

Pensieve header: Finding the  $A_2$   $\mathcal{S}d=1$  invariant using undetermined coefficients.

Searching for  $Q + p_{xx} + \epsilon(ppx + 1 + px + ppx)$  solutions.

## Initialization

```
In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\HigherRank"];
Once[<< KnotTheory` ; << Rot.m];
<< FormalGaussianIntegration.m;
i_+ := i + 1;
```

Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.

Read more at <http://katlas.org/wiki/KnotTheory>.

Loading Rot.m from <http://drorbn.net/AP/Projects/HigherRank> to compute rotation numbers.

```
In[*]:= Features[Knot[8, 17]]
```

 KnotTheory: Loading precomputed data in PD4Knots`.

```
Out[*]=
```

```
Features[18,
C6[-1] C14[-1] X1,7[1] X3,9[-1] X5,13[-1] X8,16[1] X10,4[-1] X12,18[1] X15,2[-1] X17,11[1]]
```

```
In[*]:= T3 = T1 T2;
S = {x_, p_};
q[s_, i_, j_] := Sum[
  xv,i (pv,i+ - pv,i) + xv,j (pv,j+ - pv,j) + (Tv^S - 1) xv,i (pv,i+ - pv,j+),
  {v, 3}];
L[Xi_,j_[s_]] :=
  T3^S E[q[s, i, j] + B^-1 r0[s, i, j] + E B r1[s, i, j] + E r42[s, i, j] + O[epsilon]^2];
(*gamma1[phi_,k_] := phi(3/2 - X1,k p1,k - X2,k p2,k - X3,k p3,k);*)
L[Ck_[0]] := E[Sum[xv,k (pv,k+ - pv,k), {v, 3}] + O[epsilon]^2];
L[Ck_[phi_]] :=
  T3^phi E[Sum[xv,k (pv,k+ - pv,k), {v, 3}] + B^-1 gamma0[phi, k] + E B gamma1[phi, k] + E gamma42[phi, k] + O[epsilon]^2];
ps_i := Sequence[p1,i, p2,i, p3,i];
xs_i := Sequence[x1,i, x2,i, x3,i];
vs_i := Sequence[ps_i, xs_i];
F[is___] := E[Sum[pi,i pv,i, {i, {is}}, {v, 3}]];
L[K_] := CF[L/@Features[K][[2]]];
vs[K_] := Union@@Table[{vs_i}, {i, Features[K][[1]]}]
```

```
In[*]:= vs_i
```

```
Out[*]=
```

```
Sequence[p1,i, p2,i, p3,i, x1,i, x2,i, x3,i]
```

## The Various Terms ( $r_0$ )

### The pxx Terms ( $r_0$ )

```
In[*]:=  $\kappa = 0$ ;
r0[1, i_, j_] := Evaluate[Sum[
  a++ $\kappa$  p3,k3 x1,k1 x2,k2,
  {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}
]];
r0[1, i, j]
```

Out[\*]=

$$a_1 p_{3,i} x_{1,i} x_{2,i} + a_2 p_{3,j} x_{1,i} x_{2,i} + a_5 p_{3,i} x_{1,j} x_{2,i} + a_6 p_{3,j} x_{1,j} x_{2,i} +$$

$$a_3 p_{3,i} x_{1,i} x_{2,j} + a_4 p_{3,j} x_{1,i} x_{2,j} + a_7 p_{3,i} x_{1,j} x_{2,j} + a_8 p_{3,j} x_{1,j} x_{2,j}$$

```
In[*]:=  $\kappa = 0$ ;
r0[-1, i_, j_] := Evaluate[Sum[
  d++ $\kappa$  p3,k3 x1,k1 x2,k2,
  {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}
]];
r0[-1, i, j]
```

Out[\*]=

$$d_1 p_{3,i} x_{1,i} x_{2,i} + d_2 p_{3,j} x_{1,i} x_{2,i} + d_5 p_{3,i} x_{1,j} x_{2,i} + d_6 p_{3,j} x_{1,j} x_{2,i} +$$

$$d_3 p_{3,i} x_{1,i} x_{2,j} + d_4 p_{3,j} x_{1,i} x_{2,j} + d_7 p_{3,i} x_{1,j} x_{2,j} + d_8 p_{3,j} x_{1,j} x_{2,j}$$

### The ppx Terms ( $r_1$ )

```
In[*]:=  $\kappa = 0$ ;
r1[1, i_, j_] := Evaluate[Sum[
  b++ $\kappa$  x3,k3 p1,k1 p2,k2,
  {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}
]];
r1[1, i, j]
```

Out[\*]=

$$b_1 p_{1,i} p_{2,i} x_{3,i} + b_5 p_{1,j} p_{2,i} x_{3,i} + b_3 p_{1,i} p_{2,j} x_{3,i} + b_7 p_{1,j} p_{2,j} x_{3,i} +$$

$$b_2 p_{1,i} p_{2,i} x_{3,j} + b_6 p_{1,j} p_{2,i} x_{3,j} + b_4 p_{1,i} p_{2,j} x_{3,j} + b_8 p_{1,j} p_{2,j} x_{3,j}$$

```
In[*]:=  $\kappa = 0$ ;
r1[-1, i_, j_] := Evaluate[Sum[
  e++ $\kappa$  x3,k3 p1,k1 p2,k2,
  {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}
]];
r1[-1, i, j]
```

Out[\*]=

$$e_1 p_{1,i} p_{2,i} x_{3,i} + e_5 p_{1,j} p_{2,i} x_{3,i} + e_3 p_{1,i} p_{2,j} x_{3,i} + e_7 p_{1,j} p_{2,j} x_{3,i} +$$

$$e_2 p_{1,i} p_{2,i} x_{3,j} + e_6 p_{1,j} p_{2,i} x_{3,j} + e_4 p_{1,i} p_{2,j} x_{3,j} + e_8 p_{1,j} p_{2,j} x_{3,j}$$

## The ppx Terms ( $r_{42}$ )

In[\*]:=  $\kappa = 0$ ;

```
Short[r42[1, i_, j_] = Evaluate[Plus[
  Sum[
    C++x Xv1,k1 Pv1,k2 Xv2,k3 Pv2,k4,
    {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}, {k4, {i, j}}, {v1, 2}, {v2, v1, 3}
  ],
  Sum[
    C++x Xv,k1 Pv,k2,
    {k1, {i, j}}, {k2, {i, j}}, {v, 3}
  ],
  C++x
]]]
```

Out[\*]//Short=

$$c_{93} + c_{81} p_{1,i} x_{1,i} + c_{84} p_{1,j} x_{1,i} + c_1 p_{1,i}^2 x_{1,i}^2 + \ll 85 \gg + c_{55} p_{2,i} p_{3,i} x_{2,j} x_{3,j} + c_{75} p_{2,j} p_{3,i} x_{2,j} x_{3,j} + c_{60} p_{2,i} p_{3,j} x_{2,j} x_{3,j} + c_{80} p_{2,j} p_{3,j} x_{2,j} x_{3,j}$$

In[\*]:=  $\kappa = 0$ ;

```
Short[r42[-1, i_, j_] = Evaluate[Plus[
  Sum[
    f++x Xv1,k1 Pv1,k2 Xv2,k3 Pv2,k4,
    {k1, {i, j}}, {k2, {i, j}}, {k3, {i, j}}, {k4, {i, j}}, {v1, 2}, {v2, v1, 3}
  ],
  Sum[
    f++x Xv,k1 Pv,k2,
    {k1, {i, j}}, {k2, {i, j}}, {v, 3}
  ],
  f++x
]]]
```

Out[\*]//Short=

$$f_{93} + f_{81} p_{1,i} x_{1,i} + f_{84} p_{1,j} x_{1,i} + f_1 p_{1,i}^2 x_{1,i}^2 + \ll 85 \gg + f_{55} p_{2,i} p_{3,i} x_{2,j} x_{3,j} + f_{75} p_{2,j} p_{3,i} x_{2,j} x_{3,j} + f_{60} p_{2,i} p_{3,j} x_{2,j} x_{3,j} + f_{80} p_{2,j} p_{3,j} x_{2,j} x_{3,j}$$

### The $\gamma$ Terms ( $\gamma_0, \gamma_1, \gamma_{42}$ )

```
In[*]:=  $\kappa = 0$ ;
 $\gamma_0[1, k_] := Evaluate[g_{++\kappa} p_{3,k} x_{1,k} x_{2,k}]$ ;
 $\gamma_1[1, k_] := Evaluate[g_{++\kappa} x_{3,k} p_{1,k} p_{2,k}]$ ;
 $\gamma_{42}[1, k_] := Evaluate[Plus[
  Sum[g_{++\kappa} x_{v,k} p_{v,k}, \{v, 3\}],
  Sum[g_{++\kappa} x_{v1,k} p_{v1,k} x_{v2,k} p_{v2,k}, \{v1, 2\}, \{v2, v1, 3\}]
]];
 $\{\gamma_0[1, k], \gamma_0[1, k], \gamma_{42}[1, k]\}$$ 
```

Out[\*]=

$$\{g_1 p_{3,k} x_{1,k} x_{2,k}, g_1 p_{3,k} x_{1,k} x_{2,k}, g_3 p_{1,k} x_{1,k} + g_6 p_{1,k}^2 x_{1,k}^2 + g_4 p_{2,k} x_{2,k} + g_7 p_{1,k} p_{2,k} x_{1,k} x_{2,k} + g_9 p_{2,k}^2 x_{2,k}^2 + g_5 p_{3,k} x_{3,k} + g_8 p_{1,k} p_{3,k} x_{1,k} x_{3,k} + g_{10} p_{2,k} p_{3,k} x_{2,k} x_{3,k}\}$$

```
In[*]:=  $\kappa = 0$ ;
 $\gamma_0[-1, k_] := Evaluate[h_{++\kappa} p_{3,k} x_{1,k} x_{2,k}]$ ;
 $\gamma_1[-1, k_] := Evaluate[h_{++\kappa} x_{3,k} p_{1,k} p_{2,k}]$ ;
 $\gamma_{42}[-1, k_] := Evaluate[Plus[
  Sum[h_{++\kappa} x_{v,k} p_{v,k}, \{v, 3\}],
  Sum[h_{++\kappa} x_{v1,k} p_{v1,k} x_{v2,k} p_{v2,k}, \{v1, 2\}, \{v2, v1, 3\}]
]];
 $\{\gamma_0[-1, k], \gamma_0[-1, k], \gamma_{42}[-1, k]\}$$ 
```

Out[\*]=

$$\{h_1 p_{3,k} x_{1,k} x_{2,k}, h_1 p_{3,k} x_{1,k} x_{2,k}, h_3 p_{1,k} x_{1,k} + h_6 p_{1,k}^2 x_{1,k}^2 + h_4 p_{2,k} x_{2,k} + h_7 p_{1,k} p_{2,k} x_{1,k} x_{2,k} + h_9 p_{2,k}^2 x_{2,k}^2 + h_5 p_{3,k} x_{3,k} + h_8 p_{1,k} p_{3,k} x_{1,k} x_{3,k} + h_{10} p_{2,k} p_{3,k} x_{2,k} x_{3,k}\}$$

### Reidemeister 3b

```
In[*]:= Timing[ {LeftR3b} =
Cases[ [  $\int \mathcal{F}[i, j, k] \mathcal{L} / @ (X_{i,j}[1] X_{i^+,k}[1] X_{j^+,k^+}[1]) d\{VS_i, VS_j, VS_k, VS_{i^+}, VS_{j^+}, VS_{k^+}\}$ ,
E[ $\mathcal{E}_-$ ]  $\rightarrow \mathcal{E}, \infty$  ] ] ]
```

Out[\*]=

$$\{15.7656, \{Series[T_1^2 p_{1,2+i} \mathcal{T}_{1,i} - (-1 + T_1) T_1 p_{1,2+j} \mathcal{T}_{1,i} + (1 - T_1) p_{1,2+k} \mathcal{T}_{1,i} + T_1 p_{1,2+j} \mathcal{T}_{1,j} + (1 - T_1) p_{1,2+k} \mathcal{T}_{1,j} + p_{1,2+k} \mathcal{T}_{1,k} + T_2^2 p_{2,2+i} \mathcal{T}_{2,i} - (-1 + T_2) T_2 p_{2,2+j} \mathcal{T}_{2,i} + (1 - T_2) p_{2,2+k} \mathcal{T}_{2,i} + \dots 33 \dots + \frac{a_3 T_1 T_2 p_{3,2+j} \mathcal{T}_{1,j} \mathcal{T}_{2,k}}{B} - \frac{(-a_3 - a_4 + a_3 T_1 T_2) p_{3,2+k} \mathcal{T}_{1,j} \mathcal{T}_{2,k}}{B} + \frac{a_7 T_1 T_2 p_{3,2+i} \mathcal{T}_{1,k} \mathcal{T}_{2,k}}{B} + \frac{a_7 T_1 T_2 p_{3,2+j} \mathcal{T}_{1,k} \mathcal{T}_{2,k}}{B} - \frac{2(-a_7 - a_8 + a_7 T_1 T_2) p_{3,2+k} \mathcal{T}_{1,k} \mathcal{T}_{2,k}}{B} + T_1^2 T_2^2 p_{3,2+i} \mathcal{T}_{3,i} - T_1 T_2 (-1 + T_1 T_2) p_{3,2+j} \mathcal{T}_{3,i} + (1 - T_1 T_2) p_{3,2+k} \mathcal{T}_{3,i} + T_1 T_2 p_{3,2+j} \mathcal{T}_{3,j} + (1 - T_1 T_2) p_{3,2+k} \mathcal{T}_{3,j} + p_{3,2+k} \mathcal{T}_{3,k}, 3(a_1 b_1 + a_2 b_2 + a_3 b_3 + a_4 b_4 + a_5 b_5 + a_6 b_6 + a_7 b_7 + a_8 b_8 + 2 C_1 + C_2 + C_3 + 2 C_4 + C_5 + C_{16} + C_{17} + C_{18} + C_{19} + C_{20} + C_{31} + C_{34} + C_{46} + C_{49} + C_{61} + C_{62} + C_{63} + C_{64} + C_{65} + 2 C_{76} + C_{77} + C_{78} + 2 C_{79} + C_{80} + C_{81} + C_{82} + C_{83} + C_{90} + C_{91} + C_{92} + C_{93}) + \dots 498 \dots + (2 a_3 b_2 + 2 a_4 b_2 + a_7 b_2 + a_8 b_2 + 2 a_3 b_4 + 2 a_4 b_4 + a_7 b_4 + a_8 b_4 + 3 a_7 b_6 + 3 a_8 b_6 + \dots 45 \dots + a_7 b_2 T_1^2 T_2 + a_7 b_4 T_1^2 T_2 + 2 a_3 b_2 T_1 T_2^2 + a_7 b_2 T_1 T_2^2 + 3 a_7 b_6 T_1 T_2^2 + 2 c_{55} T_1 T_2^2 - a_7 b_2 T_1^2 T_2^2) p_2, \dots 1 \dots p_3, \dots 1 \dots \mathcal{T}_{2,k} \mathcal{T}_{3,k}\}]\}$$

Full expression not available (original memory size: 3.8 MB)

```
In[*]:= Timing[ {RightR3b} =
Cases[ ∫ ℱ [i, j, k] ℒ /@ (Xj,k[1] Xi,k[1] Xi+,j[1]) d {vsi, vsj, vsk, vsi+, vsj+, vsk+} ,
E[ℰ_] := ℰ, ∞];
```

```
Out[*]=
{14.2969, Null}
```

```
In[*]:= Short[eqn = CF[LeftR3b[[1]] - RightR3b[[1]]]
cvs = Union@Cases[eqn, p_ | π_, ∞]
vars = Union@Cases[r_0[1, i, j], a_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) := (c == 0), 3]
{sol} = Solve[eqns, vars]
```

```
Out[*]//Short=
T1 T2 ( <<1>> ) <<1>> π1,i π2,i - <<1>> + <<32>> + a7 <<5>> π<<1>>
B B B B
```

```
Out[*]=
{p3,2+i, p3,2+j, p3,2+k, π1,i, π1,j, π1,k, π2,i, π2,j, π2,k}
```

```
Out[*]=
{a1, a2, a3, a4, a5, a6, a7, a8}
```

```
Out[*]//Short=
{ - a3 T12 T22 / B + a3 T12 T23 / B == 0, a3 T12 T2 / B - a3 T12 T22 / B == 0,
<<22>>, - a7 / B - a8 / B + a7 T2 / B + a8 T2 / B + a7 T1 T2 / B - a7 T1 T22 / B == 0 }
```

**Solve:** Equations may not give solutions for all "solve" variables. 

```
Out[*]=
{ { a1 -> 0, a3 -> 0, a5 -> 0, a6 -> - a2 / T1 - a4 T2 / T1}, a7 -> 0, a8 -> 0 }
```

```
In[*]:= sol /. (v_ -> val_) := (v = CF[val]);
r_0[1, i, j]
```

```
Out[*]=
a2 p3,j x1,i x2,i - (a2 + a4 T2) p3,j x1,j x2,i / T1 + a4 p3,j x1,i x2,j
```

```
In[*]:= Short[eqn = CF[Coefficient[
    LeftR3b[[2]] - RightR3b[[2]] /. v : (π | p) __ => μ v,
    μ^3
  ]], 5]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[r1[1, i, j], b_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) => (c == 0), 3]
{sol} = Solve[eqns, vars]
```

Out[\*]//Short=

$$B b_1 (-1 + T_1) T_1 T_2^2 p_{1,2+j} p_{2,2+i} \pi_{3,i} - B b_1 (-1 + T_1) T_1 T_2^2 p_{1,2+k} p_{2,2+i} \pi_{3,i} + \llcorner 31 \gg +$$

$$B (-1 + T_1) T_1 (-b_2 - b_4 + b_2 T_2) p_{1,2+i} p_{2,2+k} \pi_{3,k} - B (-1 + T_1) T_1 (-b_2 - b_4 + b_2 T_2) p_{1,2+j} p_{2,2+k} \pi_{3,k}$$

Out[\*]=

$$\{p_{1,2+i}, p_{1,2+j}, p_{1,2+k}, p_{2,2+i}, p_{2,2+j}, p_{2,2+k}, \pi_{3,i}, \pi_{3,j}, \pi_{3,k}\}$$


Out[\*]=

$$\{b_1, b_2, b_3, b_4, b_5, b_6, b_7, b_8\}$$

Out[\*]//Short=

$$\{-B b_2 T_1^2 T_2^2 + B b_2 T_1^3 T_2^3 == 0, B b_2 T_1 T_2 - B b_2 T_1^2 T_2^2 == 0, \llcorner 1 \gg == 0, \llcorner 19 \gg, \llcorner 1 \gg == 0,$$

$$B b_1 + \llcorner 47 \gg == 0, -B b_6 T_1 - B b_8 T_1 - B b_4 T_2 - B b_8 T_2 + B b_2 T_1 T_2 + \llcorner 11 \gg + B b_2 T_1^2 T_2^2 == 0\}$$

 Solve: Equations may not give solutions for all "solve" variables. 

Out[\*]=

$$\{\{b_1 \rightarrow 0, b_2 \rightarrow 0, b_4 \rightarrow 0, b_6 \rightarrow 0, b_7 \rightarrow -b_3 - b_5, b_8 \rightarrow 0\}\}$$

```
In[*]:= sol /. (v_ -> val_) => (v = CF[val]);
r1[1, i, j]
```

Out[\*]=

$$b_5 p_{1,j} p_{2,i} x_{3,i} + b_3 p_{1,i} p_{2,j} x_{3,i} + (-b_3 - b_5) p_{1,j} p_{2,j} x_{3,i}$$

```
In[*]:= Short[eqn = CF[LeftR3b[[2]] - RightR3b[[2]], 5]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[r42[1, i, j], c_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) :-> (c == 0), 3]
Short[{sol} = Solve[eqns, vars]]
```

Out[\*]//Short=

$$- \left( (2 c_{11} + 2 c_{41} + c_{42} + c_{43} + 2 c_{56} + c_{57} + c_{58} + 2 c_{71} + c_{87}) (-1 + T_1) T_1^2 p_{1,2+j} \pi_{1,i} \right) -$$

$$(-1 + T_1) (4 c_1 + c_2 + c_3 + 2 c_6 + c_{16} + c_{17} + c_{18} + \ll 49 \gg) p_{1,2+k} \pi_{1,i} + \ll 1 \gg +$$

$$\ll 473 \gg + (-1 + T_2) T_2 (-c_{55} - c_{60} + c_{55} T_1 T_2) p_2 \ll 1 \gg^2 \ll 1 \gg \ll 1 \gg p_{3,2+k} \pi_{2,k} \pi_{3,k} -$$

$$(-1 + T_2) T_2 (-c_{55} - c_{60} + c_{55} T_1 T_2) p_{2,2+j} p_{3,2+k} \pi_{2,k} \pi_{3,k}$$

Out[\*]=

```
{p1,2+i, p1,2+j, p1,2+k, p2,2+i, p2,2+j, p2,2+k, p3,2+i,
p3,2+j, p3,2+k, π1,i, π1,j, π1,k, π2,i, π2,j, π2,k, π3,i, π3,j, π3,k}
```

Out[\*]=

```
{c1, c2, c3, c4, c5, c6, c7, c8, c9, c10, c11, c12, c13, c14, c15, c16, c17, c18, c19, c20,
c21, c22, c23, c24, c25, c26, c27, c28, c29, c30, c31, c32, c33, c34, c35, c36, c37, c38, c39,
c40, c41, c42, c43, c44, c45, c46, c47, c48, c49, c50, c51, c52, c53, c54, c55, c56, c57,
c58, c59, c60, c61, c62, c63, c64, c65, c66, c67, c68, c69, c70, c71, c72, c73, c74, c75,
c76, c77, c78, c79, c80, c81, c82, c83, c84, c85, c86, c87, c88, c89, c90, c91, c92, c93}
```

Out[\*]//Short=

$$\{-c_{11} T_1^4 - c_{41} T_1^4 + c_{11} T_1^5 + c_{41} T_1^5 == 0, \ll 1 \gg == 0,$$

$$\ll 315 \gg, c_{13} T_1 T_2 + c_{15} T_1 T_2 + c_{73} T_1 T_2 + c_{75} T_1 T_2 + c_{89} T_1 T_2 -$$

$$\ll 1 \gg - c_{15} T_1^2 T_2^2 - c_{73} T_1^2 T_2^2 - c_{75} T_1^2 T_2^2 - c_{89} T_1^2 T_2^2 == 0\}$$

 **Solve:** Equations may not give solutions for all "solve" variables. 

Out[\*]//Short=

$$\left\{ \left\{ c_1 \rightarrow 0, \ll 60 \gg, c_{92} \rightarrow -\frac{c_{83}}{T_1 T_2} - \frac{c_{\ll 2 \gg}}{\ll 1 \gg \ll 1 \gg \ll 1 \gg} - \frac{\ll 8 \gg + \ll 1 \gg}{T_1^2 \ll 1 \gg (-1 + \ll 1 \gg)} \right\} \right\}$$

```
In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);
```

In[\*]:= Short[CF[r<sub>42</sub>[1, i, j]], 20]

Out[\*]//Short=

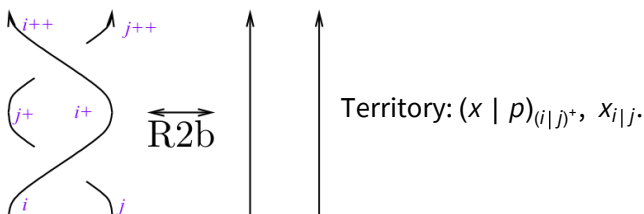
$$\begin{aligned}
 & c_{93} + c_{81} p_{1,i} x_{1,i} + c_{84} p_{1,j} x_{1,j} + (c_6 + c_{21}) p_{1,i} p_{1,j} x_{1,i}^2 + \\
 & \frac{1}{2} (-1 + T_1) (2 c_6 + 2 c_{21} + c_{16} T_1 + c_{31} T_1 + c_{46} T_1 + c_{61} T_1) p_{1,j}^2 x_{1,i}^2 - \\
 & \frac{(c_{81} + c_{84}) p_{1,j} x_{1,j}}{T_1} + (c_{16} + c_{31} + c_{46} + c_{61}) p_{1,i} p_{1,j} x_{1,i} x_{1,j} + \\
 & \frac{1}{2} (-2 c_6 - c_{16} - 2 c_{21} - c_{31} - c_{46} - c_{61} - c_{16} T_1 - c_{31} T_1 - c_{46} T_1 - c_{61} T_1) p_{1,j}^2 x_{1,i} x_{1,j} + \ll 33 \gg + \\
 & \frac{1}{(-1 + T_1) (-1 + T_2)} (-a_4 b_5 - c_{25} + c_{25} T_1 + a_4 b_3 T_2 + a_4 b_5 T_2 - a_4 b_3 T_1 T_2 + c_{25} T_1 T_2 - c_{25} T_1^2 T_2) \\
 & p_{2,j} p_{3,j} x_{2,j} x_{3,i} - \frac{1}{T_1^2 T_2 (-1 + T_1 T_2)} \\
 & (-a_2 b_5 - a_2 b_3 T_1 + a_4 b_3 T_1 - c_{83} T_1 - c_{86} T_1 - a_4 b_5 T_2 - a_4 b_3 T_1 T_2 + a_4 b_5 T_1 T_2 + c_{83} T_1^2 T_2 + c_{86} T_1^2 T_2) \\
 & p_{3,j} x_{3,j} - \frac{(a_2 b_5 - a_4 b_5 - c_8 + c_{23} + c_8 T_1 + a_4 b_5 T_2 - c_{23} T_1 T_2) p_{1,i} p_{3,j} x_{1,i} x_{3,j}}{(-1 + T_1) (-1 + T_1 T_2)} - \\
 & ((-a_2 b_3 + c_8 + a_2 b_3 T_1 - a_4 b_3 T_1 - c_8 T_1 - a_4 b_3 T_2 - c_8 T_2 + 2 a_4 b_3 T_1 T_2 + c_8 T_1 T_2) p_{1,j} p_{3,j} x_{1,i} x_{3,j}) / \\
 & ((-1 + T_2) (-1 + T_1 T_2)) - \\
 & ((a_2 b_3 - c_{10} T_1 + c_{25} T_1 + a_4 b_3 T_2 - a_4 b_3 T_1 T_2 + c_{10} T_1 T_2 - c_{25} T_1^2 T_2) p_{2,i} p_{3,j} x_{2,i} x_{3,j}) / \\
 & (T_1 (-1 + T_2) (-1 + T_1 T_2)) - \\
 & ((c_{10} T_1 - c_{10} T_1^2 + a_2 b_5 T_2 - a_2 b_5 T_1 T_2 + a_4 b_5 T_1 T_2 - c_{10} T_1 T_2 + c_{10} T_1^2 T_2 + a_4 b_5 T_2^2 - 2 a_4 b_5 T_1 T_2^2) \\
 & p_{2,j} p_{3,j} x_{2,i} x_{3,j}) / ((-1 + T_1) T_1 (-1 + T_1 T_2))
 \end{aligned}$$

In[\*]:= CF[LeftR3b - RightR3b]

Out[\*]=

Series[0, 0]

### Reidemeister 2b



In[\*]:= Timing[Short[LeftR2b = (∫ F[i, j] L / @ (X<sub>i,j</sub>[1] X<sub>i<sup>+</sup>,j<sup>+</sup></sub>[-1]) d{vs<sub>i</sub>, vs<sub>j</sub>, vs<sub>i<sup>+</sup></sub>, vs<sub>j<sup>+</sup></sub>})][1]]

Out[\*]=

{1.04688, Series[p<sub>1,2+i</sub> π<sub>1,i</sub> + p<sub>1,2+j</sub> π<sub>1,j</sub> + <<12>> + p<sub>3,2+j</sub> π<sub>3,j</sub>, <<1>>]}

In[\*]:= RightR2b = eSeries[p<sub>1,2+i</sub> π<sub>1,i</sub> + p<sub>1,2+j</sub> π<sub>1,j</sub> + p<sub>2,2+i</sub> π<sub>2,i</sub> + p<sub>2,2+j</sub> π<sub>2,j</sub> + p<sub>3,2+i</sub> π<sub>3,i</sub> + p<sub>3,2+j</sub> π<sub>3,j</sub>, 0]

Out[\*]=

Series[p<sub>1,2+i</sub> π<sub>1,i</sub> + p<sub>1,2+j</sub> π<sub>1,j</sub> + p<sub>2,2+i</sub> π<sub>2,i</sub> + p<sub>2,2+j</sub> π<sub>2,j</sub> + p<sub>3,2+i</sub> π<sub>3,i</sub> + p<sub>3,2+j</sub> π<sub>3,j</sub>, 0]



```
In[*]:= Short[eqn = CF[LeftR2b[[1]] - RightR2b[[1]]]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[r_θ[-1, i, j], d_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) :-> (c == 0), 3]
{sol} = Solve[eqns, vars]
```

Out[\*]//Short=

$$\frac{(d_7 + \ll 11 \gg + d_7 T_1 T_2) \ll 1 \gg \ll 1 \gg \ll 1 \gg \pi_{\ll 1 \gg}}{B T_1 T_2} + \ll 7 \gg + \frac{\ll 1 \gg}{B \ll 1 \gg T_2}$$

Out[\*]=

$$\{p_{3,2+i}, p_{3,2+j}, \pi_{1,i}, \pi_{1,j}, \pi_{2,i}, \pi_{2,j}\}$$

Out[\*]=

$$\{d_1, d_2, d_3, d_4, d_5, d_6, d_7, d_8\}$$

Out[\*]//Short=

$$\left\{ \begin{aligned} \frac{d_1}{B} - \frac{d_3}{B} - \frac{d_5}{B} + \frac{d_7}{B} + \frac{d_5}{B T_1} - \frac{d_7}{B T_1} + \frac{d_3}{B T_2} - \frac{d_7}{B T_2} + \frac{d_7}{B T_1 T_2} &= 0, \\ \frac{d_3}{B T_2} - \frac{d_7}{B T_2} + \frac{d_7}{B T_1 T_2} &= 0, \ll 5 \gg, \frac{d_7}{B} + \frac{d_8}{B} - \frac{d_7}{B T_1 T_2} &= 0 \end{aligned} \right\}$$

Out[\*]=

$$\left\{ \left\{ d_1 \rightarrow 0, d_2 \rightarrow -\frac{a_2 - a_4 T_1 + a_4 T_2}{T_1^2 T_2}, d_3 \rightarrow 0, d_4 \rightarrow -\frac{a_4}{T_1}, d_5 \rightarrow 0, d_6 \rightarrow -\frac{-a_2 - a_4 T_2}{T_1 T_2}, d_7 \rightarrow 0, d_8 \rightarrow 0 \right\} \right\}$$

```
In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);
r_θ[-1, i, j]
```

Out[\*]=

$$\frac{(-a_2 + a_4 T_1 - a_4 T_2) p_{3,j} x_{1,i} x_{2,i}}{T_1^2 T_2} + \frac{(a_2 + a_4 T_2) p_{3,j} x_{1,j} x_{2,i}}{T_1 T_2} - \frac{a_4 p_{3,j} x_{1,i} x_{2,j}}{T_1}$$

```
In[*]:= Short[eqn = CF[LeftR2b[[2]] - RightR2b[[2]]]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[r1[-1, i, j] + r42[-1, i, j], e_ | f_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) :-> (c == 0), 3]
Short[{sol} = Solve[eqns, vars]]
```

Out[\*]//Short=

$$\llcorner 107 \gg + \frac{\llcorner 1 \gg}{\llcorner 1 \gg} + \frac{\llcorner 1 \gg}{T_1 \llcorner 1 \gg}$$

Out[\*]=

```
{p1,2+i, p1,2+j, p2,2+i, p2,2+j, p3,2+i, p3,2+j, π1,i, π1,j, π2,i, π2,j, π3,i, π3,j}
```

Out[\*]=

```
{e1, e2, e3, e4, e5, e6, e7, e8, f1, f2, f3, f4, f5, f6, f7, f8, f9, f10, f11, f12, f13, f14, f15, f16,
f17, f18, f19, f20, f21, f22, f23, f24, f25, f26, f27, f28, f29, f30, f31, f32, f33, f34, f35, f36,
f37, f38, f39, f40, f41, f42, f43, f44, f45, f46, f47, f48, f49, f50, f51, f52, f53, f54, f55,
f56, f57, f58, f59, f60, f61, f62, f63, f64, f65, f66, f67, f68, f69, f70, f71, f72, f73, f74,
f75, f76, f77, f78, f79, f80, f81, f82, f83, f84, f85, f86, f87, f88, f89, f90, f91, f92, f93}
```

Out[\*]//Short=

$$\left\{ f_1 - f_{11} - f_{41} + f_{51} + \frac{f_{51}}{T_1^2} + \frac{f_{11}}{T_1} + \frac{f_{41}}{T_1} - \frac{2 f_{51}}{T_1} = 0, \llcorner 85 \gg, \right.$$

$$\left. \frac{2 a_4 b_3}{(1 - T_1)(1 - T_2)} + \frac{c_{16}}{(1 - T_1)(1 - T_2)} + \llcorner 336 \gg + \frac{f_{93} T_1 T_2}{(1 - T_1)(1 - T_2)} = 0 \right\}$$

Solve: Equations may not give solutions for all "solve" variables.

Out[\*]//Short=

```
{e1 -> 0, e2 -> 0, \llcorner 84 \gg, f93 -> -c93}
```

```
In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);
```

```
In[*]:= r1[-1, i, j]
Short[CF[r42[-1, i, j]], 5]
```

Out[\*]=

$$-\frac{b_5 p_{1,j} p_{2,i} x_{3,i}}{T_1} - \frac{b_3 p_{1,i} p_{2,j} x_{3,i}}{T_2} + \frac{(b_3 T_1 + b_5 T_2) p_{1,j} p_{2,j} x_{3,i}}{T_1 T_2}$$

Out[\*]//Short=

$$-c_{93} - c_{81} p_{1,i} x_{1,i} + \llcorner 53 \gg + \frac{(\llcorner 1 \gg) \llcorner 3 \gg x_{\llcorner 1 \gg}}{T_1 (-1 + \llcorner 1 \gg) (\llcorner 1 \gg)} +$$

$$\left( (a_2 b_3 - c_{10} T_1 + c_{25} T_1 + a_4 b_3 T_2 - a_4 b_3 T_1 T_2 + c_{10} T_1 T_2 - c_{25} T_1^2 T_2) p_{2,i} p_{3, \llcorner 1 \gg} \llcorner 1 \gg x_{2,i} x_{3,j} \right) /$$

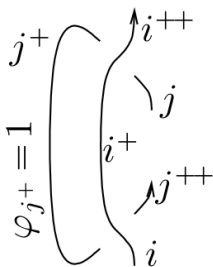
$$(T_1 (-1 + T_2) (-1 + T_1 T_2)) + \frac{(\llcorner 1 \gg) p_{2,j} p_{3,j} x_{2,i} x_{3,j}}{(-1 + T_1) T_1 T_2 (-1 + T_1 T_2)}$$

```
In[*]:= CF[LeftR2b - RightR2b]
```

Out[\*]=

```
Series[0, 0]
```

## Reidemeister 2c



```
In[*]:= Timing[ Short[ {LeftR2c} = Cases[
    ∫ ℱ[i, j] ℒ /@ (Xi+1,j[1] Xi,j+2[-1] Cj+1[1]) d{vsi, vsj, vsi+, vsj+, vsj+2}, E[ℰ_] := ℰ]
]]
```

```
Out[*]= {1.20313, {Series[p1,2+i π1,i + p1,3+j π1,j + <<9>> + p3,3+j π3,j, g1 g2 + <<49>> + <<1>> ]}}
```

```
In[*]:= Timing[ Short[ {RightR2c} =
    Cases[ ∫ ℱ[i, j] ℒ /@ (Ci[0] Ci+1[0] Cj[0] Cj+1[1] Cj+2[0]) d{vsi, vsj, vsi+, vsj+, vsj+2},
    E[ℰ_] := ℰ]
]]
```

```
Out[*]= {0.015625, {Series[p1,2+i π1,i + p1,3+j π1,j + <<4>> + p3,3+j π3,j, g1 g2 + <<16>> + <<1>> ]}}
```

```
In[*]:= Short[eqn = CF[LeftR2c[[1]] - RightR2c[[1]]]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[γ0[1, k], g_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) := (c == 0), 3]
{sol} = Solve[eqns, vars]
```

```
Out[*]//Short=

$$\frac{g_1 (-1 + T_1) \ll 1 \gg \ll 1 \gg \ll 1 \gg \pi_{1, \ll 1 \gg} \ll 1 \gg \pi_{2, i}}{B T_1 T_2} - \frac{\ll 1 \gg}{B \ll 1 \gg \ll 1 \gg} - \frac{g_1 \ll 3 \gg \ll 1 \gg}{B T_1}$$

```

```
Out[*]= {p3,3+j, π1,i, π1,j, π2,i, π2,j}
```

```
Out[*]= {g1}
```

```
Out[*]//Short=

$$\left\{ \frac{g_1}{B} - \frac{g_1}{B T_1} - \frac{g_1}{B T_2} + \frac{g_1}{B T_1 T_2} == 0, -\frac{g_1}{B} + \frac{g_1}{B T_1} == 0, -\frac{g_1}{B} + \frac{g_1}{B T_2} == 0 \right\}$$

```

```
Out[*]= {{g1 -> 0}}
```

```

In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);
      γ₀[1, k]
Out[*]=
      0

In[*]:= Short[eqn = CF[LeftR2c[[2]] - RightR2c[[2]]]
      cvs = Union@Cases[eqn, p__ | π__, ∞]
      vars = Union@Cases[γ₁[1, k] + γ₄₂[1, k], g_, ∞]
      Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) :-> (c == 0), 3]
      Short[{sol} = Solve[eqns, vars]]
Out[*]//Short=
      (c₁₆ + c₃₁ + <<10>>) <<1>> <<1>> <<1>> π₁ <<1>> <<1>> + <<25>>
      T₁

Out[*]=
      {p₁,₃+j, p₂,₃+j, p₃,₃+j, π₁,i, π₁,j, π₂,i, π₂,j, π₃,i, π₃,j}

Out[*]=
      {g₂, g₃, g₄, g₅, g₆, g₇, g₈, g₉, g₁₀}

Out[*]//Short=
      {g₆ + g₆/T₁² - 2g₆/T₁ == 0, -2g₆ + 2g₆/T₁ == 0, <<13>>, c₁₉ + c₃₄ + c₄₉ + <<17>> + g₄/T₂ + g₇/T₂ + 4g₉/T₂ + g₁₀/T₂ == 0,
      2a₄b₃/(1-T₁)(1-T₂) + a₄b₃/(1-T₁)T₁²(1-T₂) + <<50>> == 0}

Out[*]//Short=
      {{g₂ -> 0, g₃ -> c₁₆ + c₃₁ + c₄₆ + c₆₁, <<5>>, g₉ -> 0, g₁₀ -> 0}}

In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);
In[*]:= γ₁[1, k]
      Short[CF[γ₄₂[1, k]], 5]
Out[*]=
      0

Out[*]//Short=
      (c₁₆ + c₃₁ + c₄₆ + c₆₁) p₁,k x₁,k + (c₁₉ + c₃₄ + c₄₉ + c₆₄) p₂,k x₂,k +
      (-b₃ + b₅ + b₃T₁ - b₅T₂) (-a₂ + a₂T₁ - a₄T₁ - a₄T₂ + 2a₄T₁T₂) p₃,k x₃,k
      (-1 + T₁)T₁(-1 + T₂)(-1 + T₁T₂)

In[*]:= CF[LeftR2c - RightR2c]
Out[*]=
      ∈Series[0, 0]

```

## C<sub>k</sub>[1] and C<sub>k</sub>[-1] are inverses

```

In[*]:= Timing[ Short[ {LeftCC} = Cases[ { { ∫ [k] ℒ / @ (Ck[1] Ck+1[-1]) d {vsk, vsk'} } , E[ℰ-] => ℰ } ] ] ]
Out[*]=
{ 0., { ∈Series[ p1,2+k π1,k + p2,2+k π2,k +  $\frac{\ll 1 \gg}{B}$  + p3,2+k π3,k,  $\frac{\ll 1 \gg}{\ll 1 \gg}$  + <<8>> + <<1>> ] } }

In[*]:= Timing[ Short[ {RightCC} = Cases[ { { ∫ [k] ℒ / @ (Ck[0] Ck+1[0]) d {vsk, vsk'} } , E[ℰ-] => ℰ } ] ] ]
Out[*]=
{ 0., { ∈Series[ p1,2+k π1,k + p2,2+k π2,k + p3,2+k π3,k, 0 ] } }

In[*]:= Short[ eqn = CF[LeftCC[[1]] - RightCC[[1]] ]
cvs = Union@Cases[eqn, p__ | π__, ∞]
vars = Union@Cases[γ0[-1, k], h_, ∞]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) => (c == 0), 3]
{sol} = Solve[eqns, vars]
Out[*]//Short=

$$\frac{h_1 p_3 \ll 1 \gg^2 \ll 1 \gg \ll 1 \gg \pi_{\ll 1 \gg} \pi_{2,k}}{B}$$

Out[*]=
{ p3,2+k, π1,k, π2,k }
Out[*]=
{ h1 }
Out[*]//Short=
{  $\frac{h_1}{B} == 0$  }
Out[*]=
{ { h1 -> 0 } }

In[*]:= sol /. (v_ -> val_) => (v = CF[val]);
γ0[-1, k]
Out[*]=
0

```

```

In[*]:= Short[eqn = CF[LeftCC[[2]] - RightCC[[2]]]
cvs = Union@Cases[eqn, p_ |  $\pi$ _ ,  $\infty$ ]
vars = Union@Cases[ $\gamma_1[-1, k] + \gamma_{42}[-1, k], h_ , \infty$ ]
Short[eqns = CoefficientRules[eqn, cvs] /. (_ -> c_) :-> (c == 0), 3]
Short[{sol} = Solve[eqns, vars]]

Out[*]//Short=
<<1>>

Out[*]=
{p1,2+k, p2,2+k, p3,2+k,  $\pi_{1,k}$ ,  $\pi_{2,k}$ ,  $\pi_{3,k}$ }

Out[*]=
{h2, h3, h4, h5, h6, h7, h8, h9, h10}

Out[*]//Short=
{h6 == 0, h7 == 0, B h2 == 0, h8 == 0, <<1>> == 0, <<1>>,
h10 == 0, C19 + C34 + C49 + C64 + h4 + h7 + 4 h9 + h10 == 0, <<1>> == 0,

$$\frac{2 a_2 b_3}{(1 - T_1) (1 - T_2) (1 - T_1 T_2)} - \frac{a_4 b_3}{(1 - T_1) (1 - T_2) (1 - T_1 T_2)} - \frac{\langle\langle 1 \rangle\rangle}{\langle\langle 1 \rangle\rangle} + \langle\langle 165 \rangle\rangle == 0}$$


Out[*]//Short=
{{h2 -> 0, h3 -> -C16 - C31 - C46 - C61, <<5>>, h9 -> 0, h10 -> 0}}

In[*]:= sol /. (v_ -> val_) :-> (v = CF[val]);

In[*]:=  $\gamma_1[-1, k]$ 
Short[CF[ $\gamma_{42}[-1, k]$ ], 5]

Out[*]=
0

Out[*]//Short=

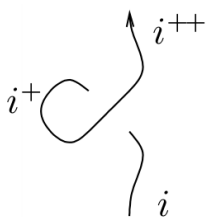
$$\frac{(-C_{16} - C_{31} - C_{46} - C_{61}) p_{1,k} x_{1,k} + (-C_{19} - C_{34} - C_{49} - C_{64}) p_{2,k} x_{2,k} - (-b_3 + b_5 + b_3 T_1 - b_5 T_2) (-a_2 + a_2 T_1 - a_4 T_1 - a_4 T_2 + 2 a_4 T_1 T_2) p_{3,k} x_{3,k}}{(-1 + T_1) T_1 (-1 + T_2) (-1 + T_1 T_2)}$$


In[*]:= CF[LeftCC - RightCC]

Out[*]=
Series[0, 0]

```

## Invariance Under R1



```

In[*]:= {LeftR11} = Cases [ { { ∫ [i] ℒ / @ (Xi+2,i[1] Ci+1[1]) d {vsi, vsi+, vsi+2 } }, ℰ [ℰ-] := ℰ, ∞ ]
Out[*]=
{ ∈Series [ p1,3+i π1,i + p2,3+i π2,i + p3,3+i π3,i, c93 ] }

In[*]:= {RightR11} = Cases [ { { ∫ [i] ℒ / @ (Ci[0] Ci+1[0] Ci+2[0]) d {vsi, vsi+, vsi+2 } }, ℰ [ℰ-] := ℰ, ∞ ]
Out[*]=
{ ∈Series [ p1,3+i π1,i + p2,3+i π2,i + p3,3+i π3,i, 0 ] }

In[*]:= LeftR11[[1]] == RightR11[[1]]
Out[*]=
True

In[*]:= Short [ eqn = CF [ LeftR11[[2]] - RightR11[[2]] ]
cvs = Union@Cases [ eqn, p__ | π__, ∞ ]
vars = Union@Cases [ eqn, (c | d | e | f | g | h)_, ∞ ]
Short [ eqns = If [ cvs === {},
{ eqn == 0 },
CoefficientRules [ eqn, cvs ] /. (_ -> c_) := (c == 0)
], 3 ]
{sol} = Solve [ eqns, vars ]
Out[*]//Short=
c93

Out[*]=
{}

Out[*]=
{}

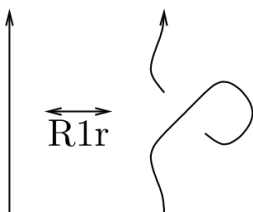
Out[*]//Short=
{ c93 == 0 }

Out[*]=
{ { c93 -> 0 } }

In[*]:= sol /. (v_ -> val_) := (v = CF [ val ] );
In[*]:= CF [ LeftR11 - RightR11 ]
Out[*]=
∈Series [ 0, 0 ]

```

### Invariance Under R1r



In[\*]:= **LeftR1r** = Cases [ { {  $\int \mathcal{F}[i] \mathcal{L} / @ (X_{i,i+2}[1] C_{i+1}[-1]) d\{vs_i, vs_{i+1}, vs_{i+2}\}$  },  $\mathbb{E}[\mathcal{E}_-] \Rightarrow \mathcal{E}, \infty$  ]

Out[\*]=

$$\left\{ \in \text{Series} \left[ p_{1,3+i} \pi_{1,i} + p_{2,3+i} \pi_{2,i} + p_{3,3+i} \pi_{3,i}, \right. \right. \\ \left. \frac{1}{T_1^2 T_2 (-1 + T_1 T_2)} \left( a_2 b_5 + a_2 b_3 T_1 - a_4 b_3 T_1 + c_{83} T_1 + c_{86} T_1 + c_{82} T_1^2 + c_{85} T_1^2 + a_4 b_5 T_2 + \right. \right. \\ \left. \left. a_4 b_3 T_1 T_2 - a_4 b_5 T_1 T_2 + c_{81} T_1 T_2 + c_{84} T_1 T_2 - c_{81} T_1^2 T_2 - c_{82} T_1^2 T_2 - 2 c_{83} T_1^2 T_2 - \right. \right. \\ \left. \left. c_{86} T_1^2 T_2 - c_{82} T_1^3 T_2 - c_{85} T_1^3 T_2 - c_{81} T_1^2 T_2^2 - c_{84} T_1^2 T_2^2 + c_{81} T_1^3 T_2^2 + c_{82} T_1^3 T_2^2 + c_{83} T_1^3 T_2^2 \right) \right] \left. \right\}$$

In[\*]:= **RightR1r** = Cases [ { {  $\int \mathcal{F}[i] \mathcal{L} / @ (C_i[0] C_{i+1}[0] C_{i+2}[0]) d\{vs_i, vs_{i+1}, vs_{i+2}\}$  },  $\mathbb{E}[\mathcal{E}_-] \Rightarrow \mathcal{E}, \infty$  ]

Out[\*]=

$$\left\{ \in \text{Series} [ p_{1,3+i} \pi_{1,i} + p_{2,3+i} \pi_{2,i} + p_{3,3+i} \pi_{3,i}, 0 ] \right\}$$

In[\*]:= **LeftR1r**[[1]] == **RightR1r**[[1]]

Out[\*]=

True

In[\*]:= **Short** [eqn = **CF** [LeftR1r[[2]] - RightR1r[[2]]]

**cvs** = **Union**@Cases [eqn, p\_\_ |  $\pi_{__}$ ,  $\infty$ ]

**vars** = **Union**@Cases [eqn, (c | d | e | f | g | h)\_,  $\infty$ ]

**Short** [eqns = **CoefficientRules** [eqn, cvs] /. ( $\_ \rightarrow c\_$ )  $\Rightarrow$  (c == 0), 3]

**{sol}** = **Solve** [eqns, vars]

Out[\*]//Short=

$$\frac{a_2 b_5 + \ll 31 \gg + c_{83} T_1^3 T_2^2}{T_1^2 T_2 (-1 + T_1 T_2)}$$

Out[\*]=

{}

Out[\*]=

{c81, c82, c83, c84, c85, c86}

Out[\*]//Short=

$$\left\{ \frac{a_2 b_5 + a_2 b_3 T_1 - a_4 b_3 T_1 + \ll 26 \gg + c_{81} T_1^3 T_2^2 + c_{82} T_1^3 T_2^2 + c_{83} T_1^3 T_2^2}{T_1^2 T_2 (-1 + T_1 T_2)} = 0 \right\}$$

 **Solve**: Equations may not give solutions for all "solve" variables. 

Out[\*]=

$$\left\{ \left\{ c_{86} \rightarrow -c_{85} T_1 - c_{84} T_2 - c_{83} (1 - T_1 T_2) - c_{82} (T_1 - T_1 T_2) - \right. \right. \\ \left. \left. c_{81} (T_2 - T_1 T_2) - \frac{-a_2 b_5 - a_2 b_3 T_1 + a_4 b_3 T_1 - a_4 b_5 T_2 - a_4 b_3 T_1 T_2 + a_4 b_5 T_1 T_2}{T_1 (-1 + T_1 T_2)} \right\} \right\}$$

In[\*]:= **sol** /. (v\_  $\rightarrow$  val\_)  $\Rightarrow$  (v = **CF** [val]);

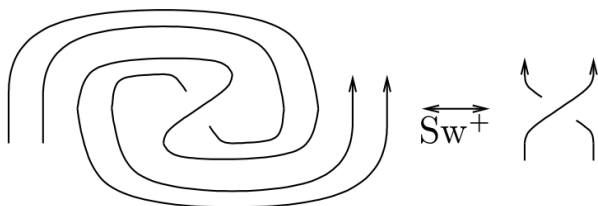
In[\*]:= **CF** [LeftR1r - RightR1r]

Out[\*]=

$\in$ Series [0, 0]



## Invariance Under Sw



```
In[*]:= Timing [ Short [ {LeftSw} = Cases [ { { F [ i, j ] L /@ ( Xi+1,j+1 [ 1 ] Ci [ -1 ] Cj [ -1 ] Ci+2 [ 1 ] Cj+2 [ 1 ] )
      d [ { VSi, VSj, VSi+, VSj+, VSi+2, VSj+2 } }, E [ E_ ] := E, ∞ ]
    ] ]
```

```
Out[*]= { 0.59375, { ∈Series [ T1 p1,3+i π1,i + <<11>> + p3,3+j π3,j,  $\frac{\ll 1 \gg}{\ll 1 \gg}$  + <<56>> +  $\frac{\ll 1 \gg}{\ll 1 \gg}$  ] ] }
```

```
In[*]:= Timing [ Short [ {RightSw} = Cases [ { { F [ i, j ] L /@ ( Xi+1,j+1 [ 1 ] Ci [ 0 ] Cj [ 0 ] Ci+2 [ 0 ] Cj+2 [ 0 ] )
      d [ { VSi, VSj, VSi+, VSj+, VSi+2, VSj+2 } }, E [ E_ ] := E, ∞ ]
    ] ]
```

```
Out[*]= { 0.265625, { ∈Series [ T1 p1,3+i π1,i + <<11>> + p3,3+j π3,j,  $\frac{\ll 1 \gg}{\ll 1 \gg}$  + <<56>> +  $\frac{\ll 1 \gg}{\ll 1 \gg}$  ] ] }
```

```
In[*]:= LeftSw == RightSw
```

```
Out[*]= True
```

## The Solution

```
In[*]:= Union@Cases [ L@Xi,j [ 1 ], ( a | b | c | d | e | f | g | h )_, ∞ ]
```

```
Out[*]= { a2, a4, b3, b5, c6, c7, c8, c9, c10, c16, c19, c21, c22, c23,
  c24, c25, c31, c34, c36, c39, c46, c49, c61, c64, c81, c82, c83, c84, c85 }
```

```
In[*]:= LeafCount@CF [ L@Xi,j [ 1 ] / . { c16|19|31|34|46|49|61|64|81|82|84|85 → 0, b3|5 → 1, a2|4 → 1, B → 1 } // .
  { c21 → -c6, c22 → -c7, c24 → -c9, c7 → -1 / T1, c8|10|23|25|83 → 0 } ]
```

```
Out[*]= 1310
```

```
In[*]:= LeafCount@CF [ L@Xi,j [ 1 ] / . { c16|19|31|34|46|49|61|64|81|82|84|85 → 0, b3|5 → 1, a2|4 → 1, B → 1 } // .
  { c21 → -c6, c22 → -c7, c24 → -c9, c7 → 0, c8|10|23|25|83 → 0 } ]
```

```
Out[*]= 1205
```



$$\begin{aligned}
& \frac{(T_1 - T_2) (-1 - T_2 + T_1 T_2) \rho_{1,j} \rho_{2,i} x_{1,i} x_{2,i}}{T_1^2 (-1 + T_2) (-1 + T_1 T_2)} + \frac{(T_1 - T_2) \rho_{1,i} \rho_{2,j} x_{1,i} x_{2,i}}{(-1 + T_1) (-1 + T_1 T_2)} - \\
& \frac{(1 - T_1 + 2 T_2 - T_1 T_2 + 2 T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{1,j} \rho_{2,j} x_{1,i} x_{2,i}}{T_1^2 T_2 (-1 + T_1 T_2)} + \\
& \frac{(T_1 - T_2) (-1 - T_2 + T_1 T_2) \rho_{1,j} \rho_{2,i} x_{1,j} x_{2,i}}{(-1 + T_1) T_1 (-1 + T_2) (-1 + T_1 T_2)} - \\
& \frac{(1 - T_1 + 2 T_2 - 2 T_1 T_2 + T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{1,j} \rho_{2,j} x_{1,j} x_{2,i}}{(-1 + T_1) T_1 T_2 (-1 + T_1 T_2)} + \frac{(T_1 - T_2) T_2 \rho_{1,i} \rho_{2,j} x_{1,i} x_{2,j}}{(-1 + T_1) (-1 + T_2) (-1 + T_1 T_2)} - \\
& \frac{(-1 + 2 T_1 T_2 - T_2^2) \rho_{1,j} \rho_{2,j} x_{1,i} x_{2,j}}{T_1 (-1 + T_2) (-1 + T_1 T_2)} - \frac{\rho_{1,j} \rho_{2,i} x_{3,i}}{T_1} - \frac{\rho_{1,i} \rho_{2,j} x_{3,i}}{T_2} + \frac{(T_1 + T_2) \rho_{1,j} \rho_{2,j} x_{3,i}}{T_1 T_2} + \\
& \frac{(-1 - T_2 + T_1 T_2 - T_2^2) \rho_{3,j} x_{3,i}}{T_1 T_2 (-1 + T_1 T_2)} - \frac{(-T_1 + T_2 - 2 T_1 T_2 + 2 T_1^2 T_2 + T_2^2 - T_1 T_2^2) \rho_{1,j} \rho_{3,i} x_{1,i} x_{3,i}}{T_1^2 (-1 + T_2) (-1 + T_1 T_2)} - \\
& \frac{(1 - T_1 + T_2 - 2 T_1 T_2 + 2 T_1^2 T_2 - T_1 T_2^2) \rho_{1,i} \rho_{3,j} x_{1,i} x_{3,i}}{(-1 + T_1) T_1^2 (-1 + T_2) T_2} + \\
& \frac{(1 - 2 T_1 + T_2 - 3 T_1 T_2 + 4 T_1^2 T_2 - T_1 T_2^2) \rho_{1,j} \rho_{3,j} x_{1,i} x_{3,i}}{T_1^3 (-1 + T_2) T_2} - \\
& \frac{(-T_1 + T_2 - 2 T_1 T_2 + 2 T_1^2 T_2 + T_2^2 - T_1 T_2^2) \rho_{1,j} \rho_{3,i} x_{1,j} x_{3,i}}{(-1 + T_1) T_1 (-1 + T_2) (-1 + T_1 T_2)} - \frac{(1 + T_2) \rho_{1,i} \rho_{3,j} x_{1,j} x_{3,i}}{T_1 (-1 + T_2) T_2} + \\
& \frac{(1 - 2 T_1 + T_1^2 + T_2 - 3 T_1 T_2 + 3 T_1^2 T_2 - T_1 T_2^2) \rho_{1,j} \rho_{3,j} x_{1,j} x_{3,i}}{(-1 + T_1) T_1^2 (-1 + T_2) T_2} - \\
& \frac{(-1 + T_1 T_2 + T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{2,j} \rho_{3,i} x_{2,i} x_{3,i}}{(-1 + T_1) T_1 T_2 (-1 + T_1 T_2)} - \\
& \frac{(-T_1 + T_2 + T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{2,i} \rho_{3,j} x_{2,i} x_{3,i}}{(-1 + T_1) T_1^2 (-1 + T_2) T_2} + \\
& \frac{(-T_1 + 2 T_2 + T_1^2 T_2 + 2 T_2^2 - 4 T_1 T_2^2) \rho_{2,j} \rho_{3,j} x_{2,i} x_{3,i}}{(-1 + T_1) T_1^2 T_2^2} - \\
& \frac{(-1 + T_1 T_2 + T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{2,j} \rho_{3,i} x_{2,j} x_{3,i}}{(-1 + T_1) T_1 (-1 + T_2) (-1 + T_1 T_2)} + \frac{\rho_{2,i} \rho_{3,j} x_{2,j} x_{3,i}}{(-1 + T_1) T_1} + \\
& \frac{(-1 - T_1 + T_1^2 + 2 T_1 T_2 + T_1^2 T_2 + T_2^2 - 3 T_1 T_2^2) \rho_{2,j} \rho_{3,j} x_{2,j} x_{3,i}}{(-1 + T_1) T_1^2 (-1 + T_2) T_2} + \frac{T_2 \rho_{1,i} \rho_{3,j} x_{1,i} x_{3,j}}{(-1 + T_1) (-1 + T_1 T_2)} + \\
& \frac{(-1 + 2 T_1 T_2 - T_2^2) \rho_{1,j} \rho_{3,j} x_{1,i} x_{3,j}}{T_1 (-1 + T_2) (-1 + T_1 T_2)} - \frac{(-1 - T_2 + T_1 T_2) \rho_{2,i} \rho_{3,j} x_{2,i} x_{3,j}}{T_1 (-1 + T_2) (-1 + T_1 T_2)} + \\
& \left. \frac{(1 - T_1 + 2 T_2 - 2 T_1 T_2 + T_1^2 T_2 + T_2^2 - 2 T_1 T_2^2) \rho_{2,j} \rho_{3,j} x_{2,i} x_{3,j}}{(-1 + T_1) T_1 T_2 (-1 + T_1 T_2)} \right] ] ]
\end{aligned}$$

```
In[*]:= MatrixForm@CF[{
  {r0[1, i, j], r1[1, i, j]},
  {r0[-1, i, j], r1[-1, i, j]},
  {(-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2), (-b3 + b5 + b3 T1 - b5 T2)}
} /. {b3 -> 0, a4 -> 0, b5 -> T1, a2 -> T1}]
```

```
Out[*]//MatrixForm=

$$\begin{pmatrix} T_1 p_{3,j} x_{1,i} x_{2,i} - p_{3,j} x_{1,j} x_{2,i} & T_1 p_{1,j} p_{2,i} x_{3,i} - T_1 p_{1,j} p_{2,j} x_{3,i} \\ -\frac{p_{3,j} x_{1,i} x_{2,i}}{T_1 T_2} + \frac{p_{3,j} x_{1,j} x_{2,i}}{T_2} & -p_{1,j} p_{2,i} x_{3,i} + p_{1,j} p_{2,j} x_{3,i} \\ (-1 + T_1) T_1 & -T_1 (-1 + T_2) \end{pmatrix}$$

```

```
In[*]:= MatrixForm@CF[{
  {r0[1, i, j], r1[1, i, j]},
  {r0[-1, i, j], r1[-1, i, j]},
  {(-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2), (-b3 + b5 + b3 T1 - b5 T2)}
} /. {b3 -> 0, a4 -> 0, b5 -> 1, a2 -> 1}]
```

```
Out[*]//MatrixForm=

$$\begin{pmatrix} p_{3,j} x_{1,i} x_{2,i} - \frac{p_{3,j} x_{1,j} x_{2,i}}{T_1} & p_{1,j} p_{2,i} x_{3,i} - p_{1,j} p_{2,j} x_{3,i} \\ -\frac{p_{3,j} x_{1,i} x_{2,i}}{T_1^2 T_2} + \frac{p_{3,j} x_{1,j} x_{2,i}}{T_1 T_2} & -\frac{p_{1,j} p_{2,i} x_{3,i}}{T_1} + \frac{p_{1,j} p_{2,j} x_{3,i}}{T_1} \\ -1 + T_1 & 1 - T_2 \end{pmatrix}$$

```

```
In[*]:= MatrixForm@CF[{
  {r0[1, i, j], r1[1, i, j]},
  {r0[-1, i, j], r1[-1, i, j]},
  {(-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2), (-b3 + b5 + b3 T1 - b5 T2)}
} /. {b3 -> T2^{1/2}, b5 -> -T1^{1/2}, a4 -> T1^{1/2}, a2 -> -\sqrt{T1} T2}]
```

```
Out[*]//MatrixForm=

$$\begin{pmatrix} -\sqrt{T_1} T_2 p_{3,j} x_{1,i} x_{2,i} + \sqrt{T_1} p_{3,j} x_{1,i} x_{2,j} & -\sqrt{T_1} p_{1,j} p_{2,i} x_{3,i} + \sqrt{T_2} p_{1,i} p_{2,j} x_{3,i} + (\sqrt{T_1} - \sqrt{T_2}) p_{1,j} p_{2,j} x_{3,i} \\ \frac{p_{3,j} x_{1,i} x_{2,i}}{\sqrt{T_1} T_2} - \frac{p_{3,j} x_{1,i} x_{2,j}}{\sqrt{T_1}} & \frac{p_{1,j} p_{2,i} x_{3,i}}{\sqrt{T_1}} - \frac{p_{1,i} p_{2,j} x_{3,i}}{\sqrt{T_2}} + \frac{(\sqrt{T_1} - \sqrt{T_2}) p_{1,j} p_{2,j} x_{3,i}}{\sqrt{T_1} \sqrt{T_2}} \\ T_1^{3/2} (-1 + T_2) & (\sqrt{T_1} + \sqrt{T_2}) (-1 + \sqrt{T_1} \sqrt{T_2}) \end{pmatrix}$$

```

```
In[*]:= MatrixForm@CF[{
  {r0[1, i, j], r1[1, i, j]},
  {r0[-1, i, j], r1[-1, i, j]},
  {(-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2), (-b3 + b5 + b3 T1 - b5 T2)}
} /. {a2 -> -T2 a4, b5 -> -b3 T1} /. {b3 -> T1 - 1, a4 -> 1}]
```

```
Out[*]//MatrixForm=

$$\begin{pmatrix} -T_2 p_{3,j} x_{1,i} x_{2,i} + p_{3,j} x_{1,i} x_{2,j} & -((-1 + T_1) T_1 p_{1,j} p_{2,i} x_{3,i}) + (-1 + T_1) p_{1,i} p_{2,j} x_{3,i} + (-1 + T_1)^2 p_{1,j} p_{2,j} x_{3,i} \\ \frac{p_{3,j} x_{1,i} x_{2,i}}{T_1 T_2} - \frac{p_{3,j} x_{1,i} x_{2,j}}{T_1} & (-1 + T_1) p_{1,j} p_{2,i} x_{3,i} - \frac{(-1 + T_1) p_{1,i} p_{2,j} x_{3,i}}{T_2} - \frac{(-1 + T_1) (-1 + T_2) p_{1,j} p_{2,j} x_{3,i}}{T_2} \\ T_1 (-1 + T_2) & (-1 + T_1) (-1 + T_1 T_2) \end{pmatrix}$$

```

```
In[*]:= MatrixForm@CF[{
  {r0[1, i, j], r1[1, i, j]},
  {r0[-1, i, j], r1[-1, i, j]},
  {(-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2), (-b3 + b5 + b3 T1 - b5 T2)}
} /. {a2 -> -T2 a4, b5 -> -b3 T1} /. {b3 -> 1, a4 -> 1 - T1^-1}]
```

```
Out[*]//MatrixForm=
(
  - ((-1+T1) T2 p3,j x1,i x2,i) / T1 + ((-1+T1) p3,j x1,i x2,j) / T1 - T1 p1,j p2,i x3,i + p1,i p2,j x3,i + (-1 + T1) p1,j p2,j x3,i
  ( (-1+T1) p3,j x1,i x2,i) / T1^2 T2 - ((-1+T1) p3,j x1,i x2,j) / T1^2
  p1,j p2,i x3,i - p1,i p2,j x3,i - ((-1+T2) p1,j p2,j x3,i) / T2
  (-1 + T1) (-1 + T2)
  -1 + T1 T2
)
```

```
In[*]:= {b3 -> T2^(1/2) b3, b5 -> T1^(1/2) b5}, {b3 -> T2, b5 -> -T1, a2 -> T1 - T2, a4 -> 1}
```


```
In[*]:= L[Ck[1]]
```

```
Out[*]=
T1 T2 E[Series[(-p1,k + p1,1+k) x1,k + (-p2,k + p2,1+k) x2,k + (-p3,k + p3,1+k) x3,k,
(C16 + C31 + C46 + C61) p1,k x1,k + (C19 + C34 + C49 + C64) p2,k x2,k +
(-b3 + b5 + b3 T1 - b5 T2) (-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2) p3,k x3,k] /
(-1 + T1) T1 (-1 + T2) (-1 + T1 T2)]
```

```
In[*]:= Factor[ ( (-b3 + b5 + b3 T1 - b5 T2) (-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2) p3,k x3,k ) /
( (-1 + T1) T1 (-1 + T2) (-1 + T1 T2) ) ] /.
{a2 -> -T2 a4, b5 -> -b3 T1} /. {b3 -> T1 - 1, a4 -> 1}]
```

```
Out[*]=
p3,k x3,k
```

```
In[*]:= L[Ck[1]] /. C16|19|31|34|46|49|61|64|81|82|84|85 -> 0 /. T2 -> 1
```

Power: Infinite expression  $\frac{1}{0}$  encountered. 

```
Out[*]=
T1 E[Series[(-p1,k + p1,1+k) x1,k + (-p2,k + p2,1+k) x2,k + (-p3,k + p3,1+k) x3,k, ComplexInfinity]]
```

```
In[*]:= L[Ck[-1]]
```

```
Out[*]=
1 / T1 T2 E[Series[(-p1,k + p1,1+k) x1,k + (-p2,k + p2,1+k) x2,k + (-p3,k + p3,1+k) x3,k,
(-C16 - C31 - C46 - C61) p1,k x1,k + (-C19 - C34 - C49 - C64) p2,k x2,k -
(-b3 + b5 + b3 T1 - b5 T2) (-a2 + a2 T1 - a4 T1 - a4 T2 + 2 a4 T1 T2) p3,k x3,k] /
(-1 + T1) T1 (-1 + T2) (-1 + T1 T2)]
```

## Some Knots

`In[*]:= tab1 = Last /@ Table [K = Knot [n, 1];`

`Echo@Timing [K →  $\int \mathcal{L}[K] \, d vs [K]$ ],`

`{n, 3, 10}];`

» {1.90625,

Knot [3, 1] → - ( ( i T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> E [ ∈Series [0, - ( (-c<sub>81</sub> - c<sub>82</sub> - c<sub>84</sub> - c<sub>85</sub> + c<sub>16</sub> T<sub>1</sub> + c<sub>31</sub> T<sub>1</sub> + c<sub>46</sub> T<sub>1</sub> + c<sub>61</sub> T<sub>1</sub> + 5 c<sub>81</sub> T<sub>1</sub> + 4 c<sub>82</sub> T<sub>1</sub> + 4 c<sub>84</sub> T<sub>1</sub> + 4 c<sub>85</sub> T<sub>1</sub> - 3 c<sub>16</sub> T<sub>1</sub><sup>2</sup> - 3 c<sub>31</sub> T<sub>1</sub><sup>2</sup> - 3 c<sub>46</sub> T<sub>1</sub><sup>2</sup> - 3 c<sub>61</sub> T<sub>1</sub><sup>2</sup> - 10 c<sub>81</sub> T<sub>1</sub><sup>2</sup> - 8 c<sub>82</sub> T<sub>1</sub><sup>2</sup> - 6 c<sub>84</sub> T<sub>1</sub><sup>2</sup> - 8 c<sub>85</sub> T<sub>1</sub><sup>2</sup> + 5 c<sub>16</sub> T<sub>1</sub><sup>3</sup> + 5 c<sub>31</sub> T<sub>1</sub><sup>3</sup> + 5 c<sub>46</sub> T<sub>1</sub><sup>3</sup> + 5 c<sub>61</sub> T<sub>1</sub><sup>3</sup> + 11 c<sub>81</sub> T<sub>1</sub><sup>3</sup> + 10 c<sub>82</sub> T<sub>1</sub><sup>3</sup> + 5 c<sub>84</sub> T<sub>1</sub><sup>3</sup> + 10 c<sub>85</sub> T<sub>1</sub><sup>3</sup> - 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a<sub>4</sub> b<sub>3</sub> T<sub>1</sub> T<sub>2</sub> - 3 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub> + a<sub>4</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>16</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>19</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>31</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>34</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>46</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>49</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>61</sub> T<sub>1</sub> T<sub>2</sub> - 3 c<sub>64</sub> T<sub>1</sub> T<sub>2</sub> - 17 c<sub>81</sub> T<sub>1</sub> T<sub>2</sub> - 17 c<sub>82</sub> T<sub>1</sub> T<sub>2</sub> - 13 c<sub>84</sub> T<sub>1</sub> T<sub>2</sub> - 13 c<sub>85</sub> T<sub>1</sub> T<sub>2</sub> - 8 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 3 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 5 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> - 2 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 7 c<sub>16</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 5 c<sub>19</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 7 c<sub>31</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 5 c<sub>34</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 7 c<sub>46</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 5 c<sub>49</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 7 c<sub>61</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 5 c<sub>64</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 28 c<sub>81</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 28 c<sub>82</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 15 c<sub>84</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 20 c<sub>85</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub> + 10 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> + 3 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 9 c<sub>16</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 c<sub>19</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 9 c<sub>31</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 c<sub>34</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 9 c<sub>46</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 c<sub>49</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 9 c<sub>61</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 5 c<sub>64</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 23 c<sub>81</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 26 c<sub>82</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 8 c<sub>84</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 16 c<sub>85</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub> - 8 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 5 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 3 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> - 2 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 5 c<sub>16</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 3 c<sub>19</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 5 c<sub>31</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 3 c<sub>34</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 5 c<sub>46</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 3 c<sub>49</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 5 c<sub>61</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 3 c<sub>64</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 7 c<sub>81</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 10 c<sub>82</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> - c<sub>84</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 2 c<sub>85</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub> + 4 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub> - 3 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub> - a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub> + a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub> + 4 c<sub>16</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub> - 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3 c<sub>81</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub> - 7 c<sub>82</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub> - 8 c<sub>85</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub> + 3 c<sub>82</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub> + 3 c<sub>85</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub> + 2 a<sub>2</sub> b<sub>3</sub> T<sub>2</sub><sup>2</sup> - a<sub>4</sub> b<sub>3</sub> T<sub>2</sub><sup>2</sup> - 3 a<sub>2</sub> b<sub>5</sub> T<sub>2</sub><sup>2</sup> + a<sub>4</sub> b<sub>5</sub> T<sub>2</sub><sup>2</sup> - 3 c<sub>19</sub> T<sub>2</sub><sup>2</sup> - 3 c<sub>34</sub> T<sub>2</sub><sup>2</sup> - 3 c<sub>49</sub> T<sub>2</sub><sup>2</sup> - 3 c<sub>64</sub> T<sub>2</sub><sup>2</sup> - 8 c<sub>81</sub> T<sub>2</sub><sup>2</sup> - 10 c<sub>82</sub> T<sub>2</sub><sup>2</sup> - 8 c<sub>84</sub> T<sub>2</sub><sup>2</sup> - 6 c<sub>85</sub> T<sub>2</sub><sup>2</sup> - 7 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 7 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 8 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> - 7 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 5 c<sub>16</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 7 c<sub>19</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 5 c<sub>31</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 7 c<sub>34</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 5 c<sub>46</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 7 c<sub>49</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 5 c<sub>61</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 7 c<sub>64</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 28 c<sub>81</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 28 c<sub>82</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 20 c<sub>84</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 15 c<sub>85</sub> T<sub>1</sub> T<sub>2</sub><sup>2</sup> + 11 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 16 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 11 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> + 12 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>16</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>19</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>31</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>34</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>46</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>49</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>61</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 9 c<sub>64</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 34 c<sub>81</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 34 c<sub>82</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 14 c<sub>84</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 14 c<sub>85</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>2</sup> - 8 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 21 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 7 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> - 14 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 9 c<sub>16</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 5 c<sub>19</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 9 c<sub>31</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 5 c<sub>34</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 9 c<sub>46</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 5 c<sub>49</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 9 c<sub>61</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 5 c<sub>64</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 11 c<sub>81</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> + 12 c<sub>82</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> - 3 c<sub>84</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> - 4 c<sub>85</sub> T<sub>1</sub><sup>3</sup> T<sub>2</sub><sup>2</sup> - a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>4</sup> T<sub>2</sub><sup>2</sup> - 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3 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 10 c<sub>16</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 3 c<sub>19</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 10 c<sub>31</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 3 c<sub>34</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 10 c<sub>46</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 10 c<sub>49</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 10 c<sub>61</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 3 c<sub>64</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 22 c<sub>81</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 36 c<sub>82</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 8 c<sub>84</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 28 c<sub>85</sub> T<sub>1</sub><sup>5</sup> T<sub>2</sub><sup>2</sup> - 6 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> - 2 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>16</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>19</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>31</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>34</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>46</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>49</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>61</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 c<sub>64</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 7 c<sub>81</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 22 c<sub>82</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> - c<sub>84</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 14 c<sub>85</sub> T<sub>1</sub><sup>6</sup> T<sub>2</sub><sup>2</sup> + 2 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> - 2 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> + 4 c<sub>16</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> + 4 c<sub>31</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> + 4 c<sub>46</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> + 4 c<sub>61</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> + c<sub>81</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> - 4 c<sub>82</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> - c<sub>85</sub> T<sub>1</sub><sup>7</sup> T<sub>2</sub><sup>2</sup> - 2 c<sub>82</sub> T<sub>1</sub><sup>8</sup> T<sub>2</sub><sup>2</sup> - 2 c<sub>85</sub> T<sub>1</sub><sup>8</sup> T<sub>2</sub><sup>2</sup> - 3 a<sub>2</sub> b<sub>3</sub> T<sub>2</sub><sup>3</sup> + 2 a<sub>4</sub> b<sub>3</sub> T<sub>2</sub><sup>3</sup> + 5 a<sub>2</sub> b<sub>5</sub> T<sub>2</sub><sup>3</sup> - 3 a<sub>4</sub> b<sub>5</sub> T<sub>2</sub><sup>3</sup> + 5 c<sub>19</sub> T<sub>2</sub><sup>3</sup> + 5 c<sub>34</sub> T<sub>2</sub><sup>3</sup> + 5 c<sub>49</sub> T<sub>2</sub><sup>3</sup> + 5 c<sub>64</sub> T<sub>2</sub><sup>3</sup> + 10 c<sub>81</sub> T<sub>2</sub><sup>3</sup> + 11 c<sub>82</sub> T<sub>2</sub><sup>3</sup> + 10 c<sub>84</sub> T<sub>2</sub><sup>3</sup> + 5 c<sub>85</sub> T<sub>2</sub><sup>3</sup> + 9 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 12 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 11 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> + 16 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 5 c<sub>16</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 9 c<sub>19</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 5 c<sub>31</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 9 c<sub>34</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 5 c<sub>46</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 9 c<sub>49</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 5 c<sub>61</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 9 c<sub>64</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 26 c<sub>81</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 23 c<sub>82</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 16 c<sub>84</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 8 c<sub>85</sub> T<sub>1</sub> T<sub>2</sub><sup>3</sup> - 11 a<sub>2</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 22 a<sub>4</sub> b<sub>3</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 11 a<sub>2</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> - 22 a<sub>4</sub> b<sub>5</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 5 c<sub>16</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 9 c<sub>19</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 5 c<sub>31</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> + 9 c<sub>34</sub> T<sub>1</sub><sup>2</sup> T<sub>2</sub><sup>3</sup> +

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$$\begin{aligned}
 & 5 c_{46} T_1^2 T_2^3 + 9 c_{49} T_1^2 T_2^3 + 5 c_{61} T_1^2 T_2^3 + 9 c_{64} T_1^2 T_2^3 + 12 c_{81} T_1^2 T_2^3 + 11 c_{82} T_1^2 T_2^3 - 4 c_{84} T_1^2 T_2^3 - \\
 & 3 c_{85} T_1^2 T_2^3 + 2 a_2 b_3 T_1^3 T_2^3 - 19 a_4 b_3 T_1^3 T_2^3 + a_2 b_5 T_1^3 T_2^3 + 18 a_4 b_5 T_1^3 T_2^3 - c_{16} T_1^3 T_2^3 - c_{19} T_1^3 T_2^3 - \\
 & c_{31} T_1^3 T_2^3 - c_{34} T_1^3 T_2^3 - c_{46} T_1^3 T_2^3 - c_{49} T_1^3 T_2^3 - c_{61} T_1^3 T_2^3 - c_{64} T_1^3 T_2^3 + 30 c_{81} T_1^3 T_2^3 + 30 c_{82} T_1^3 T_2^3 + \\
 & 26 c_{84} T_1^3 T_2^3 + 26 c_{85} T_1^3 T_2^3 + 13 a_2 b_3 T_1^4 T_2^3 - 2 a_4 b_3 T_1^4 T_2^3 - 13 a_2 b_5 T_1^4 T_2^3 + 5 a_4 b_5 T_1^4 T_2^3 - \\
 & 8 c_{16} T_1^4 T_2^3 - 5 c_{19} T_1^4 T_2^3 - 8 c_{31} T_1^4 T_2^3 - 5 c_{34} T_1^4 T_2^3 - 8 c_{46} T_1^4 T_2^3 - 5 c_{49} T_1^4 T_2^3 - 8 c_{61} T_1^4 T_2^3 - \\
 & 5 c_{64} T_1^4 T_2^3 - 54 c_{81} T_1^4 T_2^3 - 66 c_{82} T_1^4 T_2^3 - 28 c_{84} T_1^4 T_2^3 - 40 c_{85} T_1^4 T_2^3 - 19 a_2 b_3 T_1^5 T_2^3 + 20 a_4 b_3 T_1^5 T_2^3 + \\
 & 13 a_2 b_5 T_1^5 T_2^3 - 11 a_4 b_5 T_1^5 T_2^3 + 13 c_{16} T_1^5 T_2^3 + 3 c_{19} T_1^5 T_2^3 + 13 c_{31} T_1^5 T_2^3 + 3 c_{34} T_1^5 T_2^3 + 13 c_{46} T_1^5 T_2^3 + \\
 & 3 c_{49} T_1^5 T_2^3 + 13 c_{61} T_1^5 T_2^3 + 3 c_{64} T_1^5 T_2^3 + 36 c_{81} T_1^5 T_2^3 + 54 c_{82} T_1^5 T_2^3 + 8 c_{84} T_1^5 T_2^3 + 26 c_{85} T_1^5 T_2^3 + \\
 & 13 a_2 b_3 T_1^6 T_2^3 - 19 a_4 b_3 T_1^6 T_2^3 - 6 a_2 b_5 T_1^6 T_2^3 + 10 a_4 b_5 T_1^6 T_2^3 + 5 c_{16} T_1^6 T_2^3 + 5 c_{31} T_1^6 T_2^3 + \\
 & 5 c_{46} T_1^6 T_2^3 + 5 c_{61} T_1^6 T_2^3 - 4 c_{81} T_1^6 T_2^3 - 17 c_{82} T_1^6 T_2^3 + 4 c_{84} T_1^6 T_2^3 - 3 c_{85} T_1^6 T_2^3 - 4 a_2 b_3 T_1^7 T_2^3 + \\
 & 8 a_4 b_3 T_1^7 T_2^3 - 7 c_{16} T_1^7 T_2^3 - 2 c_{19} T_1^7 T_2^3 - 7 c_{31} T_1^7 T_2^3 - 2 c_{34} T_1^7 T_2^3 - 7 c_{46} T_1^7 T_2^3 - 2 c_{49} T_1^7 T_2^3 - \\
 & 7 c_{61} T_1^7 T_2^3 - 2 c_{64} T_1^7 T_2^3 - 4 c_{81} T_1^7 T_2^3 - 7 c_{82} T_1^7 T_2^3 - 8 c_{85} T_1^7 T_2^3 - 2 c_{16} T_1^8 T_2^3 - 2 c_{31} T_1^8 T_2^3 - \\
 & 2 c_{46} T_1^8 T_2^3 - 2 c_{61} T_1^8 T_2^3 + 7 c_{82} T_1^8 T_2^3 + 5 c_{85} T_1^8 T_2^3 + 2 a_2 b_3 T_1^4 T_2^4 - 3 a_4 b_3 T_1^4 T_2^4 - 5 a_2 b_5 T_1^4 T_2^4 + 5 a_4 b_5 T_1^4 T_2^4 - \\
 & 5 c_{19} T_1^4 T_2^4 - 5 c_{34} T_1^4 T_2^4 - 5 c_{49} T_1^4 T_2^4 - 5 c_{64} T_1^4 T_2^4 - 8 c_{81} T_1^4 T_2^4 - 7 c_{82} T_1^4 T_2^4 - 8 c_{84} T_1^4 T_2^4 - 2 c_{85} T_1^4 T_2^4 - 3 a_2 b_3 T_1 T_2^4 + \\
 & 14 a_4 b_3 T_1 T_2^4 + 7 a_2 b_5 T_1 T_2^4 - 21 a_4 b_5 T_1 T_2^4 + 3 c_{16} T_1 T_2^4 + 5 c_{19} T_1 T_2^4 + 3 c_{31} T_1 T_2^4 + 5 c_{34} T_1 T_2^4 + \\
 & 3 c_{46} T_1 T_2^4 + 5 c_{49} T_1 T_2^4 + 3 c_{61} T_1 T_2^4 + 5 c_{64} T_1 T_2^4 + 10 c_{81} T_1 T_2^4 + 7 c_{82} T_1 T_2^4 + 2 c_{84} T_1 T_2^4 - \\
 & c_{85} T_1 T_2^4 - 5 a_2 b_3 T_1^2 T_2^4 - 18 a_4 b_3 T_1^2 T_2^4 + a_2 b_5 T_1^2 T_2^4 + 19 a_4 b_5 T_1^2 T_2^4 + c_{16} T_1^2 T_2^4 - c_{19} T_1^2 T_2^4 + \\
 & c_{31} T_1^2 T_2^4 - c_{34} T_1^2 T_2^4 + c_{46} T_1^2 T_2^4 - c_{49} T_1^2 T_2^4 + c_{61} T_1^2 T_2^4 - c_{64} T_1^2 T_2^4 + 24 c_{81} T_1^2 T_2^4 + 17 c_{82} T_1^2 T_2^4 + \\
 & 26 c_{84} T_1^2 T_2^4 + 14 c_{85} T_1^2 T_2^4 + 24 a_2 b_3 T_1^3 T_2^4 + a_4 b_3 T_1^3 T_2^4 - 21 a_2 b_5 T_1^3 T_2^4 - a_4 b_5 T_1^3 T_2^4 - 5 c_{16} T_1^3 T_2^4 - \\
 & 8 c_{19} T_1^3 T_2^4 - 5 c_{31} T_1^3 T_2^4 - 8 c_{34} T_1^3 T_2^4 - 5 c_{46} T_1^3 T_2^4 - 8 c_{49} T_1^3 T_2^4 - 5 c_{61} T_1^3 T_2^4 - 8 c_{64} T_1^3 T_2^4 - \\
 & 66 c_{81} T_1^3 T_2^4 - 54 c_{82} T_1^3 T_2^4 - 40 c_{84} T_1^3 T_2^4 - 28 c_{85} T_1^3 T_2^4 - 41 a_2 b_3 T_1^4 T_2^4 + 34 a_4 b_3 T_1^4 T_2^4 + \\
 & 33 a_2 b_5 T_1^4 T_2^4 - 37 a_4 b_5 T_1^4 T_2^4 + 8 c_{16} T_1^4 T_2^4 + 8 c_{19} T_1^4 T_2^4 + 8 c_{31} T_1^4 T_2^4 + 8 c_{34} T_1^4 T_2^4 + 8 c_{46} T_1^4 T_2^4 + \\
 & 8 c_{49} T_1^4 T_2^4 + 8 c_{61} T_1^4 T_2^4 + 8 c_{64} T_1^4 T_2^4 + 66 c_{81} T_1^4 T_2^4 + 66 c_{82} T_1^4 T_2^4 + 26 c_{84} T_1^4 T_2^4 + 26 c_{85} T_1^4 T_2^4 + \\
 & 39 a_2 b_3 T_1^5 T_2^4 - 52 a_4 b_3 T_1^5 T_2^4 - 25 a_2 b_5 T_1^5 T_2^4 + 35 a_4 b_5 T_1^5 T_2^4 - 3 c_{16} T_1^5 T_2^4 - 3 c_{31} T_1^5 T_2^4 - \\
 & 3 c_{46} T_1^5 T_2^4 - 3 c_{61} T_1^5 T_2^4 - 24 c_{81} T_1^5 T_2^4 - 30 c_{82} T_1^5 T_2^4 + 2 c_{84} T_1^5 T_2^4 - 4 c_{85} T_1^5 T_2^4 - 22 a_2 b_3 T_1^6 T_2^4 + \\
 & 38 a_4 b_3 T_1^6 T_2^4 + 10 a_2 b_5 T_1^6 T_2^4 - 22 a_4 b_5 T_1^6 T_2^4 - 15 c_{16} T_1^6 T_2^4 - 3 c_{19} T_1^6 T_2^4 - 15 c_{31} T_1^6 T_2^4 - \\
 & 3 c_{34} T_1^6 T_2^4 - 15 c_{46} T_1^6 T_2^4 - 3 c_{49} T_1^6 T_2^4 - 15 c_{61} T_1^6 T_2^4 - 3 c_{64} T_1^6 T_2^4 - 10 c_{81} T_1^6 T_2^4 - 11 c_{82} T_1^6 T_2^4 - \\
 & 8 c_{84} T_1^6 T_2^4 - 14 c_{85} T_1^6 T_2^4 + 6 a_2 b_3 T_1^7 T_2^4 - 14 a_4 b_3 T_1^7 T_2^4 + 5 c_{16} T_1^7 T_2^4 + 3 c_{19} T_1^7 T_2^4 + 5 c_{31} T_1^7 T_2^4 + \\
 & 3 c_{34} T_1^7 T_2^4 + 5 c_{46} T_1^7 T_2^4 + 3 c_{49} T_1^7 T_2^4 + 5 c_{61} T_1^7 T_2^4 + 3 c_{64} T_1^7 T_2^4 + 8 c_{81} T_1^7 T_2^4 + 23 c_{82} T_1^7 T_2^4 + \\
 & 15 c_{85} T_1^7 T_2^4 + 6 c_{16} T_1^8 T_2^4 + c_{19} T_1^8 T_2^4 + 6 c_{31} T_1^8 T_2^4 + c_{34} T_1^8 T_2^4 + 6 c_{46} T_1^8 T_2^4 + c_{49} T_1^8 T_2^4 + 6 c_{61} T_1^8 T_2^4 + \\
 & c_{64} T_1^8 T_2^4 - 11 c_{82} T_1^8 T_2^4 - 6 c_{85} T_1^8 T_2^4 - a_2 b_3 T_1^5 T_2^5 + 2 a_4 b_3 T_1^5 T_2^5 + 3 a_2 b_5 T_1^5 T_2^5 - 5 a_4 b_5 T_1^5 T_2^5 + 2 c_{19} T_1^5 T_2^5 + \\
 & 2 c_{34} T_1^5 T_2^5 + 2 c_{49} T_1^5 T_2^5 + 2 c_{64} T_1^5 T_2^5 + 4 c_{81} T_1^5 T_2^5 + 2 c_{82} T_1^5 T_2^5 + 4 c_{84} T_1^5 T_2^5 - 6 a_2 b_3 T_1 T_2^5 + 15 a_4 b_3 T_1 T_2^5 - \\
 & c_{16} T_1 T_2^5 + 4 c_{19} T_1 T_2^5 - c_{31} T_1 T_2^5 + 4 c_{34} T_1 T_2^5 - c_{46} T_1 T_2^5 + 4 c_{49} T_1 T_2^5 - c_{61} T_1 T_2^5 + 4 c_{64} T_1 T_2^5 + \\
 & 4 c_{81} T_1 T_2^5 + 4 c_{82} T_1 T_2^5 + 8 c_{84} T_1 T_2^5 + 3 c_{85} T_1 T_2^5 + 8 a_2 b_3 T_1^2 T_2^5 - 5 a_4 b_3 T_1^2 T_2^5 - 13 a_2 b_5 T_1^2 T_2^5 + \\
 & 2 a_4 b_5 T_1^2 T_2^5 - 3 c_{16} T_1^2 T_2^5 - 10 c_{19} T_1^2 T_2^5 - 3 c_{31} T_1^2 T_2^5 - 10 c_{34} T_1^2 T_2^5 - 3 c_{46} T_1^2 T_2^5 - 10 c_{49} T_1^2 T_2^5 - \\
 & 3 c_{61} T_1^2 T_2^5 - 10 c_{64} T_1^2 T_2^5 - 36 c_{81} T_1^2 T_2^5 - 22 c_{82} T_1^2 T_2^5 - 28 c_{84} T_1^2 T_2^5 - 8 c_{85} T_1^2 T_2^5 - 22 a_2 b_3 T_1^3 T_2^5 + \\
 & 37 a_4 b_3 T_1^3 T_2^5 + 33 a_2 b_5 T_1^3 T_2^5 - 34 a_4 b_5 T_1^3 T_2^5 + 3 c_{16} T_1^3 T_2^5 + 13 c_{19} T_1^3 T_2^5 + 3 c_{31} T_1^3 T_2^5 + \\
 & 13 c_{34} T_1^3 T_2^5 + 3 c_{46} T_1^3 T_2^5 + 13 c_{49} T_1^3 T_2^5 + 3 c_{61} T_1^3 T_2^5 + 13 c_{64} T_1^3 T_2^5 + 54 c_{81} T_1^3 T_2^5 + 36 c_{82} T_1^3 T_2^5 + \\
 & 26 c_{84} T_1^3 T_2^5 + 8 c_{85} T_1^3 T_2^5 + 32 a_2 b_3 T_1^4 T_2^5 - 74 a_4 b_3 T_1^4 T_2^5 - 40 a_2 b_5 T_1^4 T_2^5 + 74 a_4 b_5 T_1^4 T_2^5 - \\
 & 3 c_{19} T_1^4 T_2^5 - 3 c_{34} T_1^4 T_2^5 - 3 c_{49} T_1^4 T_2^5 - 3 c_{64} T_1^4 T_2^5 - 30 c_{81} T_1^4 T_2^5 - 24 c_{82} T_1^4 T_2^5 - 4 c_{84} T_1^4 T_2^5 + \\
 & 2 c_{85} T_1^4 T_2^5 - 28 a_2 b_3 T_1^5 T_2^5 + 79 a_4 b_3 T_1^5 T_2^5 + 27 a_2 b_5 T_1^5 T_2^5 - 57 a_4 b_5 T_1^5 T_2^5 - 7 c_{16} T_1^5 T_2^5 - \\
 & 7 c_{19} T_1^5 T_2^5 - 7 c_{31} T_1^5 T_2^5 - 7 c_{34} T_1^5 T_2^5 - 7 c_{46} T_1^5 T_2^5 - 7 c_{49} T_1^5 T_2^5 - 7 c_{61} T_1^5 T_2^5 - 7 c_{64} T_1^5 T_2^5 - \\
 & 12 c_{81} T_1^5 T_2^5 - 12 c_{82} T_1^5 T_2^5 - 16 c_{84} T_1^5 T_2^5 - 16 c_{85} T_1^5 T_2^5 + 15 a_2 b_3 T_1^6 T_2^5 - 49 a_4 b_3 T_1^6 T_2^5 - \\
 & 10 a_2 b_5 T_1^6 T_2^5 + 30 a_4 b_5 T_1^6 T_2^5 + 13 c_{16} T_1^6 T_2^5 + 5 c_{19} T_1^6 T_2^5 + 13 c_{31} T_1^6 T_2^5 + 5 c_{34} T_1^6 T_2^5 + \\
 & 13 c_{46} T_1^6 T_2^5 + 5 c_{49} T_1^6 T_2^5 + 13 c_{61} T_1^6 T_2^5 + 5 c_{64} T_1^6 T_2^5 + 26 c_{81} T_1^6 T_2^5 + 34 c_{82} T_1^6 T_2^5 + 10 c_{84} T_1^6 T_2^5 + \\
 & 20 c_{85} T_1^6 T_2^5 - 4 a_2 b_3 T_1^7 T_2^5 + 16 a_4 b_3 T_1^7 T_2^5 + 5 c_{16} T_1^7 T_2^5 - c_{19} T_1^7 T_2^5 + 5 c_{31} T_1^7 T_2^5 - c_{34} T_1^7 T_2^5 + \\
 & 5 c_{46} T_1^7 T_2^5 - c_{49} T_1^7 T_2^5 + 5 c_{61} T_1^7 T_2^5 - c_{64} T_1^7 T_2^5 - 10 c_{81} T_1^7 T_2^5 - 28 c_{82} T_1^7 T_2^5 - 13 c_{85} T_1^7 T_2^5 - \\
 & 10 c_{16} T_1^8 T_2^5 - 3 c_{19} T_1^8 T_2^5 - 10 c_{31} T_1^8 T_2^5 - 3 c_{34} T_1^8 T_2^5 - 10 c_{46} T_1^8 T_2^5 - 3 c_{49} T_1^8 T_2^5 - 10 c_{61} T_1^8 T_2^5 - \\
 & 3 c_{64} T_1^8 T_2^5 + 10 c_{82} T_1^8 T_2^5 + 4 c_{85} T_1^8 T_2^5 - a_4 b_3 T_1^6 T_2^6 - a_2 b_5 T_1^6 T_2^6 + 3 a_4 b_5 T_1^6 T_2^6 - c_{81} T_1^6 T_2^6 - c_{84} T_1^6 T_2^6 + \\
 & 2 a_2 b_3 T_1 T_2^6 + a_4 b_3 T_1 T_2^6 - 3 a_2 b_5 T_1 T_2^6 - 4 a_4 b_5 T_1 T_2^6 - 4 c_{19} T_1 T_2^6 - 4 c_{34} T_1 T_2^6 - 4 c_{49} T_1 T_2^6 -
 \end{aligned}$$

$$\begin{aligned}
 & 4 c_{64} T_1 T_2^6 - 7 c_{81} T_1 T_2^6 - 3 c_{82} T_1 T_2^6 - 8 c_{84} T_1 T_2^6 - 8 a_2 b_3 T_1^2 T_2^6 + 11 a_4 b_3 T_1^2 T_2^6 + 13 a_2 b_5 T_1^2 T_2^6 - \\
 & 20 a_4 b_5 T_1^2 T_2^6 + 2 c_{16} T_1^2 T_2^6 + 2 c_{19} T_1^2 T_2^6 + 2 c_{31} T_1^2 T_2^6 + 2 c_{34} T_1^2 T_2^6 + 2 c_{46} T_1^2 T_2^6 + 2 c_{49} T_1^2 T_2^6 + \\
 & 2 c_{61} T_1^2 T_2^6 + 2 c_{64} T_1^2 T_2^6 + 22 c_{81} T_1^2 T_2^6 + 7 c_{82} T_1^2 T_2^6 + 14 c_{84} T_1^2 T_2^6 - c_{85} T_1^2 T_2^6 + 16 a_2 b_3 T_1^3 T_2^6 - \\
 & 35 a_4 b_3 T_1^3 T_2^6 - 25 a_2 b_5 T_1^3 T_2^6 + 52 a_4 b_5 T_1^3 T_2^6 + 5 c_{19} T_1^3 T_2^6 + 5 c_{34} T_1^3 T_2^6 + 5 c_{49} T_1^3 T_2^6 + \\
 & 5 c_{64} T_1^3 T_2^6 - 17 c_{81} T_1^3 T_2^6 - 4 c_{82} T_1^3 T_2^6 - 3 c_{84} T_1^3 T_2^6 + 4 c_{85} T_1^3 T_2^6 - 20 a_2 b_3 T_1^4 T_2^6 + 57 a_4 b_3 T_1^4 T_2^6 + \\
 & 27 a_2 b_5 T_1^4 T_2^6 - 79 a_4 b_5 T_1^4 T_2^6 - 3 c_{16} T_1^4 T_2^6 - 15 c_{19} T_1^4 T_2^6 - 3 c_{31} T_1^4 T_2^6 - 15 c_{34} T_1^4 T_2^6 - 3 c_{46} T_1^4 T_2^6 - \\
 & 15 c_{49} T_1^4 T_2^6 - 3 c_{61} T_1^4 T_2^6 - 15 c_{64} T_1^4 T_2^6 - 11 c_{81} T_1^4 T_2^6 - 10 c_{82} T_1^4 T_2^6 - 14 c_{84} T_1^4 T_2^6 - 8 c_{85} T_1^4 T_2^6 + \\
 & 16 a_2 b_3 T_1^5 T_2^6 - 55 a_4 b_3 T_1^5 T_2^6 - 17 a_2 b_5 T_1^5 T_2^6 + 55 a_4 b_5 T_1^5 T_2^6 + 5 c_{16} T_1^5 T_2^6 + 13 c_{19} T_1^5 T_2^6 + \\
 & 5 c_{31} T_1^5 T_2^6 + 13 c_{34} T_1^5 T_2^6 + 5 c_{46} T_1^5 T_2^6 + 13 c_{49} T_1^5 T_2^6 + 5 c_{61} T_1^5 T_2^6 + 13 c_{64} T_1^5 T_2^6 + 34 c_{81} T_1^5 T_2^6 + \\
 & 26 c_{82} T_1^5 T_2^6 + 20 c_{84} T_1^5 T_2^6 + 10 c_{85} T_1^5 T_2^6 - 8 a_2 b_3 T_1^6 T_2^6 + 32 a_4 b_3 T_1^6 T_2^6 + 6 a_2 b_5 T_1^6 T_2^6 - \\
 & 26 a_4 b_5 T_1^6 T_2^6 - c_{16} T_1^6 T_2^6 - c_{19} T_1^6 T_2^6 - c_{31} T_1^6 T_2^6 - c_{34} T_1^6 T_2^6 - c_{46} T_1^6 T_2^6 - c_{49} T_1^6 T_2^6 - c_{61} T_1^6 T_2^6 - \\
 & c_{64} T_1^6 T_2^6 - 28 c_{81} T_1^6 T_2^6 - 28 c_{82} T_1^6 T_2^6 - 8 c_{84} T_1^6 T_2^6 - 8 c_{85} T_1^6 T_2^6 + 2 a_2 b_3 T_1^7 T_2^6 - 10 a_4 b_3 T_1^7 T_2^6 - \\
 & 13 c_{16} T_1^7 T_2^6 - 5 c_{19} T_1^7 T_2^6 - 13 c_{31} T_1^7 T_2^6 - 5 c_{34} T_1^7 T_2^6 - 13 c_{46} T_1^7 T_2^6 - 5 c_{49} T_1^7 T_2^6 - 13 c_{61} T_1^7 T_2^6 - \\
 & 5 c_{64} T_1^7 T_2^6 + 8 c_{81} T_1^7 T_2^6 + 17 c_{82} T_1^7 T_2^6 + 4 c_{85} T_1^7 T_2^6 + 10 c_{16} T_1^8 T_2^6 + 5 c_{19} T_1^8 T_2^6 + 10 c_{31} T_1^8 T_2^6 + \\
 & 5 c_{34} T_1^8 T_2^6 + 10 c_{46} T_1^8 T_2^6 + 5 c_{49} T_1^8 T_2^6 + 10 c_{61} T_1^8 T_2^6 + 5 c_{64} T_1^8 T_2^6 - 5 c_{82} T_1^8 T_2^6 - c_{85} T_1^8 T_2^6 - \\
 & a_4 b_5 T_2^7 + 2 a_4 b_3 T_1 T_2^7 + 2 a_2 b_5 T_1 T_2^7 - 2 a_4 b_5 T_1 T_2^7 + 3 c_{81} T_1 T_2^7 + 3 c_{84} T_1 T_2^7 - 10 a_4 b_3 T_1^2 T_2^7 - \\
 & 6 a_2 b_5 T_1^2 T_2^7 + 19 a_4 b_5 T_1^2 T_2^7 + 4 c_{19} T_1^2 T_2^7 + 4 c_{34} T_1^2 T_2^7 + 4 c_{49} T_1^2 T_2^7 + 4 c_{64} T_1^2 T_2^7 - 4 c_{81} T_1^2 T_2^7 + \\
 & c_{82} T_1^2 T_2^7 - c_{84} T_1^2 T_2^7 + 22 a_4 b_3 T_1^3 T_2^7 + 10 a_2 b_5 T_1^3 T_2^7 - 38 a_4 b_5 T_1^3 T_2^7 - 2 c_{16} T_1^3 T_2^7 - 7 c_{19} T_1^3 T_2^7 - \\
 & 2 c_{31} T_1^3 T_2^7 - 7 c_{34} T_1^3 T_2^7 - 2 c_{46} T_1^3 T_2^7 - 7 c_{49} T_1^3 T_2^7 - 2 c_{61} T_1^3 T_2^7 - 7 c_{64} T_1^3 T_2^7 - 7 c_{81} T_1^3 T_2^7 - \\
 & 4 c_{82} T_1^3 T_2^7 - 8 c_{84} T_1^3 T_2^7 - 30 a_4 b_3 T_1^4 T_2^7 - 10 a_2 b_5 T_1^4 T_2^7 + 49 a_4 b_5 T_1^4 T_2^7 + 3 c_{16} T_1^4 T_2^7 + \\
 & 5 c_{19} T_1^4 T_2^7 + 3 c_{31} T_1^4 T_2^7 + 5 c_{34} T_1^4 T_2^7 + 3 c_{46} T_1^4 T_2^7 + 5 c_{49} T_1^4 T_2^7 + 3 c_{61} T_1^4 T_2^7 + 5 c_{64} T_1^4 T_2^7 + \\
 & 23 c_{81} T_1^4 T_2^7 + 8 c_{82} T_1^4 T_2^7 + 15 c_{84} T_1^4 T_2^7 + 26 a_4 b_3 T_1^5 T_2^7 + 6 a_2 b_5 T_1^5 T_2^7 - 32 a_4 b_5 T_1^5 T_2^7 - \\
 & c_{16} T_1^5 T_2^7 + 5 c_{19} T_1^5 T_2^7 - c_{31} T_1^5 T_2^7 + 5 c_{34} T_1^5 T_2^7 - c_{46} T_1^5 T_2^7 + 5 c_{49} T_1^5 T_2^7 - c_{61} T_1^5 T_2^7 + 5 c_{64} T_1^5 T_2^7 - \\
 & 28 c_{81} T_1^5 T_2^7 - 10 c_{82} T_1^5 T_2^7 - 13 c_{84} T_1^5 T_2^7 - 14 a_4 b_3 T_1^6 T_2^7 - 2 a_2 b_5 T_1^6 T_2^7 + 14 a_4 b_5 T_1^6 T_2^7 - \\
 & 5 c_{16} T_1^6 T_2^7 - 13 c_{19} T_1^6 T_2^7 - 5 c_{31} T_1^6 T_2^7 - 13 c_{34} T_1^6 T_2^7 - 5 c_{46} T_1^6 T_2^7 - 13 c_{49} T_1^6 T_2^7 - 5 c_{61} T_1^6 T_2^7 - \\
 & 13 c_{64} T_1^6 T_2^7 + 17 c_{81} T_1^6 T_2^7 + 8 c_{82} T_1^6 T_2^7 + 4 c_{84} T_1^6 T_2^7 + 4 a_4 b_3 T_1^7 T_2^7 + 11 c_{16} T_1^7 T_2^7 + 11 c_{19} T_1^7 T_2^7 + \\
 & 11 c_{31} T_1^7 T_2^7 + 11 c_{34} T_1^7 T_2^7 + 11 c_{46} T_1^7 T_2^7 + 11 c_{49} T_1^7 T_2^7 + 11 c_{61} T_1^7 T_2^7 + 11 c_{64} T_1^7 T_2^7 - 4 c_{81} T_1^7 T_2^7 - \\
 & 4 c_{82} T_1^7 T_2^7 - 6 c_{16} T_1^8 T_2^7 - 5 c_{19} T_1^8 T_2^7 - 6 c_{31} T_1^8 T_2^7 - 5 c_{34} T_1^8 T_2^7 - 6 c_{46} T_1^8 T_2^7 - 5 c_{49} T_1^8 T_2^7 - \\
 & 6 c_{61} T_1^8 T_2^7 - 5 c_{64} T_1^8 T_2^7 + c_{82} T_1^8 T_2^7 + 2 a_4 b_5 T_1 T_2^8 - 8 a_4 b_5 T_1^2 T_2^8 - 2 c_{81} T_1^2 T_2^8 - 2 c_{84} T_1^2 T_2^8 + \\
 & 14 a_4 b_5 T_1^3 T_2^8 - 2 c_{19} T_1^3 T_2^8 - 2 c_{34} T_1^3 T_2^8 - 2 c_{49} T_1^3 T_2^8 - 2 c_{64} T_1^3 T_2^8 + 7 c_{81} T_1^3 T_2^8 + 5 c_{84} T_1^3 T_2^8 - \\
 & 16 a_4 b_5 T_1^4 T_2^8 + c_{16} T_1^4 T_2^8 + 6 c_{19} T_1^4 T_2^8 + c_{31} T_1^4 T_2^8 + 6 c_{34} T_1^4 T_2^8 + c_{46} T_1^4 T_2^8 + 6 c_{49} T_1^4 T_2^8 + c_{61} T_1^4 T_2^8 + \\
 & 6 c_{64} T_1^4 T_2^8 - 11 c_{81} T_1^4 T_2^8 - 6 c_{84} T_1^4 T_2^8 + 10 a_4 b_5 T_1^5 T_2^8 - 3 c_{16} T_1^5 T_2^8 - 10 c_{19} T_1^5 T_2^8 - 3 c_{31} T_1^5 T_2^8 - \\
 & 10 c_{34} T_1^5 T_2^8 - 3 c_{46} T_1^5 T_2^8 - 10 c_{49} T_1^5 T_2^8 - 3 c_{61} T_1^5 T_2^8 - 10 c_{64} T_1^5 T_2^8 + 10 c_{81} T_1^5 T_2^8 + 4 c_{84} T_1^5 T_2^8 - \\
 & 4 a_4 b_5 T_1^6 T_2^8 + 5 c_{16} T_1^6 T_2^8 + 10 c_{19} T_1^6 T_2^8 + 5 c_{31} T_1^6 T_2^8 + 10 c_{34} T_1^6 T_2^8 + 5 c_{46} T_1^6 T_2^8 + 10 c_{49} T_1^6 T_2^8 + \\
 & 5 c_{61} T_1^6 T_2^8 + 10 c_{64} T_1^6 T_2^8 - 5 c_{81} T_1^6 T_2^8 - c_{84} T_1^6 T_2^8 - 5 c_{16} T_1^7 T_2^8 - 6 c_{19} T_1^7 T_2^8 - 5 c_{31} T_1^7 T_2^8 - \\
 & 6 c_{34} T_1^7 T_2^8 - 5 c_{46} T_1^7 T_2^8 - 6 c_{49} T_1^7 T_2^8 - 5 c_{61} T_1^7 T_2^8 - 6 c_{64} T_1^7 T_2^8 + c_{81} T_1^7 T_2^8 + 2 c_{16} T_1^8 T_2^8 + \\
 & 2 c_{19} T_1^8 T_2^8 + 2 c_{31} T_1^8 T_2^8 + 2 c_{34} T_1^8 T_2^8 + 2 c_{46} T_1^8 T_2^8 + 2 c_{49} T_1^8 T_2^8 + 2 c_{61} T_1^8 T_2^8 + 2 c_{64} T_1^8 T_2^8) / \\
 & \left( (-1 + T_1) (1 - T_1 + T_1^2) (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2) \right) \Big) \Big) \Big) / \\
 & \left( (1 - T_1 + T_1^2) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2) \right) \Big) \Big) \Big)
 \end{aligned}$$

» {2.8125,

$$\begin{aligned}
 \text{Knot}[4, 1] \rightarrow & (T_1^2 T_2^2 \mathbb{E}[\text{Series}[0, -((a_2 b_3 - a_2 b_5 - 5 a_2 b_3 T_1 + a_4 b_3 T_1 + 4 a_2 b_5 T_1 - a_4 b_5 T_1 - c_{16} T_1 - c_{19} T_1 - \\
 & c_{31} T_1 - c_{34} T_1 - c_{46} T_1 - c_{49} T_1 - c_{61} T_1 - c_{64} T_1 + 3 c_{81} T_1 + 3 c_{82} T_1 + 3 c_{84} T_1 + 3 c_{85} T_1 + 8 a_2 b_3 T_1^2 - \\
 & 4 a_4 b_3 T_1^2 - 4 a_2 b_5 T_1^2 + 3 a_4 b_5 T_1^2 + c_{16} T_1^2 + 4 c_{19} T_1^2 + c_{31} T_1^2 + 4 c_{34} T_1^2 + c_{46} T_1^2 + 4 c_{49} T_1^2 + c_{61} T_1^2 + \\
 & 4 c_{64} T_1^2 - 8 c_{81} T_1^2 - 15 c_{82} T_1^2 - 5 c_{84} T_1^2 - 15 c_{85} T_1^2 - 5 a_2 b_3 T_1^3 + 4 a_4 b_3 T_1^3 + a_2 b_5 T_1^3 - a_4 b_5 T_1^3 + \\
 & c_{16} T_1^3 - 4 c_{19} T_1^3 + c_{31} T_1^3 - 4 c_{34} T_1^3 + c_{46} T_1^3 - 4 c_{49} T_1^3 + c_{61} T_1^3 - 4 c_{64} T_1^3 + 7 c_{81} T_1^3 + 24 c_{82} T_1^3 + \\
 & 2 c_{84} T_1^3 + 24 c_{85} T_1^3 + a_2 b_3 T_1^4 - a_4 b_3 T_1^4 - c_{16} T_1^4 + c_{19} T_1^4 - c_{31} T_1^4 + c_{34} T_1^4 - c_{46} T_1^4 + c_{49} T_1^4 - c_{61} T_1^4 + \\
 & c_{64} T_1^4 - 2 c_{81} T_1^4 - 15 c_{82} T_1^4 - 15 c_{85} T_1^4 + 3 c_{82} T_1^5 + 3 c_{85} T_1^5 - 3 a_2 b_3 T_2 + a_4 b_3 T_2 + 4 a_2 b_5 T_2 - \\
 & a_4 b_5 T_2 + 16 a_2 b_3 T_1 T_2 - 9 a_4 b_3 T_1 T_2 - 17 a_2 b_5 T_1 T_2 + 9 a_4 b_5 T_1 T_2 + 4 c_{16} T_1 T_2 + c_{19} T_1 T_2 + \\
 & 4 c_{31} T_1 T_2 + c_{34} T_1 T_2 + 4 c_{46} T_1 T_2 + c_{49} T_1 T_2 + 4 c_{61} T_1 T_2 + c_{64} T_1 T_2 - 15 c_{81} T_1 T_2 - 8 c_{82} T_1 T_2 -
 \end{aligned}$$



$$\begin{aligned}
 & 15 c_{84} T_1 T_2 - 5 c_{85} T_1 T_2 - 29 a_2 b_3 T_1^2 T_2 + 25 a_4 b_3 T_1^2 T_2 + 20 a_2 b_5 T_1^2 T_2 - 20 a_4 b_5 T_1^2 T_2 - c_{16} T_1^2 T_2 - \\
 & c_{19} T_1^2 T_2 - c_{31} T_1^2 T_2 - c_{34} T_1^2 T_2 - c_{46} T_1^2 T_2 - c_{49} T_1^2 T_2 - c_{61} T_1^2 T_2 - c_{64} T_1^2 T_2 + 38 c_{81} T_1^2 T_2 + \\
 & 38 c_{82} T_1^2 T_2 + 23 c_{84} T_1^2 T_2 + 23 c_{85} T_1^2 T_2 + 23 a_2 b_3 T_1^3 T_2 - 25 a_4 b_3 T_1^3 T_2 - 8 a_2 b_5 T_1^3 T_2 + 9 a_4 b_5 T_1^3 T_2 - \\
 & 7 c_{16} T_1^3 T_2 - 8 c_{19} T_1^3 T_2 - 7 c_{31} T_1^3 T_2 - 8 c_{34} T_1^3 T_2 - 7 c_{46} T_1^3 T_2 - 8 c_{49} T_1^3 T_2 - 7 c_{61} T_1^3 T_2 - 8 c_{64} T_1^3 T_2 - \\
 & 28 c_{81} T_1^3 T_2 - 54 c_{82} T_1^3 T_2 - 5 c_{84} T_1^3 T_2 - 30 c_{85} T_1^3 T_2 - 8 a_2 b_3 T_1^4 T_2 + 9 a_4 b_3 T_1^4 T_2 + a_2 b_5 T_1^4 T_2 - \\
 & a_4 b_5 T_1^4 T_2 + c_{16} T_1^4 T_2 + 11 c_{19} T_1^4 T_2 + c_{31} T_1^4 T_2 + 11 c_{34} T_1^4 T_2 + c_{46} T_1^4 T_2 + 11 c_{49} T_1^4 T_2 + c_{61} T_1^4 T_2 + \\
 & 11 c_{64} T_1^4 T_2 + 2 c_{81} T_1^4 T_2 + 24 c_{82} T_1^4 T_2 - 3 c_{84} T_1^4 T_2 + 9 c_{85} T_1^4 T_2 + a_2 b_3 T_1^5 T_2 - a_4 b_3 T_1^5 T_2 + \\
 & 3 c_{16} T_1^5 T_2 - 3 c_{19} T_1^5 T_2 + 3 c_{31} T_1^5 T_2 - 3 c_{34} T_1^5 T_2 + 3 c_{46} T_1^5 T_2 - 3 c_{49} T_1^5 T_2 + 3 c_{61} T_1^5 T_2 - 3 c_{64} T_1^5 T_2 + \\
 & 3 c_{81} T_1^5 T_2 + 2 c_{82} T_1^5 T_2 + 5 c_{85} T_1^5 T_2 - 2 c_{82} T_1^6 T_2 - 2 c_{85} T_1^6 T_2 + a_2 b_3 T_1^2 T_2^2 - 3 a_4 b_3 T_1^2 T_2^2 - 4 a_2 b_5 T_1^2 T_2^2 + \\
 & 4 a_4 b_5 T_1^2 T_2^2 - 8 a_2 b_3 T_1 T_2^2 + 20 a_4 b_3 T_1 T_2^2 + 20 a_2 b_5 T_1 T_2^2 - 25 a_4 b_5 T_1 T_2^2 - 4 c_{16} T_1 T_2^2 + c_{19} T_1 T_2^2 - \\
 & 4 c_{31} T_1 T_2^2 + c_{34} T_1 T_2^2 - 4 c_{46} T_1 T_2^2 + c_{49} T_1 T_2^2 - 4 c_{61} T_1 T_2^2 + c_{64} T_1 T_2^2 + 24 c_{81} T_1 T_2^2 + 7 c_{82} T_1 T_2^2 + \\
 & 24 c_{84} T_1 T_2^2 + 2 c_{85} T_1 T_2^2 + 23 a_2 b_3 T_1^2 T_2^2 - 49 a_4 b_3 T_1^2 T_2^2 - 32 a_2 b_5 T_1^2 T_2^2 + 49 a_4 b_5 T_1^2 T_2^2 - \\
 & 8 c_{16} T_1^2 T_2^2 - 7 c_{19} T_1^2 T_2^2 - 8 c_{31} T_1^2 T_2^2 - 7 c_{34} T_1^2 T_2^2 - 8 c_{46} T_1^2 T_2^2 - 7 c_{49} T_1^2 T_2^2 - 8 c_{61} T_1^2 T_2^2 - 7 c_{64} T_1^2 T_2^2 - \\
 & 54 c_{81} T_1^2 T_2^2 - 28 c_{82} T_1^2 T_2^2 - 30 c_{84} T_1^2 T_2^2 - 5 c_{85} T_1^2 T_2^2 - 29 a_2 b_3 T_1^3 T_2^2 + 55 a_4 b_3 T_1^3 T_2^2 + 20 a_2 b_5 T_1^3 T_2^2 - \\
 & 31 a_4 b_5 T_1^3 T_2^2 + 15 c_{16} T_1^3 T_2^2 + 15 c_{19} T_1^3 T_2^2 + 15 c_{31} T_1^3 T_2^2 + 15 c_{34} T_1^3 T_2^2 + 15 c_{46} T_1^3 T_2^2 + 15 c_{49} T_1^3 T_2^2 + \\
 & 15 c_{61} T_1^3 T_2^2 + 15 c_{64} T_1^3 T_2^2 + 21 c_{81} T_1^3 T_2^2 + 21 c_{82} T_1^3 T_2^2 - 9 c_{84} T_1^3 T_2^2 - 9 c_{85} T_1^3 T_2^2 + 16 a_2 b_3 T_1^4 T_2^2 - \\
 & 28 a_4 b_3 T_1^4 T_2^2 - 4 a_2 b_5 T_1^4 T_2^2 + 6 a_4 b_5 T_1^4 T_2^2 + 9 c_{16} T_1^4 T_2^2 - 9 c_{19} T_1^4 T_2^2 + 9 c_{31} T_1^4 T_2^2 - 9 c_{34} T_1^4 T_2^2 + \\
 & 9 c_{46} T_1^4 T_2^2 - 9 c_{49} T_1^4 T_2^2 + 9 c_{61} T_1^4 T_2^2 - 9 c_{64} T_1^4 T_2^2 + 24 c_{81} T_1^4 T_2^2 + 21 c_{82} T_1^4 T_2^2 + 15 c_{84} T_1^4 T_2^2 + \\
 & 30 c_{85} T_1^4 T_2^2 - 3 a_2 b_3 T_1^5 T_2^2 + 5 a_4 b_3 T_1^5 T_2^2 - 11 c_{16} T_1^5 T_2^2 - c_{19} T_1^5 T_2^2 - 11 c_{31} T_1^5 T_2^2 - c_{34} T_1^5 T_2^2 - \\
 & 11 c_{46} T_1^5 T_2^2 - c_{49} T_1^5 T_2^2 - 11 c_{61} T_1^5 T_2^2 - c_{64} T_1^5 T_2^2 - 15 c_{81} T_1^5 T_2^2 - 28 c_{82} T_1^5 T_2^2 - 23 c_{85} T_1^5 T_2^2 - \\
 & c_{16} T_1^6 T_2^2 + c_{19} T_1^6 T_2^2 - c_{31} T_1^6 T_2^2 + c_{34} T_1^6 T_2^2 - c_{46} T_1^6 T_2^2 + c_{49} T_1^6 T_2^2 - c_{61} T_1^6 T_2^2 + c_{64} T_1^6 T_2^2 + 7 c_{82} T_1^6 T_2^2 + \\
 & 5 c_{85} T_1^6 T_2^2 + a_4 b_3 T_1^2 T_2^3 + a_2 b_5 T_1^2 T_2^3 - 4 a_4 b_5 T_1^2 T_2^3 + a_2 b_3 T_1 T_2^3 - 9 a_4 b_3 T_1 T_2^3 - 8 a_2 b_5 T_1 T_2^3 + 25 a_4 b_5 T_1 T_2^3 + \\
 & c_{16} T_1 T_2^3 - c_{19} T_1 T_2^3 + c_{31} T_1 T_2^3 - c_{34} T_1 T_2^3 + c_{46} T_1 T_2^3 - c_{49} T_1 T_2^3 + c_{61} T_1 T_2^3 - c_{64} T_1 T_2^3 - 15 c_{81} T_1 T_2^3 - \\
 & 2 c_{82} T_1 T_2^3 - 15 c_{84} T_1 T_2^3 - 5 a_2 b_3 T_1^2 T_2^3 + 31 a_4 b_3 T_1^2 T_2^3 + 20 a_2 b_5 T_1^2 T_2^3 - 55 a_4 b_5 T_1^2 T_2^3 + 11 c_{16} T_1^2 T_2^3 + \\
 & c_{19} T_1^2 T_2^3 + 11 c_{31} T_1^2 T_2^3 + c_{34} T_1^2 T_2^3 + 11 c_{46} T_1^2 T_2^3 + c_{49} T_1^2 T_2^3 + 11 c_{61} T_1^2 T_2^3 + c_{64} T_1^2 T_2^3 + 24 c_{81} T_1^2 T_2^3 + \\
 & 2 c_{82} T_1^2 T_2^3 + 9 c_{84} T_1^2 T_2^3 - 3 c_{85} T_1^2 T_2^3 + 8 a_2 b_3 T_1^3 T_2^3 - 49 a_4 b_3 T_1^3 T_2^3 - 17 a_2 b_5 T_1^3 T_2^3 + 49 a_4 b_5 T_1^3 T_2^3 - \\
 & 9 c_{16} T_1^3 T_2^3 + 9 c_{19} T_1^3 T_2^3 - 9 c_{31} T_1^3 T_2^3 + 9 c_{34} T_1^3 T_2^3 - 9 c_{46} T_1^3 T_2^3 + 9 c_{49} T_1^3 T_2^3 - 9 c_{61} T_1^3 T_2^3 + 9 c_{64} T_1^3 T_2^3 + \\
 & 21 c_{81} T_1^3 T_2^3 + 24 c_{82} T_1^3 T_2^3 + 30 c_{84} T_1^3 T_2^3 + 15 c_{85} T_1^3 T_2^3 - 5 a_2 b_3 T_1^4 T_2^3 + 33 a_4 b_3 T_1^4 T_2^3 + 4 a_2 b_5 T_1^4 T_2^3 - \\
 & 12 a_4 b_5 T_1^4 T_2^3 - 15 c_{16} T_1^4 T_2^3 - 15 c_{19} T_1^4 T_2^3 - 15 c_{31} T_1^4 T_2^3 - 15 c_{34} T_1^4 T_2^3 - 15 c_{46} T_1^4 T_2^3 - 15 c_{49} T_1^4 T_2^3 - \\
 & 15 c_{61} T_1^4 T_2^3 - 15 c_{64} T_1^4 T_2^3 - 54 c_{81} T_1^4 T_2^3 - 54 c_{82} T_1^4 T_2^3 - 24 c_{84} T_1^4 T_2^3 - 24 c_{85} T_1^4 T_2^3 + a_2 b_3 T_1^5 T_2^3 - \\
 & 7 a_4 b_3 T_1^5 T_2^3 + 8 c_{16} T_1^5 T_2^3 + 7 c_{19} T_1^5 T_2^3 + 8 c_{31} T_1^5 T_2^3 + 7 c_{34} T_1^5 T_2^3 + 8 c_{46} T_1^5 T_2^3 + 7 c_{49} T_1^5 T_2^3 + 8 c_{61} T_1^5 T_2^3 + \\
 & 7 c_{64} T_1^5 T_2^3 + 24 c_{81} T_1^5 T_2^3 + 38 c_{82} T_1^5 T_2^3 + 15 c_{85} T_1^5 T_2^3 + 4 c_{16} T_1^6 T_2^3 - c_{19} T_1^6 T_2^3 + 4 c_{31} T_1^6 T_2^3 - c_{34} T_1^6 T_2^3 + \\
 & 4 c_{46} T_1^6 T_2^3 - c_{49} T_1^6 T_2^3 + 4 c_{61} T_1^6 T_2^3 - c_{64} T_1^6 T_2^3 - 8 c_{82} T_1^6 T_2^3 - 3 c_{85} T_1^6 T_2^3 + a_4 b_5 T_1^2 T_2^4 + a_2 b_3 T_1 T_2^4 + \\
 & a_2 b_5 T_1 T_2^4 - 9 a_4 b_5 T_1 T_2^4 + 3 c_{81} T_1 T_2^4 + 3 c_{84} T_1 T_2^4 - 6 a_4 b_3 T_1^2 T_2^4 - 4 a_2 b_5 T_1^2 T_2^4 + 28 a_4 b_5 T_1^2 T_2^4 - \\
 & 3 c_{16} T_1^2 T_2^4 + 3 c_{19} T_1^2 T_2^4 - 3 c_{31} T_1^2 T_2^4 + 3 c_{34} T_1^2 T_2^4 - 3 c_{46} T_1^2 T_2^4 + 3 c_{49} T_1^2 T_2^4 - 3 c_{61} T_1^2 T_2^4 + 3 c_{64} T_1^2 T_2^4 + \\
 & 2 c_{81} T_1^2 T_2^4 + 3 c_{82} T_1^2 T_2^4 + 5 c_{84} T_1^2 T_2^4 + 12 a_4 b_3 T_1^3 T_2^4 + 4 a_2 b_5 T_1^3 T_2^4 - 33 a_4 b_5 T_1^3 T_2^4 - c_{16} T_1^3 T_2^4 - \\
 & 11 c_{19} T_1^3 T_2^4 - c_{31} T_1^3 T_2^4 - 11 c_{34} T_1^3 T_2^4 - c_{46} T_1^3 T_2^4 - 11 c_{49} T_1^3 T_2^4 - c_{61} T_1^3 T_2^4 - 11 c_{64} T_1^3 T_2^4 - 28 c_{81} T_1^3 T_2^4 - \\
 & 15 c_{82} T_1^3 T_2^4 - 23 c_{84} T_1^3 T_2^4 - 9 a_4 b_3 T_1^4 T_2^4 - a_2 b_5 T_1^4 T_2^4 + 9 a_4 b_5 T_1^4 T_2^4 + 7 c_{16} T_1^4 T_2^4 + 8 c_{19} T_1^4 T_2^4 + \\
 & 7 c_{31} T_1^4 T_2^4 + 8 c_{34} T_1^4 T_2^4 + 7 c_{46} T_1^4 T_2^4 + 8 c_{49} T_1^4 T_2^4 + 7 c_{61} T_1^4 T_2^4 + 8 c_{64} T_1^4 T_2^4 + 38 c_{81} T_1^4 T_2^4 + \\
 & 24 c_{82} T_1^4 T_2^4 + 15 c_{84} T_1^4 T_2^4 + 2 a_4 b_3 T_1^5 T_2^4 + c_{16} T_1^5 T_2^4 + c_{19} T_1^5 T_2^4 + c_{31} T_1^5 T_2^4 + c_{34} T_1^5 T_2^4 + c_{46} T_1^5 T_2^4 + \\
 & c_{49} T_1^5 T_2^4 + c_{61} T_1^5 T_2^4 + c_{64} T_1^5 T_2^4 - 15 c_{81} T_1^5 T_2^4 - 15 c_{82} T_1^5 T_2^4 - 4 c_{16} T_1^6 T_2^4 - c_{19} T_1^6 T_2^4 - 4 c_{31} T_1^6 T_2^4 - \\
 & c_{34} T_1^6 T_2^4 - 4 c_{46} T_1^6 T_2^4 - c_{49} T_1^6 T_2^4 - 4 c_{61} T_1^6 T_2^4 - c_{64} T_1^6 T_2^4 + 3 c_{82} T_1^6 T_2^4 + a_4 b_5 T_1 T_2^5 - 5 a_4 b_5 T_1^2 T_2^5 - \\
 & 2 c_{81} T_1^2 T_2^5 - 2 c_{84} T_1^2 T_2^5 + 7 a_4 b_5 T_1^3 T_2^5 + c_{16} T_1^3 T_2^5 - c_{19} T_1^3 T_2^5 + c_{31} T_1^3 T_2^5 - c_{34} T_1^3 T_2^5 + c_{46} T_1^3 T_2^5 - \\
 & c_{49} T_1^3 T_2^5 + c_{61} T_1^3 T_2^5 - c_{64} T_1^3 T_2^5 + 7 c_{81} T_1^3 T_2^5 + 5 c_{84} T_1^3 T_2^5 - 2 a_4 b_5 T_1^4 T_2^5 - c_{16} T_1^4 T_2^5 + 4 c_{19} T_1^4 T_2^5 - \\
 & c_{31} T_1^4 T_2^5 + 4 c_{34} T_1^4 T_2^5 - c_{46} T_1^4 T_2^5 + 4 c_{49} T_1^4 T_2^5 - c_{61} T_1^4 T_2^5 + 4 c_{64} T_1^4 T_2^5 - 8 c_{81} T_1^4 T_2^5 - 3 c_{84} T_1^4 T_2^5 - \\
 & c_{16} T_1^5 T_2^5 - 4 c_{19} T_1^5 T_2^5 - c_{31} T_1^5 T_2^5 - 4 c_{34} T_1^5 T_2^5 - c_{46} T_1^5 T_2^5 - 4 c_{49} T_1^5 T_2^5 - c_{61} T_1^5 T_2^5 - 4 c_{64} T_1^5 T_2^5 + \\
 & 3 c_{81} T_1^5 T_2^5 + c_{16} T_1^6 T_2^5 + c_{19} T_1^6 T_2^5 + c_{31} T_1^6 T_2^5 + c_{34} T_1^6 T_2^5 + c_{46} T_1^6 T_2^5 + c_{49} T_1^6 T_2^5 + c_{61} T_1^6 T_2^5 + c_{64} T_1^6 T_2^5) / \\
 & \left( (-1 + T_1) T_1 (1 - 3 T_1 + T_1^2) (-1 + T_2) (1 - 3 T_2 + T_2^2) (1 - 3 T_1 T_2 + T_1^2 T_2^2) \right) \Big) \Big) \Big) / \\
 & \left( (1 - 3 T_1 + T_1^2) (1 - 3 T_2 + T_2^2) (1 - 3 T_1 T_2 + T_1^2 T_2^2) \right) \Big) \Big) \Big) \Big) \Big) /
 \end{aligned}$$

» {11.9219,

$$\text{Knot}[5, 1] \rightarrow - \left( (i T_1^4 T_2^4 E[\in \text{Series}[0, -((-c_{81} - c_{82} - c_{84} - c_{85} + c_{16} T_1 + c_{31} T_1 + c_{46} T_1 + c_{61} T_1 + 5 c_{81} T_1 +$$

$$\begin{aligned}
 & 4 c_{82} T_1 + 4 c_{84} T_1 + 4 c_{85} T_1 - 3 c_{16} T_1^2 - 3 c_{31} T_1^2 - 3 c_{46} T_1^2 - 3 c_{61} T_1^2 - 13 c_{81} T_1^2 - 8 c_{82} T_1^2 - 9 c_{84} T_1^2 - \\
 & 8 c_{85} T_1^2 + 6 c_{16} T_1^3 + 6 c_{31} T_1^3 + 6 c_{46} T_1^3 + 6 c_{61} T_1^3 + 25 c_{81} T_1^3 + 12 c_{82} T_1^3 + 16 c_{84} T_1^3 + 12 c_{85} T_1^3 - \\
 & 10 c_{16} T_1^4 - 10 c_{31} T_1^4 - 10 c_{46} T_1^4 - 10 c_{61} T_1^4 - 36 c_{81} T_1^4 - 16 c_{82} T_1^4 - 20 c_{84} T_1^4 - 16 c_{85} T_1^4 + 14 c_{16} T_1^5 + \\
 & 14 c_{31} T_1^5 + 14 c_{46} T_1^5 + 14 c_{61} T_1^5 + 39 c_{81} T_1^5 + 18 c_{82} T_1^5 + 19 c_{84} T_1^5 + 18 c_{85} T_1^5 - 16 c_{16} T_1^6 - 16 c_{31} T_1^6 - \\
 & 16 c_{46} T_1^6 - 16 c_{61} T_1^6 - 35 c_{81} T_1^6 - 16 c_{82} T_1^6 - 16 c_{84} T_1^6 - 16 c_{85} T_1^6 + 15 c_{16} T_1^7 + 15 c_{31} T_1^7 + 15 c_{46} T_1^7 + \\
 & 15 c_{61} T_1^7 + 27 c_{81} T_1^7 + 12 c_{82} T_1^7 + 11 c_{84} T_1^7 + 12 c_{85} T_1^7 - 11 c_{16} T_1^8 - 11 c_{31} T_1^8 - 11 c_{46} T_1^8 - 11 c_{61} T_1^8 - \\
 & 15 c_{81} T_1^8 - 8 c_{82} T_1^8 - 4 c_{84} T_1^8 - 8 c_{85} T_1^8 + 4 c_{16} T_1^9 + 4 c_{31} T_1^9 + 4 c_{46} T_1^9 + 4 c_{61} T_1^9 + 4 c_{81} T_1^9 + 4 c_{82} T_1^9 + \\
 & 4 c_{85} T_1^9 - c_{82} T_1^{10} - c_{85} T_1^{10} - a_2 b_3 T_2 + a_2 b_5 T_2 + c_{19} T_2 + c_{34} T_2 + c_{49} T_2 + c_{64} T_2 + 4 c_{81} T_2 + \\
 & 5 c_{82} T_2 + 4 c_{84} T_2 + 4 c_{85} T_2 + 4 a_2 b_3 T_1 T_2 - a_4 b_3 T_1 T_2 - 3 a_2 b_5 T_1 T_2 + a_4 b_5 T_1 T_2 - 3 c_{16} T_1 T_2 - \\
 & 3 c_{19} T_1 T_2 - 3 c_{31} T_1 T_2 - 3 c_{34} T_1 T_2 - 3 c_{46} T_1 T_2 - 3 c_{49} T_1 T_2 - 3 c_{61} T_1 T_2 - 3 c_{64} T_1 T_2 - \\
 & 17 c_{81} T_1 T_2 - 17 c_{82} T_1 T_2 - 13 c_{84} T_1 T_2 - 13 c_{85} T_1 T_2 - 8 a_2 b_3 T_1^2 T_2 + 3 a_4 b_3 T_1^2 T_2 + 5 a_2 b_5 T_1^2 T_2 - \\
 & 2 a_4 b_5 T_1^2 T_2 + 7 c_{16} T_1^2 T_2 + 5 c_{19} T_1^2 T_2 + 7 c_{31} T_1^2 T_2 + 5 c_{34} T_1^2 T_2 + 7 c_{46} T_1^2 T_2 + 5 c_{49} T_1^2 T_2 + \\
 & 7 c_{61} T_1^2 T_2 + 5 c_{64} T_1^2 T_2 + 37 c_{81} T_1^2 T_2 + 28 c_{82} T_1^2 T_2 + 24 c_{84} T_1^2 T_2 + 20 c_{85} T_1^2 T_2 + 12 a_2 b_3 T_1^3 T_2 - \\
 & 5 a_4 b_3 T_1^3 T_2 - 7 a_2 b_5 T_1^3 T_2 + 3 a_4 b_5 T_1^3 T_2 - 12 c_{16} T_1^3 T_2 - 7 c_{19} T_1^3 T_2 - 12 c_{31} T_1^3 T_2 - 7 c_{34} T_1^3 T_2 - \\
 & 12 c_{46} T_1^3 T_2 - 7 c_{49} T_1^3 T_2 - 12 c_{61} T_1^3 T_2 - 7 c_{64} T_1^3 T_2 - 61 c_{81} T_1^3 T_2 - 36 c_{82} T_1^3 T_2 - 37 c_{84} T_1^3 T_2 - \\
 & 24 c_{85} T_1^3 T_2 - 16 a_2 b_3 T_1^4 T_2 + 7 a_4 b_3 T_1^4 T_2 + 9 a_2 b_5 T_1^4 T_2 - 4 a_4 b_5 T_1^4 T_2 + 18 c_{16} T_1^4 T_2 + 9 c_{19} T_1^4 T_2 + \\
 & 18 c_{31} T_1^4 T_2 + 9 c_{34} T_1^4 T_2 + 18 c_{46} T_1^4 T_2 + 9 c_{49} T_1^4 T_2 + 18 c_{61} T_1^4 T_2 + 9 c_{64} T_1^4 T_2 + 74 c_{81} T_1^4 T_2 + \\
 & 44 c_{82} T_1^4 T_2 + 37 c_{84} T_1^4 T_2 + 28 c_{85} T_1^4 T_2 + 18 a_2 b_3 T_1^5 T_2 - 9 a_4 b_3 T_1^5 T_2 - 9 a_2 b_5 T_1^5 T_2 + \\
 & 5 a_4 b_5 T_1^5 T_2 - 22 c_{16} T_1^5 T_2 - 9 c_{19} T_1^5 T_2 - 22 c_{31} T_1^5 T_2 - 9 c_{34} T_1^5 T_2 - 22 c_{46} T_1^5 T_2 - 9 c_{49} T_1^5 T_2 - \\
 & 22 c_{61} T_1^5 T_2 - 9 c_{64} T_1^5 T_2 - 63 c_{81} T_1^5 T_2 - 42 c_{82} T_1^5 T_2 - 26 c_{84} T_1^5 T_2 - 24 c_{85} T_1^5 T_2 - 16 a_2 b_3 T_1^6 T_2 + \\
 & 9 a_4 b_3 T_1^6 T_2 + 7 a_2 b_5 T_1^6 T_2 - 4 a_4 b_5 T_1^6 T_2 + 20 c_{16} T_1^6 T_2 + 7 c_{19} T_1^6 T_2 + 20 c_{31} T_1^6 T_2 + 7 c_{34} T_1^6 T_2 + \\
 & 20 c_{46} T_1^6 T_2 + 7 c_{49} T_1^6 T_2 + 20 c_{61} T_1^6 T_2 + 7 c_{64} T_1^6 T_2 + 43 c_{81} T_1^6 T_2 + 26 c_{82} T_1^6 T_2 + 17 c_{84} T_1^6 T_2 + \\
 & 10 c_{85} T_1^6 T_2 + 12 a_2 b_3 T_1^7 T_2 - 7 a_4 b_3 T_1^7 T_2 - 5 a_2 b_5 T_1^7 T_2 + 3 a_4 b_5 T_1^7 T_2 - 13 c_{16} T_1^7 T_2 - 5 c_{19} T_1^7 T_2 - \\
 & 13 c_{31} T_1^7 T_2 - 5 c_{34} T_1^7 T_2 - 13 c_{46} T_1^7 T_2 - 5 c_{49} T_1^7 T_2 - 13 c_{61} T_1^7 T_2 - 5 c_{64} T_1^7 T_2 - 23 c_{81} T_1^7 T_2 - \\
 & 12 c_{82} T_1^7 T_2 - 6 c_{84} T_1^7 T_2 - 8 a_2 b_3 T_1^8 T_2 + 5 a_4 b_3 T_1^8 T_2 + 3 a_2 b_5 T_1^8 T_2 - 2 a_4 b_5 T_1^8 T_2 + 3 c_{16} T_1^8 T_2 + \\
 & 3 c_{19} T_1^8 T_2 + 3 c_{31} T_1^8 T_2 + 3 c_{34} T_1^8 T_2 + 3 c_{46} T_1^8 T_2 + 3 c_{49} T_1^8 T_2 + 3 c_{61} T_1^8 T_2 + 3 c_{64} T_1^8 T_2 - c_{81} T_1^8 T_2 + \\
 & 4 c_{82} T_1^8 T_2 - 7 c_{84} T_1^8 T_2 - 4 c_{85} T_1^8 T_2 + 4 a_2 b_3 T_1^9 T_2 - 3 a_4 b_3 T_1^9 T_2 - a_2 b_5 T_1^9 T_2 + a_4 b_5 T_1^9 T_2 + \\
 & 10 c_{16} T_1^9 T_2 - c_{19} T_1^9 T_2 + 10 c_{31} T_1^9 T_2 - c_{34} T_1^9 T_2 + 10 c_{46} T_1^9 T_2 - c_{49} T_1^9 T_2 + 10 c_{61} T_1^9 T_2 - \\
 & c_{64} T_1^9 T_2 + 14 c_{81} T_1^9 T_2 + 4 c_{82} T_1^9 T_2 + 7 c_{84} T_1^9 T_2 + 8 c_{85} T_1^9 T_2 - a_2 b_3 T_1^{10} T_2 + a_4 b_3 T_1^{10} T_2 - \\
 & 8 c_{16} T_1^{10} T_2 - 8 c_{31} T_1^{10} T_2 - 8 c_{46} T_1^{10} T_2 - 8 c_{61} T_1^{10} T_2 - 7 c_{81} T_1^{10} T_2 - 7 c_{82} T_1^{10} T_2 - 8 c_{85} T_1^{10} T_2 + \\
 & 3 c_{82} T_1^{11} T_2 + 3 c_{85} T_1^{11} T_2 + 2 a_2 b_3 T_2^2 - a_4 b_3 T_2^2 - 3 a_2 b_5 T_2^2 + a_4 b_5 T_2^2 - 3 c_{19} T_2^2 - 3 c_{34} T_2^2 - \\
 & 3 c_{49} T_2^2 - 3 c_{64} T_2^2 - 8 c_{81} T_2^2 - 13 c_{82} T_2^2 - 8 c_{84} T_2^2 - 9 c_{85} T_2^2 - 7 a_2 b_3 T_1 T_2^2 + 7 a_4 b_3 T_1 T_2^2 + \\
 & 8 a_2 b_5 T_1 T_2^2 - 7 a_4 b_5 T_1 T_2^2 + 5 c_{16} T_1 T_2^2 + 7 c_{19} T_1 T_2^2 + 5 c_{31} T_1 T_2^2 + 7 c_{34} T_1 T_2^2 + 5 c_{46} T_1 T_2^2 + \\
 & 7 c_{49} T_1 T_2^2 + 5 c_{61} T_1 T_2^2 + 7 c_{64} T_1 T_2^2 + 28 c_{81} T_1 T_2^2 + 37 c_{82} T_1 T_2^2 + 20 c_{84} T_1 T_2^2 + 24 c_{85} T_1 T_2^2 + \\
 & 12 a_2 b_3 T_1^2 T_2^2 - 16 a_4 b_3 T_1^2 T_2^2 - 12 a_2 b_5 T_1^2 T_2^2 + 12 a_4 b_5 T_1^2 T_2^2 - 9 c_{16} T_1^2 T_2^2 - 9 c_{19} T_1^2 T_2^2 - \\
 & 9 c_{31} T_1^2 T_2^2 - 9 c_{34} T_1^2 T_2^2 - 9 c_{46} T_1^2 T_2^2 - 9 c_{49} T_1^2 T_2^2 - 9 c_{61} T_1^2 T_2^2 - 9 c_{64} T_1^2 T_2^2 - 49 c_{81} T_1^2 T_2^2 - \\
 & 49 c_{82} T_1^2 T_2^2 - 29 c_{84} T_1^2 T_2^2 - 29 c_{85} T_1^2 T_2^2 - 16 a_2 b_3 T_1^3 T_2^2 + 24 a_4 b_3 T_1^3 T_2^2 + 16 a_2 b_5 T_1^3 T_2^2 - \\
 & 17 a_4 b_5 T_1^3 T_2^2 + 14 c_{16} T_1^3 T_2^2 + 11 c_{19} T_1^3 T_2^2 + 14 c_{31} T_1^3 T_2^2 + 11 c_{34} T_1^3 T_2^2 + 14 c_{46} T_1^3 T_2^2 + \\
 & 11 c_{49} T_1^3 T_2^2 + 14 c_{61} T_1^3 T_2^2 + 11 c_{64} T_1^3 T_2^2 + 69 c_{81} T_1^3 T_2^2 + 56 c_{82} T_1^3 T_2^2 + 40 c_{84} T_1^3 T_2^2 + 32 c_{85} T_1^3 T_2^2 + \\
 & 19 a_2 b_3 T_1^4 T_2^2 - 32 a_4 b_3 T_1^4 T_2^2 - 19 a_2 b_5 T_1^4 T_2^2 + 22 a_4 b_5 T_1^4 T_2^2 - 20 c_{16} T_1^4 T_2^2 - 13 c_{19} T_1^4 T_2^2 - \\
 & 20 c_{31} T_1^4 T_2^2 - 13 c_{34} T_1^4 T_2^2 - 20 c_{46} T_1^4 T_2^2 - 13 c_{49} T_1^4 T_2^2 - 20 c_{61} T_1^4 T_2^2 - 13 c_{64} T_1^4 T_2^2 - 68 c_{81} T_1^4 T_2^2 - \\
 & 68 c_{82} T_1^4 T_2^2 - 28 c_{84} T_1^4 T_2^2 - 40 c_{85} T_1^4 T_2^2 - 16 a_2 b_3 T_1^5 T_2^2 + 37 a_4 b_3 T_1^5 T_2^2 + 15 a_2 b_5 T_1^5 T_2^2 - \\
 & 24 a_4 b_5 T_1^5 T_2^2 + 22 c_{16} T_1^5 T_2^2 + 9 c_{19} T_1^5 T_2^2 + 22 c_{31} T_1^5 T_2^2 + 9 c_{34} T_1^5 T_2^2 + 22 c_{46} T_1^5 T_2^2 + 9 c_{49} T_1^5 T_2^2 + \\
 & 22 c_{61} T_1^5 T_2^2 + 9 c_{64} T_1^5 T_2^2 + 35 c_{81} T_1^5 T_2^2 + 54 c_{82} T_1^5 T_2^2 + 7 c_{84} T_1^5 T_2^2 + 30 c_{85} T_1^5 T_2^2 + 7 a_2 b_3 T_1^6 T_2^2 - \\
 & 31 a_4 b_3 T_1^6 T_2^2 - 8 a_2 b_5 T_1^6 T_2^2 + 16 a_4 b_5 T_1^6 T_2^2 - 16 c_{16} T_1^6 T_2^2 - 3 c_{19} T_1^6 T_2^2 - 16 c_{31} T_1^6 T_2^2 - \\
 & 3 c_{34} T_1^6 T_2^2 - 16 c_{46} T_1^6 T_2^2 - 3 c_{49} T_1^6 T_2^2 - 16 c_{61} T_1^6 T_2^2 - 3 c_{64} T_1^6 T_2^2 - 7 c_{81} T_1^6 T_2^2 - 18 c_{82} T_1^6 T_2^2 - \\
 & 8 c_{85} T_1^6 T_2^2 + 20 a_2 b_3 T_1^7 T_2^2 + 4 a_2 b_5 T_1^7 T_2^2 - 11 a_4 b_5 T_1^7 T_2^2 + 7 c_{16} T_1^7 T_2^2 + c_{19} T_1^7 T_2^2 + 7 c_{31} T_1^7 T_2^2 + \\
 & c_{34} T_1^7 T_2^2 + 7 c_{46} T_1^7 T_2^2 + c_{49} T_1^7 T_2^2 + 7 c_{61} T_1^7 T_2^2 + c_{64} T_1^7 T_2^2 - 9 c_{81} T_1^7 T_2^2 + 6 c_{82} T_1^7 T_2^2 - 9 c_{84} T_1^7 T_2^2 + \\
 & 6 c_{85} T_1^7 T_2^2 - 4 a_2 b_3 T_1^8 T_2^2 - 12 a_4 b_3 T_1^8 T_2^2 + 6 a_4 b_5 T_1^8 T_2^2 + 3 c_{16} T_1^8 T_2^2 + c_{19} T_1^8 T_2^2 + 3 c_{31} T_1^8 T_2^2 + \\
 & c_{34} T_1^8 T_2^2 + 3 c_{46} T_1^8 T_2^2 + c_{49} T_1^8 T_2^2 + 3 c_{61} T_1^8 T_2^2 + c_{64} T_1^8 T_2^2 + 29 c_{81} T_1^8 T_2^2 - 4 c_{82} T_1^8 T_2^2 + 20 c_{84} T_1^8 T_2^2 -
 \end{aligned}$$

$$\begin{aligned}
 & 8 c_{85} T_1^8 T_2^2 + 7 a_2 b_3 T_1^9 T_2^2 + 4 a_4 b_3 T_1^9 T_2^2 - 3 a_2 b_5 T_1^9 T_2^2 - a_4 b_5 T_1^9 T_2^2 - 16 c_{16} T_1^9 T_2^2 - 3 c_{19} T_1^9 T_2^2 - \\
 & 16 c_{31} T_1^9 T_2^2 - 3 c_{34} T_1^9 T_2^2 - 16 c_{46} T_1^9 T_2^2 - 3 c_{49} T_1^9 T_2^2 - 16 c_{61} T_1^9 T_2^2 - 3 c_{64} T_1^9 T_2^2 - 28 c_{81} T_1^9 T_2^2 - \\
 & 8 c_{82} T_1^9 T_2^2 - 8 c_{84} T_1^9 T_2^2 - 6 a_2 b_3 T_1^{10} T_2^2 + 2 a_4 b_3 T_1^{10} T_2^2 + 2 a_2 b_5 T_1^{10} T_2^2 - 2 a_4 b_5 T_1^{10} T_2^2 + \\
 & 2 c_{16} T_1^{10} T_2^2 + 2 c_{19} T_1^{10} T_2^2 + 2 c_{31} T_1^{10} T_2^2 + 2 c_{34} T_1^{10} T_2^2 + 2 c_{46} T_1^{10} T_2^2 + 2 c_{49} T_1^{10} T_2^2 + 2 c_{61} T_1^{10} T_2^2 + \\
 & 2 c_{64} T_1^{10} T_2^2 + 3 c_{81} T_1^{10} T_2^2 + 7 c_{82} T_1^{10} T_2^2 - 5 c_{84} T_1^{10} T_2^2 - c_{85} T_1^{10} T_2^2 + 2 a_2 b_3 T_1^{11} T_2^2 - 2 a_4 b_3 T_1^{11} T_2^2 + \\
 & 8 c_{16} T_1^{11} T_2^2 + 8 c_{31} T_1^{11} T_2^2 + 8 c_{46} T_1^{11} T_2^2 + 8 c_{61} T_1^{11} T_2^2 + 5 c_{81} T_1^{11} T_2^2 + 5 c_{82} T_1^{11} T_2^2 + 8 c_{85} T_1^{11} T_2^2 - \\
 & 5 c_{82} T_1^{12} T_2^2 - 5 c_{85} T_1^{12} T_2^2 - 3 a_2 b_3 T_2^3 + 2 a_4 b_3 T_2^3 + 5 a_2 b_5 T_2^3 - 3 a_4 b_5 T_2^3 + 6 c_{19} T_2^3 + 6 c_{34} T_2^3 + \\
 & 6 c_{49} T_2^3 + 6 c_{64} T_2^3 + 12 c_{81} T_2^3 + 25 c_{82} T_2^3 + 12 c_{84} T_2^3 + 16 c_{85} T_2^3 + 10 a_2 b_3 T_1 T_2^3 - 12 a_4 b_3 T_1 T_2^3 - \\
 & 12 a_2 b_5 T_1 T_2^3 + 16 a_4 b_5 T_1 T_2^3 - 7 c_{16} T_1 T_2^3 - 12 c_{19} T_1 T_2^3 - 7 c_{31} T_1 T_2^3 - 12 c_{34} T_1 T_2^3 - 7 c_{46} T_1 T_2^3 - \\
 & 12 c_{49} T_1 T_2^3 - 7 c_{61} T_1 T_2^3 - 12 c_{64} T_1 T_2^3 - 36 c_{81} T_1 T_2^3 - 61 c_{82} T_1 T_2^3 - 24 c_{84} T_1 T_2^3 - 37 c_{85} T_1 T_2^3 - \\
 & 18 a_2 b_3 T_1^2 T_2^3 + 24 a_4 b_3 T_1^2 T_2^3 + 18 a_2 b_5 T_1^2 T_2^3 - 24 a_4 b_5 T_1^2 T_2^3 + 11 c_{16} T_1^2 T_2^3 + 14 c_{19} T_1^2 T_2^3 + \\
 & 11 c_{31} T_1^2 T_2^3 + 14 c_{34} T_1^2 T_2^3 + 11 c_{46} T_1^2 T_2^3 + 14 c_{49} T_1^2 T_2^3 + 11 c_{61} T_1^2 T_2^3 + 14 c_{64} T_1^2 T_2^3 + 56 c_{81} T_1^2 T_2^3 + \\
 & 69 c_{82} T_1^2 T_2^3 + 32 c_{84} T_1^2 T_2^3 + 40 c_{85} T_1^2 T_2^3 + 28 a_2 b_3 T_1^3 T_2^3 - 34 a_4 b_3 T_1^3 T_2^3 - 26 a_2 b_5 T_1^3 T_2^3 + \\
 & 34 a_4 b_5 T_1^3 T_2^3 - 18 c_{16} T_1^3 T_2^3 - 18 c_{19} T_1^3 T_2^3 - 18 c_{31} T_1^3 T_2^3 - 18 c_{34} T_1^3 T_2^3 - 18 c_{46} T_1^3 T_2^3 - \\
 & 18 c_{49} T_1^3 T_2^3 - 18 c_{61} T_1^3 T_2^3 - 18 c_{64} T_1^3 T_2^3 - 81 c_{81} T_1^3 T_2^3 - 81 c_{82} T_1^3 T_2^3 - 49 c_{84} T_1^3 T_2^3 - 49 c_{85} T_1^3 T_2^3 - \\
 & 38 a_2 b_3 T_1^4 T_2^3 + 45 a_4 b_3 T_1^4 T_2^3 + 31 a_2 b_5 T_1^4 T_2^3 - 43 a_4 b_5 T_1^4 T_2^3 + 26 c_{16} T_1^4 T_2^3 + 22 c_{19} T_1^4 T_2^3 + \\
 & 26 c_{31} T_1^4 T_2^3 + 22 c_{34} T_1^4 T_2^3 + 26 c_{46} T_1^4 T_2^3 + 22 c_{49} T_1^4 T_2^3 + 26 c_{61} T_1^4 T_2^3 + 22 c_{64} T_1^4 T_2^3 + 82 c_{81} T_1^4 T_2^3 + \\
 & 104 c_{82} T_1^4 T_2^3 + 33 c_{84} T_1^4 T_2^3 + 64 c_{85} T_1^4 T_2^3 + 39 a_2 b_3 T_1^5 T_2^3 - 47 a_4 b_3 T_1^5 T_2^3 - 24 a_2 b_5 T_1^5 T_2^3 + \\
 & 41 a_4 b_5 T_1^5 T_2^3 - 28 c_{16} T_1^5 T_2^3 - 14 c_{19} T_1^5 T_2^3 - 28 c_{31} T_1^5 T_2^3 - 14 c_{34} T_1^5 T_2^3 - 28 c_{46} T_1^5 T_2^3 - \\
 & 14 c_{49} T_1^5 T_2^3 - 28 c_{61} T_1^5 T_2^3 - 14 c_{64} T_1^5 T_2^3 - 43 c_{81} T_1^5 T_2^3 - 70 c_{82} T_1^5 T_2^3 - 10 c_{84} T_1^5 T_2^3 - 40 c_{85} T_1^5 T_2^3 - \\
 & 34 a_2 b_3 T_1^6 T_2^3 + 31 a_4 b_3 T_1^6 T_2^3 + 17 a_2 b_5 T_1^6 T_2^3 - 21 a_4 b_5 T_1^6 T_2^3 + 20 c_{16} T_1^6 T_2^3 + 6 c_{19} T_1^6 T_2^3 + \\
 & 20 c_{31} T_1^6 T_2^3 + 6 c_{34} T_1^6 T_2^3 + 20 c_{46} T_1^6 T_2^3 + 6 c_{49} T_1^6 T_2^3 + 20 c_{61} T_1^6 T_2^3 + 6 c_{64} T_1^6 T_2^3 + 19 c_{81} T_1^6 T_2^3 + \\
 & 14 c_{82} T_1^6 T_2^3 + 9 c_{84} T_1^6 T_2^3 + 6 c_{85} T_1^6 T_2^3 + 31 a_2 b_3 T_1^7 T_2^3 - 17 a_4 b_3 T_1^7 T_2^3 - 14 a_2 b_5 T_1^7 T_2^3 + \\
 & 16 a_4 b_5 T_1^7 T_2^3 - 9 c_{16} T_1^7 T_2^3 - 6 c_{19} T_1^7 T_2^3 - 9 c_{31} T_1^7 T_2^3 - 6 c_{34} T_1^7 T_2^3 - 9 c_{46} T_1^7 T_2^3 - 6 c_{49} T_1^7 T_2^3 - \\
 & 9 c_{61} T_1^7 T_2^3 - 6 c_{64} T_1^7 T_2^3 - 7 c_{81} T_1^7 T_2^3 - 14 c_{82} T_1^7 T_2^3 + 2 c_{84} T_1^7 T_2^3 - 8 c_{85} T_1^7 T_2^3 - 24 a_2 b_3 T_1^8 T_2^3 + \\
 & 10 a_4 b_3 T_1^8 T_2^3 + 6 a_2 b_5 T_1^8 T_2^3 - 6 a_4 b_5 T_1^8 T_2^3 - 5 c_{16} T_1^8 T_2^3 + 2 c_{19} T_1^8 T_2^3 - 5 c_{31} T_1^8 T_2^3 + 2 c_{34} T_1^8 T_2^3 - \\
 & 5 c_{46} T_1^8 T_2^3 + 2 c_{49} T_1^8 T_2^3 - 5 c_{61} T_1^8 T_2^3 + 2 c_{64} T_1^8 T_2^3 - 21 c_{81} T_1^8 T_2^3 + 6 c_{82} T_1^8 T_2^3 - 19 c_{84} T_1^8 T_2^3 - \\
 & 2 c_{85} T_1^8 T_2^3 + 14 a_2 b_3 T_1^9 T_2^3 + a_4 b_3 T_1^9 T_2^3 - a_2 b_5 T_1^9 T_2^3 - 3 a_4 b_5 T_1^9 T_2^3 + 24 c_{16} T_1^9 T_2^3 + 2 c_{19} T_1^9 T_2^3 + \\
 & 24 c_{31} T_1^9 T_2^3 + 2 c_{34} T_1^9 T_2^3 + 24 c_{46} T_1^9 T_2^3 + 2 c_{49} T_1^9 T_2^3 + 24 c_{61} T_1^9 T_2^3 + 2 c_{64} T_1^9 T_2^3 + 22 c_{81} T_1^9 T_2^3 + \\
 & 24 c_{82} T_1^9 T_2^3 + 3 c_{84} T_1^9 T_2^3 + 24 c_{85} T_1^9 T_2^3 - 10 a_2 b_3 T_1^{10} T_2^3 - 5 a_4 b_3 T_1^{10} T_2^3 + 3 a_2 b_5 T_1^{10} T_2^3 + \\
 & 4 a_4 b_5 T_1^{10} T_2^3 - 4 c_{16} T_1^{10} T_2^3 - 4 c_{31} T_1^{10} T_2^3 - 4 c_{46} T_1^{10} T_2^3 - 4 c_{61} T_1^{10} T_2^3 + 5 c_{81} T_1^{10} T_2^3 - 15 c_{82} T_1^{10} T_2^3 + \\
 & 8 c_{84} T_1^{10} T_2^3 - 16 c_{85} T_1^{10} T_2^3 + 8 a_2 b_3 T_1^{11} T_2^3 - a_4 b_3 T_1^{11} T_2^3 - 3 a_2 b_5 T_1^{11} T_2^3 + 3 a_4 b_5 T_1^{11} T_2^3 - \\
 & 2 c_{16} T_1^{11} T_2^3 - 2 c_{19} T_1^{11} T_2^3 - 2 c_{31} T_1^{11} T_2^3 - 2 c_{34} T_1^{11} T_2^3 - 2 c_{46} T_1^{11} T_2^3 - 2 c_{49} T_1^{11} T_2^3 - 2 c_{61} T_1^{11} T_2^3 - \\
 & 2 c_{64} T_1^{11} T_2^3 - 5 c_{81} T_1^{11} T_2^3 - 5 c_{82} T_1^{11} T_2^3 + 3 c_{84} T_1^{11} T_2^3 + 3 c_{85} T_1^{11} T_2^3 - 3 a_2 b_3 T_1^{12} T_2^3 + \\
 & 3 a_4 b_3 T_1^{12} T_2^3 - 8 c_{16} T_1^{12} T_2^3 - 8 c_{31} T_1^{12} T_2^3 - 8 c_{46} T_1^{12} T_2^3 - 8 c_{61} T_1^{12} T_2^3 - 3 c_{81} T_1^{12} T_2^3 - 3 c_{82} T_1^{12} T_2^3 - \\
 & 8 c_{85} T_1^{12} T_2^3 + 7 c_{82} T_1^{13} T_2^3 + 7 c_{85} T_1^{13} T_2^3 + 4 a_2 b_3 T_2^4 - 3 a_4 b_3 T_2^4 - 7 a_2 b_5 T_2^4 + 5 a_4 b_5 T_2^4 - \\
 & 10 c_{19} T_2^4 - 10 c_{34} T_2^4 - 10 c_{49} T_2^4 - 10 c_{64} T_2^4 - 16 c_{81} T_2^4 - 36 c_{82} T_2^4 - 16 c_{84} T_2^4 - 20 c_{85} T_2^4 - \\
 & 13 a_2 b_3 T_1 T_2^4 + 17 a_4 b_3 T_1 T_2^4 + 16 a_2 b_5 T_1 T_2^4 - 24 a_4 b_5 T_1 T_2^4 + 9 c_{16} T_1 T_2^4 + 18 c_{19} T_1 T_2^4 + \\
 & 9 c_{31} T_1 T_2^4 + 18 c_{34} T_1 T_2^4 + 9 c_{46} T_1 T_2^4 + 18 c_{49} T_1 T_2^4 + 9 c_{61} T_1 T_2^4 + 18 c_{64} T_1 T_2^4 + 44 c_{81} T_1 T_2^4 + \\
 & 74 c_{82} T_1 T_2^4 + 28 c_{84} T_1 T_2^4 + 37 c_{85} T_1 T_2^4 + 24 a_2 b_3 T_1^2 T_2^4 - 34 a_4 b_3 T_1^2 T_2^4 - 26 a_2 b_5 T_1^2 T_2^4 + \\
 & 34 a_4 b_5 T_1^2 T_2^4 - 13 c_{16} T_1^2 T_2^4 - 20 c_{19} T_1^2 T_2^4 - 13 c_{31} T_1^2 T_2^4 - 20 c_{34} T_1^2 T_2^4 - 13 c_{46} T_1^2 T_2^4 - \\
 & 20 c_{49} T_1^2 T_2^4 - 13 c_{61} T_1^2 T_2^4 - 20 c_{64} T_1^2 T_2^4 - 68 c_{81} T_1^2 T_2^4 - 68 c_{82} T_1^2 T_2^4 - 40 c_{84} T_1^2 T_2^4 - 28 c_{85} T_1^2 T_2^4 - \\
 & 38 a_2 b_3 T_1^3 T_2^4 + 54 a_4 b_3 T_1^3 T_2^4 + 40 a_2 b_5 T_1^3 T_2^4 - 54 a_4 b_5 T_1^3 T_2^4 + 22 c_{16} T_1^3 T_2^4 + 26 c_{19} T_1^3 T_2^4 + \\
 & 22 c_{31} T_1^3 T_2^4 + 26 c_{34} T_1^3 T_2^4 + 22 c_{46} T_1^3 T_2^4 + 26 c_{49} T_1^3 T_2^4 + 22 c_{61} T_1^3 T_2^4 + 26 c_{64} T_1^3 T_2^4 + 104 c_{81} T_1^3 T_2^4 + \\
 & 82 c_{82} T_1^3 T_2^4 + 64 c_{84} T_1^3 T_2^4 + 33 c_{85} T_1^3 T_2^4 + 48 a_2 b_3 T_1^4 T_2^4 - 78 a_4 b_3 T_1^4 T_2^4 - 46 a_2 b_5 T_1^4 T_2^4 + \\
 & 69 a_4 b_5 T_1^4 T_2^4 - 30 c_{16} T_1^4 T_2^4 - 30 c_{19} T_1^4 T_2^4 - 30 c_{31} T_1^4 T_2^4 - 30 c_{34} T_1^4 T_2^4 - 30 c_{46} T_1^4 T_2^4 - \\
 & 30 c_{49} T_1^4 T_2^4 - 30 c_{61} T_1^4 T_2^4 - 30 c_{64} T_1^4 T_2^4 - 100 c_{81} T_1^4 T_2^4 - 100 c_{82} T_1^4 T_2^4 - 36 c_{84} T_1^4 T_2^4 - \\
 & 36 c_{85} T_1^4 T_2^4 - 42 a_2 b_3 T_1^5 T_2^4 + 85 a_4 b_3 T_1^5 T_2^4 + 35 a_2 b_5 T_1^5 T_2^4 - 63 a_4 b_5 T_1^5 T_2^4 + 30 c_{16} T_1^5 T_2^4 + \\
 & 14 c_{19} T_1^5 T_2^4 + 30 c_{31} T_1^5 T_2^4 + 14 c_{34} T_1^5 T_2^4 + 30 c_{46} T_1^5 T_2^4 + 14 c_{49} T_1^5 T_2^4 + 30 c_{61} T_1^5 T_2^4 + 14 c_{64} T_1^5 T_2^4 + \\
 & 39 c_{81} T_1^5 T_2^4 + 24 c_{82} T_1^5 T_2^4 + 3 c_{84} T_1^5 T_2^4 - 16 c_{85} T_1^5 T_2^4 + 28 a_2 b_3 T_1^6 T_2^4 - 69 a_4 b_3 T_1^6 T_2^4 -
 \end{aligned}$$

$$\begin{aligned}
 & 27 a_2 b_5 T_1^6 T_2^4 + 37 a_4 b_5 T_1^6 T_2^4 - 18 c_{16} T_1^6 T_2^4 - 2 c_{19} T_1^6 T_2^4 - 18 c_{31} T_1^6 T_2^4 - 2 c_{34} T_1^6 T_2^4 - 18 c_{46} T_1^6 T_2^4 - \\
 & 2 c_{49} T_1^6 T_2^4 - 18 c_{61} T_1^6 T_2^4 - 2 c_{64} T_1^6 T_2^4 - 3 c_{81} T_1^6 T_2^4 + 52 c_{82} T_1^6 T_2^4 + 58 c_{85} T_1^6 T_2^4 - 14 a_2 b_3 T_1^7 T_2^4 + \\
 & 58 a_4 b_3 T_1^7 T_2^4 + 18 a_2 b_5 T_1^7 T_2^4 - 38 a_4 b_5 T_1^7 T_2^4 + 3 c_{16} T_1^7 T_2^4 + 2 c_{19} T_1^7 T_2^4 + 3 c_{31} T_1^7 T_2^4 + \\
 & 2 c_{34} T_1^7 T_2^4 + 3 c_{46} T_1^7 T_2^4 + 2 c_{49} T_1^7 T_2^4 + 3 c_{61} T_1^7 T_2^4 + 2 c_{64} T_1^7 T_2^4 - 21 c_{81} T_1^7 T_2^4 - 40 c_{82} T_1^7 T_2^4 - \\
 & 21 c_{84} T_1^7 T_2^4 - 48 c_{85} T_1^7 T_2^4 - 6 a_2 b_3 T_1^8 T_2^4 - 42 a_4 b_3 T_1^8 T_2^4 + 14 a_4 b_5 T_1^8 T_2^4 + 15 c_{16} T_1^8 T_2^4 + \\
 & 6 c_{19} T_1^8 T_2^4 + 15 c_{31} T_1^8 T_2^4 + 6 c_{34} T_1^8 T_2^4 + 15 c_{46} T_1^8 T_2^4 + 6 c_{49} T_1^8 T_2^4 + 15 c_{61} T_1^8 T_2^4 + 6 c_{64} T_1^8 T_2^4 + \\
 & 65 c_{81} T_1^8 T_2^4 + 68 c_{82} T_1^8 T_2^4 + 44 c_{84} T_1^8 T_2^4 + 66 c_{85} T_1^8 T_2^4 + 20 a_2 b_3 T_1^9 T_2^4 + 14 a_4 b_3 T_1^9 T_2^4 - \\
 & 6 a_2 b_5 T_1^9 T_2^4 + a_4 b_5 T_1^9 T_2^4 - 36 c_{16} T_1^9 T_2^4 - 10 c_{19} T_1^9 T_2^4 - 36 c_{31} T_1^9 T_2^4 - 10 c_{34} T_1^9 T_2^4 - 36 c_{46} T_1^9 T_2^4 - \\
 & 10 c_{49} T_1^9 T_2^4 - 36 c_{61} T_1^9 T_2^4 - 10 c_{64} T_1^9 T_2^4 - 60 c_{81} T_1^9 T_2^4 - 104 c_{82} T_1^9 T_2^4 - 16 c_{84} T_1^9 T_2^4 - \\
 & 80 c_{85} T_1^9 T_2^4 - 18 a_2 b_3 T_1^{10} T_2^4 - 4 a_4 b_3 T_1^{10} T_2^4 + 2 a_2 b_5 T_1^{10} T_2^4 + 4 c_{16} T_1^{10} T_2^4 + 4 c_{19} T_1^{10} T_2^4 + \\
 & 4 c_{31} T_1^{10} T_2^4 + 4 c_{34} T_1^{10} T_2^4 + 4 c_{46} T_1^{10} T_2^4 + 4 c_{49} T_1^{10} T_2^4 + 4 c_{61} T_1^{10} T_2^4 + 4 c_{64} T_1^{10} T_2^4 + 15 c_{81} T_1^{10} T_2^4 + \\
 & 60 c_{82} T_1^{10} T_2^4 - c_{84} T_1^{10} T_2^4 + 44 c_{85} T_1^{10} T_2^4 + 13 a_2 b_3 T_1^{11} T_2^4 + 6 a_4 b_3 T_1^{11} T_2^4 - 3 a_2 b_5 T_1^{11} T_2^4 - \\
 & 7 a_4 b_5 T_1^{11} T_2^4 + 4 c_{16} T_1^{11} T_2^4 + 4 c_{31} T_1^{11} T_2^4 + 4 c_{34} T_1^{11} T_2^4 + 4 c_{46} T_1^{11} T_2^4 + 4 c_{61} T_1^{11} T_2^4 - 7 c_{81} T_1^{11} T_2^4 - 22 c_{82} T_1^{11} T_2^4 - \\
 & 8 c_{84} T_1^{11} T_2^4 - 19 c_{85} T_1^{11} T_2^4 - 10 a_2 b_3 T_1^{12} T_2^4 + 4 a_2 b_5 T_1^{12} T_2^4 - 4 a_4 b_5 T_1^{12} T_2^4 + 2 c_{16} T_1^{12} T_2^4 + \\
 & 2 c_{19} T_1^{12} T_2^4 + 2 c_{31} T_1^{12} T_2^4 + 2 c_{34} T_1^{12} T_2^4 + 2 c_{46} T_1^{12} T_2^4 + 2 c_{49} T_1^{12} T_2^4 + 2 c_{61} T_1^{12} T_2^4 + 2 c_{64} T_1^{12} T_2^4 + \\
 & 7 c_{81} T_1^{12} T_2^4 + 28 c_{82} T_1^{12} T_2^4 - c_{84} T_1^{12} T_2^4 + 20 c_{85} T_1^{12} T_2^4 + 4 a_2 b_3 T_1^{13} T_2^4 - 4 a_4 b_3 T_1^{13} T_2^4 + \\
 & 8 c_{16} T_1^{13} T_2^4 + 8 c_{31} T_1^{13} T_2^4 + 8 c_{46} T_1^{13} T_2^4 + 8 c_{61} T_1^{13} T_2^4 + c_{81} T_1^{13} T_2^4 - 14 c_{82} T_1^{13} T_2^4 - 7 c_{85} T_1^{13} T_2^4 - \\
 & 4 c_{82} T_1^{14} T_2^4 - 4 c_{85} T_1^{14} T_2^4 - 5 a_2 b_3 T_2^5 + 4 a_4 b_3 T_2^5 + 9 a_2 b_5 T_2^5 - 7 a_4 b_5 T_2^5 + 14 c_{19} T_2^5 + \\
 & 14 c_{34} T_2^5 + 14 c_{49} T_2^5 + 14 c_{64} T_2^5 + 18 c_{81} T_2^5 + 39 c_{82} T_2^5 + 18 c_{84} T_2^5 + 19 c_{85} T_2^5 + 15 a_2 b_3 T_1 T_2^5 - \\
 & 22 a_4 b_3 T_1 T_2^5 - 19 a_2 b_5 T_1 T_2^5 + 32 a_4 b_5 T_1 T_2^5 - 9 c_{16} T_1 T_2^5 - 22 c_{19} T_1 T_2^5 - 9 c_{31} T_1 T_2^5 - \\
 & 22 c_{34} T_1 T_2^5 - 9 c_{46} T_1 T_2^5 - 22 c_{49} T_1 T_2^5 - 9 c_{61} T_1 T_2^5 - 22 c_{64} T_1 T_2^5 - 42 c_{81} T_1 T_2^5 - 63 c_{82} T_1 T_2^5 - \\
 & 24 c_{84} T_1 T_2^5 - 26 c_{85} T_1 T_2^5 - 26 a_2 b_3 T_1^2 T_2^5 + 43 a_4 b_3 T_1^2 T_2^5 + 31 a_2 b_5 T_1^2 T_2^5 - 45 a_4 b_5 T_1^2 T_2^5 + \\
 & 9 c_{16} T_1^2 T_2^5 + 22 c_{19} T_1^2 T_2^5 + 9 c_{31} T_1^2 T_2^5 + 22 c_{34} T_1^2 T_2^5 + 9 c_{46} T_1^2 T_2^5 + 22 c_{49} T_1^2 T_2^5 + 9 c_{61} T_1^2 T_2^5 + \\
 & 22 c_{64} T_1^2 T_2^5 + 54 c_{81} T_1^2 T_2^5 + 35 c_{82} T_1^2 T_2^5 + 30 c_{84} T_1^2 T_2^5 + 7 c_{85} T_1^2 T_2^5 + 39 a_2 b_3 T_1^3 T_2^5 - \\
 & 69 a_4 b_3 T_1^3 T_2^5 - 46 a_2 b_5 T_1^3 T_2^5 + 78 a_4 b_5 T_1^3 T_2^5 - 14 c_{16} T_1^3 T_2^5 - 28 c_{19} T_1^3 T_2^5 - 14 c_{31} T_1^3 T_2^5 - \\
 & 28 c_{34} T_1^3 T_2^5 - 14 c_{46} T_1^3 T_2^5 - 28 c_{49} T_1^3 T_2^5 - 14 c_{61} T_1^3 T_2^5 - 28 c_{64} T_1^3 T_2^5 - 70 c_{81} T_1^3 T_2^5 - \\
 & 43 c_{82} T_1^3 T_2^5 - 40 c_{84} T_1^3 T_2^5 - 10 c_{85} T_1^3 T_2^5 - 44 a_2 b_3 T_1^4 T_2^5 + 94 a_4 b_3 T_1^4 T_2^5 + 46 a_2 b_5 T_1^4 T_2^5 - \\
 & 94 a_4 b_5 T_1^4 T_2^5 + 14 c_{16} T_1^4 T_2^5 + 30 c_{19} T_1^4 T_2^5 + 14 c_{31} T_1^4 T_2^5 + 30 c_{34} T_1^4 T_2^5 + 14 c_{46} T_1^4 T_2^5 + \\
 & 30 c_{49} T_1^4 T_2^5 + 14 c_{61} T_1^4 T_2^5 + 30 c_{64} T_1^4 T_2^5 + 24 c_{81} T_1^4 T_2^5 + 39 c_{82} T_1^4 T_2^5 - 16 c_{84} T_1^4 T_2^5 + 3 c_{85} T_1^4 T_2^5 + \\
 & 29 a_2 b_3 T_1^5 T_2^5 - 88 a_4 b_3 T_1^5 T_2^5 - 25 a_2 b_5 T_1^5 T_2^5 + 79 a_4 b_5 T_1^5 T_2^5 - 6 c_{16} T_1^5 T_2^5 - 6 c_{19} T_1^5 T_2^5 - \\
 & 6 c_{31} T_1^5 T_2^5 - 6 c_{34} T_1^5 T_2^5 - 6 c_{46} T_1^5 T_2^5 - 6 c_{49} T_1^5 T_2^5 - 6 c_{61} T_1^5 T_2^5 - 6 c_{64} T_1^5 T_2^5 + 74 c_{81} T_1^5 T_2^5 + \\
 & 74 c_{82} T_1^5 T_2^5 + 58 c_{84} T_1^5 T_2^5 + 58 c_{85} T_1^5 T_2^5 - 7 a_2 b_3 T_1^6 T_2^5 + 53 a_4 b_3 T_1^6 T_2^5 + 10 a_2 b_5 T_1^6 T_2^5 - \\
 & 43 a_4 b_5 T_1^6 T_2^5 - 11 c_{16} T_1^6 T_2^5 - 6 c_{19} T_1^6 T_2^5 - 11 c_{31} T_1^6 T_2^5 - 6 c_{34} T_1^6 T_2^5 - 11 c_{46} T_1^6 T_2^5 - 6 c_{49} T_1^6 T_2^5 - \\
 & 11 c_{61} T_1^6 T_2^5 - 6 c_{64} T_1^6 T_2^5 - 114 c_{81} T_1^6 T_2^5 - 142 c_{82} T_1^6 T_2^5 - 56 c_{84} T_1^6 T_2^5 - 84 c_{85} T_1^6 T_2^5 - \\
 & 15 a_2 b_3 T_1^7 T_2^5 - 24 a_4 b_3 T_1^7 T_2^5 + 11 a_2 b_5 T_1^7 T_2^5 + 39 a_4 b_5 T_1^7 T_2^5 + 24 c_{16} T_1^7 T_2^5 + 2 c_{19} T_1^7 T_2^5 + \\
 & 24 c_{31} T_1^7 T_2^5 + 2 c_{34} T_1^7 T_2^5 + 24 c_{46} T_1^7 T_2^5 + 2 c_{49} T_1^7 T_2^5 + 24 c_{61} T_1^7 T_2^5 + 2 c_{64} T_1^7 T_2^5 + 130 c_{81} T_1^7 T_2^5 + \\
 & 106 c_{82} T_1^7 T_2^5 + 74 c_{84} T_1^7 T_2^5 + 58 c_{85} T_1^7 T_2^5 + 43 a_2 b_3 T_1^8 T_2^5 - 17 a_4 b_3 T_1^8 T_2^5 - 38 a_2 b_5 T_1^8 T_2^5 + \\
 & 14 a_4 b_5 T_1^8 T_2^5 - 33 c_{16} T_1^8 T_2^5 - 10 c_{19} T_1^8 T_2^5 - 33 c_{31} T_1^8 T_2^5 - 10 c_{34} T_1^8 T_2^5 - 33 c_{46} T_1^8 T_2^5 - \\
 & 10 c_{49} T_1^8 T_2^5 - 33 c_{61} T_1^8 T_2^5 - 10 c_{64} T_1^8 T_2^5 - 154 c_{81} T_1^8 T_2^5 - 142 c_{82} T_1^8 T_2^5 - 80 c_{84} T_1^8 T_2^5 - \\
 & 76 c_{85} T_1^8 T_2^5 - 56 a_2 b_3 T_1^9 T_2^5 + 58 a_4 b_3 T_1^9 T_2^5 + 38 a_2 b_5 T_1^9 T_2^5 - 30 a_4 b_5 T_1^9 T_2^5 + 38 c_{16} T_1^9 T_2^5 + \\
 & 10 c_{19} T_1^9 T_2^5 + 38 c_{31} T_1^9 T_2^5 + 10 c_{34} T_1^9 T_2^5 + 38 c_{46} T_1^9 T_2^5 + 10 c_{49} T_1^9 T_2^5 + 38 c_{61} T_1^9 T_2^5 + \\
 & 10 c_{64} T_1^9 T_2^5 + 104 c_{81} T_1^9 T_2^5 + 154 c_{82} T_1^9 T_2^5 + 24 c_{84} T_1^9 T_2^5 + 74 c_{85} T_1^9 T_2^5 + 46 a_2 b_3 T_1^{10} T_2^5 - \\
 & 56 a_4 b_3 T_1^{10} T_2^5 - 26 a_2 b_5 T_1^{10} T_2^5 + 22 a_4 b_5 T_1^{10} T_2^5 + 14 c_{16} T_1^{10} T_2^5 + 14 c_{31} T_1^{10} T_2^5 + 14 c_{46} T_1^{10} T_2^5 + \\
 & 14 c_{61} T_1^{10} T_2^5 - 24 c_{81} T_1^{10} T_2^5 - 65 c_{82} T_1^{10} T_2^5 - 21 c_{85} T_1^{10} T_2^5 - 34 a_2 b_3 T_1^{11} T_2^5 + 39 a_4 b_3 T_1^{11} T_2^5 + \\
 & 21 a_2 b_5 T_1^{11} T_2^5 - 11 a_4 b_5 T_1^{11} T_2^5 - 20 c_{16} T_1^{11} T_2^5 - 4 c_{19} T_1^{11} T_2^5 - 20 c_{31} T_1^{11} T_2^5 - 4 c_{34} T_1^{11} T_2^5 - \\
 & 20 c_{46} T_1^{11} T_2^5 - 4 c_{49} T_1^{11} T_2^5 - 20 c_{61} T_1^{11} T_2^5 - 4 c_{64} T_1^{11} T_2^5 + 8 c_{81} T_1^{11} T_2^5 + 21 c_{82} T_1^{11} T_2^5 + \\
 & 8 c_{84} T_1^{11} T_2^5 + 2 c_{85} T_1^{11} T_2^5 + 23 a_2 b_3 T_1^{12} T_2^5 - 31 a_4 b_3 T_1^{12} T_2^5 - 12 a_2 b_5 T_1^{12} T_2^5 + 20 a_4 b_5 T_1^{12} T_2^5 + \\
 & 11 c_{16} T_1^{12} T_2^5 + 11 c_{31} T_1^{12} T_2^5 + 11 c_{46} T_1^{12} T_2^5 + 11 c_{61} T_1^{12} T_2^5 - 4 c_{81} T_1^{12} T_2^5 - 29 c_{82} T_1^{12} T_2^5 + \\
 & 4 c_{84} T_1^{12} T_2^5 - 9 c_{85} T_1^{12} T_2^5 - 8 a_2 b_3 T_1^{13} T_2^5 + 16 a_4 b_3 T_1^{13} T_2^5 - 13 c_{16} T_1^{13} T_2^5 - 2 c_{19} T_1^{13} T_2^5 - \\
 & 13 c_{31} T_1^{13} T_2^5 - 2 c_{34} T_1^{13} T_2^5 - 13 c_{46} T_1^{13} T_2^5 - 2 c_{49} T_1^{13} T_2^5 - 13 c_{61} T_1^{13} T_2^5 - 2 c_{64} T_1^{13} T_2^5 -
 \end{aligned}$$

$$\begin{aligned}
 & 4 c_{81} T_1^{13} T_2^5 + c_{82} T_1^{13} T_2^5 - 6 c_{85} T_1^{13} T_2^5 - 4 c_{16} T_1^{14} T_2^5 - 4 c_{31} T_1^{14} T_2^5 - 4 c_{46} T_1^{14} T_2^5 - 4 c_{61} T_1^{14} T_2^5 + \\
 & 15 c_{82} T_1^{14} T_2^5 + 11 c_{85} T_1^{14} T_2^5 + 4 a_2 b_3 T_2^6 - 5 a_4 b_3 T_2^6 - 9 a_2 b_5 T_2^6 + 9 a_4 b_5 T_2^6 - 16 c_{19} T_2^6 - \\
 & 16 c_{34} T_2^6 - 16 c_{49} T_2^6 - 16 c_{64} T_2^6 - 16 c_{81} T_2^6 - 35 c_{82} T_2^6 - 16 c_{84} T_2^6 - 16 c_{85} T_2^6 - 9 a_2 b_3 T_1 T_2^6 + \\
 & 24 a_4 b_3 T_1 T_2^6 + 15 a_2 b_5 T_1 T_2^6 - 37 a_4 b_5 T_1 T_2^6 + 7 c_{16} T_1 T_2^6 + 20 c_{19} T_1 T_2^6 + 7 c_{31} T_1 T_2^6 + \\
 & 20 c_{34} T_1 T_2^6 + 7 c_{46} T_1 T_2^6 + 20 c_{49} T_1 T_2^6 + 7 c_{61} T_1 T_2^6 + 20 c_{64} T_1 T_2^6 + 26 c_{81} T_1 T_2^6 + 43 c_{82} T_1 T_2^6 + \\
 & 10 c_{84} T_1 T_2^6 + 17 c_{85} T_1 T_2^6 + 13 a_2 b_3 T_1^2 T_2^6 - 41 a_4 b_3 T_1^2 T_2^6 - 24 a_2 b_5 T_1^2 T_2^6 + 47 a_4 b_5 T_1^2 T_2^6 - \\
 & 3 c_{16} T_1^2 T_2^6 - 16 c_{19} T_1^2 T_2^6 - 3 c_{31} T_1^2 T_2^6 - 16 c_{34} T_1^2 T_2^6 - 3 c_{46} T_1^2 T_2^6 - 16 c_{49} T_1^2 T_2^6 - 3 c_{61} T_1^2 T_2^6 - \\
 & 16 c_{64} T_1^2 T_2^6 - 18 c_{81} T_1^2 T_2^6 - 7 c_{82} T_1^2 T_2^6 - 8 c_{84} T_1^2 T_2^6 - 20 a_2 b_3 T_1^3 T_2^6 + 63 a_4 b_3 T_1^3 T_2^6 + \\
 & 35 a_2 b_5 T_1^3 T_2^6 - 85 a_4 b_5 T_1^3 T_2^6 + 6 c_{16} T_1^3 T_2^6 + 20 c_{19} T_1^3 T_2^6 + 6 c_{31} T_1^3 T_2^6 + 20 c_{34} T_1^3 T_2^6 + \\
 & 6 c_{46} T_1^3 T_2^6 + 20 c_{49} T_1^3 T_2^6 + 6 c_{61} T_1^3 T_2^6 + 20 c_{64} T_1^3 T_2^6 + 14 c_{81} T_1^3 T_2^6 + 19 c_{82} T_1^3 T_2^6 + 6 c_{84} T_1^3 T_2^6 + \\
 & 9 c_{85} T_1^3 T_2^6 + 16 a_2 b_3 T_1^4 T_2^6 - 79 a_4 b_3 T_1^4 T_2^6 - 25 a_2 b_5 T_1^4 T_2^6 + 88 a_4 b_5 T_1^4 T_2^6 - 2 c_{16} T_1^4 T_2^6 - \\
 & 18 c_{19} T_1^4 T_2^6 - 2 c_{31} T_1^4 T_2^6 - 18 c_{34} T_1^4 T_2^6 - 2 c_{46} T_1^4 T_2^6 - 18 c_{49} T_1^4 T_2^6 - 2 c_{61} T_1^4 T_2^6 - 18 c_{64} T_1^4 T_2^6 + \\
 & 52 c_{81} T_1^4 T_2^6 - 3 c_{82} T_1^4 T_2^6 + 58 c_{84} T_1^4 T_2^6 + 9 a_2 b_3 T_1^5 T_2^6 + 54 a_4 b_3 T_1^5 T_2^6 - 5 a_2 b_5 T_1^5 T_2^6 - \\
 & 54 a_4 b_5 T_1^5 T_2^6 - 6 c_{16} T_1^5 T_2^6 - 11 c_{19} T_1^5 T_2^6 - 6 c_{31} T_1^5 T_2^6 - 11 c_{34} T_1^5 T_2^6 - 6 c_{46} T_1^5 T_2^6 - \\
 & 11 c_{49} T_1^5 T_2^6 - 6 c_{61} T_1^5 T_2^6 - 11 c_{64} T_1^5 T_2^6 - 142 c_{81} T_1^5 T_2^6 - 114 c_{82} T_1^5 T_2^6 - 84 c_{84} T_1^5 T_2^6 - \\
 & 56 c_{85} T_1^5 T_2^6 - 34 a_2 b_3 T_1^6 T_2^6 - 2 a_4 b_3 T_1^6 T_2^6 + 22 a_2 b_5 T_1^6 T_2^6 + a_4 b_5 T_1^6 T_2^6 + 17 c_{16} T_1^6 T_2^6 + \\
 & 17 c_{19} T_1^6 T_2^6 + 17 c_{31} T_1^6 T_2^6 + 17 c_{34} T_1^6 T_2^6 + 17 c_{46} T_1^6 T_2^6 + 17 c_{49} T_1^6 T_2^6 + 17 c_{61} T_1^6 T_2^6 + \\
 & 17 c_{64} T_1^6 T_2^6 + 150 c_{81} T_1^6 T_2^6 + 150 c_{82} T_1^6 T_2^6 + 66 c_{84} T_1^6 T_2^6 + 66 c_{85} T_1^6 T_2^6 + 57 a_2 b_3 T_1^7 T_2^6 - \\
 & 37 a_4 b_3 T_1^7 T_2^6 - 50 a_2 b_5 T_1^7 T_2^6 + 14 a_4 b_5 T_1^7 T_2^6 - 20 c_{16} T_1^7 T_2^6 - 7 c_{19} T_1^7 T_2^6 - 20 c_{31} T_1^7 T_2^6 - \\
 & 7 c_{34} T_1^7 T_2^6 - 20 c_{46} T_1^7 T_2^6 - 7 c_{49} T_1^7 T_2^6 - 20 c_{61} T_1^7 T_2^6 - 7 c_{64} T_1^7 T_2^6 - 142 c_{81} T_1^7 T_2^6 - \\
 & 98 c_{82} T_1^7 T_2^6 - 76 c_{84} T_1^7 T_2^6 - 40 c_{85} T_1^7 T_2^6 - 88 a_2 b_3 T_1^8 T_2^6 + 93 a_4 b_3 T_1^8 T_2^6 + 81 a_2 b_5 T_1^8 T_2^6 - \\
 & 96 a_4 b_5 T_1^8 T_2^6 + 19 c_{16} T_1^8 T_2^6 + 13 c_{19} T_1^8 T_2^6 + 19 c_{31} T_1^8 T_2^6 + 13 c_{34} T_1^8 T_2^6 + 19 c_{46} T_1^8 T_2^6 + \\
 & 13 c_{49} T_1^8 T_2^6 + 19 c_{61} T_1^8 T_2^6 + 13 c_{64} T_1^8 T_2^6 + 142 c_{81} T_1^8 T_2^6 + 142 c_{82} T_1^8 T_2^6 + 66 c_{84} T_1^8 T_2^6 + \\
 & 66 c_{85} T_1^8 T_2^6 + 96 a_2 b_3 T_1^9 T_2^6 - 137 a_4 b_3 T_1^9 T_2^6 - 71 a_2 b_5 T_1^9 T_2^6 + 99 a_4 b_5 T_1^9 T_2^6 - 14 c_{16} T_1^9 T_2^6 - \\
 & 7 c_{19} T_1^9 T_2^6 - 14 c_{31} T_1^9 T_2^6 - 7 c_{34} T_1^9 T_2^6 - 14 c_{46} T_1^9 T_2^6 - 7 c_{49} T_1^9 T_2^6 - 14 c_{61} T_1^9 T_2^6 - 7 c_{64} T_1^9 T_2^6 - \\
 & 68 c_{81} T_1^9 T_2^6 - 130 c_{82} T_1^9 T_2^6 - 2 c_{84} T_1^9 T_2^6 - 56 c_{85} T_1^9 T_2^6 - 75 a_2 b_3 T_1^{10} T_2^6 + 117 a_4 b_3 T_1^{10} T_2^6 + \\
 & 50 a_2 b_5 T_1^{10} T_2^6 - 74 a_4 b_5 T_1^{10} T_2^6 - 34 c_{16} T_1^{10} T_2^6 - 5 c_{19} T_1^{10} T_2^6 - 34 c_{31} T_1^{10} T_2^6 - 5 c_{34} T_1^{10} T_2^6 - \\
 & 34 c_{46} T_1^{10} T_2^6 - 5 c_{49} T_1^{10} T_2^6 - 34 c_{61} T_1^{10} T_2^6 - 5 c_{64} T_1^{10} T_2^6 - 6 c_{81} T_1^{10} T_2^6 + 21 c_{82} T_1^{10} T_2^6 - \\
 & 8 c_{84} T_1^{10} T_2^6 + 55 a_2 b_3 T_1^{11} T_2^6 - 84 a_4 b_3 T_1^{11} T_2^6 - 39 a_2 b_5 T_1^{11} T_2^6 + 49 a_4 b_5 T_1^{11} T_2^6 + 20 c_{16} T_1^{11} T_2^6 + \\
 & 7 c_{19} T_1^{11} T_2^6 + 20 c_{31} T_1^{11} T_2^6 + 7 c_{34} T_1^{11} T_2^6 + 20 c_{46} T_1^{11} T_2^6 + 7 c_{49} T_1^{11} T_2^6 + 20 c_{61} T_1^{11} T_2^6 + \\
 & 7 c_{64} T_1^{11} T_2^6 + 4 c_{81} T_1^{11} T_2^6 + 7 c_{82} T_1^{11} T_2^6 - 4 c_{84} T_1^{11} T_2^6 + 9 c_{85} T_1^{11} T_2^6 - 36 a_2 b_3 T_1^{12} T_2^6 + \\
 & 62 a_4 b_3 T_1^{12} T_2^6 + 20 a_2 b_5 T_1^{12} T_2^6 - 44 a_4 b_5 T_1^{12} T_2^6 - 9 c_{16} T_1^{12} T_2^6 - c_{19} T_1^{12} T_2^6 - 9 c_{31} T_1^{12} T_2^6 - \\
 & c_{34} T_1^{12} T_2^6 - 9 c_{46} T_1^{12} T_2^6 - c_{49} T_1^{12} T_2^6 - 9 c_{61} T_1^{12} T_2^6 - c_{64} T_1^{12} T_2^6 - 4 c_{81} T_1^{12} T_2^6 + 9 c_{82} T_1^{12} T_2^6 - \\
 & 8 c_{84} T_1^{12} T_2^6 + 12 a_2 b_3 T_1^{13} T_2^6 - 28 a_4 b_3 T_1^{13} T_2^6 + 7 c_{16} T_1^{13} T_2^6 + 3 c_{19} T_1^{13} T_2^6 + 7 c_{31} T_1^{13} T_2^6 + \\
 & 3 c_{34} T_1^{13} T_2^6 + 7 c_{46} T_1^{13} T_2^6 + 3 c_{49} T_1^{13} T_2^6 + 7 c_{61} T_1^{13} T_2^6 + 3 c_{64} T_1^{13} T_2^6 + 8 c_{81} T_1^{13} T_2^6 + 23 c_{82} T_1^{13} T_2^6 + \\
 & 17 c_{85} T_1^{13} T_2^6 + 12 c_{16} T_1^{14} T_2^6 + c_{19} T_1^{14} T_2^6 + 12 c_{31} T_1^{14} T_2^6 + c_{34} T_1^{14} T_2^6 + 12 c_{46} T_1^{14} T_2^6 + c_{49} T_1^{14} T_2^6 + \\
 & 12 c_{61} T_1^{14} T_2^6 + c_{64} T_1^{14} T_2^6 - 27 c_{82} T_1^{14} T_2^6 - 16 c_{85} T_1^{14} T_2^6 - 3 a_2 b_3 T_2^7 + 4 a_4 b_3 T_2^7 + 7 a_2 b_5 T_2^7 - \\
 & 9 a_4 b_5 T_2^7 + 15 c_{19} T_2^7 + 15 c_{34} T_2^7 + 15 c_{49} T_2^7 + 15 c_{64} T_2^7 + 12 c_{81} T_2^7 + 27 c_{82} T_2^7 + 12 c_{84} T_2^7 + \\
 & 11 c_{85} T_2^7 + 6 a_2 b_3 T_1 T_2^7 - 16 a_4 b_3 T_1 T_2^7 - 8 a_2 b_5 T_1 T_2^7 + 31 a_4 b_5 T_1 T_2^7 - 5 c_{16} T_1 T_2^7 - \\
 & 13 c_{19} T_1 T_2^7 - 5 c_{31} T_1 T_2^7 - 13 c_{34} T_1 T_2^7 - 5 c_{46} T_1 T_2^7 - 13 c_{49} T_1 T_2^7 - 5 c_{61} T_1 T_2^7 - 13 c_{64} T_1 T_2^7 - \\
 & 12 c_{81} T_1 T_2^7 - 23 c_{82} T_1 T_2^7 - 6 c_{85} T_1 T_2^7 - 12 a_2 b_3 T_1^2 T_2^7 + 21 a_4 b_3 T_1^2 T_2^7 + 17 a_2 b_5 T_1^2 T_2^7 - \\
 & 31 a_4 b_5 T_1^2 T_2^7 + c_{16} T_1^2 T_2^7 + 7 c_{19} T_1^2 T_2^7 + c_{31} T_1^2 T_2^7 + 7 c_{34} T_1^2 T_2^7 + c_{46} T_1^2 T_2^7 + 7 c_{49} T_1^2 T_2^7 + \\
 & c_{61} T_1^2 T_2^7 + 7 c_{64} T_1^2 T_2^7 + 6 c_{81} T_1^2 T_2^7 - 9 c_{82} T_1^2 T_2^7 + 6 c_{84} T_1^2 T_2^7 - 9 c_{85} T_1^2 T_2^7 + 24 a_2 b_3 T_1^3 T_2^7 - \\
 & 37 a_4 b_3 T_1^3 T_2^7 - 27 a_2 b_5 T_1^3 T_2^7 + 69 a_4 b_5 T_1^3 T_2^7 - 6 c_{16} T_1^3 T_2^7 - 9 c_{19} T_1^3 T_2^7 - 6 c_{31} T_1^3 T_2^7 - \\
 & 9 c_{34} T_1^3 T_2^7 - 6 c_{46} T_1^3 T_2^7 - 9 c_{49} T_1^3 T_2^7 - 6 c_{61} T_1^3 T_2^7 - 9 c_{64} T_1^3 T_2^7 - 14 c_{81} T_1^3 T_2^7 - 7 c_{82} T_1^3 T_2^7 - \\
 & 8 c_{84} T_1^3 T_2^7 + 2 c_{85} T_1^3 T_2^7 - 21 a_2 b_3 T_1^4 T_2^7 + 43 a_4 b_3 T_1^4 T_2^7 + 10 a_2 b_5 T_1^4 T_2^7 - 53 a_4 b_5 T_1^4 T_2^7 + \\
 & 2 c_{16} T_1^4 T_2^7 + 3 c_{19} T_1^4 T_2^7 + 2 c_{31} T_1^4 T_2^7 + 3 c_{34} T_1^4 T_2^7 + 2 c_{46} T_1^4 T_2^7 + 3 c_{49} T_1^4 T_2^7 + 2 c_{61} T_1^4 T_2^7 + \\
 & 3 c_{64} T_1^4 T_2^7 - 40 c_{81} T_1^4 T_2^7 - 21 c_{82} T_1^4 T_2^7 - 48 c_{84} T_1^4 T_2^7 - 21 c_{85} T_1^4 T_2^7 - 3 a_2 b_3 T_1^5 T_2^7 - a_4 b_3 T_1^5 T_2^7 + \\
 & 22 a_2 b_5 T_1^5 T_2^7 + 2 a_4 b_5 T_1^5 T_2^7 + 2 c_{16} T_1^5 T_2^7 + 24 c_{19} T_1^5 T_2^7 + 2 c_{31} T_1^5 T_2^7 + 24 c_{34} T_1^5 T_2^7 + \\
 & 2 c_{46} T_1^5 T_2^7 + 24 c_{49} T_1^5 T_2^7 + 2 c_{61} T_1^5 T_2^7 + 24 c_{64} T_1^5 T_2^7 + 106 c_{81} T_1^5 T_2^7 + 130 c_{82} T_1^5 T_2^7 +
 \end{aligned}$$

$$\begin{aligned}
 &58 c_{84} T_1^5 T_2^7 + 74 c_{85} T_1^5 T_2^7 + 25 a_2 b_3 T_1^6 T_2^7 - 56 a_4 b_3 T_1^6 T_2^7 - 37 a_2 b_5 T_1^6 T_2^7 + 56 a_4 b_5 T_1^6 T_2^7 - \\
 &7 c_{16} T_1^6 T_2^7 - 20 c_{19} T_1^6 T_2^7 - 7 c_{31} T_1^6 T_2^7 - 20 c_{34} T_1^6 T_2^7 - 7 c_{46} T_1^6 T_2^7 - 20 c_{49} T_1^6 T_2^7 - 7 c_{61} T_1^6 T_2^7 - \\
 &20 c_{64} T_1^6 T_2^7 - 98 c_{81} T_1^6 T_2^7 - 142 c_{82} T_1^6 T_2^7 - 40 c_{84} T_1^6 T_2^7 - 76 c_{85} T_1^6 T_2^7 - 55 a_2 b_3 T_1^7 T_2^7 + \\
 &94 a_4 b_3 T_1^7 T_2^7 + 75 a_2 b_5 T_1^7 T_2^7 - 75 a_4 b_5 T_1^7 T_2^7 + 8 c_{16} T_1^7 T_2^7 + 8 c_{19} T_1^7 T_2^7 + 8 c_{31} T_1^7 T_2^7 + \\
 &8 c_{34} T_1^7 T_2^7 + 8 c_{46} T_1^7 T_2^7 + 8 c_{49} T_1^7 T_2^7 + 8 c_{61} T_1^7 T_2^7 + 8 c_{64} T_1^7 T_2^7 + 98 c_{81} T_1^7 T_2^7 + 98 c_{82} T_1^7 T_2^7 + \\
 &58 c_{84} T_1^7 T_2^7 + 58 c_{85} T_1^7 T_2^7 + 100 a_2 b_3 T_1^8 T_2^7 - 163 a_4 b_3 T_1^8 T_2^7 - 113 a_2 b_5 T_1^8 T_2^7 + 181 a_4 b_5 T_1^8 T_2^7 - \\
 &9 c_{16} T_1^8 T_2^7 - 12 c_{19} T_1^8 T_2^7 - 9 c_{31} T_1^8 T_2^7 - 12 c_{34} T_1^8 T_2^7 - 9 c_{46} T_1^8 T_2^7 - 12 c_{49} T_1^8 T_2^7 - 9 c_{61} T_1^8 T_2^7 - \\
 &12 c_{64} T_1^8 T_2^7 - 106 c_{81} T_1^8 T_2^7 - 150 c_{82} T_1^8 T_2^7 - 48 c_{84} T_1^8 T_2^7 - 84 c_{85} T_1^8 T_2^7 - 113 a_2 b_3 T_1^9 T_2^7 + \\
 &209 a_4 b_3 T_1^9 T_2^7 + 96 a_2 b_5 T_1^9 T_2^7 - 165 a_4 b_5 T_1^9 T_2^7 + 6 c_{16} T_1^9 T_2^7 + 6 c_{31} T_1^9 T_2^7 + 6 c_{46} T_1^9 T_2^7 + \\
 &6 c_{61} T_1^9 T_2^7 + 40 c_{81} T_1^9 T_2^7 + 114 c_{82} T_1^9 T_2^7 - 8 c_{84} T_1^9 T_2^7 + 58 c_{85} T_1^9 T_2^7 + 92 a_2 b_3 T_1^{10} T_2^7 - \\
 &171 a_4 b_3 T_1^{10} T_2^7 - 71 a_2 b_5 T_1^{10} T_2^7 + 123 a_4 b_5 T_1^{10} T_2^7 + 26 c_{16} T_1^{10} T_2^7 + 9 c_{19} T_1^{10} T_2^7 + \\
 &26 c_{31} T_1^{10} T_2^7 + 9 c_{34} T_1^{10} T_2^7 + 26 c_{46} T_1^{10} T_2^7 + 9 c_{49} T_1^{10} T_2^7 + 26 c_{61} T_1^{10} T_2^7 + 9 c_{64} T_1^{10} T_2^7 + \\
 &14 c_{81} T_1^{10} T_2^7 + 3 c_{82} T_1^{10} T_2^7 + 6 c_{84} T_1^{10} T_2^7 + 3 c_{85} T_1^{10} T_2^7 - 73 a_2 b_3 T_1^{11} T_2^7 + 126 a_4 b_3 T_1^{11} T_2^7 + \\
 &57 a_2 b_5 T_1^{11} T_2^7 - 87 a_4 b_5 T_1^{11} T_2^7 - 4 c_{16} T_1^{11} T_2^7 - 7 c_{19} T_1^{11} T_2^7 - 4 c_{31} T_1^{11} T_2^7 - 7 c_{34} T_1^{11} T_2^7 - \\
 &4 c_{46} T_1^{11} T_2^7 - 7 c_{49} T_1^{11} T_2^7 - 4 c_{61} T_1^{11} T_2^7 - 7 c_{64} T_1^{11} T_2^7 - 6 c_{81} T_1^{11} T_2^7 - 19 c_{82} T_1^{11} T_2^7 - \\
 &10 c_{85} T_1^{11} T_2^7 + 49 a_2 b_3 T_1^{12} T_2^7 - 93 a_4 b_3 T_1^{12} T_2^7 - 28 a_2 b_5 T_1^{12} T_2^7 + 68 a_4 b_5 T_1^{12} T_2^7 + \\
 &7 c_{16} T_1^{12} T_2^7 + c_{19} T_1^{12} T_2^7 + 7 c_{31} T_1^{12} T_2^7 + c_{34} T_1^{12} T_2^7 + 7 c_{46} T_1^{12} T_2^7 + c_{49} T_1^{12} T_2^7 + 7 c_{61} T_1^{12} T_2^7 + \\
 &c_{64} T_1^{12} T_2^7 + 12 c_{81} T_1^{12} T_2^7 + 7 c_{82} T_1^{12} T_2^7 + 12 c_{84} T_1^{12} T_2^7 + 7 c_{85} T_1^{12} T_2^7 - 16 a_2 b_3 T_1^{13} T_2^7 + \\
 &40 a_4 b_3 T_1^{13} T_2^7 - c_{16} T_1^{13} T_2^7 - 3 c_{19} T_1^{13} T_2^7 - c_{31} T_1^{13} T_2^7 - 3 c_{34} T_1^{13} T_2^7 - c_{46} T_1^{13} T_2^7 - 3 c_{49} T_1^{13} T_2^7 - \\
 &c_{61} T_1^{13} T_2^7 - 3 c_{64} T_1^{13} T_2^7 - 12 c_{81} T_1^{13} T_2^7 - 43 c_{82} T_1^{13} T_2^7 - 26 c_{85} T_1^{13} T_2^7 - 20 c_{16} T_1^{14} T_2^7 - \\
 &3 c_{19} T_1^{14} T_2^7 - 20 c_{31} T_1^{14} T_2^7 - 3 c_{34} T_1^{14} T_2^7 - 20 c_{46} T_1^{14} T_2^7 - 3 c_{49} T_1^{14} T_2^7 - 20 c_{61} T_1^{14} T_2^7 - \\
 &3 c_{64} T_1^{14} T_2^7 + 35 c_{82} T_1^{14} T_2^7 + 19 c_{85} T_1^{14} T_2^7 + 2 a_2 b_3 T_2^8 - 3 a_4 b_3 T_2^8 - 5 a_2 b_5 T_2^8 + 7 a_4 b_5 T_2^8 - \\
 &11 c_{19} T_2^8 - 11 c_{34} T_2^8 - 11 c_{49} T_2^8 - 11 c_{64} T_2^8 - 8 c_{81} T_2^8 - 15 c_{82} T_2^8 - 8 c_{84} T_2^8 - 4 c_{85} T_2^8 - \\
 &3 a_2 b_3 T_1 T_2^8 + 11 a_4 b_3 T_1 T_2^8 + 4 a_2 b_5 T_1 T_2^8 - 20 a_4 b_5 T_1 T_2^8 + 3 c_{16} T_1 T_2^8 + 3 c_{19} T_1 T_2^8 + \\
 &3 c_{31} T_1 T_2^8 + 3 c_{34} T_1 T_2^8 + 3 c_{46} T_1 T_2^8 + 3 c_{49} T_1 T_2^8 + 3 c_{61} T_1 T_2^8 + 3 c_{64} T_1 T_2^8 + 4 c_{81} T_1 T_2^8 - \\
 &c_{82} T_1 T_2^8 - 4 c_{84} T_1 T_2^8 - 7 c_{85} T_1 T_2^8 + 6 a_2 b_3 T_1^2 T_2^8 - 16 a_4 b_3 T_1^2 T_2^8 - 14 a_2 b_5 T_1^2 T_2^8 + \\
 &17 a_4 b_5 T_1^2 T_2^8 + c_{16} T_1^2 T_2^8 + 3 c_{19} T_1^2 T_2^8 + c_{31} T_1^2 T_2^8 + 3 c_{34} T_1^2 T_2^8 + c_{46} T_1^2 T_2^8 + 3 c_{49} T_1^2 T_2^8 + \\
 &c_{61} T_1^2 T_2^8 + 3 c_{64} T_1^2 T_2^8 - 4 c_{81} T_1^2 T_2^8 + 29 c_{82} T_1^2 T_2^8 - 8 c_{84} T_1^2 T_2^8 + 20 c_{85} T_1^2 T_2^8 - 8 a_2 b_3 T_1^3 T_2^8 + \\
 &38 a_4 b_3 T_1^3 T_2^8 + 18 a_2 b_5 T_1^3 T_2^8 - 58 a_4 b_5 T_1^3 T_2^8 + 2 c_{16} T_1^3 T_2^8 - 5 c_{19} T_1^3 T_2^8 + 2 c_{31} T_1^3 T_2^8 - \\
 &5 c_{34} T_1^3 T_2^8 + 2 c_{46} T_1^3 T_2^8 - 5 c_{49} T_1^3 T_2^8 + 2 c_{61} T_1^3 T_2^8 - 5 c_{64} T_1^3 T_2^8 + 6 c_{81} T_1^3 T_2^8 - 21 c_{82} T_1^3 T_2^8 - \\
 &2 c_{84} T_1^3 T_2^8 - 19 c_{85} T_1^3 T_2^8 - 14 a_2 b_3 T_1^4 T_2^8 - 39 a_4 b_3 T_1^4 T_2^8 + 11 a_2 b_5 T_1^4 T_2^8 + 24 a_4 b_5 T_1^4 T_2^8 + \\
 &6 c_{16} T_1^4 T_2^8 + 15 c_{19} T_1^4 T_2^8 + 6 c_{31} T_1^4 T_2^8 + 15 c_{34} T_1^4 T_2^8 + 6 c_{46} T_1^4 T_2^8 + 15 c_{49} T_1^4 T_2^8 + 6 c_{61} T_1^4 T_2^8 + \\
 &15 c_{64} T_1^4 T_2^8 + 68 c_{81} T_1^4 T_2^8 + 65 c_{82} T_1^4 T_2^8 + 66 c_{84} T_1^4 T_2^8 + 44 c_{85} T_1^4 T_2^8 + 58 a_2 b_3 T_1^5 T_2^8 - \\
 &14 a_4 b_3 T_1^5 T_2^8 - 50 a_2 b_5 T_1^5 T_2^8 + 37 a_4 b_5 T_1^5 T_2^8 - 10 c_{16} T_1^5 T_2^8 - 33 c_{19} T_1^5 T_2^8 - 10 c_{31} T_1^5 T_2^8 - \\
 &33 c_{34} T_1^5 T_2^8 - 10 c_{46} T_1^5 T_2^8 - 33 c_{49} T_1^5 T_2^8 - 10 c_{61} T_1^5 T_2^8 - 33 c_{64} T_1^5 T_2^8 - 142 c_{81} T_1^5 T_2^8 - \\
 &154 c_{82} T_1^5 T_2^8 - 76 c_{84} T_1^5 T_2^8 - 80 c_{85} T_1^5 T_2^8 - 100 a_2 b_3 T_1^6 T_2^8 + 75 a_4 b_3 T_1^6 T_2^8 + 75 a_2 b_5 T_1^6 T_2^8 - \\
 &94 a_4 b_5 T_1^6 T_2^8 + 13 c_{16} T_1^6 T_2^8 + 19 c_{19} T_1^6 T_2^8 + 13 c_{31} T_1^6 T_2^8 + 19 c_{34} T_1^6 T_2^8 + 13 c_{46} T_1^6 T_2^8 + \\
 &19 c_{49} T_1^6 T_2^8 + 13 c_{61} T_1^6 T_2^8 + 19 c_{64} T_1^6 T_2^8 + 142 c_{81} T_1^6 T_2^8 + 142 c_{82} T_1^6 T_2^8 + 66 c_{84} T_1^6 T_2^8 + \\
 &66 c_{85} T_1^6 T_2^8 + 150 a_2 b_3 T_1^7 T_2^8 - 130 a_4 b_3 T_1^7 T_2^8 - 130 a_2 b_5 T_1^7 T_2^8 + 130 a_4 b_5 T_1^7 T_2^8 - \\
 &12 c_{16} T_1^7 T_2^8 - 9 c_{19} T_1^7 T_2^8 - 12 c_{31} T_1^7 T_2^8 - 9 c_{34} T_1^7 T_2^8 - 12 c_{46} T_1^7 T_2^8 - 9 c_{49} T_1^7 T_2^8 - 12 c_{61} T_1^7 T_2^8 - \\
 &9 c_{64} T_1^7 T_2^8 - 150 c_{81} T_1^7 T_2^8 - 106 c_{82} T_1^7 T_2^8 - 84 c_{84} T_1^7 T_2^8 - 48 c_{85} T_1^7 T_2^8 - 200 a_2 b_3 T_1^8 T_2^8 + \\
 &230 a_4 b_3 T_1^8 T_2^8 + 170 a_2 b_5 T_1^8 T_2^8 - 263 a_4 b_5 T_1^8 T_2^8 + 7 c_{16} T_1^8 T_2^8 + 7 c_{19} T_1^8 T_2^8 + 7 c_{31} T_1^8 T_2^8 + \\
 &7 c_{34} T_1^8 T_2^8 + 7 c_{46} T_1^8 T_2^8 + 7 c_{49} T_1^8 T_2^8 + 7 c_{61} T_1^8 T_2^8 + 7 c_{64} T_1^8 T_2^8 + 142 c_{81} T_1^8 T_2^8 + 142 c_{82} T_1^8 T_2^8 + \\
 &58 c_{84} T_1^8 T_2^8 + 58 c_{85} T_1^8 T_2^8 + 198 a_2 b_3 T_1^9 T_2^8 - 283 a_4 b_3 T_1^9 T_2^8 - 141 a_2 b_5 T_1^9 T_2^8 + 229 a_4 b_5 T_1^9 T_2^8 + \\
 &6 c_{16} T_1^9 T_2^8 + 11 c_{19} T_1^9 T_2^8 + 6 c_{31} T_1^9 T_2^8 + 11 c_{34} T_1^9 T_2^8 + 6 c_{46} T_1^9 T_2^8 + 11 c_{49} T_1^9 T_2^8 + 6 c_{61} T_1^9 T_2^8 + \\
 &11 c_{64} T_1^9 T_2^8 - 52 c_{81} T_1^9 T_2^8 - 74 c_{82} T_1^9 T_2^8 + 6 c_{84} T_1^9 T_2^8 - 16 c_{85} T_1^9 T_2^8 - 156 a_2 b_3 T_1^{10} T_2^8 + \\
 &233 a_4 b_3 T_1^{10} T_2^8 + 107 a_2 b_5 T_1^{10} T_2^8 - 175 a_4 b_5 T_1^{10} T_2^8 - 34 c_{16} T_1^{10} T_2^8 - 12 c_{19} T_1^{10} T_2^8 - \\
 &34 c_{31} T_1^{10} T_2^8 - 12 c_{34} T_1^{10} T_2^8 - 34 c_{46} T_1^{10} T_2^8 - 12 c_{49} T_1^{10} T_2^8 - 34 c_{61} T_1^{10} T_2^8 - 12 c_{64} T_1^{10} T_2^8 - \\
 &14 c_{81} T_1^{10} T_2^8 - 39 c_{82} T_1^{10} T_2^8 - 8 c_{84} T_1^{10} T_2^8 - 36 c_{85} T_1^{10} T_2^8 + 115 a_2 b_3 T_1^{11} T_2^8 - 180 a_4 b_3 T_1^{11} T_2^8 - \\
 &81 a_2 b_5 T_1^{11} T_2^8 + 131 a_4 b_5 T_1^{11} T_2^8 + 16 c_{16} T_1^{11} T_2^8 + 6 c_{19} T_1^{11} T_2^8 + 16 c_{31} T_1^{11} T_2^8 + 6 c_{34} T_1^{11} T_2^8 +
 \end{aligned}$$

$$\begin{aligned}
 & 16 c_{46} T_1^{11} T_2^8 + 6 c_{49} T_1^{11} T_2^8 + 16 c_{61} T_1^{11} T_2^8 + 6 c_{64} T_1^{11} T_2^8 + 18 c_{81} T_1^{11} T_2^8 + 43 c_{82} T_1^{11} T_2^8 + \\
 & 10 c_{84} T_1^{11} T_2^8 + 33 c_{85} T_1^{11} T_2^8 - 68 a_2 b_3 T_1^{12} T_2^8 + 130 a_4 b_3 T_1^{12} T_2^8 + 36 a_2 b_5 T_1^{12} T_2^8 - \\
 & 92 a_4 b_5 T_1^{12} T_2^8 - 21 c_{16} T_1^{12} T_2^8 - 2 c_{19} T_1^{12} T_2^8 - 21 c_{31} T_1^{12} T_2^8 - 2 c_{34} T_1^{12} T_2^8 - 21 c_{46} T_1^{12} T_2^8 - \\
 & 2 c_{49} T_1^{12} T_2^8 - 21 c_{61} T_1^{12} T_2^8 - 2 c_{64} T_1^{12} T_2^8 - 26 c_{81} T_1^{12} T_2^8 - 35 c_{82} T_1^{12} T_2^8 - 16 c_{84} T_1^{12} T_2^8 - \\
 & 28 c_{85} T_1^{12} T_2^8 + 20 a_2 b_3 T_1^{13} T_2^8 - 52 a_4 b_3 T_1^{13} T_2^8 - 5 c_{16} T_1^{13} T_2^8 + 2 c_{19} T_1^{13} T_2^8 - 5 c_{31} T_1^{13} T_2^8 + \\
 & 2 c_{34} T_1^{13} T_2^8 - 5 c_{46} T_1^{13} T_2^8 + 2 c_{49} T_1^{13} T_2^8 - 5 c_{61} T_1^{13} T_2^8 + 2 c_{64} T_1^{13} T_2^8 + 16 c_{81} T_1^{13} T_2^8 + \\
 & 63 c_{82} T_1^{13} T_2^8 + 37 c_{85} T_1^{13} T_2^8 + 28 c_{16} T_1^{14} T_2^8 + 6 c_{19} T_1^{14} T_2^8 + 28 c_{31} T_1^{14} T_2^8 + 6 c_{34} T_1^{14} T_2^8 + \\
 & 28 c_{46} T_1^{14} T_2^8 + 6 c_{49} T_1^{14} T_2^8 + 28 c_{61} T_1^{14} T_2^8 + 6 c_{64} T_1^{14} T_2^8 - 39 c_{82} T_1^{14} T_2^8 - 20 c_{85} T_1^{14} T_2^8 - \\
 & a_2 b_3 T_2^9 + 2 a_4 b_3 T_2^9 + 3 a_2 b_5 T_2^9 - 5 a_4 b_5 T_2^9 + 4 c_{19} T_2^9 + 4 c_{34} T_2^9 + 4 c_{49} T_2^9 + 4 c_{64} T_2^9 + \\
 & 4 c_{81} T_2^9 + 4 c_{82} T_2^9 + 4 c_{84} T_2^9 - 6 a_4 b_3 T_1 T_2^9 + 12 a_4 b_5 T_1 T_2^9 - c_{16} T_1 T_2^9 + 10 c_{19} T_1 T_2^9 - \\
 & c_{31} T_1 T_2^9 + 10 c_{34} T_1 T_2^9 - c_{46} T_1 T_2^9 + 10 c_{49} T_1 T_2^9 - c_{61} T_1 T_2^9 + 10 c_{64} T_1 T_2^9 + 4 c_{81} T_1 T_2^9 + \\
 & 14 c_{82} T_1 T_2^9 + 8 c_{84} T_1 T_2^9 + 7 c_{85} T_1 T_2^9 + 6 a_4 b_3 T_1^2 T_2^9 + 6 a_4 b_5 T_1^2 T_2^9 - 10 a_4 b_5 T_1^2 T_2^9 - \\
 & 3 c_{16} T_1^2 T_2^9 - 16 c_{19} T_1^2 T_2^9 - 3 c_{31} T_1^2 T_2^9 - 16 c_{34} T_1^2 T_2^9 - 3 c_{46} T_1^2 T_2^9 - 16 c_{49} T_1^2 T_2^9 - 3 c_{61} T_1^2 T_2^9 - \\
 & 16 c_{64} T_1^2 T_2^9 - 8 c_{81} T_1^2 T_2^9 - 28 c_{82} T_1^2 T_2^9 - 8 c_{85} T_1^2 T_2^9 - 2 a_2 b_3 T_1^3 T_2^9 - 14 a_4 b_3 T_1^3 T_2^9 + \\
 & 42 a_4 b_5 T_1^3 T_2^9 + 2 c_{16} T_1^3 T_2^9 + 24 c_{19} T_1^3 T_2^9 + 2 c_{31} T_1^3 T_2^9 + 24 c_{34} T_1^3 T_2^9 + 2 c_{46} T_1^3 T_2^9 + \\
 & 24 c_{49} T_1^3 T_2^9 + 2 c_{61} T_1^3 T_2^9 + 24 c_{64} T_1^3 T_2^9 + 24 c_{81} T_1^3 T_2^9 + 22 c_{82} T_1^3 T_2^9 + 24 c_{84} T_1^3 T_2^9 + 3 c_{85} T_1^3 T_2^9 + \\
 & 24 a_2 b_3 T_1^4 T_2^9 - 14 a_4 b_3 T_1^4 T_2^9 - 38 a_2 b_5 T_1^4 T_2^9 + 17 a_4 b_5 T_1^4 T_2^9 - 10 c_{16} T_1^4 T_2^9 - 36 c_{19} T_1^4 T_2^9 - \\
 & 10 c_{31} T_1^4 T_2^9 - 36 c_{34} T_1^4 T_2^9 - 10 c_{46} T_1^4 T_2^9 - 36 c_{49} T_1^4 T_2^9 - 10 c_{61} T_1^4 T_2^9 - 36 c_{64} T_1^4 T_2^9 - \\
 & 104 c_{81} T_1^4 T_2^9 - 60 c_{82} T_1^4 T_2^9 - 80 c_{84} T_1^4 T_2^9 - 16 c_{85} T_1^4 T_2^9 - 61 a_2 b_3 T_1^5 T_2^9 + 96 a_4 b_3 T_1^5 T_2^9 + \\
 & 81 a_2 b_5 T_1^5 T_2^9 - 93 a_4 b_5 T_1^5 T_2^9 + 10 c_{16} T_1^5 T_2^9 + 38 c_{19} T_1^5 T_2^9 + 10 c_{31} T_1^5 T_2^9 + 38 c_{34} T_1^5 T_2^9 + \\
 & 10 c_{46} T_1^5 T_2^9 + 38 c_{49} T_1^5 T_2^9 + 10 c_{61} T_1^5 T_2^9 + 38 c_{64} T_1^5 T_2^9 + 154 c_{81} T_1^5 T_2^9 + 104 c_{82} T_1^5 T_2^9 + \\
 & 74 c_{84} T_1^5 T_2^9 + 24 c_{85} T_1^5 T_2^9 + 94 a_2 b_3 T_1^6 T_2^9 - 181 a_4 b_3 T_1^6 T_2^9 - 113 a_2 b_5 T_1^6 T_2^9 + 163 a_4 b_5 T_1^6 T_2^9 - \\
 & 7 c_{16} T_1^6 T_2^9 - 14 c_{19} T_1^6 T_2^9 - 7 c_{31} T_1^6 T_2^9 - 14 c_{34} T_1^6 T_2^9 - 7 c_{46} T_1^6 T_2^9 - 14 c_{49} T_1^6 T_2^9 - 7 c_{61} T_1^6 T_2^9 - \\
 & 14 c_{64} T_1^6 T_2^9 - 130 c_{81} T_1^6 T_2^9 - 68 c_{82} T_1^6 T_2^9 - 56 c_{84} T_1^6 T_2^9 - 2 c_{85} T_1^6 T_2^9 - 133 a_2 b_3 T_1^7 T_2^9 + \\
 & 263 a_4 b_3 T_1^7 T_2^9 + 170 a_2 b_5 T_1^7 T_2^9 - 230 a_4 b_5 T_1^7 T_2^9 + 6 c_{19} T_1^7 T_2^9 + 6 c_{34} T_1^7 T_2^9 + 6 c_{49} T_1^7 T_2^9 + \\
 & 6 c_{64} T_1^7 T_2^9 + 114 c_{81} T_1^7 T_2^9 + 40 c_{82} T_1^7 T_2^9 + 58 c_{84} T_1^7 T_2^9 - 8 c_{85} T_1^7 T_2^9 + 170 a_2 b_3 T_1^8 T_2^9 - \\
 & 370 a_4 b_3 T_1^8 T_2^9 - 200 a_2 b_5 T_1^8 T_2^9 + 370 a_4 b_5 T_1^8 T_2^9 + 11 c_{16} T_1^8 T_2^9 + 6 c_{19} T_1^8 T_2^9 + 11 c_{31} T_1^8 T_2^9 + \\
 & 6 c_{34} T_1^8 T_2^9 + 11 c_{46} T_1^8 T_2^9 + 6 c_{49} T_1^8 T_2^9 + 11 c_{61} T_1^8 T_2^9 + 6 c_{64} T_1^8 T_2^9 - 74 c_{81} T_1^8 T_2^9 - \\
 & 52 c_{82} T_1^8 T_2^9 - 16 c_{84} T_1^8 T_2^9 + 6 c_{85} T_1^8 T_2^9 - 164 a_2 b_3 T_1^9 T_2^9 + 398 a_4 b_3 T_1^9 T_2^9 + 162 a_2 b_5 T_1^9 T_2^9 - \\
 & 311 a_4 b_5 T_1^9 T_2^9 - 26 c_{16} T_1^9 T_2^9 - 26 c_{19} T_1^9 T_2^9 - 26 c_{31} T_1^9 T_2^9 - 26 c_{34} T_1^9 T_2^9 - 26 c_{46} T_1^9 T_2^9 - \\
 & 26 c_{49} T_1^9 T_2^9 - 26 c_{61} T_1^9 T_2^9 - 26 c_{64} T_1^9 T_2^9 - 24 c_{81} T_1^9 T_2^9 - 24 c_{82} T_1^9 T_2^9 - 40 c_{84} T_1^9 T_2^9 - \\
 & 40 c_{85} T_1^9 T_2^9 + 128 a_2 b_3 T_1^{10} T_2^9 - 318 a_4 b_3 T_1^{10} T_2^9 - 122 a_2 b_5 T_1^{10} T_2^9 + 240 a_4 b_5 T_1^{10} T_2^9 + \\
 & 38 c_{16} T_1^{10} T_2^9 + 14 c_{19} T_1^{10} T_2^9 + 38 c_{31} T_1^{10} T_2^9 + 14 c_{34} T_1^{10} T_2^9 + 38 c_{46} T_1^{10} T_2^9 + 14 c_{49} T_1^{10} T_2^9 + \\
 & 38 c_{61} T_1^{10} T_2^9 + 14 c_{64} T_1^{10} T_2^9 + 70 c_{81} T_1^{10} T_2^9 + 100 c_{82} T_1^{10} T_2^9 + 30 c_{84} T_1^{10} T_2^9 + 64 c_{85} T_1^{10} T_2^9 - \\
 & 94 a_2 b_3 T_1^{11} T_2^9 + 237 a_4 b_3 T_1^{11} T_2^9 + 87 a_2 b_5 T_1^{11} T_2^9 - 177 a_4 b_5 T_1^{11} T_2^9 - 12 c_{16} T_1^{11} T_2^9 - \\
 & 4 c_{19} T_1^{11} T_2^9 - 12 c_{31} T_1^{11} T_2^9 - 4 c_{34} T_1^{11} T_2^9 - 12 c_{46} T_1^{11} T_2^9 - 4 c_{49} T_1^{11} T_2^9 - 12 c_{61} T_1^{11} T_2^9 - \\
 & 4 c_{64} T_1^{11} T_2^9 - 54 c_{81} T_1^{11} T_2^9 - 82 c_{82} T_1^{11} T_2^9 - 24 c_{84} T_1^{11} T_2^9 - 49 c_{85} T_1^{11} T_2^9 + 55 a_2 b_3 T_1^{12} T_2^9 - \\
 & 155 a_4 b_3 T_1^{12} T_2^9 - 36 a_2 b_5 T_1^{12} T_2^9 + 108 a_4 b_5 T_1^{12} T_2^9 + 7 c_{16} T_1^{12} T_2^9 + 2 c_{19} T_1^{12} T_2^9 + 7 c_{31} T_1^{12} T_2^9 + \\
 & 2 c_{34} T_1^{12} T_2^9 + 7 c_{46} T_1^{12} T_2^9 + 2 c_{49} T_1^{12} T_2^9 + 7 c_{61} T_1^{12} T_2^9 + 2 c_{64} T_1^{12} T_2^9 + 42 c_{81} T_1^{12} T_2^9 + \\
 & 68 c_{82} T_1^{12} T_2^9 + 18 c_{84} T_1^{12} T_2^9 + 40 c_{85} T_1^{12} T_2^9 - 16 a_2 b_3 T_1^{13} T_2^9 + 56 a_4 b_3 T_1^{13} T_2^9 + 27 c_{16} T_1^{13} T_2^9 + \\
 & 2 c_{19} T_1^{13} T_2^9 + 27 c_{31} T_1^{13} T_2^9 + 2 c_{34} T_1^{13} T_2^9 + 27 c_{46} T_1^{13} T_2^9 + 2 c_{49} T_1^{13} T_2^9 + 27 c_{61} T_1^{13} T_2^9 + \\
 & 2 c_{64} T_1^{13} T_2^9 - 18 c_{81} T_1^{13} T_2^9 - 74 c_{82} T_1^{13} T_2^9 - 37 c_{85} T_1^{13} T_2^9 - 36 c_{16} T_1^{14} T_2^9 - 10 c_{19} T_1^{14} T_2^9 - \\
 & 36 c_{31} T_1^{14} T_2^9 - 10 c_{34} T_1^{14} T_2^9 - 36 c_{46} T_1^{14} T_2^9 - 10 c_{49} T_1^{14} T_2^9 - 36 c_{61} T_1^{14} T_2^9 - 10 c_{64} T_1^{14} T_2^9 + \\
 & 36 c_{82} T_1^{14} T_2^9 + 16 c_{85} T_1^{14} T_2^9 - a_4 b_3 T_2^{10} - a_2 b_5 T_2^{10} + 3 a_4 b_5 T_2^{10} - c_{81} T_2^{10} - c_{84} T_2^{10} + \\
 & 2 a_2 b_3 T_1 T_2^{10} + a_4 b_3 T_1 T_2^{10} - 3 a_2 b_5 T_1 T_2^{10} - 4 a_4 b_5 T_1 T_2^{10} - 8 c_{19} T_1 T_2^{10} - 8 c_{34} T_1 T_2^{10} - \\
 & 8 c_{49} T_1 T_2^{10} - 8 c_{64} T_1 T_2^{10} - 7 c_{81} T_1 T_2^{10} - 7 c_{82} T_1 T_2^{10} - 8 c_{84} T_1 T_2^{10} - 2 a_2 b_3 T_1^2 T_2^{10} + \\
 & 3 a_4 b_3 T_1^2 T_2^{10} - a_2 b_5 T_1^2 T_2^{10} - a_4 b_5 T_1^2 T_2^{10} + 2 c_{16} T_1^2 T_2^{10} + 2 c_{19} T_1^2 T_2^{10} + 2 c_{31} T_1^2 T_2^{10} + \\
 & 2 c_{34} T_1^2 T_2^{10} + 2 c_{46} T_1^2 T_2^{10} + 2 c_{49} T_1^2 T_2^{10} + 2 c_{61} T_1^2 T_2^{10} + 2 c_{64} T_1^2 T_2^{10} + 7 c_{81} T_1^2 T_2^{10} + \\
 & 3 c_{82} T_1^2 T_2^{10} - c_{84} T_1^2 T_2^{10} - 5 c_{85} T_1^2 T_2^{10} + 3 a_2 b_3 T_1^3 T_2^{10} - a_4 b_3 T_1^3 T_2^{10} - 6 a_2 b_5 T_1^3 T_2^{10} - \\
 & 14 a_4 b_5 T_1^3 T_2^{10} - 4 c_{19} T_1^3 T_2^{10} - 4 c_{34} T_1^3 T_2^{10} - 4 c_{49} T_1^3 T_2^{10} - 4 c_{64} T_1^3 T_2^{10} - 15 c_{81} T_1^3 T_2^{10} +
 \end{aligned}$$



$$\begin{aligned}
 &5 c_{82} T_1^3 T_2^{10} - 16 c_{84} T_1^3 T_2^{10} + 8 c_{85} T_1^3 T_2^{10} - 20 a_2 b_3 T_1^4 T_2^{10} + 30 a_4 b_3 T_1^4 T_2^{10} + 38 a_2 b_5 T_1^4 T_2^{10} - \\
 &58 a_4 b_5 T_1^4 T_2^{10} + 4 c_{16} T_1^4 T_2^{10} + 4 c_{19} T_1^4 T_2^{10} + 4 c_{31} T_1^4 T_2^{10} + 4 c_{34} T_1^4 T_2^{10} + 4 c_{46} T_1^4 T_2^{10} + \\
 &4 c_{49} T_1^4 T_2^{10} + 4 c_{61} T_1^4 T_2^{10} + 4 c_{64} T_1^4 T_2^{10} + 60 c_{81} T_1^4 T_2^{10} + 15 c_{82} T_1^4 T_2^{10} + 44 c_{84} T_1^4 T_2^{10} - \\
 &c_{85} T_1^4 T_2^{10} + 48 a_2 b_3 T_1^5 T_2^{10} - 99 a_4 b_3 T_1^5 T_2^{10} - 71 a_2 b_5 T_1^5 T_2^{10} + 137 a_4 b_5 T_1^5 T_2^{10} + 14 c_{19} T_1^5 T_2^{10} + \\
 &14 c_{34} T_1^5 T_2^{10} + 14 c_{49} T_1^5 T_2^{10} + 14 c_{64} T_1^5 T_2^{10} - 65 c_{81} T_1^5 T_2^{10} - 24 c_{82} T_1^5 T_2^{10} - 21 c_{84} T_1^5 T_2^{10} - \\
 &73 a_2 b_3 T_1^6 T_2^{10} + 165 a_4 b_3 T_1^6 T_2^{10} + 96 a_2 b_5 T_1^6 T_2^{10} - 209 a_4 b_5 T_1^6 T_2^{10} - 5 c_{16} T_1^6 T_2^{10} - \\
 &34 c_{19} T_1^6 T_2^{10} - 5 c_{31} T_1^6 T_2^{10} - 34 c_{34} T_1^6 T_2^{10} - 5 c_{46} T_1^6 T_2^{10} - 34 c_{49} T_1^6 T_2^{10} - 5 c_{61} T_1^6 T_2^{10} - \\
 &34 c_{64} T_1^6 T_2^{10} + 21 c_{81} T_1^6 T_2^{10} - 6 c_{82} T_1^6 T_2^{10} - 8 c_{85} T_1^6 T_2^{10} + 104 a_2 b_3 T_1^7 T_2^{10} - 229 a_4 b_3 T_1^7 T_2^{10} - \\
 &141 a_2 b_5 T_1^7 T_2^{10} + 283 a_4 b_5 T_1^7 T_2^{10} + 9 c_{16} T_1^7 T_2^{10} + 26 c_{19} T_1^7 T_2^{10} + 9 c_{31} T_1^7 T_2^{10} + 26 c_{34} T_1^7 T_2^{10} + \\
 &9 c_{46} T_1^7 T_2^{10} + 26 c_{49} T_1^7 T_2^{10} + 9 c_{61} T_1^7 T_2^{10} + 26 c_{64} T_1^7 T_2^{10} + 3 c_{81} T_1^7 T_2^{10} + 14 c_{82} T_1^7 T_2^{10} + \\
 &3 c_{84} T_1^7 T_2^{10} + 6 c_{85} T_1^7 T_2^{10} - 133 a_2 b_3 T_1^8 T_2^{10} + 311 a_4 b_3 T_1^8 T_2^{10} + 162 a_2 b_5 T_1^8 T_2^{10} - \\
 &398 a_4 b_5 T_1^8 T_2^{10} - 12 c_{16} T_1^8 T_2^{10} - 34 c_{19} T_1^8 T_2^{10} - 12 c_{31} T_1^8 T_2^{10} - 34 c_{34} T_1^8 T_2^{10} - 12 c_{46} T_1^8 T_2^{10} - \\
 &34 c_{49} T_1^8 T_2^{10} - 12 c_{61} T_1^8 T_2^{10} - 34 c_{64} T_1^8 T_2^{10} - 39 c_{81} T_1^8 T_2^{10} - 14 c_{82} T_1^8 T_2^{10} - 36 c_{84} T_1^8 T_2^{10} - \\
 &8 c_{85} T_1^8 T_2^{10} + 128 a_2 b_3 T_1^9 T_2^{10} - 326 a_4 b_3 T_1^9 T_2^{10} - 130 a_2 b_5 T_1^9 T_2^{10} + 326 a_4 b_5 T_1^9 T_2^{10} + \\
 &14 c_{16} T_1^9 T_2^{10} + 38 c_{19} T_1^9 T_2^{10} + 14 c_{31} T_1^9 T_2^{10} + 38 c_{34} T_1^9 T_2^{10} + 14 c_{46} T_1^9 T_2^{10} + 38 c_{49} T_1^9 T_2^{10} + \\
 &14 c_{61} T_1^9 T_2^{10} + 38 c_{64} T_1^9 T_2^{10} + 100 c_{81} T_1^9 T_2^{10} + 70 c_{82} T_1^9 T_2^{10} + 64 c_{84} T_1^9 T_2^{10} + 30 c_{85} T_1^9 T_2^{10} - \\
 &100 a_2 b_3 T_1^{10} T_2^{10} + 258 a_4 b_3 T_1^{10} T_2^{10} + 98 a_2 b_5 T_1^{10} T_2^{10} - 250 a_4 b_5 T_1^{10} T_2^{10} - 6 c_{16} T_1^{10} T_2^{10} - \\
 &6 c_{19} T_1^{10} T_2^{10} - 6 c_{31} T_1^{10} T_2^{10} - 6 c_{34} T_1^{10} T_2^{10} - 6 c_{46} T_1^{10} T_2^{10} - 6 c_{49} T_1^{10} T_2^{10} - 6 c_{61} T_1^{10} T_2^{10} - \\
 &6 c_{64} T_1^{10} T_2^{10} - 104 c_{81} T_1^{10} T_2^{10} - 104 c_{82} T_1^{10} T_2^{10} - 40 c_{84} T_1^{10} T_2^{10} - 40 c_{85} T_1^{10} T_2^{10} + \\
 &73 a_2 b_3 T_1^{11} T_2^{10} - 192 a_4 b_3 T_1^{11} T_2^{10} - 69 a_2 b_5 T_1^{11} T_2^{10} + 179 a_4 b_5 T_1^{11} T_2^{10} - 20 c_{16} T_1^{11} T_2^{10} - \\
 &6 c_{19} T_1^{11} T_2^{10} - 20 c_{31} T_1^{11} T_2^{10} - 6 c_{34} T_1^{11} T_2^{10} - 20 c_{46} T_1^{11} T_2^{10} - 6 c_{49} T_1^{11} T_2^{10} - 20 c_{61} T_1^{11} T_2^{10} - \\
 &6 c_{64} T_1^{11} T_2^{10} + 68 c_{81} T_1^{11} T_2^{10} + 81 c_{82} T_1^{11} T_2^{10} + 28 c_{84} T_1^{11} T_2^{10} + 32 c_{85} T_1^{11} T_2^{10} - 42 a_2 b_3 T_1^{12} T_2^{10} + \\
 &124 a_4 b_3 T_1^{12} T_2^{10} + 28 a_2 b_5 T_1^{12} T_2^{10} - 100 a_4 b_5 T_1^{12} T_2^{10} + 21 c_{16} T_1^{12} T_2^{10} + 4 c_{19} T_1^{12} T_2^{10} + \\
 &21 c_{31} T_1^{12} T_2^{10} + 4 c_{34} T_1^{12} T_2^{10} + 21 c_{46} T_1^{12} T_2^{10} + 4 c_{49} T_1^{12} T_2^{10} + 21 c_{61} T_1^{12} T_2^{10} + 4 c_{64} T_1^{12} T_2^{10} - \\
 &44 c_{81} T_1^{12} T_2^{10} - 69 c_{82} T_1^{12} T_2^{10} - 16 c_{84} T_1^{12} T_2^{10} - 29 c_{85} T_1^{12} T_2^{10} + 12 a_2 b_3 T_1^{13} T_2^{10} - \\
 &44 a_4 b_3 T_1^{13} T_2^{10} - 43 c_{16} T_1^{13} T_2^{10} - 10 c_{19} T_1^{13} T_2^{10} - 43 c_{31} T_1^{13} T_2^{10} - 10 c_{34} T_1^{13} T_2^{10} - 10 c_{46} T_1^{13} T_2^{10} + \\
 &16 c_{81} T_1^{13} T_2^{10} + 61 c_{82} T_1^{13} T_2^{10} + 61 c_{84} T_1^{13} T_2^{10} + 24 c_{85} T_1^{13} T_2^{10} + 36 c_{16} T_1^{14} T_2^{10} + 14 c_{19} T_1^{14} T_2^{10} + 36 c_{31} T_1^{14} T_2^{10} + \\
 &14 c_{34} T_1^{14} T_2^{10} + 36 c_{46} T_1^{14} T_2^{10} + 14 c_{49} T_1^{14} T_2^{10} + 36 c_{61} T_1^{14} T_2^{10} + 14 c_{64} T_1^{14} T_2^{10} - 25 c_{82} T_1^{14} T_2^{10} - 9 c_{85} T_1^{14} T_2^{10} - \\
 &a_4 b_5 T_1^{11} + 2 a_4 b_3 T_1 T_2^{11} + 2 a_2 b_5 T_1 T_2^{11} - 2 a_4 b_5 T_1 T_2^{11} + 3 c_{81} T_1 T_2^{11} + 3 c_{84} T_1 T_2^{11} - 3 a_2 b_3 T_1^2 T_2^{11} - \\
 &4 a_4 b_3 T_1^2 T_2^{11} + 3 a_2 b_5 T_1^2 T_2^{11} + 5 a_4 b_5 T_1^2 T_2^{11} + 8 c_{19} T_1^2 T_2^{11} + 8 c_{34} T_1^2 T_2^{11} + 8 c_{49} T_1^2 T_2^{11} + \\
 &8 c_{64} T_1^2 T_2^{11} + 5 c_{81} T_1^2 T_2^{11} + 5 c_{82} T_1^2 T_2^{11} + 8 c_{84} T_1^2 T_2^{11} + 4 a_2 b_3 T_1^3 T_2^{11} + 2 a_2 b_5 T_1^3 T_2^{11} + \\
 &4 a_4 b_5 T_1^3 T_2^{11} - 2 c_{16} T_1^3 T_2^{11} - 2 c_{19} T_1^3 T_2^{11} - 2 c_{31} T_1^3 T_2^{11} - 2 c_{34} T_1^3 T_2^{11} - 2 c_{46} T_1^3 T_2^{11} - \\
 &2 c_{49} T_1^3 T_2^{11} - 2 c_{61} T_1^3 T_2^{11} - 2 c_{64} T_1^3 T_2^{11} - 5 c_{81} T_1^3 T_2^{11} - 5 c_{82} T_1^3 T_2^{11} + 3 c_{84} T_1^3 T_2^{11} + 3 c_{85} T_1^3 T_2^{11} + \\
 &8 a_2 b_3 T_1^4 T_2^{11} - 22 a_4 b_3 T_1^4 T_2^{11} - 26 a_2 b_5 T_1^4 T_2^{11} + 56 a_4 b_5 T_1^4 T_2^{11} + 4 c_{19} T_1^4 T_2^{11} + 4 c_{34} T_1^4 T_2^{11} + \\
 &4 c_{49} T_1^4 T_2^{11} + 4 c_{64} T_1^4 T_2^{11} - 22 c_{81} T_1^4 T_2^{11} - 7 c_{82} T_1^4 T_2^{11} - 19 c_{84} T_1^4 T_2^{11} - 8 c_{85} T_1^4 T_2^{11} - \\
 &28 a_2 b_3 T_1^5 T_2^{11} + 74 a_4 b_3 T_1^5 T_2^{11} + 50 a_2 b_5 T_1^5 T_2^{11} - 117 a_4 b_5 T_1^5 T_2^{11} - 4 c_{16} T_1^5 T_2^{11} - \\
 &20 c_{19} T_1^5 T_2^{11} - 4 c_{31} T_1^5 T_2^{11} - 20 c_{34} T_1^5 T_2^{11} - 4 c_{46} T_1^5 T_2^{11} - 20 c_{49} T_1^5 T_2^{11} - 4 c_{61} T_1^5 T_2^{11} - \\
 &20 c_{64} T_1^5 T_2^{11} + 21 c_{81} T_1^5 T_2^{11} + 8 c_{82} T_1^5 T_2^{11} + 2 c_{84} T_1^5 T_2^{11} + 8 c_{85} T_1^5 T_2^{11} + 48 a_2 b_3 T_1^6 T_2^{11} - \\
 &123 a_4 b_3 T_1^6 T_2^{11} - 71 a_2 b_5 T_1^6 T_2^{11} + 171 a_4 b_5 T_1^6 T_2^{11} + 7 c_{16} T_1^6 T_2^{11} + 20 c_{19} T_1^6 T_2^{11} + \\
 &7 c_{31} T_1^6 T_2^{11} + 20 c_{34} T_1^6 T_2^{11} + 7 c_{46} T_1^6 T_2^{11} + 20 c_{49} T_1^6 T_2^{11} + 7 c_{61} T_1^6 T_2^{11} + 20 c_{64} T_1^6 T_2^{11} + \\
 &7 c_{81} T_1^6 T_2^{11} + 4 c_{82} T_1^6 T_2^{11} + 9 c_{84} T_1^6 T_2^{11} - 4 c_{85} T_1^6 T_2^{11} - 74 a_2 b_3 T_1^7 T_2^{11} + 175 a_4 b_3 T_1^7 T_2^{11} + \\
 &107 a_2 b_5 T_1^7 T_2^{11} - 233 a_4 b_5 T_1^7 T_2^{11} - 7 c_{16} T_1^7 T_2^{11} - 4 c_{19} T_1^7 T_2^{11} - 7 c_{31} T_1^7 T_2^{11} - 4 c_{34} T_1^7 T_2^{11} - \\
 &7 c_{46} T_1^7 T_2^{11} - 4 c_{49} T_1^7 T_2^{11} - 7 c_{61} T_1^7 T_2^{11} - 4 c_{64} T_1^7 T_2^{11} - 19 c_{81} T_1^7 T_2^{11} - 6 c_{82} T_1^7 T_2^{11} - \\
 &10 c_{84} T_1^7 T_2^{11} + 96 a_2 b_3 T_1^8 T_2^{11} - 240 a_4 b_3 T_1^8 T_2^{11} - 122 a_2 b_5 T_1^8 T_2^{11} + 318 a_4 b_5 T_1^8 T_2^{11} + \\
 &6 c_{16} T_1^8 T_2^{11} + 16 c_{19} T_1^8 T_2^{11} + 6 c_{31} T_1^8 T_2^{11} + 16 c_{34} T_1^8 T_2^{11} + 6 c_{46} T_1^8 T_2^{11} + 16 c_{49} T_1^8 T_2^{11} + \\
 &6 c_{61} T_1^8 T_2^{11} + 16 c_{64} T_1^8 T_2^{11} + 43 c_{81} T_1^8 T_2^{11} + 18 c_{82} T_1^8 T_2^{11} + 33 c_{84} T_1^8 T_2^{11} + 10 c_{85} T_1^8 T_2^{11} - \\
 &92 a_2 b_3 T_1^9 T_2^{11} + 250 a_4 b_3 T_1^9 T_2^{11} + 98 a_2 b_5 T_1^9 T_2^{11} - 258 a_4 b_5 T_1^9 T_2^{11} - 4 c_{16} T_1^9 T_2^{11} - \\
 &12 c_{19} T_1^9 T_2^{11} - 4 c_{31} T_1^9 T_2^{11} - 12 c_{34} T_1^9 T_2^{11} - 4 c_{46} T_1^9 T_2^{11} - 12 c_{49} T_1^9 T_2^{11} - 4 c_{61} T_1^9 T_2^{11} - \\
 &12 c_{64} T_1^9 T_2^{11} - 82 c_{81} T_1^9 T_2^{11} - 54 c_{82} T_1^9 T_2^{11} - 49 c_{84} T_1^9 T_2^{11} - 24 c_{85} T_1^9 T_2^{11} + 72 a_2 b_3 T_1^{10} T_2^{11} -
 \end{aligned}$$



$$\begin{aligned}
 & 198 a_4 b_3 T_1^{10} T_2^{11} - 74 a_2 b_5 T_1^{10} T_2^{11} + 198 a_4 b_5 T_1^{10} T_2^{11} - 6 c_{16} T_1^{10} T_2^{11} - 20 c_{19} T_1^{10} T_2^{11} - \\
 & 6 c_{31} T_1^{10} T_2^{11} - 20 c_{34} T_1^{10} T_2^{11} - 6 c_{46} T_1^{10} T_2^{11} - 20 c_{49} T_1^{10} T_2^{11} - 6 c_{61} T_1^{10} T_2^{11} - 20 c_{64} T_1^{10} T_2^{11} + \\
 & 81 c_{81} T_1^{10} T_2^{11} + 68 c_{82} T_1^{10} T_2^{11} + 32 c_{84} T_1^{10} T_2^{11} + 28 c_{85} T_1^{10} T_2^{11} - 52 a_2 b_3 T_1^{11} T_2^{11} + \\
 & 147 a_4 b_3 T_1^{11} T_2^{11} + 51 a_2 b_5 T_1^{11} T_2^{11} - 141 a_4 b_5 T_1^{11} T_2^{11} + 20 c_{16} T_1^{11} T_2^{11} + 20 c_{19} T_1^{11} T_2^{11} + \\
 & 20 c_{31} T_1^{11} T_2^{11} + 20 c_{34} T_1^{11} T_2^{11} + 20 c_{46} T_1^{11} T_2^{11} + 20 c_{49} T_1^{11} T_2^{11} + 20 c_{61} T_1^{11} T_2^{11} + 20 c_{64} T_1^{11} T_2^{11} - \\
 & 56 c_{81} T_1^{11} T_2^{11} - 56 c_{82} T_1^{11} T_2^{11} - 24 c_{84} T_1^{11} T_2^{11} - 24 c_{85} T_1^{11} T_2^{11} + 29 a_2 b_3 T_1^{12} T_2^{11} - \\
 & 93 a_4 b_3 T_1^{12} T_2^{11} - 20 a_2 b_5 T_1^{12} T_2^{11} + 76 a_4 b_5 T_1^{12} T_2^{11} - 19 c_{16} T_1^{12} T_2^{11} - 12 c_{19} T_1^{12} T_2^{11} - \\
 & 19 c_{31} T_1^{12} T_2^{11} - 12 c_{34} T_1^{12} T_2^{11} - 19 c_{46} T_1^{12} T_2^{11} - 12 c_{49} T_1^{12} T_2^{11} - 19 c_{61} T_1^{12} T_2^{11} - 12 c_{64} T_1^{12} T_2^{11} + \\
 & 36 c_{81} T_1^{12} T_2^{11} + 49 c_{82} T_1^{12} T_2^{11} + 12 c_{84} T_1^{12} T_2^{11} + 20 c_{85} T_1^{12} T_2^{11} - 8 a_2 b_3 T_1^{13} T_2^{11} + \\
 & 32 a_4 b_3 T_1^{13} T_2^{11} + 37 c_{16} T_1^{13} T_2^{11} + 18 c_{19} T_1^{13} T_2^{11} + 37 c_{31} T_1^{13} T_2^{11} + 18 c_{34} T_1^{13} T_2^{11} + \\
 & 37 c_{46} T_1^{13} T_2^{11} + 18 c_{49} T_1^{13} T_2^{11} + 37 c_{61} T_1^{13} T_2^{11} + 18 c_{64} T_1^{13} T_2^{11} - 12 c_{81} T_1^{13} T_2^{11} - 37 c_{82} T_1^{13} T_2^{11} - \\
 & 13 c_{85} T_1^{13} T_2^{11} - 28 c_{16} T_1^{14} T_2^{11} - 16 c_{19} T_1^{14} T_2^{11} - 28 c_{31} T_1^{14} T_2^{11} - 16 c_{34} T_1^{14} T_2^{11} - 28 c_{46} T_1^{14} T_2^{11} - \\
 & 16 c_{49} T_1^{14} T_2^{11} - 28 c_{61} T_1^{14} T_2^{11} - 16 c_{64} T_1^{14} T_2^{11} + 13 c_{82} T_1^{14} T_2^{11} + 4 c_{85} T_1^{14} T_2^{11} + 2 a_4 b_5 T_1 T_2^{12} - \\
 & 3 a_4 b_3 T_1^2 T_2^{12} - 3 a_2 b_5 T_1^2 T_2^{12} + a_4 b_5 T_1^2 T_2^{12} - 5 c_{81} T_1^2 T_2^{12} - 5 c_{84} T_1^2 T_2^{12} + 4 a_2 b_3 T_1^3 T_2^{12} + \\
 & 7 a_4 b_3 T_1^3 T_2^{12} - 3 a_2 b_5 T_1^3 T_2^{12} - 6 a_4 b_5 T_1^3 T_2^{12} - 8 c_{19} T_1^3 T_2^{12} - 8 c_{34} T_1^3 T_2^{12} - 8 c_{49} T_1^3 T_2^{12} - \\
 & 8 c_{64} T_1^3 T_2^{12} - 3 c_{81} T_1^3 T_2^{12} - 3 c_{82} T_1^3 T_2^{12} - 8 c_{84} T_1^3 T_2^{12} - 16 a_2 b_3 T_1^4 T_2^{12} + 11 a_4 b_3 T_1^4 T_2^{12} + \\
 & 21 a_2 b_5 T_1^4 T_2^{12} - 39 a_4 b_5 T_1^4 T_2^{12} + 2 c_{16} T_1^4 T_2^{12} + 2 c_{19} T_1^4 T_2^{12} + 2 c_{31} T_1^4 T_2^{12} + 2 c_{34} T_1^4 T_2^{12} + \\
 & 2 c_{46} T_1^4 T_2^{12} + 2 c_{49} T_1^4 T_2^{12} + 2 c_{61} T_1^4 T_2^{12} + 2 c_{64} T_1^4 T_2^{12} + 28 c_{81} T_1^4 T_2^{12} + 7 c_{82} T_1^4 T_2^{12} + \\
 & 20 c_{84} T_1^4 T_2^{12} - c_{85} T_1^4 T_2^{12} + 32 a_2 b_3 T_1^5 T_2^{12} - 49 a_4 b_3 T_1^5 T_2^{12} - 39 a_2 b_5 T_1^5 T_2^{12} + 84 a_4 b_5 T_1^5 T_2^{12} + \\
 & 11 c_{19} T_1^5 T_2^{12} + 11 c_{34} T_1^5 T_2^{12} + 11 c_{49} T_1^5 T_2^{12} + 11 c_{64} T_1^5 T_2^{12} - 29 c_{81} T_1^5 T_2^{12} - 4 c_{82} T_1^5 T_2^{12} - \\
 & 9 c_{84} T_1^5 T_2^{12} + 4 c_{85} T_1^5 T_2^{12} - 48 a_2 b_3 T_1^6 T_2^{12} + 87 a_4 b_3 T_1^6 T_2^{12} + 57 a_2 b_5 T_1^6 T_2^{12} - 126 a_4 b_5 T_1^6 T_2^{12} - \\
 & c_{16} T_1^6 T_2^{12} - 9 c_{19} T_1^6 T_2^{12} - c_{31} T_1^6 T_2^{12} - 9 c_{34} T_1^6 T_2^{12} - c_{46} T_1^6 T_2^{12} - 9 c_{49} T_1^6 T_2^{12} - c_{61} T_1^6 T_2^{12} - \\
 & 9 c_{64} T_1^6 T_2^{12} + 9 c_{81} T_1^6 T_2^{12} - 4 c_{82} T_1^6 T_2^{12} - 8 c_{85} T_1^6 T_2^{12} + 64 a_2 b_3 T_1^7 T_2^{12} - 131 a_4 b_3 T_1^7 T_2^{12} - \\
 & 81 a_2 b_5 T_1^7 T_2^{12} + 180 a_4 b_5 T_1^7 T_2^{12} + c_{16} T_1^7 T_2^{12} + 7 c_{19} T_1^7 T_2^{12} + c_{31} T_1^7 T_2^{12} + 7 c_{34} T_1^7 T_2^{12} + \\
 & c_{46} T_1^7 T_2^{12} + 7 c_{49} T_1^7 T_2^{12} + c_{61} T_1^7 T_2^{12} + 7 c_{64} T_1^7 T_2^{12} + 7 c_{81} T_1^7 T_2^{12} + 12 c_{82} T_1^7 T_2^{12} + 7 c_{84} T_1^7 T_2^{12} + \\
 & 12 c_{85} T_1^7 T_2^{12} - 72 a_2 b_3 T_1^8 T_2^{12} + 177 a_4 b_3 T_1^8 T_2^{12} + 87 a_2 b_5 T_1^8 T_2^{12} - 237 a_4 b_5 T_1^8 T_2^{12} - \\
 & 2 c_{16} T_1^8 T_2^{12} - 21 c_{19} T_1^8 T_2^{12} - 2 c_{31} T_1^8 T_2^{12} - 21 c_{34} T_1^8 T_2^{12} - 2 c_{46} T_1^8 T_2^{12} - 21 c_{49} T_1^8 T_2^{12} - \\
 & 2 c_{61} T_1^8 T_2^{12} - 21 c_{64} T_1^8 T_2^{12} - 35 c_{81} T_1^8 T_2^{12} - 26 c_{82} T_1^8 T_2^{12} - 28 c_{84} T_1^8 T_2^{12} - 16 c_{85} T_1^8 T_2^{12} + \\
 & 64 a_2 b_3 T_1^9 T_2^{12} - 179 a_4 b_3 T_1^9 T_2^{12} - 69 a_2 b_5 T_1^9 T_2^{12} + 192 a_4 b_5 T_1^9 T_2^{12} + 2 c_{16} T_1^9 T_2^{12} + \\
 & 7 c_{19} T_1^9 T_2^{12} + 2 c_{31} T_1^9 T_2^{12} + 7 c_{34} T_1^9 T_2^{12} + 2 c_{46} T_1^9 T_2^{12} + 7 c_{49} T_1^9 T_2^{12} + 2 c_{61} T_1^9 T_2^{12} + \\
 & 7 c_{64} T_1^9 T_2^{12} + 68 c_{81} T_1^9 T_2^{12} + 42 c_{82} T_1^9 T_2^{12} + 40 c_{84} T_1^9 T_2^{12} + 18 c_{85} T_1^9 T_2^{12} - 48 a_2 b_3 T_1^{10} T_2^{12} + \\
 & 141 a_4 b_3 T_1^{10} T_2^{12} + 51 a_2 b_5 T_1^{10} T_2^{12} - 147 a_4 b_5 T_1^{10} T_2^{12} + 4 c_{16} T_1^{10} T_2^{12} + 21 c_{19} T_1^{10} T_2^{12} + \\
 & 4 c_{31} T_1^{10} T_2^{12} + 21 c_{34} T_1^{10} T_2^{12} + 4 c_{46} T_1^{10} T_2^{12} + 21 c_{49} T_1^{10} T_2^{12} + 4 c_{61} T_1^{10} T_2^{12} + 21 c_{64} T_1^{10} T_2^{12} - \\
 & 69 c_{81} T_1^{10} T_2^{12} - 44 c_{82} T_1^{10} T_2^{12} - 29 c_{84} T_1^{10} T_2^{12} - 16 c_{85} T_1^{10} T_2^{12} + 32 a_2 b_3 T_1^{11} T_2^{12} - \\
 & 103 a_4 b_3 T_1^{11} T_2^{12} - 33 a_2 b_5 T_1^{11} T_2^{12} + 103 a_4 b_5 T_1^{11} T_2^{12} - 12 c_{16} T_1^{11} T_2^{12} - 19 c_{19} T_1^{11} T_2^{12} - \\
 & 12 c_{31} T_1^{11} T_2^{12} - 19 c_{34} T_1^{11} T_2^{12} - 12 c_{46} T_1^{11} T_2^{12} - 19 c_{49} T_1^{11} T_2^{12} - 12 c_{61} T_1^{11} T_2^{12} - 19 c_{64} T_1^{11} T_2^{12} + \\
 & 49 c_{81} T_1^{11} T_2^{12} + 36 c_{82} T_1^{11} T_2^{12} + 20 c_{84} T_1^{11} T_2^{12} + 12 c_{85} T_1^{11} T_2^{12} - 16 a_2 b_3 T_1^{12} T_2^{12} + \\
 & 62 a_4 b_3 T_1^{12} T_2^{12} + 12 a_2 b_5 T_1^{12} T_2^{12} - 52 a_4 b_5 T_1^{12} T_2^{12} + 17 c_{16} T_1^{12} T_2^{12} + 17 c_{19} T_1^{12} T_2^{12} + \\
 & 17 c_{31} T_1^{12} T_2^{12} + 17 c_{34} T_1^{12} T_2^{12} + 17 c_{46} T_1^{12} T_2^{12} + 17 c_{49} T_1^{12} T_2^{12} + 17 c_{61} T_1^{12} T_2^{12} + \\
 & 17 c_{64} T_1^{12} T_2^{12} - 28 c_{81} T_1^{12} T_2^{12} - 28 c_{82} T_1^{12} T_2^{12} - 8 c_{84} T_1^{12} T_2^{12} - 8 c_{85} T_1^{12} T_2^{12} + 4 a_2 b_3 T_1^{13} T_2^{12} - \\
 & 20 a_4 b_3 T_1^{13} T_2^{12} - 31 c_{16} T_1^{13} T_2^{12} - 23 c_{19} T_1^{13} T_2^{12} - 31 c_{31} T_1^{13} T_2^{12} - 23 c_{34} T_1^{13} T_2^{12} - \\
 & 31 c_{46} T_1^{13} T_2^{12} - 23 c_{49} T_1^{13} T_2^{12} - 31 c_{61} T_1^{13} T_2^{12} - 23 c_{64} T_1^{13} T_2^{12} + 8 c_{81} T_1^{13} T_2^{12} + 17 c_{82} T_1^{13} T_2^{12} + \\
 & 4 c_{85} T_1^{13} T_2^{12} + 20 c_{16} T_1^{14} T_2^{12} + 15 c_{19} T_1^{14} T_2^{12} + 20 c_{31} T_1^{14} T_2^{12} + 15 c_{34} T_1^{14} T_2^{12} + 20 c_{46} T_1^{14} T_2^{12} + \\
 & 15 c_{49} T_1^{14} T_2^{12} + 20 c_{61} T_1^{14} T_2^{12} + 15 c_{64} T_1^{14} T_2^{12} - 5 c_{82} T_1^{14} T_2^{12} - c_{85} T_1^{14} T_2^{12} - 3 a_4 b_5 T_1^2 T_1^{13} + \\
 & 4 a_4 b_3 T_1^3 T_1^{13} + 4 a_2 b_5 T_1^3 T_1^{13} + 7 c_{81} T_1^3 T_1^{13} + 7 c_{84} T_1^3 T_1^{13} - 20 a_4 b_3 T_1^4 T_1^{13} - 12 a_2 b_5 T_1^4 T_1^{13} + \\
 & 31 a_4 b_5 T_1^4 T_1^{13} + 8 c_{19} T_1^4 T_1^{13} + 8 c_{34} T_1^4 T_1^{13} + 8 c_{49} T_1^4 T_1^{13} + 8 c_{64} T_1^4 T_1^{13} - 14 c_{81} T_1^4 T_1^{13} + \\
 & c_{82} T_1^4 T_1^{13} - 7 c_{84} T_1^4 T_1^{13} + 44 a_4 b_3 T_1^5 T_1^{13} + 20 a_2 b_5 T_1^5 T_1^{13} - 62 a_4 b_5 T_1^5 T_1^{13} - 2 c_{16} T_1^5 T_1^{13} - \\
 & 13 c_{19} T_1^5 T_1^{13} - 2 c_{31} T_1^5 T_1^{13} - 13 c_{34} T_1^5 T_1^{13} - 2 c_{46} T_1^5 T_1^{13} - 13 c_{49} T_1^5 T_1^{13} - 2 c_{61} T_1^5 T_1^{13} - \\
 & 13 c_{64} T_1^5 T_1^{13} + c_{81} T_1^5 T_1^{13} - 4 c_{82} T_1^5 T_1^{13} - 6 c_{84} T_1^5 T_1^{13} - 68 a_4 b_3 T_1^6 T_1^{13} - 28 a_2 b_5 T_1^6 T_1^{13} + \\
 & 93 a_4 b_5 T_1^6 T_1^{13} + 3 c_{16} T_1^6 T_1^{13} + 7 c_{19} T_1^6 T_1^{13} + 3 c_{31} T_1^6 T_1^{13} + 7 c_{34} T_1^6 T_1^{13} + 3 c_{46} T_1^6 T_1^{13} +
 \end{aligned}$$

$$\begin{aligned}
 & 7 c_{49} T_1^6 T_2^{13} + 3 c_{61} T_1^6 T_2^{13} + 7 c_{64} T_1^6 T_2^{13} + 23 c_{81} T_1^6 T_2^{13} + 8 c_{82} T_1^6 T_2^{13} + 17 c_{84} T_1^6 T_2^{13} + \\
 & 92 a_4 b_3 T_1^7 T_2^{13} + 36 a_2 b_5 T_1^7 T_2^{13} - 130 a_4 b_5 T_1^7 T_2^{13} - 3 c_{16} T_1^7 T_2^{13} - c_{19} T_1^7 T_2^{13} - 3 c_{31} T_1^7 T_2^{13} - \\
 & c_{34} T_1^7 T_2^{13} - 3 c_{46} T_1^7 T_2^{13} - c_{49} T_1^7 T_2^{13} - 3 c_{61} T_1^7 T_2^{13} - c_{64} T_1^7 T_2^{13} - 43 c_{81} T_1^7 T_2^{13} - 12 c_{82} T_1^7 T_2^{13} - \\
 & 26 c_{84} T_1^7 T_2^{13} - 108 a_4 b_3 T_1^8 T_2^{13} - 36 a_2 b_5 T_1^8 T_2^{13} + 155 a_4 b_5 T_1^8 T_2^{13} + 2 c_{16} T_1^8 T_2^{13} - \\
 & 5 c_{19} T_1^8 T_2^{13} + 2 c_{31} T_1^8 T_2^{13} - 5 c_{34} T_1^8 T_2^{13} + 2 c_{46} T_1^8 T_2^{13} - 5 c_{49} T_1^8 T_2^{13} + 2 c_{61} T_1^8 T_2^{13} - \\
 & 5 c_{64} T_1^8 T_2^{13} + 63 c_{81} T_1^8 T_2^{13} + 16 c_{82} T_1^8 T_2^{13} + 37 c_{84} T_1^8 T_2^{13} + 100 a_4 b_3 T_1^9 T_2^{13} + 28 a_2 b_5 T_1^9 T_2^{13} - \\
 & 124 a_4 b_5 T_1^9 T_2^{13} + 2 c_{16} T_1^9 T_2^{13} + 27 c_{19} T_1^9 T_2^{13} + 2 c_{31} T_1^9 T_2^{13} + 27 c_{34} T_1^9 T_2^{13} + 2 c_{46} T_1^9 T_2^{13} + \\
 & 27 c_{49} T_1^9 T_2^{13} + 2 c_{61} T_1^9 T_2^{13} + 27 c_{64} T_1^9 T_2^{13} - 74 c_{81} T_1^9 T_2^{13} - 18 c_{82} T_1^9 T_2^{13} - 37 c_{84} T_1^9 T_2^{13} - \\
 & 76 a_4 b_3 T_1^{10} T_2^{13} - 20 a_2 b_5 T_1^{10} T_2^{13} + 93 a_4 b_5 T_1^{10} T_2^{13} - 10 c_{16} T_1^{10} T_2^{13} - 43 c_{19} T_1^{10} T_2^{13} - \\
 & 10 c_{31} T_1^{10} T_2^{13} - 43 c_{34} T_1^{10} T_2^{13} - 10 c_{46} T_1^{10} T_2^{13} - 43 c_{49} T_1^{10} T_2^{13} - 10 c_{61} T_1^{10} T_2^{13} - 43 c_{64} T_1^{10} T_2^{13} + \\
 & 61 c_{81} T_1^{10} T_2^{13} + 16 c_{82} T_1^{10} T_2^{13} + 24 c_{84} T_1^{10} T_2^{13} + 52 a_4 b_3 T_1^{11} T_2^{13} + 12 a_2 b_5 T_1^{11} T_2^{13} - \\
 & 62 a_4 b_5 T_1^{11} T_2^{13} + 18 c_{16} T_1^{11} T_2^{13} + 37 c_{19} T_1^{11} T_2^{13} + 18 c_{31} T_1^{11} T_2^{13} + 37 c_{34} T_1^{11} T_2^{13} + \\
 & 18 c_{46} T_1^{11} T_2^{13} + 37 c_{49} T_1^{11} T_2^{13} + 18 c_{61} T_1^{11} T_2^{13} + 37 c_{64} T_1^{11} T_2^{13} - 37 c_{81} T_1^{11} T_2^{13} - 12 c_{82} T_1^{11} T_2^{13} - \\
 & 13 c_{84} T_1^{11} T_2^{13} - 28 a_4 b_3 T_1^{12} T_2^{13} - 4 a_2 b_5 T_1^{12} T_2^{13} + 28 a_4 b_5 T_1^{12} T_2^{13} - 23 c_{16} T_1^{12} T_2^{13} - \\
 & 31 c_{19} T_1^{12} T_2^{13} - 23 c_{31} T_1^{12} T_2^{13} - 31 c_{34} T_1^{12} T_2^{13} - 23 c_{46} T_1^{12} T_2^{13} - 31 c_{49} T_1^{12} T_2^{13} - 23 c_{61} T_1^{12} T_2^{13} - \\
 & 31 c_{64} T_1^{12} T_2^{13} + 17 c_{81} T_1^{12} T_2^{13} + 8 c_{82} T_1^{12} T_2^{13} + 4 c_{84} T_1^{12} T_2^{13} + 8 a_4 b_3 T_1^{13} T_2^{13} + 25 c_{16} T_1^{13} T_2^{13} + \\
 & 25 c_{19} T_1^{13} T_2^{13} + 25 c_{31} T_1^{13} T_2^{13} + 25 c_{34} T_1^{13} T_2^{13} + 25 c_{46} T_1^{13} T_2^{13} + 25 c_{49} T_1^{13} T_2^{13} + 25 c_{61} T_1^{13} T_2^{13} + \\
 & 25 c_{64} T_1^{13} T_2^{13} - 4 c_{81} T_1^{13} T_2^{13} - 4 c_{82} T_1^{13} T_2^{13} - 12 c_{16} T_1^{14} T_2^{13} - 11 c_{19} T_1^{14} T_2^{13} - 12 c_{31} T_1^{14} T_2^{13} - \\
 & 11 c_{34} T_1^{14} T_2^{13} - 12 c_{46} T_1^{14} T_2^{13} - 11 c_{49} T_1^{14} T_2^{13} - 12 c_{61} T_1^{14} T_2^{13} - 11 c_{64} T_1^{14} T_2^{13} + c_{82} T_1^{14} T_2^{13} + \\
 & 4 a_4 b_5 T_1^3 T_2^{14} - 16 a_4 b_5 T_1^4 T_2^{14} - 4 c_{81} T_1^4 T_2^{14} - 4 c_{84} T_1^4 T_2^{14} + 28 a_4 b_5 T_1^5 T_2^{14} - 4 c_{19} T_1^5 T_2^{14} - \\
 & 4 c_{34} T_1^5 T_2^{14} - 4 c_{49} T_1^5 T_2^{14} - 4 c_{64} T_1^5 T_2^{14} + 15 c_{81} T_1^5 T_2^{14} + 11 c_{84} T_1^5 T_2^{14} - 40 a_4 b_5 T_1^6 T_2^{14} + \\
 & c_{16} T_1^6 T_2^{14} + 12 c_{19} T_1^6 T_2^{14} + c_{31} T_1^6 T_2^{14} + 12 c_{34} T_1^6 T_2^{14} + c_{46} T_1^6 T_2^{14} + 12 c_{49} T_1^6 T_2^{14} + c_{61} T_1^6 T_2^{14} + \\
 & 12 c_{64} T_1^6 T_2^{14} - 27 c_{81} T_1^6 T_2^{14} - 16 c_{84} T_1^6 T_2^{14} + 52 a_4 b_5 T_1^7 T_2^{14} - 3 c_{16} T_1^7 T_2^{14} - 20 c_{19} T_1^7 T_2^{14} - \\
 & 3 c_{31} T_1^7 T_2^{14} - 20 c_{34} T_1^7 T_2^{14} - 3 c_{46} T_1^7 T_2^{14} - 20 c_{49} T_1^7 T_2^{14} - 3 c_{61} T_1^7 T_2^{14} - 20 c_{64} T_1^7 T_2^{14} + \\
 & 35 c_{81} T_1^7 T_2^{14} + 19 c_{84} T_1^7 T_2^{14} - 56 a_4 b_5 T_1^8 T_2^{14} + 6 c_{16} T_1^8 T_2^{14} + 28 c_{19} T_1^8 T_2^{14} + 6 c_{31} T_1^8 T_2^{14} + \\
 & 28 c_{34} T_1^8 T_2^{14} + 6 c_{46} T_1^8 T_2^{14} + 28 c_{49} T_1^8 T_2^{14} + 6 c_{61} T_1^8 T_2^{14} + 28 c_{64} T_1^8 T_2^{14} - 39 c_{81} T_1^8 T_2^{14} - \\
 & 20 c_{84} T_1^8 T_2^{14} + 44 a_4 b_5 T_1^9 T_2^{14} - 10 c_{16} T_1^9 T_2^{14} - 36 c_{19} T_1^9 T_2^{14} - 10 c_{31} T_1^9 T_2^{14} - 36 c_{34} T_1^9 T_2^{14} - \\
 & 10 c_{46} T_1^9 T_2^{14} - 36 c_{49} T_1^9 T_2^{14} - 10 c_{61} T_1^9 T_2^{14} - 36 c_{64} T_1^9 T_2^{14} + 36 c_{81} T_1^9 T_2^{14} + 16 c_{84} T_1^9 T_2^{14} - \\
 & 32 a_4 b_5 T_1^{10} T_2^{14} + 14 c_{16} T_1^{10} T_2^{14} + 36 c_{19} T_1^{10} T_2^{14} + 14 c_{31} T_1^{10} T_2^{14} + 36 c_{34} T_1^{10} T_2^{14} + \\
 & 14 c_{46} T_1^{10} T_2^{14} + 36 c_{49} T_1^{10} T_2^{14} + 14 c_{61} T_1^{10} T_2^{14} + 36 c_{64} T_1^{10} T_2^{14} - 25 c_{81} T_1^{10} T_2^{14} - 9 c_{84} T_1^{10} T_2^{14} + \\
 & 20 a_4 b_5 T_1^{11} T_2^{14} - 16 c_{16} T_1^{11} T_2^{14} - 28 c_{19} T_1^{11} T_2^{14} - 16 c_{31} T_1^{11} T_2^{14} - 28 c_{34} T_1^{11} T_2^{14} - \\
 & 16 c_{46} T_1^{11} T_2^{14} - 28 c_{49} T_1^{11} T_2^{14} - 16 c_{61} T_1^{11} T_2^{14} - 28 c_{64} T_1^{11} T_2^{14} + 13 c_{81} T_1^{11} T_2^{14} + 4 c_{84} T_1^{11} T_2^{14} - \\
 & 8 a_4 b_5 T_1^{12} T_2^{14} + 15 c_{16} T_1^{12} T_2^{14} + 20 c_{19} T_1^{12} T_2^{14} + 15 c_{31} T_1^{12} T_2^{14} + 20 c_{34} T_1^{12} T_2^{14} + \\
 & 15 c_{46} T_1^{12} T_2^{14} + 20 c_{49} T_1^{12} T_2^{14} + 15 c_{61} T_1^{12} T_2^{14} + 20 c_{64} T_1^{12} T_2^{14} - 5 c_{81} T_1^{12} T_2^{14} - c_{84} T_1^{12} T_2^{14} - \\
 & 11 c_{16} T_1^{13} T_2^{14} - 12 c_{19} T_1^{13} T_2^{14} - 11 c_{31} T_1^{13} T_2^{14} - 12 c_{34} T_1^{13} T_2^{14} - 11 c_{46} T_1^{13} T_2^{14} - \\
 & 12 c_{49} T_1^{13} T_2^{14} - 11 c_{61} T_1^{13} T_2^{14} - 12 c_{64} T_1^{13} T_2^{14} + c_{81} T_1^{13} T_2^{14} + 4 c_{16} T_1^{14} T_2^{14} + 4 c_{19} T_1^{14} T_2^{14} + \\
 & 4 c_{31} T_1^{14} T_2^{14} + 4 c_{34} T_1^{14} T_2^{14} + 4 c_{46} T_1^{14} T_2^{14} + 4 c_{49} T_1^{14} T_2^{14} + 4 c_{61} T_1^{14} T_2^{14} + 4 c_{64} T_1^{14} T_2^{14} ) / \\
 & ( (-1 + T_1) (1 - T_1 + T_1^2 - T_1^3 + T_1^4)^2 (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2 - T_2^3 + T_2^4)^2 \\
 & (1 - T_1 T_2 + T_1^2 T_2^2 - T_1^3 T_2^3 + T_1^4 T_2^4) ) ) / \\
 & ( (1 - T_1 + T_1^2 - T_1^3 + T_1^4) (1 - T_2 + T_2^2 - T_2^3 + T_2^4) (1 - T_1 T_2 + T_1^2 T_2^2 - T_1^3 T_2^3 + \\
 & T_1^4 T_2^4) ) ) }
 \end{aligned}$$

» {12.8281,

$$\begin{aligned}
 \text{Knot}[6, 1] \rightarrow & (T_1^2 T_2^2 \mathbb{E}[\text{Series}[0, -((-28 a_2 b_3 + 28 a_2 b_5 + 194 a_2 b_3 T_1 - 28 a_4 b_3 T_1 - 166 a_2 b_5 T_1 + 28 a_4 b_5 T_1 + \\
 & 24 c_{16} T_1 + 24 c_{19} T_1 + 24 c_{31} T_1 + 24 c_{34} T_1 + 24 c_{46} T_1 + 24 c_{49} T_1 + 24 c_{61} T_1 + 24 c_{64} T_1 - 80 c_{81} T_1 - \\
 & 80 c_{82} T_1 - 80 c_{84} T_1 - 80 c_{85} T_1 - 530 a_2 b_3 T_1^2 + 166 a_4 b_3 T_1^2 + 364 a_2 b_5 T_1^2 - 138 a_4 b_5 T_1^2 - 56 c_{16} T_1^2 - \\
 & 144 c_{19} T_1^2 - 56 c_{31} T_1^2 - 144 c_{34} T_1^2 - 56 c_{46} T_1^2 - 144 c_{49} T_1^2 - 56 c_{61} T_1^2 - 144 c_{64} T_1^2 + 424 c_{81} T_1^2 + \\
 & 560 c_{82} T_1^2 + 344 c_{84} T_1^2 + 560 c_{85} T_1^2 + 728 a_2 b_3 T_1^3 - 364 a_4 b_3 T_1^3 - 364 a_2 b_5 T_1^3 + 226 a_4 b_5 T_1^3 - \\
 & 48 c_{16} T_1^3 + 318 c_{19} T_1^3 - 48 c_{31} T_1^3 + 318 c_{34} T_1^3 - 48 c_{46} T_1^3 + 318 c_{49} T_1^3 - 48 c_{61} T_1^3 + 318 c_{64} T_1^3 - \\
 & 848 c_{81} T_1^3 - 1540 c_{82} T_1^3 - 504 c_{84} T_1^3 - 1540 c_{85} T_1^3 - 530 a_2 b_3 T_1^4 + 364 a_4 b_3 T_1^4 + 166 a_2 b_5 T_1^4 -
 \end{aligned}$$

$$\begin{aligned}
 &138 a_4 b_5 T_1^4 + 208 c_{16} T_1^4 - 318 c_{19} T_1^4 + 208 c_{31} T_1^4 - 318 c_{34} T_1^4 + 208 c_{46} T_1^4 - 318 c_{49} T_1^4 + 208 c_{61} T_1^4 - \\
 &318 c_{64} T_1^4 + 808 c_{81} T_1^4 + 2120 c_{82} T_1^4 + 304 c_{84} T_1^4 + 2120 c_{85} T_1^4 + 194 a_2 b_3 T_1^5 - 166 a_4 b_3 T_1^5 - \\
 &28 a_2 b_5 T_1^5 + 28 a_4 b_5 T_1^5 - 168 c_{16} T_1^5 + 144 c_{19} T_1^5 - 168 c_{31} T_1^5 + 144 c_{34} T_1^5 - 168 c_{46} T_1^5 + 144 c_{49} T_1^5 - \\
 &168 c_{61} T_1^5 + 144 c_{64} T_1^5 - 368 c_{81} T_1^5 - 1540 c_{82} T_1^5 - 64 c_{84} T_1^5 - 1540 c_{85} T_1^5 - 28 a_2 b_3 T_1^6 + 28 a_4 b_3 T_1^6 + \\
 &40 c_{16} T_1^6 - 24 c_{19} T_1^6 + 40 c_{31} T_1^6 - 24 c_{34} T_1^6 + 40 c_{46} T_1^6 - 24 c_{49} T_1^6 + 40 c_{61} T_1^6 - 24 c_{64} T_1^6 + \\
 &64 c_{81} T_1^6 + 560 c_{82} T_1^6 + 560 c_{85} T_1^6 - 80 c_{82} T_1^7 - 80 c_{85} T_1^7 + 138 a_2 b_3 T_2 - 28 a_4 b_3 T_2 - 166 a_2 b_5 T_2 + \\
 &28 a_4 b_5 T_2 - 967 a_2 b_3 T_1 T_2 + 360 a_4 b_3 T_1 T_2 + 995 a_2 b_5 T_1 T_2 - 360 a_4 b_5 T_1 T_2 - 144 c_{16} T_1 T_2 - \\
 &56 c_{19} T_1 T_2 - 144 c_{31} T_1 T_2 - 56 c_{34} T_1 T_2 - 144 c_{46} T_1 T_2 - 56 c_{49} T_1 T_2 - 144 c_{61} T_1 T_2 - 56 c_{64} T_1 T_2 + \\
 &560 c_{81} T_1 T_2 + 424 c_{82} T_1 T_2 + 560 c_{84} T_1 T_2 + 344 c_{85} T_1 T_2 + 2697 a_2 b_3 T_1^2 T_2 - 1525 a_4 b_3 T_1^2 T_2 - \\
 &2232 a_2 b_5 T_1^2 T_2 + 1331 a_4 b_5 T_1^2 T_2 + 252 c_{16} T_1^2 T_2 + 252 c_{19} T_1^2 T_2 + 252 c_{31} T_1^2 T_2 + 252 c_{34} T_1^2 T_2 + \\
 &252 c_{46} T_1^2 T_2 + 252 c_{49} T_1^2 T_2 + 252 c_{61} T_1^2 T_2 + 252 c_{64} T_1^2 T_2 - 2824 c_{81} T_1^2 T_2 - 2824 c_{82} T_1^2 T_2 - \\
 &2264 c_{84} T_1^2 T_2 - 2264 c_{85} T_1^2 T_2 - 3838 a_2 b_3 T_1^3 T_2 + 2960 a_4 b_3 T_1^3 T_2 + 2334 a_2 b_5 T_1^3 T_2 - \\
 &1993 a_4 b_5 T_1^3 T_2 + 484 c_{16} T_1^3 T_2 - 238 c_{19} T_1^3 T_2 + 484 c_{31} T_1^3 T_2 - 238 c_{34} T_1^3 T_2 + 484 c_{46} T_1^3 T_2 - \\
 &238 c_{49} T_1^3 T_2 + 484 c_{61} T_1^3 T_2 - 238 c_{64} T_1^3 T_2 + 5144 c_{81} T_1^3 T_2 + 7154 c_{82} T_1^3 T_2 + 2880 c_{84} T_1^3 T_2 + \\
 &5614 c_{85} T_1^3 T_2 + 2967 a_2 b_3 T_1^4 T_2 - 2864 a_4 b_3 T_1^4 T_2 - 1163 a_2 b_5 T_1^4 T_2 + 1235 a_4 b_5 T_1^4 T_2 - \\
 &1080 c_{16} T_1^4 T_2 - 371 c_{19} T_1^4 T_2 - 1080 c_{31} T_1^4 T_2 - 371 c_{34} T_1^4 T_2 - 1080 c_{46} T_1^4 T_2 - 371 c_{49} T_1^4 T_2 - \\
 &1080 c_{61} T_1^4 T_2 - 371 c_{64} T_1^4 T_2 - 4000 c_{81} T_1^4 T_2 - 8464 c_{82} T_1^4 T_2 - 1120 c_{84} T_1^4 T_2 - 6344 c_{85} T_1^4 T_2 - \\
 &1213 a_2 b_3 T_1^5 T_2 + 1357 a_4 b_3 T_1^5 T_2 + 244 a_2 b_5 T_1^5 T_2 - 288 a_4 b_5 T_1^5 T_2 + 280 c_{16} T_1^5 T_2 + 777 c_{19} T_1^5 T_2 + \\
 &280 c_{31} T_1^5 T_2 + 777 c_{34} T_1^5 T_2 + 280 c_{46} T_1^5 T_2 + 777 c_{49} T_1^5 T_2 + 280 c_{61} T_1^5 T_2 + 777 c_{64} T_1^5 T_2 + \\
 &920 c_{81} T_1^5 T_2 + 4346 c_{82} T_1^5 T_2 - 200 c_{84} T_1^5 T_2 + 2806 c_{85} T_1^5 T_2 + 228 a_2 b_3 T_1^6 T_2 - 272 a_4 b_3 T_1^6 T_2 - \\
 &12 a_2 b_5 T_1^6 T_2 + 12 a_4 b_5 T_1^6 T_2 + 348 c_{16} T_1^6 T_2 - 448 c_{19} T_1^6 T_2 + 348 c_{31} T_1^6 T_2 - 448 c_{34} T_1^6 T_2 + \\
 &348 c_{46} T_1^6 T_2 - 448 c_{49} T_1^6 T_2 + 348 c_{61} T_1^6 T_2 - 448 c_{64} T_1^6 T_2 + 344 c_{81} T_1^6 T_2 - 196 c_{82} T_1^6 T_2 + \\
 &144 c_{84} T_1^6 T_2 + 364 c_{85} T_1^6 T_2 - 12 a_2 b_3 T_1^7 T_2 + 12 a_4 b_3 T_1^7 T_2 - 140 c_{16} T_1^7 T_2 + 84 c_{19} T_1^7 T_2 - \\
 &140 c_{31} T_1^7 T_2 + 84 c_{34} T_1^7 T_2 - 140 c_{46} T_1^7 T_2 + 84 c_{49} T_1^7 T_2 - 140 c_{61} T_1^7 T_2 + 84 c_{64} T_1^7 T_2 - \\
 &144 c_{81} T_1^7 T_2 - 584 c_{82} T_1^7 T_2 - 664 c_{85} T_1^7 T_2 + 144 c_{82} T_1^8 T_2 + 144 c_{85} T_1^8 T_2 - 226 a_2 b_3 T_2^2 + \\
 &138 a_4 b_3 T_2^2 + 364 a_2 b_5 T_2^2 - 166 a_4 b_5 T_2^2 + 1629 a_2 b_3 T_1 T_2^2 - 1331 a_4 b_3 T_1 T_2^2 - 2232 a_2 b_5 T_1 T_2^2 + \\
 &1525 a_4 b_5 T_1 T_2^2 + 318 c_{16} T_1 T_2^2 - 48 c_{19} T_1 T_2^2 + 318 c_{31} T_1 T_2^2 - 48 c_{34} T_1 T_2^2 + 318 c_{46} T_1 T_2^2 - \\
 &48 c_{49} T_1 T_2^2 + 318 c_{61} T_1 T_2^2 - 48 c_{64} T_1 T_2^2 - 1540 c_{81} T_1 T_2^2 - 848 c_{82} T_1 T_2^2 - 1540 c_{84} T_1 T_2^2 - \\
 &504 c_{85} T_1 T_2^2 - 4720 a_2 b_3 T_1^2 T_2^2 + 4929 a_4 b_3 T_1^2 T_2^2 + 5185 a_2 b_5 T_1^2 T_2^2 - 4929 a_4 b_5 T_1^2 T_2^2 - \\
 &238 c_{16} T_1^2 T_2^2 + 484 c_{19} T_1^2 T_2^2 - 238 c_{31} T_1^2 T_2^2 + 484 c_{34} T_1^2 T_2^2 - 238 c_{46} T_1^2 T_2^2 + 484 c_{49} T_1^2 T_2^2 - \\
 &238 c_{61} T_1^2 T_2^2 + 484 c_{64} T_1^2 T_2^2 + 7154 c_{81} T_1^2 T_2^2 + 5144 c_{82} T_1^2 T_2^2 + 5614 c_{84} T_1^2 T_2^2 + 2880 c_{85} T_1^2 T_2^2 + \\
 &7003 a_2 b_3 T_1^3 T_2^2 - 9023 a_4 b_3 T_1^3 T_2^2 - 5656 a_2 b_5 T_1^3 T_2^2 + 7054 a_4 b_5 T_1^3 T_2^2 - 1728 c_{16} T_1^3 T_2^2 - \\
 &1728 c_{19} T_1^3 T_2^2 - 1728 c_{31} T_1^3 T_2^2 - 1728 c_{34} T_1^3 T_2^2 - 1728 c_{46} T_1^3 T_2^2 - 1728 c_{49} T_1^3 T_2^2 - 1728 c_{61} T_1^3 T_2^2 - \\
 &1728 c_{64} T_1^3 T_2^2 - 10844 c_{81} T_1^3 T_2^2 - 10844 c_{82} T_1^3 T_2^2 - 5230 c_{84} T_1^3 T_2^2 - 5230 c_{85} T_1^3 T_2^2 - 5515 a_2 b_3 T_1^4 T_2^2 + \\
 &8623 a_4 b_3 T_1^4 T_2^2 + 2826 a_2 b_5 T_1^4 T_2^2 - 4433 a_4 b_5 T_1^4 T_2^2 + 1552 c_{16} T_1^4 T_2^2 + 2729 c_{19} T_1^4 T_2^2 + \\
 &1552 c_{31} T_1^4 T_2^2 + 2729 c_{34} T_1^4 T_2^2 + 1552 c_{46} T_1^4 T_2^2 + 2729 c_{49} T_1^4 T_2^2 + 1552 c_{61} T_1^4 T_2^2 + 2729 c_{64} T_1^4 T_2^2 + \\
 &4330 c_{81} T_1^4 T_2^2 + 7674 c_{82} T_1^4 T_2^2 - 900 c_{84} T_1^4 T_2^2 + 1330 c_{85} T_1^4 T_2^2 + 1996 a_2 b_3 T_1^5 T_2^2 - 4039 a_4 b_3 T_1^5 T_2^2 - \\
 &383 a_2 b_5 T_1^5 T_2^2 + 963 a_4 b_5 T_1^5 T_2^2 + 1974 c_{16} T_1^5 T_2^2 - 1772 c_{19} T_1^5 T_2^2 + 1974 c_{31} T_1^5 T_2^2 - 1772 c_{34} T_1^5 T_2^2 + \\
 &1974 c_{46} T_1^5 T_2^2 - 1772 c_{49} T_1^5 T_2^2 + 1974 c_{61} T_1^5 T_2^2 - 1772 c_{64} T_1^5 T_2^2 + 3700 c_{81} T_1^5 T_2^2 + 3432 c_{82} T_1^5 T_2^2 + \\
 &2800 c_{84} T_1^5 T_2^2 + 6238 c_{85} T_1^5 T_2^2 - 15 a_2 b_3 T_1^6 T_2^2 + 611 a_4 b_3 T_1^6 T_2^2 - 140 a_2 b_5 T_1^6 T_2^2 + 80 a_4 b_5 T_1^6 T_2^2 - \\
 &2270 c_{16} T_1^6 T_2^2 + 111 c_{19} T_1^6 T_2^2 - 2270 c_{31} T_1^6 T_2^2 + 111 c_{34} T_1^6 T_2^2 - 2270 c_{46} T_1^6 T_2^2 + 111 c_{49} T_1^6 T_2^2 - \\
 &2270 c_{61} T_1^6 T_2^2 + 111 c_{64} T_1^6 T_2^2 - 3464 c_{81} T_1^6 T_2^2 - 7614 c_{82} T_1^6 T_2^2 - 664 c_{84} T_1^6 T_2^2 - 7250 c_{85} T_1^6 T_2^2 - \\
 &188 a_2 b_3 T_1^7 T_2^2 + 128 a_4 b_3 T_1^7 T_2^2 + 36 a_2 b_5 T_1^7 T_2^2 - 36 a_4 b_5 T_1^7 T_2^2 + 252 c_{16} T_1^7 T_2^2 + 308 c_{19} T_1^7 T_2^2 + \\
 &252 c_{31} T_1^7 T_2^2 + 308 c_{34} T_1^7 T_2^2 + 252 c_{46} T_1^7 T_2^2 + 308 c_{49} T_1^7 T_2^2 + 252 c_{61} T_1^7 T_2^2 + 308 c_{64} T_1^7 T_2^2 + \\
 &584 c_{81} T_1^7 T_2^2 + 3464 c_{82} T_1^7 T_2^2 - 80 c_{84} T_1^7 T_2^2 + 2800 c_{85} T_1^7 T_2^2 + 36 a_2 b_3 T_1^8 T_2^2 - 36 a_4 b_3 T_1^8 T_2^2 + \\
 &140 c_{16} T_1^8 T_2^2 - 84 c_{19} T_1^8 T_2^2 + 140 c_{31} T_1^8 T_2^2 - 84 c_{34} T_1^8 T_2^2 + 140 c_{46} T_1^8 T_2^2 - 84 c_{49} T_1^8 T_2^2 + 140 c_{61} T_1^8 T_2^2 - \\
 &84 c_{64} T_1^8 T_2^2 + 80 c_{81} T_1^8 T_2^2 - 344 c_{82} T_1^8 T_2^2 - 200 c_{85} T_1^8 T_2^2 - 64 c_{82} T_1^9 T_2^2 - 64 c_{85} T_1^9 T_2^2 + 138 a_2 b_3 T_2^3 - \\
 &226 a_4 b_3 T_2^3 - 364 a_2 b_5 T_2^3 + 364 a_4 b_5 T_2^3 - 1069 a_2 b_3 T_1 T_2^3 + 1993 a_4 b_3 T_1 T_2^3 + 2334 a_2 b_5 T_1 T_2^3 - \\
 &2960 a_4 b_5 T_1 T_2^3 - 318 c_{16} T_1 T_2^3 + 208 c_{19} T_1 T_2^3 - 318 c_{31} T_1 T_2^3 + 208 c_{34} T_1 T_2^3 - 318 c_{46} T_1 T_2^3 + \\
 &208 c_{49} T_1 T_2^3 - 318 c_{61} T_1 T_2^3 + 208 c_{64} T_1 T_2^3 + 2120 c_{81} T_1 T_2^3 + 808 c_{82} T_1 T_2^3 + 2120 c_{84} T_1 T_2^3 +
 \end{aligned}$$

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$$\begin{aligned}
 & 304 c_{85} T_1 T_2^3 + 3270 a_2 b_3 T_1^2 T_2^3 - 7054 a_4 b_3 T_1^2 T_2^3 - 5656 a_2 b_5 T_1^2 T_2^3 + 9023 a_4 b_5 T_1^2 T_2^3 - 371 c_{16} T_1^2 T_2^3 - \\
 & 1080 c_{19} T_1^2 T_2^3 - 371 c_{31} T_1^2 T_2^3 - 1080 c_{34} T_1^2 T_2^3 - 371 c_{46} T_1^2 T_2^3 - 1080 c_{49} T_1^2 T_2^3 - 371 c_{61} T_1^2 T_2^3 - \\
 & 1080 c_{64} T_1^2 T_2^3 - 8464 c_{81} T_1^2 T_2^3 - 4000 c_{82} T_1^2 T_2^3 - 6344 c_{84} T_1^2 T_2^3 - 1120 c_{85} T_1^2 T_2^3 - 4701 a_2 b_3 T_1^3 T_2^3 + \\
 & 12 659 a_4 b_3 T_1^3 T_2^3 + 6048 a_2 b_5 T_1^3 T_2^3 - 12 659 a_4 b_5 T_1^3 T_2^3 + 2729 c_{16} T_1^3 T_2^3 + 1552 c_{19} T_1^3 T_2^3 + \\
 & 2729 c_{31} T_1^3 T_2^3 + 1552 c_{34} T_1^3 T_2^3 + 2729 c_{46} T_1^3 T_2^3 + 1552 c_{49} T_1^3 T_2^3 + 2729 c_{61} T_1^3 T_2^3 + 1552 c_{64} T_1^3 T_2^3 + \\
 & 7674 c_{81} T_1^3 T_2^3 + 4330 c_{82} T_1^3 T_2^3 + 1330 c_{84} T_1^3 T_2^3 - 900 c_{85} T_1^3 T_2^3 + 2404 a_2 b_3 T_1^4 T_2^3 - 11 563 a_4 b_3 T_1^4 T_2^3 - \\
 & 1871 a_2 b_5 T_1^4 T_2^3 + 7527 a_4 b_5 T_1^4 T_2^3 + 622 c_{16} T_1^4 T_2^3 + 622 c_{19} T_1^4 T_2^3 + 622 c_{31} T_1^4 T_2^3 + 622 c_{34} T_1^4 T_2^3 + \\
 & 622 c_{46} T_1^4 T_2^3 + 622 c_{49} T_1^4 T_2^3 + 622 c_{61} T_1^4 T_2^3 + 622 c_{64} T_1^4 T_2^3 + 7890 c_{81} T_1^4 T_2^3 + 7890 c_{82} T_1^4 T_2^3 + \\
 & 9220 c_{84} T_1^4 T_2^3 + 9220 c_{85} T_1^4 T_2^3 + 1539 a_2 b_3 T_1^5 T_2^3 + 3867 a_4 b_3 T_1^5 T_2^3 - 1414 a_2 b_5 T_1^5 T_2^3 - \\
 & 379 a_4 b_5 T_1^5 T_2^3 - 6356 c_{16} T_1^5 T_2^3 - 3431 c_{19} T_1^5 T_2^3 - 6356 c_{31} T_1^5 T_2^3 - 3431 c_{34} T_1^5 T_2^3 - 6356 c_{46} T_1^5 T_2^3 - \\
 & 3431 c_{49} T_1^5 T_2^3 - 6356 c_{61} T_1^5 T_2^3 - 3431 c_{64} T_1^5 T_2^3 - 16 470 c_{81} T_1^5 T_2^3 - 21 246 c_{82} T_1^5 T_2^3 - 7250 c_{84} T_1^5 T_2^3 - \\
 & 15 008 c_{85} T_1^5 T_2^3 - 2570 a_2 b_3 T_1^6 T_2^3 + 1399 a_4 b_3 T_1^6 T_2^3 + 1141 a_2 b_5 T_1^6 T_2^3 - 1167 a_4 b_5 T_1^6 T_2^3 + \\
 & 2941 c_{16} T_1^6 T_2^3 + 3079 c_{19} T_1^6 T_2^3 + 2941 c_{31} T_1^6 T_2^3 + 3079 c_{34} T_1^6 T_2^3 + 2941 c_{46} T_1^6 T_2^3 + 3079 c_{49} T_1^6 T_2^3 + \\
 & 2941 c_{61} T_1^6 T_2^3 + 3079 c_{64} T_1^6 T_2^3 + 7614 c_{81} T_1^6 T_2^3 + 16 470 c_{82} T_1^6 T_2^3 + 364 c_{84} T_1^6 T_2^3 + 9220 c_{85} T_1^6 T_2^3 + \\
 & 1171 a_2 b_3 T_1^7 T_2^3 - 1329 a_4 b_3 T_1^7 T_2^3 - 218 a_2 b_5 T_1^7 T_2^3 + 290 a_4 b_5 T_1^7 T_2^3 + 1465 c_{16} T_1^7 T_2^3 - \\
 & 1026 c_{19} T_1^7 T_2^3 + 1465 c_{31} T_1^7 T_2^3 - 1026 c_{34} T_1^7 T_2^3 + 1465 c_{46} T_1^7 T_2^3 - 1026 c_{49} T_1^7 T_2^3 + 1465 c_{61} T_1^7 T_2^3 - \\
 & 1026 c_{64} T_1^7 T_2^3 + 196 c_{81} T_1^7 T_2^3 - 3700 c_{82} T_1^7 T_2^3 + 560 c_{84} T_1^7 T_2^3 - 900 c_{85} T_1^7 T_2^3 - 182 a_2 b_3 T_1^8 T_2^3 + \\
 & 254 a_4 b_3 T_1^8 T_2^3 - 672 c_{16} T_1^8 T_2^3 + 52 c_{19} T_1^8 T_2^3 - 672 c_{31} T_1^8 T_2^3 + 52 c_{34} T_1^8 T_2^3 - 672 c_{46} T_1^8 T_2^3 + \\
 & 52 c_{49} T_1^8 T_2^3 - 672 c_{61} T_1^8 T_2^3 + 52 c_{64} T_1^8 T_2^3 - 560 c_{81} T_1^8 T_2^3 - 920 c_{82} T_1^8 T_2^3 - 1120 c_{85} T_1^8 T_2^3 - \\
 & 40 c_{16} T_1^9 T_2^3 + 24 c_{19} T_1^9 T_2^3 - 40 c_{31} T_1^9 T_2^3 + 24 c_{34} T_1^9 T_2^3 - 40 c_{46} T_1^9 T_2^3 + 24 c_{49} T_1^9 T_2^3 - 40 c_{61} T_1^9 T_2^3 + \\
 & 24 c_{64} T_1^9 T_2^3 + 368 c_{81} T_1^9 T_2^3 + 304 c_{85} T_1^9 T_2^3 - 28 a_2 b_3 T_1^4 T_2^4 + 138 a_4 b_3 T_1^4 T_2^4 + 166 a_2 b_5 T_1^4 T_2^4 - 364 a_4 b_5 T_1^4 T_2^4 + \\
 & 260 a_2 b_3 T_1 T_2^4 - 1235 a_4 b_3 T_1 T_2^4 - 1163 a_2 b_5 T_1 T_2^4 + 2864 a_4 b_5 T_1 T_2^4 + 144 c_{16} T_1 T_2^4 - 168 c_{19} T_1 T_2^4 + \\
 & 144 c_{31} T_1 T_2^4 - 168 c_{34} T_1 T_2^4 + 144 c_{46} T_1 T_2^4 - 168 c_{49} T_1 T_2^4 + 144 c_{61} T_1 T_2^4 - 168 c_{64} T_1 T_2^4 - \\
 & 1540 c_{81} T_1 T_2^4 - 368 c_{82} T_1 T_2^4 - 1540 c_{84} T_1 T_2^4 - 64 c_{85} T_1 T_2^4 - 719 a_2 b_3 T_1^2 T_2^4 + 4433 a_4 b_3 T_1^2 T_2^4 + \\
 & 2826 a_2 b_5 T_1^2 T_2^4 - 8623 a_4 b_5 T_1^2 T_2^4 + 777 c_{16} T_1^2 T_2^4 + 280 c_{19} T_1^2 T_2^4 + 777 c_{31} T_1^2 T_2^4 + 280 c_{34} T_1^2 T_2^4 + \\
 & 777 c_{46} T_1^2 T_2^4 + 280 c_{49} T_1^2 T_2^4 + 777 c_{61} T_1^2 T_2^4 + 280 c_{64} T_1^2 T_2^4 + 4346 c_{81} T_1^2 T_2^4 + 920 c_{82} T_1^2 T_2^4 + \\
 & 2806 c_{84} T_1^2 T_2^4 - 200 c_{85} T_1^2 T_2^4 - 4 a_2 b_3 T_1^3 T_2^4 - 7527 a_4 b_3 T_1^3 T_2^4 - 1871 a_2 b_5 T_1^3 T_2^4 + 11 563 a_4 b_5 T_1^3 T_2^4 - \\
 & 1772 c_{16} T_1^3 T_2^4 + 1974 c_{19} T_1^3 T_2^4 - 1772 c_{31} T_1^3 T_2^4 + 1974 c_{34} T_1^3 T_2^4 - 1772 c_{46} T_1^3 T_2^4 + 1974 c_{49} T_1^3 T_2^4 - \\
 & 1772 c_{61} T_1^3 T_2^4 + 1974 c_{64} T_1^3 T_2^4 + 3432 c_{81} T_1^3 T_2^4 + 3700 c_{82} T_1^3 T_2^4 + 6238 c_{84} T_1^3 T_2^4 + 2800 c_{85} T_1^3 T_2^4 + \\
 & 3417 a_2 b_3 T_1^4 T_2^4 + 4275 a_4 b_3 T_1^4 T_2^4 - 2884 a_2 b_5 T_1^4 T_2^4 - 4275 a_4 b_5 T_1^4 T_2^4 - 3431 c_{16} T_1^4 T_2^4 - \\
 & 6356 c_{19} T_1^4 T_2^4 - 3431 c_{31} T_1^4 T_2^4 - 6356 c_{34} T_1^4 T_2^4 - 3431 c_{46} T_1^4 T_2^4 - 6356 c_{49} T_1^4 T_2^4 - 3431 c_{61} T_1^4 T_2^4 - \\
 & 6356 c_{64} T_1^4 T_2^4 - 21 246 c_{81} T_1^4 T_2^4 - 16 470 c_{82} T_1^4 T_2^4 - 15 008 c_{84} T_1^4 T_2^4 - 7250 c_{85} T_1^4 T_2^4 - \\
 & 6541 a_2 b_3 T_1^5 T_2^4 + 4423 a_4 b_3 T_1^5 T_2^4 + 5196 a_2 b_5 T_1^5 T_2^4 - 4831 a_4 b_5 T_1^5 T_2^4 + 6076 c_{16} T_1^5 T_2^4 + \\
 & 6076 c_{19} T_1^5 T_2^4 + 6076 c_{31} T_1^5 T_2^4 + 6076 c_{34} T_1^5 T_2^4 + 6076 c_{46} T_1^5 T_2^4 + 6076 c_{49} T_1^5 T_2^4 + 6076 c_{61} T_1^5 T_2^4 + \\
 & 6076 c_{64} T_1^5 T_2^4 + 21 246 c_{81} T_1^5 T_2^4 + 21 246 c_{82} T_1^5 T_2^4 + 6238 c_{84} T_1^5 T_2^4 + 6238 c_{85} T_1^5 T_2^4 + \\
 & 5380 a_2 b_3 T_1^6 T_2^4 - 7766 a_4 b_3 T_1^6 T_2^4 - 2754 a_2 b_5 T_1^6 T_2^4 + 4334 a_4 b_5 T_1^6 T_2^4 + 1807 c_{16} T_1^6 T_2^4 - \\
 & 1232 c_{19} T_1^6 T_2^4 + 1807 c_{31} T_1^6 T_2^4 - 1232 c_{34} T_1^6 T_2^4 + 1807 c_{46} T_1^6 T_2^4 - 1232 c_{49} T_1^6 T_2^4 + 1807 c_{61} T_1^6 T_2^4 - \\
 & 1232 c_{64} T_1^6 T_2^4 - 3432 c_{81} T_1^6 T_2^4 - 7890 c_{82} T_1^6 T_2^4 + 2806 c_{84} T_1^6 T_2^4 + 1330 c_{85} T_1^6 T_2^4 - 2067 a_2 b_3 T_1^7 T_2^4 + \\
 & 3925 a_4 b_3 T_1^7 T_2^4 + 484 a_2 b_5 T_1^7 T_2^4 - 920 a_4 b_5 T_1^7 T_2^4 - 4688 c_{16} T_1^7 T_2^4 - 1022 c_{19} T_1^7 T_2^4 - 4688 c_{31} T_1^7 T_2^4 - \\
 & 1022 c_{34} T_1^7 T_2^4 - 4688 c_{46} T_1^7 T_2^4 - 1022 c_{49} T_1^7 T_2^4 - 4688 c_{61} T_1^7 T_2^4 - 1022 c_{64} T_1^7 T_2^4 - 4346 c_{81} T_1^7 T_2^4 - \\
 & 4330 c_{82} T_1^7 T_2^4 - 1540 c_{84} T_1^7 T_2^4 - 5230 c_{85} T_1^7 T_2^4 + 302 a_2 b_3 T_1^8 T_2^4 - 666 a_4 b_3 T_1^8 T_2^4 + 847 c_{16} T_1^8 T_2^4 + \\
 & 504 c_{19} T_1^8 T_2^4 + 847 c_{31} T_1^8 T_2^4 + 504 c_{34} T_1^8 T_2^4 + 847 c_{46} T_1^8 T_2^4 + 504 c_{49} T_1^8 T_2^4 + 847 c_{61} T_1^8 T_2^4 + \\
 & 504 c_{64} T_1^8 T_2^4 + 1540 c_{81} T_1^8 T_2^4 + 4000 c_{82} T_1^8 T_2^4 + 2880 c_{85} T_1^8 T_2^4 + 240 c_{16} T_1^9 T_2^4 - 56 c_{19} T_1^9 T_2^4 + \\
 & 240 c_{31} T_1^9 T_2^4 - 56 c_{34} T_1^9 T_2^4 + 240 c_{46} T_1^9 T_2^4 - 56 c_{49} T_1^9 T_2^4 + 240 c_{61} T_1^9 T_2^4 - 56 c_{64} T_1^9 T_2^4 - \\
 & 808 c_{82} T_1^9 T_2^4 - 504 c_{85} T_1^9 T_2^4 - 28 a_4 b_3 T_1^5 T_2^5 - 28 a_2 b_5 T_1^5 T_2^5 + 166 a_4 b_5 T_1^5 T_2^5 - 12 a_2 b_3 T_1 T_2^5 + \\
 & 288 a_4 b_3 T_1 T_2^5 + 244 a_2 b_5 T_1 T_2^5 - 1357 a_4 b_5 T_1 T_2^5 - 24 c_{16} T_1 T_2^5 + 40 c_{19} T_1 T_2^5 - 24 c_{31} T_1 T_2^5 + \\
 & 40 c_{34} T_1 T_2^5 - 24 c_{46} T_1 T_2^5 + 40 c_{49} T_1 T_2^5 - 24 c_{61} T_1 T_2^5 + 40 c_{64} T_1 T_2^5 + 560 c_{81} T_1 T_2^5 + 64 c_{82} T_1 T_2^5 + \\
 & 560 c_{84} T_1 T_2^5 - 92 a_2 b_3 T_1^2 T_2^5 - 963 a_4 b_3 T_1^2 T_2^5 - 383 a_2 b_5 T_1^2 T_2^5 + 4039 a_4 b_5 T_1^2 T_2^5 - 448 c_{16} T_1^2 T_2^5 + \\
 & 348 c_{19} T_1^2 T_2^5 - 448 c_{31} T_1^2 T_2^5 + 348 c_{34} T_1^2 T_2^5 - 448 c_{46} T_1^2 T_2^5 + 348 c_{49} T_1^2 T_2^5 - 448 c_{61} T_1^2 T_2^5 + \\
 & 348 c_{64} T_1^2 T_2^5 - 196 c_{81} T_1^2 T_2^5 + 344 c_{82} T_1^2 T_2^5 + 364 c_{84} T_1^2 T_2^5 + 144 c_{85} T_1^2 T_2^5 + 1027 a_2 b_3 T_1^3 T_2^5 +
 \end{aligned}$$

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$$\begin{aligned}
 & 379 a_4 b_3 T_1^3 T_2^5 - 1414 a_2 b_5 T_1^3 T_2^5 - 3867 a_4 b_5 T_1^3 T_2^5 + 111 c_{16} T_1^3 T_2^5 - 2270 c_{19} T_1^3 T_2^5 + 111 c_{31} T_1^3 T_2^5 - \\
 & 2270 c_{34} T_1^3 T_2^5 + 111 c_{46} T_1^3 T_2^5 - 2270 c_{49} T_1^3 T_2^5 + 111 c_{61} T_1^3 T_2^5 - 2270 c_{64} T_1^3 T_2^5 - 7614 c_{81} T_1^3 T_2^5 - \\
 & 3464 c_{82} T_1^3 T_2^5 - 7250 c_{84} T_1^3 T_2^5 - 664 c_{85} T_1^3 T_2^5 - 3193 a_2 b_3 T_1^4 T_2^5 + 4831 a_4 b_3 T_1^4 T_2^5 + 5196 a_2 b_5 T_1^4 T_2^5 - \\
 & 4423 a_4 b_5 T_1^4 T_2^5 + 3079 c_{16} T_1^4 T_2^5 + 2941 c_{19} T_1^4 T_2^5 + 3079 c_{31} T_1^4 T_2^5 + 2941 c_{34} T_1^4 T_2^5 + 3079 c_{46} T_1^4 T_2^5 + \\
 & 2941 c_{49} T_1^4 T_2^5 + 3079 c_{61} T_1^4 T_2^5 + 2941 c_{64} T_1^4 T_2^5 + 16470 c_{81} T_1^4 T_2^5 + 7614 c_{82} T_1^4 T_2^5 + 9220 c_{84} T_1^4 T_2^5 + \\
 & 364 c_{85} T_1^4 T_2^5 + 4642 a_2 b_3 T_1^5 T_2^5 - 11737 a_4 b_3 T_1^5 T_2^5 - 5987 a_2 b_5 T_1^5 T_2^5 + 11737 a_4 b_5 T_1^5 T_2^5 - \\
 & 1232 c_{16} T_1^5 T_2^5 + 1807 c_{19} T_1^5 T_2^5 - 1232 c_{31} T_1^5 T_2^5 + 1807 c_{34} T_1^5 T_2^5 - 1232 c_{46} T_1^5 T_2^5 + 1807 c_{49} T_1^5 T_2^5 - \\
 & 1232 c_{61} T_1^5 T_2^5 + 1807 c_{64} T_1^5 T_2^5 - 7890 c_{81} T_1^5 T_2^5 - 3432 c_{82} T_1^5 T_2^5 + 1330 c_{84} T_1^5 T_2^5 + 2806 c_{85} T_1^5 T_2^5 - \\
 & 3463 a_2 b_3 T_1^6 T_2^5 + 11367 a_4 b_3 T_1^6 T_2^5 + 2856 a_2 b_5 T_1^6 T_2^5 - 7396 a_4 b_5 T_1^6 T_2^5 - 5522 c_{16} T_1^6 T_2^5 - \\
 & 5522 c_{19} T_1^6 T_2^5 - 5522 c_{31} T_1^6 T_2^5 - 5522 c_{34} T_1^6 T_2^5 - 5522 c_{46} T_1^6 T_2^5 - 5522 c_{49} T_1^6 T_2^5 - 5522 c_{61} T_1^6 T_2^5 - \\
 & 5522 c_{64} T_1^6 T_2^5 - 7674 c_{81} T_1^6 T_2^5 - 7674 c_{82} T_1^6 T_2^5 - 6344 c_{84} T_1^6 T_2^5 - 6344 c_{85} T_1^6 T_2^5 + 1273 a_2 b_3 T_1^7 T_2^5 - \\
 & 4923 a_4 b_3 T_1^7 T_2^5 - 484 a_2 b_5 T_1^7 T_2^5 + 1452 a_4 b_5 T_1^7 T_2^5 + 4195 c_{16} T_1^7 T_2^5 + 3144 c_{19} T_1^7 T_2^5 + \\
 & 4195 c_{31} T_1^7 T_2^5 + 3144 c_{34} T_1^7 T_2^5 + 4195 c_{46} T_1^7 T_2^5 + 3144 c_{49} T_1^7 T_2^5 + 4195 c_{61} T_1^7 T_2^5 + 3144 c_{64} T_1^7 T_2^5 + \\
 & 8464 c_{81} T_1^7 T_2^5 + 10844 c_{82} T_1^7 T_2^5 + 2120 c_{84} T_1^7 T_2^5 + 5614 c_{85} T_1^7 T_2^5 - 182 a_2 b_3 T_1^8 T_2^5 + \\
 & 786 a_4 b_3 T_1^8 T_2^5 + 371 c_{16} T_1^8 T_2^5 - 440 c_{19} T_1^8 T_2^5 + 371 c_{31} T_1^8 T_2^5 - 440 c_{34} T_1^8 T_2^5 + 371 c_{46} T_1^8 T_2^5 - \\
 & 440 c_{49} T_1^8 T_2^5 + 371 c_{61} T_1^8 T_2^5 - 440 c_{64} T_1^8 T_2^5 - 2120 c_{81} T_1^8 T_2^5 - 5144 c_{82} T_1^8 T_2^5 - 2264 c_{85} T_1^8 T_2^5 - \\
 & 530 c_{16} T_1^9 T_2^5 - 48 c_{19} T_1^9 T_2^5 - 530 c_{31} T_1^9 T_2^5 - 48 c_{34} T_1^9 T_2^5 - 530 c_{46} T_1^9 T_2^5 - 48 c_{49} T_1^9 T_2^5 - \\
 & 530 c_{61} T_1^9 T_2^5 - 48 c_{64} T_1^9 T_2^5 + 848 c_{81} T_1^9 T_2^5 + 344 c_{85} T_1^9 T_2^5 - 28 a_4 b_5 T_1^6 T_2^6 - 12 a_4 b_3 T_1 T_2^6 - \\
 & 12 a_2 b_5 T_1 T_2^6 + 272 a_4 b_5 T_1 T_2^6 - 80 c_{81} T_1 T_2^6 - 80 c_{84} T_1 T_2^6 + 36 a_2 b_3 T_1^2 T_2^6 - 80 a_4 b_3 T_1^2 T_2^6 - \\
 & 140 a_2 b_5 T_1^2 T_2^6 - 611 a_4 b_5 T_1^2 T_2^6 + 84 c_{16} T_1^2 T_2^6 - 140 c_{19} T_1^2 T_2^6 + 84 c_{31} T_1^2 T_2^6 - 140 c_{34} T_1^2 T_2^6 + \\
 & 84 c_{46} T_1^2 T_2^6 - 140 c_{49} T_1^2 T_2^6 + 84 c_{61} T_1^2 T_2^6 - 140 c_{64} T_1^2 T_2^6 - 584 c_{81} T_1^2 T_2^6 - 144 c_{82} T_1^2 T_2^6 - \\
 & 664 c_{84} T_1^2 T_2^6 - 254 a_2 b_3 T_1^3 T_2^6 + 1167 a_4 b_3 T_1^3 T_2^6 + 1141 a_2 b_5 T_1^3 T_2^6 - 1399 a_4 b_5 T_1^3 T_2^6 + \\
 & 308 c_{16} T_1^3 T_2^6 + 252 c_{19} T_1^3 T_2^6 + 308 c_{31} T_1^3 T_2^6 + 252 c_{34} T_1^3 T_2^6 + 308 c_{46} T_1^3 T_2^6 + 252 c_{49} T_1^3 T_2^6 + \\
 & 308 c_{61} T_1^3 T_2^6 + 252 c_{64} T_1^3 T_2^6 + 3464 c_{81} T_1^3 T_2^6 + 584 c_{82} T_1^3 T_2^6 + 2800 c_{84} T_1^3 T_2^6 - 80 c_{85} T_1^3 T_2^6 + \\
 & 702 a_2 b_3 T_1^4 T_2^6 - 4334 a_4 b_3 T_1^4 T_2^6 - 2754 a_2 b_5 T_1^4 T_2^6 + 7766 a_4 b_5 T_1^4 T_2^6 - 1026 c_{16} T_1^4 T_2^6 + \\
 & 1465 c_{19} T_1^4 T_2^6 - 1026 c_{31} T_1^4 T_2^6 + 1465 c_{34} T_1^4 T_2^6 - 1026 c_{46} T_1^4 T_2^6 + 1465 c_{49} T_1^4 T_2^6 - 1026 c_{61} T_1^4 T_2^6 + \\
 & 1465 c_{64} T_1^4 T_2^6 - 3700 c_{81} T_1^4 T_2^6 + 196 c_{82} T_1^4 T_2^6 - 900 c_{84} T_1^4 T_2^6 + 560 c_{85} T_1^4 T_2^6 - 968 a_2 b_3 T_1^5 T_2^6 + \\
 & 7396 a_4 b_3 T_1^5 T_2^6 + 2856 a_2 b_5 T_1^5 T_2^6 - 11367 a_4 b_5 T_1^5 T_2^6 - 1022 c_{16} T_1^5 T_2^6 - 4688 c_{19} T_1^5 T_2^6 - \\
 & 1022 c_{31} T_1^5 T_2^6 - 4688 c_{34} T_1^5 T_2^6 - 1022 c_{46} T_1^5 T_2^6 - 4688 c_{49} T_1^5 T_2^6 - 1022 c_{61} T_1^5 T_2^6 - 4688 c_{64} T_1^5 T_2^6 - \\
 & 4330 c_{81} T_1^5 T_2^6 - 4346 c_{82} T_1^5 T_2^6 - 5230 c_{84} T_1^5 T_2^6 - 1540 c_{85} T_1^5 T_2^6 + 702 a_2 b_3 T_1^6 T_2^6 - 6319 a_4 b_3 T_1^6 T_2^6 - \\
 & 1309 a_2 b_5 T_1^6 T_2^6 + 6319 a_4 b_5 T_1^6 T_2^6 + 3144 c_{16} T_1^6 T_2^6 + 4195 c_{19} T_1^6 T_2^6 + 3144 c_{31} T_1^6 T_2^6 + \\
 & 4195 c_{34} T_1^6 T_2^6 + 3144 c_{46} T_1^6 T_2^6 + 4195 c_{49} T_1^6 T_2^6 + 3144 c_{61} T_1^6 T_2^6 + 4195 c_{64} T_1^6 T_2^6 + 10844 c_{81} T_1^6 T_2^6 + \\
 & 8464 c_{82} T_1^6 T_2^6 + 5614 c_{84} T_1^6 T_2^6 + 2120 c_{85} T_1^6 T_2^6 - 254 a_2 b_3 T_1^7 T_2^6 + 2582 a_4 b_3 T_1^7 T_2^6 + \\
 & 218 a_2 b_5 T_1^7 T_2^6 - 1186 a_4 b_5 T_1^7 T_2^6 - 632 c_{16} T_1^7 T_2^6 - 632 c_{19} T_1^7 T_2^6 - 632 c_{31} T_1^7 T_2^6 - 632 c_{34} T_1^7 T_2^6 - \\
 & 632 c_{46} T_1^7 T_2^6 - 632 c_{49} T_1^7 T_2^6 - 632 c_{61} T_1^7 T_2^6 - 632 c_{64} T_1^7 T_2^6 - 7154 c_{81} T_1^7 T_2^6 - 7154 c_{82} T_1^7 T_2^6 - \\
 & 1540 c_{84} T_1^7 T_2^6 - 1540 c_{85} T_1^7 T_2^6 + 36 a_2 b_3 T_1^8 T_2^6 - 400 a_4 b_3 T_1^8 T_2^6 - 1386 c_{16} T_1^8 T_2^6 - 660 c_{19} T_1^8 T_2^6 - \\
 & 1386 c_{31} T_1^8 T_2^6 - 660 c_{34} T_1^8 T_2^6 - 1386 c_{46} T_1^8 T_2^6 - 660 c_{49} T_1^8 T_2^6 - 1386 c_{61} T_1^8 T_2^6 - 660 c_{64} T_1^8 T_2^6 + \\
 & 1540 c_{81} T_1^8 T_2^6 + 2824 c_{82} T_1^8 T_2^6 + 560 c_{85} T_1^8 T_2^6 + 530 c_{16} T_1^9 T_2^6 + 208 c_{19} T_1^9 T_2^6 + 530 c_{31} T_1^9 T_2^6 + \\
 & 208 c_{34} T_1^9 T_2^6 + 530 c_{46} T_1^9 T_2^6 + 208 c_{49} T_1^9 T_2^6 + 530 c_{61} T_1^9 T_2^6 + 208 c_{64} T_1^9 T_2^6 - 424 c_{81} T_1^9 T_2^6 - \\
 & 80 c_{85} T_1^9 T_2^6 - 12 a_4 b_5 T_1 T_2^7 + 36 a_4 b_3 T_1^2 T_2^7 + 36 a_2 b_5 T_1^2 T_2^7 - 128 a_4 b_5 T_1^2 T_2^7 + 144 c_{81} T_1^2 T_2^7 + \\
 & 144 c_{84} T_1^2 T_2^7 - 290 a_4 b_3 T_1^3 T_2^7 - 218 a_2 b_5 T_1^3 T_2^7 + 1329 a_4 b_5 T_1^3 T_2^7 - 84 c_{16} T_1^3 T_2^7 + 140 c_{19} T_1^3 T_2^7 - \\
 & 84 c_{31} T_1^3 T_2^7 + 140 c_{34} T_1^3 T_2^7 - 84 c_{46} T_1^3 T_2^7 + 140 c_{49} T_1^3 T_2^7 - 84 c_{61} T_1^3 T_2^7 + 140 c_{64} T_1^3 T_2^7 - \\
 & 344 c_{81} T_1^3 T_2^7 + 80 c_{82} T_1^3 T_2^7 - 200 c_{84} T_1^3 T_2^7 + 920 a_4 b_3 T_1^4 T_2^7 + 484 a_2 b_5 T_1^4 T_2^7 - 3925 a_4 b_5 T_1^4 T_2^7 + \\
 & 52 c_{16} T_1^4 T_2^7 - 672 c_{19} T_1^4 T_2^7 + 52 c_{31} T_1^4 T_2^7 - 672 c_{34} T_1^4 T_2^7 + 52 c_{46} T_1^4 T_2^7 - 672 c_{49} T_1^4 T_2^7 + \\
 & 52 c_{61} T_1^4 T_2^7 - 672 c_{64} T_1^4 T_2^7 - 920 c_{81} T_1^4 T_2^7 - 560 c_{82} T_1^4 T_2^7 - 1120 c_{84} T_1^4 T_2^7 - 1452 a_4 b_3 T_1^5 T_2^7 - \\
 & 484 a_2 b_5 T_1^5 T_2^7 + 4923 a_4 b_5 T_1^5 T_2^7 + 504 c_{16} T_1^5 T_2^7 + 847 c_{19} T_1^5 T_2^7 + 504 c_{31} T_1^5 T_2^7 + 847 c_{34} T_1^5 T_2^7 + \\
 & 504 c_{46} T_1^5 T_2^7 + 847 c_{49} T_1^5 T_2^7 + 504 c_{61} T_1^5 T_2^7 + 847 c_{64} T_1^5 T_2^7 + 4000 c_{81} T_1^5 T_2^7 + 1540 c_{82} T_1^5 T_2^7 + \\
 & 2880 c_{84} T_1^5 T_2^7 + 1186 a_4 b_3 T_1^6 T_2^7 + 218 a_2 b_5 T_1^6 T_2^7 - 2582 a_4 b_5 T_1^6 T_2^7 - 440 c_{16} T_1^6 T_2^7 + \\
 & 371 c_{19} T_1^6 T_2^7 - 440 c_{31} T_1^6 T_2^7 + 371 c_{34} T_1^6 T_2^7 - 440 c_{46} T_1^6 T_2^7 + 371 c_{49} T_1^6 T_2^7 - 440 c_{61} T_1^6 T_2^7 + \\
 & 371 c_{64} T_1^6 T_2^7 - 5144 c_{81} T_1^6 T_2^7 - 2120 c_{82} T_1^6 T_2^7 - 2264 c_{84} T_1^6 T_2^7 - 472 a_4 b_3 T_1^7 T_2^7 - 36 a_2 b_5 T_1^7 T_2^7 +
 \end{aligned}$$

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$$\begin{aligned}
 & 472 a_4 b_5 T_1^7 T_2^7 - 660 c_{16} T_1^7 T_2^7 - 1386 c_{19} T_1^7 T_2^7 - 660 c_{31} T_1^7 T_2^7 - 1386 c_{34} T_1^7 T_2^7 - 660 c_{46} T_1^7 T_2^7 - \\
 & 1386 c_{49} T_1^7 T_2^7 - 660 c_{61} T_1^7 T_2^7 - 1386 c_{64} T_1^7 T_2^7 + 2824 c_{81} T_1^7 T_2^7 + 1540 c_{82} T_1^7 T_2^7 + 560 c_{84} T_1^7 T_2^7 + \\
 & 72 a_4 b_3 T_1^8 T_2^7 + 868 c_{16} T_1^8 T_2^7 + 868 c_{19} T_1^8 T_2^7 + 868 c_{31} T_1^8 T_2^7 + 868 c_{34} T_1^8 T_2^7 + 868 c_{46} T_1^8 T_2^7 + \\
 & 868 c_{49} T_1^8 T_2^7 + 868 c_{61} T_1^8 T_2^7 + 868 c_{64} T_1^8 T_2^7 - 560 c_{81} T_1^8 T_2^7 - 560 c_{82} T_1^8 T_2^7 - 240 c_{16} T_1^9 T_2^7 - \\
 & 168 c_{19} T_1^9 T_2^7 - 240 c_{31} T_1^9 T_2^7 - 168 c_{34} T_1^9 T_2^7 - 240 c_{46} T_1^9 T_2^7 - 168 c_{49} T_1^9 T_2^7 - 240 c_{61} T_1^9 T_2^7 - \\
 & 168 c_{64} T_1^9 T_2^7 + 80 c_{82} T_1^9 T_2^7 + 36 a_4 b_5 T_1^2 T_2^8 - 254 a_4 b_5 T_1^3 T_2^8 - 64 c_{81} T_1^3 T_2^8 - 64 c_{84} T_1^3 T_2^8 + \\
 & 666 a_4 b_5 T_1^4 T_2^8 + 24 c_{16} T_1^4 T_2^8 - 40 c_{19} T_1^4 T_2^8 + 24 c_{31} T_1^4 T_2^8 - 40 c_{34} T_1^4 T_2^8 + 24 c_{46} T_1^4 T_2^8 - \\
 & 40 c_{49} T_1^4 T_2^8 + 24 c_{61} T_1^4 T_2^8 - 40 c_{64} T_1^4 T_2^8 + 368 c_{81} T_1^4 T_2^8 + 304 c_{84} T_1^4 T_2^8 - 786 a_4 b_5 T_1^5 T_2^8 - \\
 & 56 c_{16} T_1^5 T_2^8 + 240 c_{19} T_1^5 T_2^8 - 56 c_{31} T_1^5 T_2^8 + 240 c_{34} T_1^5 T_2^8 - 56 c_{46} T_1^5 T_2^8 + 240 c_{49} T_1^5 T_2^8 - \\
 & 56 c_{61} T_1^5 T_2^8 + 240 c_{64} T_1^5 T_2^8 - 808 c_{81} T_1^5 T_2^8 - 504 c_{84} T_1^5 T_2^8 + 400 a_4 b_5 T_1^6 T_2^8 - 48 c_{16} T_1^6 T_2^8 - \\
 & 530 c_{19} T_1^6 T_2^8 - 48 c_{31} T_1^6 T_2^8 - 530 c_{34} T_1^6 T_2^8 - 48 c_{46} T_1^6 T_2^8 - 530 c_{49} T_1^6 T_2^8 - 48 c_{61} T_1^6 T_2^8 - \\
 & 530 c_{64} T_1^6 T_2^8 + 848 c_{81} T_1^6 T_2^8 + 344 c_{84} T_1^6 T_2^8 - 72 a_4 b_5 T_1^7 T_2^8 + 208 c_{16} T_1^7 T_2^8 + 530 c_{19} T_1^7 T_2^8 + \\
 & 208 c_{31} T_1^7 T_2^8 + 530 c_{34} T_1^7 T_2^8 + 208 c_{46} T_1^7 T_2^8 + 530 c_{49} T_1^7 T_2^8 + 208 c_{61} T_1^7 T_2^8 + 530 c_{64} T_1^7 T_2^8 - \\
 & 424 c_{81} T_1^7 T_2^8 - 80 c_{84} T_1^7 T_2^8 - 168 c_{16} T_1^8 T_2^8 - 240 c_{19} T_1^8 T_2^8 - 168 c_{31} T_1^8 T_2^8 - 240 c_{34} T_1^8 T_2^8 - \\
 & 168 c_{46} T_1^8 T_2^8 - 240 c_{49} T_1^8 T_2^8 - 168 c_{61} T_1^8 T_2^8 - 240 c_{64} T_1^8 T_2^8 + 80 c_{81} T_1^8 T_2^8 + 40 c_{16} T_1^9 T_2^8 + \\
 & 40 c_{19} T_1^9 T_2^8 + 40 c_{31} T_1^9 T_2^8 + 40 c_{34} T_1^9 T_2^8 + 40 c_{46} T_1^9 T_2^8 + 40 c_{49} T_1^9 T_2^8 + 40 c_{61} T_1^9 T_2^8 + 40 c_{64} T_1^9 T_2^8) / \\
 & ((-2 + T_1)^2 (-1 + T_1) T_1 (-1 + 2 T_1)^2 (-2 + T_2)^2 (-1 + T_2) (-1 + 2 T_2)^2 \\
 & (-2 + T_1 T_2) (-1 + T_1 T_2) (-1 + 2 T_1 T_2)) ] ] ] / \\
 & ((-2 - 5 T_1 + 2 T_1^2) (-2 - 5 T_2 + 2 T_2^2) (-2 - 5 T_1 T_2 + 2 T_1^2 T_2^2))
 \end{aligned}$$

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$$\begin{aligned}
 \text{Knot}[7, 1] \rightarrow - & ((i T_1^6 T_2^6 E[\text{Series}[0, -((-c_{81} - c_{82} - c_{84} - c_{85} + c_{16} T_1 + c_{31} T_1 + c_{46} T_1 + c_{61} T_1 + 5 c_{81} T_1 + \\
 & 4 c_{82} T_1 + 4 c_{84} T_1 + 4 c_{85} T_1 - 3 c_{16} T_1^2 - 3 c_{31} T_1^2 - 3 c_{46} T_1^2 - 3 c_{61} T_1^2 - 13 c_{81} T_1^2 - 8 c_{82} T_1^2 - \\
 & 9 c_{84} T_1^2 - 8 c_{85} T_1^2 + 6 c_{16} T_1^3 + 6 c_{31} T_1^3 + 6 c_{46} T_1^3 + 6 c_{61} T_1^3 + 25 c_{81} T_1^3 + 12 c_{82} T_1^3 + 16 c_{84} T_1^3 + \\
 & 12 c_{85} T_1^3 - 10 c_{16} T_1^4 - 10 c_{31} T_1^4 - 10 c_{46} T_1^4 - 10 c_{61} T_1^4 - 41 c_{81} T_1^4 - 16 c_{82} T_1^4 - 25 c_{84} T_1^4 - 16 c_{85} T_1^4 + \\
 & 15 c_{16} T_1^5 + 15 c_{31} T_1^5 + 15 c_{46} T_1^5 + 15 c_{61} T_1^5 + 61 c_{81} T_1^5 + 20 c_{82} T_1^5 + 36 c_{84} T_1^5 + 20 c_{85} T_1^5 - \\
 & 21 c_{16} T_1^6 - 21 c_{31} T_1^6 - 21 c_{46} T_1^6 - 21 c_{61} T_1^6 - 78 c_{81} T_1^6 - 24 c_{82} T_1^6 - 42 c_{84} T_1^6 - 24 c_{85} T_1^6 + \\
 & 27 c_{16} T_1^7 + 27 c_{31} T_1^7 + 27 c_{46} T_1^7 + 27 c_{61} T_1^7 + 83 c_{81} T_1^7 + 26 c_{82} T_1^7 + 41 c_{84} T_1^7 + 26 c_{85} T_1^7 - \\
 & 31 c_{16} T_1^8 - 31 c_{31} T_1^8 - 31 c_{46} T_1^8 - 31 c_{61} T_1^8 - 79 c_{81} T_1^8 - 24 c_{82} T_1^8 - 38 c_{84} T_1^8 - 24 c_{85} T_1^8 + \\
 & 32 c_{16} T_1^9 + 32 c_{31} T_1^9 + 32 c_{46} T_1^9 + 32 c_{61} T_1^9 + 71 c_{81} T_1^9 + 20 c_{82} T_1^9 + 33 c_{84} T_1^9 + 20 c_{85} T_1^9 - \\
 & 30 c_{16} T_1^{10} - 30 c_{31} T_1^{10} - 30 c_{46} T_1^{10} - 30 c_{61} T_1^{10} - 59 c_{81} T_1^{10} - 16 c_{82} T_1^{10} - 26 c_{84} T_1^{10} - 16 c_{85} T_1^{10} + \\
 & 25 c_{16} T_1^{11} + 25 c_{31} T_1^{11} + 25 c_{46} T_1^{11} + 25 c_{61} T_1^{11} + 43 c_{81} T_1^{11} + 12 c_{82} T_1^{11} + 17 c_{84} T_1^{11} + 12 c_{85} T_1^{11} - \\
 & 17 c_{16} T_1^{12} - 17 c_{31} T_1^{12} - 17 c_{46} T_1^{12} - 17 c_{61} T_1^{12} - 23 c_{81} T_1^{12} - 8 c_{82} T_1^{12} - 6 c_{84} T_1^{12} - 8 c_{85} T_1^{12} + \\
 & 6 c_{16} T_1^{13} + 6 c_{31} T_1^{13} + 6 c_{46} T_1^{13} + 6 c_{61} T_1^{13} + 6 c_{81} T_1^{13} + 4 c_{82} T_1^{13} + 4 c_{85} T_1^{13} - c_{82} T_1^{14} - c_{85} T_1^{14} - \\
 & a_2 b_3 T_2 + a_2 b_5 T_2 + c_{19} T_2 + c_{34} T_2 + c_{49} T_2 + c_{64} T_2 + 4 c_{81} T_2 + 5 c_{82} T_2 + 4 c_{84} T_2 + 4 c_{85} T_2 + \\
 & 4 a_2 b_3 T_1 T_2 - a_4 b_3 T_1 T_2 - 3 a_2 b_5 T_1 T_2 + a_4 b_5 T_1 T_2 - 3 c_{16} T_1 T_2 - 3 c_{19} T_1 T_2 - 3 c_{31} T_1 T_2 - \\
 & 3 c_{34} T_1 T_2 - 3 c_{46} T_1 T_2 - 3 c_{49} T_1 T_2 - 3 c_{61} T_1 T_2 - 3 c_{64} T_1 T_2 - 17 c_{81} T_1 T_2 - 17 c_{82} T_1 T_2 - \\
 & 13 c_{84} T_1 T_2 - 13 c_{85} T_1 T_2 - 8 a_2 b_3 T_1^2 T_2 + 3 a_4 b_3 T_1^2 T_2 + 5 a_2 b_5 T_1^2 T_2 - 2 a_4 b_5 T_1^2 T_2 + 7 c_{16} T_1^2 T_2 + \\
 & 5 c_{19} T_1^2 T_2 + 7 c_{31} T_1^2 T_2 + 5 c_{34} T_1^2 T_2 + 7 c_{46} T_1^2 T_2 + 5 c_{49} T_1^2 T_2 + 7 c_{61} T_1^2 T_2 + 5 c_{64} T_1^2 T_2 + \\
 & 37 c_{81} T_1^2 T_2 + 28 c_{82} T_1^2 T_2 + 24 c_{84} T_1^2 T_2 + 20 c_{85} T_1^2 T_2 + 12 a_2 b_3 T_1^3 T_2 - 5 a_4 b_3 T_1^3 T_2 - 7 a_2 b_5 T_1^3 T_2 + \\
 & 3 a_4 b_5 T_1^3 T_2 - 12 c_{16} T_1^3 T_2 - 7 c_{19} T_1^3 T_2 - 12 c_{31} T_1^3 T_2 - 7 c_{34} T_1^3 T_2 - 12 c_{46} T_1^3 T_2 - 7 c_{49} T_1^3 T_2 - \\
 & 12 c_{61} T_1^3 T_2 - 7 c_{64} T_1^3 T_2 - 61 c_{81} T_1^3 T_2 - 36 c_{82} T_1^3 T_2 - 37 c_{84} T_1^3 T_2 - 24 c_{85} T_1^3 T_2 - 16 a_2 b_3 T_1^4 T_2 + \\
 & 7 a_4 b_3 T_1^4 T_2 + 9 a_2 b_5 T_1^4 T_2 - 4 a_4 b_5 T_1^4 T_2 + 18 c_{16} T_1^4 T_2 + 9 c_{19} T_1^4 T_2 + 18 c_{31} T_1^4 T_2 + 9 c_{34} T_1^4 T_2 + \\
 & 18 c_{46} T_1^4 T_2 + 9 c_{49} T_1^4 T_2 + 18 c_{61} T_1^4 T_2 + 9 c_{64} T_1^4 T_2 + 89 c_{81} T_1^4 T_2 + 44 c_{82} T_1^4 T_2 + 52 c_{84} T_1^4 T_2 + \\
 & 28 c_{85} T_1^4 T_2 + 20 a_2 b_3 T_1^5 T_2 - 9 a_4 b_3 T_1^5 T_2 - 11 a_2 b_5 T_1^5 T_2 + 5 a_4 b_5 T_1^5 T_2 - 25 c_{16} T_1^5 T_2 - \\
 & 11 c_{19} T_1^5 T_2 - 25 c_{31} T_1^5 T_2 - 11 c_{34} T_1^5 T_2 - 25 c_{46} T_1^5 T_2 - 11 c_{49} T_1^5 T_2 - 25 c_{61} T_1^5 T_2 - 11 c_{64} T_1^5 T_2 - \\
 & 121 c_{81} T_1^5 T_2 - 52 c_{82} T_1^5 T_2 - 69 c_{84} T_1^5 T_2 - 32 c_{85} T_1^5 T_2 - 24 a_2 b_3 T_1^6 T_2 + 11 a_4 b_3 T_1^6 T_2 + \\
 & 13 a_2 b_5 T_1^6 T_2 - 6 a_4 b_5 T_1^6 T_2 + 33 c_{16} T_1^6 T_2 + 13 c_{19} T_1^6 T_2 + 33 c_{31} T_1^6 T_2 + 13 c_{34} T_1^6 T_2 + 33 c_{46} T_1^6 T_2 + \\
 & 13 c_{49} T_1^6 T_2 + 33 c_{61} T_1^6 T_2 + 13 c_{64} T_1^6 T_2 + 136 c_{81} T_1^6 T_2 + 60 c_{82} T_1^6 T_2 + 67 c_{84} T_1^6 T_2 + 36 c_{85} T_1^6 T_2 + \\
 & 26 a_2 b_3 T_1^7 T_2 - 13 a_4 b_3 T_1^7 T_2 - 13 a_2 b_5 T_1^7 T_2 + 7 a_4 b_5 T_1^7 T_2 - 39 c_{16} T_1^7 T_2 - 13 c_{19} T_1^7 T_2 -
 \end{aligned}$$

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$$\begin{aligned}
 & 39 c_{31} T_1^7 T_2 - 13 c_{34} T_1^7 T_2 - 39 c_{46} T_1^7 T_2 - 13 c_{49} T_1^7 T_2 - 39 c_{61} T_1^7 T_2 - 13 c_{64} T_1^7 T_2 - 119 c_{81} T_1^7 T_2 - \\
 & 58 c_{82} T_1^7 T_2 - 52 c_{84} T_1^7 T_2 - 32 c_{85} T_1^7 T_2 - 24 a_2 b_3 T_1^8 T_2 + 13 a_4 b_3 T_1^8 T_2 + 11 a_2 b_5 T_1^8 T_2 - \\
 & 6 a_4 b_5 T_1^8 T_2 + 39 c_{16} T_1^8 T_2 + 11 c_{19} T_1^8 T_2 + 39 c_{31} T_1^8 T_2 + 11 c_{34} T_1^8 T_2 + 39 c_{46} T_1^8 T_2 + 11 c_{49} T_1^8 T_2 + \\
 & 39 c_{61} T_1^8 T_2 + 11 c_{64} T_1^8 T_2 + 95 c_{81} T_1^8 T_2 + 42 c_{82} T_1^8 T_2 + 43 c_{84} T_1^8 T_2 + 18 c_{85} T_1^8 T_2 + 20 a_2 b_3 T_1^9 T_2 - \\
 & 11 a_4 b_3 T_1^9 T_2 - 9 a_2 b_5 T_1^9 T_2 + 5 a_4 b_5 T_1^9 T_2 - 34 c_{16} T_1^9 T_2 - 9 c_{19} T_1^9 T_2 - 34 c_{31} T_1^9 T_2 - 9 c_{34} T_1^9 T_2 - \\
 & 34 c_{46} T_1^9 T_2 - 9 c_{49} T_1^9 T_2 - 34 c_{61} T_1^9 T_2 - 9 c_{64} T_1^9 T_2 - 75 c_{81} T_1^9 T_2 - 28 c_{82} T_1^9 T_2 - 32 c_{84} T_1^9 T_2 - \\
 & 8 c_{85} T_1^9 T_2 - 16 a_2 b_3 T_1^{10} T_2 + 9 a_4 b_3 T_1^{10} T_2 + 7 a_2 b_5 T_1^{10} T_2 - 4 a_4 b_5 T_1^{10} T_2 + 26 c_{16} T_1^{10} T_2 + \\
 & 7 c_{19} T_1^{10} T_2 + 26 c_{31} T_1^{10} T_2 + 7 c_{34} T_1^{10} T_2 + 26 c_{46} T_1^{10} T_2 + 7 c_{49} T_1^{10} T_2 + 26 c_{61} T_1^{10} T_2 + 7 c_{64} T_1^{10} T_2 + \\
 & 51 c_{81} T_1^{10} T_2 + 20 c_{82} T_1^{10} T_2 + 19 c_{84} T_1^{10} T_2 + 4 c_{85} T_1^{10} T_2 + 12 a_2 b_3 T_1^{11} T_2 - 7 a_4 b_3 T_1^{11} T_2 - \\
 & 5 a_2 b_5 T_1^{11} T_2 + 3 a_4 b_5 T_1^{11} T_2 - 15 c_{16} T_1^{11} T_2 - 5 c_{19} T_1^{11} T_2 - 15 c_{31} T_1^{11} T_2 - 5 c_{34} T_1^{11} T_2 - \\
 & 15 c_{46} T_1^{11} T_2 - 5 c_{49} T_1^{11} T_2 - 15 c_{61} T_1^{11} T_2 - 5 c_{64} T_1^{11} T_2 - 23 c_{81} T_1^{11} T_2 - 12 c_{82} T_1^{11} T_2 - 4 c_{84} T_1^{11} T_2 - \\
 & 8 a_2 b_3 T_1^{12} T_2 + 5 a_4 b_3 T_1^{12} T_2 + 3 a_2 b_5 T_1^{12} T_2 - 2 a_4 b_5 T_1^{12} T_2 + c_{16} T_1^{12} T_2 + 3 c_{19} T_1^{12} T_2 + c_{31} T_1^{12} T_2 + \\
 & 3 c_{34} T_1^{12} T_2 + c_{46} T_1^{12} T_2 + 3 c_{49} T_1^{12} T_2 + c_{61} T_1^{12} T_2 + 3 c_{64} T_1^{12} T_2 - 9 c_{81} T_1^{12} T_2 + 4 c_{82} T_1^{12} T_2 - \\
 & 13 c_{84} T_1^{12} T_2 - 4 c_{85} T_1^{12} T_2 + 4 a_2 b_3 T_1^{13} T_2 - 3 a_4 b_3 T_1^{13} T_2 - a_2 b_5 T_1^{13} T_2 + a_4 b_5 T_1^{13} T_2 + \\
 & 16 c_{16} T_1^{13} T_2 - c_{19} T_1^{13} T_2 + 16 c_{31} T_1^{13} T_2 - c_{34} T_1^{13} T_2 + 16 c_{46} T_1^{13} T_2 - c_{49} T_1^{13} T_2 + 16 c_{61} T_1^{13} T_2 - \\
 & c_{64} T_1^{13} T_2 + 24 c_{81} T_1^{13} T_2 + 4 c_{82} T_1^{13} T_2 + 11 c_{84} T_1^{13} T_2 + 8 c_{85} T_1^{13} T_2 - a_2 b_3 T_1^{14} T_2 + a_4 b_3 T_1^{14} T_2 - \\
 & 12 c_{16} T_1^{14} T_2 - 12 c_{31} T_1^{14} T_2 - 12 c_{46} T_1^{14} T_2 - 12 c_{61} T_1^{14} T_2 - 11 c_{81} T_1^{14} T_2 - 7 c_{82} T_1^{14} T_2 - \\
 & 8 c_{85} T_1^{14} T_2 + 3 c_{84} T_1^{15} T_2 + 3 c_{85} T_1^{15} T_2 + 2 a_2 b_3 T_1^2 T_2 - a_4 b_3 T_1^2 T_2 - 3 a_2 b_5 T_1^2 T_2 + a_4 b_5 T_1^2 T_2 - 3 c_{19} T_2^2 - \\
 & 3 c_{34} T_2^2 - 3 c_{49} T_2^2 - 3 c_{64} T_2^2 - 8 c_{81} T_2^2 - 13 c_{82} T_2^2 - 8 c_{84} T_2^2 - 9 c_{85} T_2^2 - 7 a_2 b_3 T_1 T_2^2 + 7 a_4 b_3 T_1 T_2^2 + \\
 & 8 a_2 b_5 T_1 T_2^2 - 7 a_4 b_5 T_1 T_2^2 + 5 c_{16} T_1 T_2^2 + 7 c_{19} T_1 T_2^2 + 5 c_{31} T_1 T_2^2 + 7 c_{34} T_1 T_2^2 + 5 c_{46} T_1 T_2^2 + \\
 & 7 c_{49} T_1 T_2^2 + 5 c_{61} T_1 T_2^2 + 7 c_{64} T_1 T_2^2 + 28 c_{81} T_1 T_2^2 + 37 c_{82} T_1 T_2^2 + 20 c_{84} T_1 T_2^2 + 24 c_{85} T_1 T_2^2 + \\
 & 12 a_2 b_3 T_1^2 T_2^2 - 16 a_4 b_3 T_1^2 T_2^2 - 12 a_2 b_5 T_1^2 T_2^2 + 12 a_4 b_5 T_1^2 T_2^2 - 9 c_{16} T_1^2 T_2^2 - 9 c_{19} T_1^2 T_2^2 - \\
 & 9 c_{31} T_1^2 T_2^2 - 9 c_{34} T_1^2 T_2^2 - 9 c_{46} T_1^2 T_2^2 - 9 c_{49} T_1^2 T_2^2 - 9 c_{61} T_1^2 T_2^2 - 9 c_{64} T_1^2 T_2^2 - 49 c_{81} T_1^2 T_2^2 - \\
 & 49 c_{82} T_1^2 T_2^2 - 29 c_{84} T_1^2 T_2^2 - 29 c_{85} T_1^2 T_2^2 - 16 a_2 b_3 T_1^3 T_2^2 + 24 a_4 b_3 T_1^3 T_2^2 + 16 a_2 b_5 T_1^3 T_2^2 - \\
 & 17 a_4 b_5 T_1^3 T_2^2 + 14 c_{16} T_1^3 T_2^2 + 11 c_{19} T_1^3 T_2^2 + 14 c_{31} T_1^3 T_2^2 + 11 c_{34} T_1^3 T_2^2 + 14 c_{46} T_1^3 T_2^2 + \\
 & 11 c_{49} T_1^3 T_2^2 + 14 c_{61} T_1^3 T_2^2 + 11 c_{64} T_1^3 T_2^2 + 69 c_{81} T_1^3 T_2^2 + 56 c_{82} T_1^3 T_2^2 + 40 c_{84} T_1^3 T_2^2 + 32 c_{85} T_1^3 T_2^2 + \\
 & 20 a_2 b_3 T_1^4 T_2^2 - 32 a_4 b_3 T_1^4 T_2^2 - 20 a_2 b_5 T_1^4 T_2^2 + 22 a_4 b_5 T_1^4 T_2^2 - 20 c_{16} T_1^4 T_2^2 - 13 c_{19} T_1^4 T_2^2 - \\
 & 20 c_{31} T_1^4 T_2^2 - 13 c_{34} T_1^4 T_2^2 - 20 c_{46} T_1^4 T_2^2 - 13 c_{49} T_1^4 T_2^2 - 20 c_{61} T_1^4 T_2^2 - 13 c_{64} T_1^4 T_2^2 - 93 c_{81} T_1^4 T_2^2 - \\
 & 68 c_{82} T_1^4 T_2^2 - 53 c_{84} T_1^4 T_2^2 - 40 c_{85} T_1^4 T_2^2 - 24 a_2 b_3 T_1^5 T_2^2 + 40 a_4 b_3 T_1^5 T_2^2 + 24 a_2 b_5 T_1^5 T_2^2 - \\
 & 27 a_4 b_5 T_1^5 T_2^2 + 27 c_{16} T_1^5 T_2^2 + 15 c_{19} T_1^5 T_2^2 + 27 c_{31} T_1^5 T_2^2 + 15 c_{34} T_1^5 T_2^2 + 27 c_{46} T_1^5 T_2^2 + \\
 & 15 c_{49} T_1^5 T_2^2 + 27 c_{61} T_1^5 T_2^2 + 15 c_{64} T_1^5 T_2^2 + 121 c_{81} T_1^5 T_2^2 + 80 c_{82} T_1^5 T_2^2 + 68 c_{84} T_1^5 T_2^2 + 48 c_{85} T_1^5 T_2^2 + \\
 & 27 a_2 b_3 T_1^6 T_2^2 - 48 a_4 b_3 T_1^6 T_2^2 - 27 a_2 b_5 T_1^6 T_2^2 + 32 a_4 b_5 T_1^6 T_2^2 - 35 c_{16} T_1^6 T_2^2 - 17 c_{19} T_1^6 T_2^2 - \\
 & 35 c_{31} T_1^6 T_2^2 - 17 c_{34} T_1^6 T_2^2 - 35 c_{46} T_1^6 T_2^2 - 17 c_{49} T_1^6 T_2^2 - 35 c_{61} T_1^6 T_2^2 - 17 c_{64} T_1^6 T_2^2 - 118 c_{81} T_1^6 T_2^2 - \\
 & 92 c_{82} T_1^6 T_2^2 - 50 c_{84} T_1^6 T_2^2 - 56 c_{85} T_1^6 T_2^2 - 24 a_2 b_3 T_1^7 T_2^2 + 53 a_4 b_3 T_1^7 T_2^2 + 23 a_2 b_5 T_1^7 T_2^2 - \\
 & 34 a_4 b_5 T_1^7 T_2^2 + 39 c_{16} T_1^7 T_2^2 + 13 c_{19} T_1^7 T_2^2 + 39 c_{31} T_1^7 T_2^2 + 13 c_{34} T_1^7 T_2^2 + 39 c_{46} T_1^7 T_2^2 + \\
 & 13 c_{49} T_1^7 T_2^2 + 39 c_{61} T_1^7 T_2^2 + 13 c_{64} T_1^7 T_2^2 + 75 c_{81} T_1^7 T_2^2 + 78 c_{82} T_1^7 T_2^2 + 25 c_{84} T_1^7 T_2^2 + 46 c_{85} T_1^7 T_2^2 + \\
 & 15 a_2 b_3 T_1^8 T_2^2 - 47 a_4 b_3 T_1^8 T_2^2 - 16 a_2 b_5 T_1^8 T_2^2 + 26 a_4 b_5 T_1^8 T_2^2 - 35 c_{16} T_1^8 T_2^2 - 7 c_{19} T_1^8 T_2^2 - \\
 & 35 c_{31} T_1^8 T_2^2 - 7 c_{34} T_1^8 T_2^2 - 35 c_{46} T_1^8 T_2^2 - 7 c_{49} T_1^8 T_2^2 - 35 c_{61} T_1^8 T_2^2 - 7 c_{64} T_1^8 T_2^2 - 47 c_{81} T_1^8 T_2^2 - \\
 & 42 c_{82} T_1^8 T_2^2 - 22 c_{84} T_1^8 T_2^2 - 24 c_{85} T_1^8 T_2^2 - 8 a_2 b_3 T_1^9 T_2^2 + 36 a_4 b_3 T_1^9 T_2^2 + 12 a_2 b_5 T_1^9 T_2^2 - \\
 & 21 a_4 b_5 T_1^9 T_2^2 + 28 c_{16} T_1^9 T_2^2 + 5 c_{19} T_1^9 T_2^2 + 28 c_{31} T_1^9 T_2^2 + 5 c_{34} T_1^9 T_2^2 + 28 c_{46} T_1^9 T_2^2 + 5 c_{49} T_1^9 T_2^2 + \\
 & 28 c_{61} T_1^9 T_2^2 + 5 c_{64} T_1^9 T_2^2 + 35 c_{81} T_1^9 T_2^2 + 30 c_{82} T_1^9 T_2^2 + 13 c_{84} T_1^9 T_2^2 + 22 c_{85} T_1^9 T_2^2 + 4 a_2 b_3 T_1^{10} T_2^2 - \\
 & 28 a_4 b_3 T_1^{10} T_2^2 - 8 a_2 b_5 T_1^{10} T_2^2 + 16 a_4 b_5 T_1^{10} T_2^2 - 20 c_{16} T_1^{10} T_2^2 - 3 c_{19} T_1^{10} T_2^2 - 20 c_{31} T_1^{10} T_2^2 - \\
 & 3 c_{34} T_1^{10} T_2^2 - 20 c_{46} T_1^{10} T_2^2 - 3 c_{49} T_1^{10} T_2^2 - 20 c_{61} T_1^{10} T_2^2 - 3 c_{64} T_1^{10} T_2^2 - 15 c_{81} T_1^{10} T_2^2 - 28 c_{82} T_1^{10} T_2^2 - \\
 & 2 c_{84} T_1^{10} T_2^2 - 24 c_{85} T_1^{10} T_2^2 + 20 a_2 b_3 T_1^{11} T_2^2 + 4 a_2 b_5 T_1^{11} T_2^2 - 11 a_4 b_5 T_1^{11} T_2^2 + 9 c_{16} T_1^{11} T_2^2 + \\
 & c_{19} T_1^{11} T_2^2 + 9 c_{31} T_1^{11} T_2^2 + c_{34} T_1^{11} T_2^2 + 9 c_{46} T_1^{11} T_2^2 + c_{49} T_1^{11} T_2^2 + 9 c_{61} T_1^{11} T_2^2 + c_{64} T_1^{11} T_2^2 - \\
 & 9 c_{81} T_1^{11} T_2^2 + 16 c_{82} T_1^{11} T_2^2 - 11 c_{84} T_1^{11} T_2^2 + 16 c_{85} T_1^{11} T_2^2 - 4 a_2 b_3 T_1^{12} T_2^2 - 12 a_4 b_3 T_1^{12} T_2^2 + \\
 & 6 a_4 b_5 T_1^{12} T_2^2 + 5 c_{16} T_1^{12} T_2^2 + c_{19} T_1^{12} T_2^2 + 5 c_{31} T_1^{12} T_2^2 + c_{34} T_1^{12} T_2^2 + 5 c_{46} T_1^{12} T_2^2 + c_{49} T_1^{12} T_2^2 + \\
 & 5 c_{61} T_1^{12} T_2^2 + c_{64} T_1^{12} T_2^2 + 37 c_{81} T_1^{12} T_2^2 - 4 c_{82} T_1^{12} T_2^2 + 26 c_{84} T_1^{12} T_2^2 - 8 c_{85} T_1^{12} T_2^2 + 7 a_2 b_3 T_1^{13} T_2^2 + \\
 & 4 a_4 b_3 T_1^{13} T_2^2 - 3 a_2 b_5 T_1^{13} T_2^2 - a_4 b_5 T_1^{13} T_2^2 - 22 c_{16} T_1^{13} T_2^2 - 3 c_{19} T_1^{13} T_2^2 - 22 c_{31} T_1^{13} T_2^2 - \\
 & 3 c_{34} T_1^{13} T_2^2 - 22 c_{46} T_1^{13} T_2^2 - 3 c_{49} T_1^{13} T_2^2 - 22 c_{61} T_1^{13} T_2^2 - 3 c_{64} T_1^{13} T_2^2 - 34 c_{81} T_1^{13} T_2^2 - 8 c_{82} T_1^{13} T_2^2 -
 \end{aligned}$$



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$$\begin{aligned}
 & 8 c_{84} T_1^{13} T_2^2 - 6 a_2 b_3 T_1^{14} T_2^2 + 2 a_4 b_3 T_1^{14} T_2^2 + 2 a_2 b_5 T_1^{14} T_2^2 - 2 a_4 b_5 T_1^{14} T_2^2 + 2 c_{16} T_1^{14} T_2^2 + \\
 & 2 c_{19} T_1^{14} T_2^2 + 2 c_{31} T_1^{14} T_2^2 + 2 c_{34} T_1^{14} T_2^2 + 2 c_{46} T_1^{14} T_2^2 + 2 c_{49} T_1^{14} T_2^2 + 2 c_{61} T_1^{14} T_2^2 + 2 c_{64} T_1^{14} T_2^2 - \\
 & c_{81} T_1^{14} T_2^2 + 7 c_{82} T_1^{14} T_2^2 - 9 c_{84} T_1^{14} T_2^2 - c_{85} T_1^{14} T_2^2 + 2 a_2 b_3 T_1^{15} T_2^2 - 2 a_4 b_3 T_1^{15} T_2^2 + 12 c_{16} T_1^{15} T_2^2 + \\
 & 12 c_{31} T_1^{15} T_2^2 + 12 c_{46} T_1^{15} T_2^2 + 12 c_{61} T_1^{15} T_2^2 + 9 c_{81} T_1^{15} T_2^2 + 5 c_{82} T_1^{15} T_2^2 + 8 c_{85} T_1^{15} T_2^2 - \\
 & 5 c_{82} T_1^{16} T_2^2 - 5 c_{85} T_1^{16} T_2^2 - 3 a_2 b_3 T_2^3 + 2 a_4 b_3 T_2^3 + 5 a_2 b_5 T_2^3 - 3 a_4 b_5 T_2^3 + 6 c_{19} T_2^3 + 6 c_{34} T_2^3 + \\
 & 6 c_{49} T_2^3 + 6 c_{64} T_2^3 + 12 c_{81} T_2^3 + 25 c_{82} T_2^3 + 12 c_{84} T_2^3 + 16 c_{85} T_2^3 + 10 a_2 b_3 T_1 T_2^3 - 12 a_4 b_3 T_1 T_2^3 - \\
 & 12 a_2 b_5 T_1 T_2^3 + 16 a_4 b_5 T_1 T_2^3 - 7 c_{16} T_1 T_2^3 - 12 c_{19} T_1 T_2^3 - 7 c_{31} T_1 T_2^3 - 12 c_{34} T_1 T_2^3 - \\
 & 7 c_{46} T_1 T_2^3 - 12 c_{49} T_1 T_2^3 - 7 c_{61} T_1 T_2^3 - 12 c_{64} T_1 T_2^3 - 36 c_{81} T_1 T_2^3 - 61 c_{82} T_1 T_2^3 - 24 c_{84} T_1 T_2^3 - \\
 & 37 c_{85} T_1 T_2^3 - 18 a_2 b_3 T_1^2 T_2^3 + 24 a_4 b_3 T_1^2 T_2^3 + 18 a_2 b_5 T_1^2 T_2^3 - 24 a_4 b_5 T_1^2 T_2^3 + 11 c_{16} T_1^2 T_2^3 + \\
 & 14 c_{19} T_1^2 T_2^3 + 11 c_{31} T_1^2 T_2^3 + 14 c_{34} T_1^2 T_2^3 + 11 c_{46} T_1^2 T_2^3 + 14 c_{49} T_1^2 T_2^3 + 11 c_{61} T_1^2 T_2^3 + 14 c_{64} T_1^2 T_2^3 + \\
 & 56 c_{81} T_1^2 T_2^3 + 69 c_{82} T_1^2 T_2^3 + 32 c_{84} T_1^2 T_2^3 + 40 c_{85} T_1^2 T_2^3 + 28 a_2 b_3 T_1^3 T_2^3 - 34 a_4 b_3 T_1^3 T_2^3 - \\
 & 26 a_2 b_5 T_1^3 T_2^3 + 34 a_4 b_5 T_1^3 T_2^3 - 18 c_{16} T_1^3 T_2^3 - 18 c_{19} T_1^3 T_2^3 - 18 c_{31} T_1^3 T_2^3 - 18 c_{34} T_1^3 T_2^3 - \\
 & 18 c_{46} T_1^3 T_2^3 - 18 c_{49} T_1^3 T_2^3 - 18 c_{61} T_1^3 T_2^3 - 18 c_{64} T_1^3 T_2^3 - 81 c_{81} T_1^3 T_2^3 - 81 c_{82} T_1^3 T_2^3 - 49 c_{84} T_1^3 T_2^3 - \\
 & 49 c_{85} T_1^3 T_2^3 - 40 a_2 b_3 T_1^4 T_2^3 + 46 a_4 b_3 T_1^4 T_2^3 + 34 a_2 b_5 T_1^4 T_2^3 - 44 a_4 b_5 T_1^4 T_2^3 + 26 c_{16} T_1^4 T_2^3 + \\
 & 22 c_{19} T_1^4 T_2^3 + 26 c_{31} T_1^4 T_2^3 + 22 c_{34} T_1^4 T_2^3 + 26 c_{46} T_1^4 T_2^3 + 22 c_{49} T_1^4 T_2^3 + 26 c_{61} T_1^4 T_2^3 + \\
 & 22 c_{64} T_1^4 T_2^3 + 117 c_{81} T_1^4 T_2^3 + 104 c_{82} T_1^4 T_2^3 + 68 c_{84} T_1^4 T_2^3 + 64 c_{85} T_1^4 T_2^3 + 52 a_2 b_3 T_1^5 T_2^3 - \\
 & 58 a_4 b_3 T_1^5 T_2^3 - 42 a_2 b_5 T_1^5 T_2^3 + 54 a_4 b_5 T_1^5 T_2^3 - 35 c_{16} T_1^5 T_2^3 - 26 c_{19} T_1^5 T_2^3 - 35 c_{31} T_1^5 T_2^3 - \\
 & 26 c_{34} T_1^5 T_2^3 - 35 c_{46} T_1^5 T_2^3 - 26 c_{49} T_1^5 T_2^3 - 35 c_{61} T_1^5 T_2^3 - 26 c_{64} T_1^5 T_2^3 - 157 c_{81} T_1^5 T_2^3 - \\
 & 120 c_{82} T_1^5 T_2^3 - 89 c_{84} T_1^5 T_2^3 - 72 c_{85} T_1^5 T_2^3 - 62 a_2 b_3 T_1^6 T_2^3 + 69 a_4 b_3 T_1^6 T_2^3 + 47 a_2 b_5 T_1^6 T_2^3 - \\
 & 63 a_4 b_5 T_1^6 T_2^3 + 45 c_{16} T_1^6 T_2^3 + 30 c_{19} T_1^6 T_2^3 + 45 c_{31} T_1^6 T_2^3 + 30 c_{34} T_1^6 T_2^3 + 45 c_{46} T_1^6 T_2^3 + \\
 & 30 c_{49} T_1^6 T_2^3 + 45 c_{61} T_1^6 T_2^3 + 30 c_{64} T_1^6 T_2^3 + 152 c_{81} T_1^6 T_2^3 + 136 c_{82} T_1^6 T_2^3 + 63 c_{84} T_1^6 T_2^3 + \\
 & 80 c_{85} T_1^6 T_2^3 + 63 a_2 b_3 T_1^7 T_2^3 - 71 a_4 b_3 T_1^7 T_2^3 - 40 a_2 b_5 T_1^7 T_2^3 + 61 a_4 b_5 T_1^7 T_2^3 - 49 c_{16} T_1^7 T_2^3 - \\
 & 22 c_{19} T_1^7 T_2^3 - 49 c_{31} T_1^7 T_2^3 - 22 c_{34} T_1^7 T_2^3 - 49 c_{46} T_1^7 T_2^3 - 22 c_{49} T_1^7 T_2^3 - 49 c_{61} T_1^7 T_2^3 - 22 c_{64} T_1^7 T_2^3 - \\
 & 99 c_{81} T_1^7 T_2^3 - 102 c_{82} T_1^7 T_2^3 - 36 c_{84} T_1^7 T_2^3 - 56 c_{85} T_1^7 T_2^3 - 58 a_2 b_3 T_1^8 T_2^3 + 55 a_4 b_3 T_1^8 T_2^3 + \\
 & 33 a_2 b_5 T_1^8 T_2^3 - 41 a_4 b_5 T_1^8 T_2^3 + 43 c_{16} T_1^8 T_2^3 + 14 c_{19} T_1^8 T_2^3 + 43 c_{31} T_1^8 T_2^3 + 14 c_{34} T_1^8 T_2^3 + \\
 & 43 c_{46} T_1^8 T_2^3 + 14 c_{49} T_1^8 T_2^3 + 43 c_{61} T_1^8 T_2^3 + 14 c_{64} T_1^8 T_2^3 + 75 c_{81} T_1^8 T_2^3 + 46 c_{82} T_1^8 T_2^3 + 39 c_{84} T_1^8 T_2^3 + \\
 & 22 c_{85} T_1^8 T_2^3 + 55 a_2 b_3 T_1^9 T_2^3 - 41 a_4 b_3 T_1^9 T_2^3 - 30 a_2 b_5 T_1^9 T_2^3 + 36 a_4 b_5 T_1^9 T_2^3 - 34 c_{16} T_1^9 T_2^3 - \\
 & 14 c_{19} T_1^9 T_2^3 - 34 c_{31} T_1^9 T_2^3 - 14 c_{34} T_1^9 T_2^3 - 34 c_{46} T_1^9 T_2^3 - 14 c_{49} T_1^9 T_2^3 - 34 c_{61} T_1^9 T_2^3 - 14 c_{64} T_1^9 T_2^3 - \\
 & 63 c_{81} T_1^9 T_2^3 - 46 c_{82} T_1^9 T_2^3 - 24 c_{84} T_1^9 T_2^3 - 24 c_{85} T_1^9 T_2^3 - 48 a_2 b_3 T_1^{10} T_2^3 + 34 a_4 b_3 T_1^{10} T_2^3 + \\
 & 22 a_2 b_5 T_1^{10} T_2^3 - 26 a_4 b_5 T_1^{10} T_2^3 + 22 c_{16} T_1^{10} T_2^3 + 10 c_{19} T_1^{10} T_2^3 + 22 c_{31} T_1^{10} T_2^3 + 10 c_{34} T_1^{10} T_2^3 + \\
 & 22 c_{46} T_1^{10} T_2^3 + 10 c_{49} T_1^{10} T_2^3 + 22 c_{61} T_1^{10} T_2^3 + 10 c_{64} T_1^{10} T_2^3 + 31 c_{81} T_1^{10} T_2^3 + 38 c_{82} T_1^{10} T_2^3 + \\
 & 7 c_{84} T_1^{10} T_2^3 + 14 c_{85} T_1^{10} T_2^3 + 36 a_2 b_3 T_1^{11} T_2^3 - 22 a_4 b_3 T_1^{11} T_2^3 - 14 a_2 b_5 T_1^{11} T_2^3 + 16 a_4 b_5 T_1^{11} T_2^3 - \\
 & 5 c_{16} T_1^{11} T_2^3 - 6 c_{19} T_1^{11} T_2^3 - 5 c_{31} T_1^{11} T_2^3 - 6 c_{34} T_1^{11} T_2^3 - 5 c_{46} T_1^{11} T_2^3 - 6 c_{49} T_1^{11} T_2^3 - 5 c_{61} T_1^{11} T_2^3 - \\
 & 6 c_{64} T_1^{11} T_2^3 + 5 c_{81} T_1^{11} T_2^3 - 8 c_{82} T_1^{11} T_2^3 + 12 c_{84} T_1^{11} T_2^3 + 8 c_{85} T_1^{11} T_2^3 - 24 a_2 b_3 T_1^{12} T_2^3 + \\
 & 10 a_4 b_3 T_1^{12} T_2^3 + 6 a_2 b_5 T_1^{12} T_2^3 - 6 a_4 b_5 T_1^{12} T_2^3 - 15 c_{16} T_1^{12} T_2^3 + 2 c_{19} T_1^{12} T_2^3 - 15 c_{31} T_1^{12} T_2^3 + \\
 & 2 c_{34} T_1^{12} T_2^3 - 15 c_{46} T_1^{12} T_2^3 + 2 c_{49} T_1^{12} T_2^3 - 15 c_{61} T_1^{12} T_2^3 + 2 c_{64} T_1^{12} T_2^3 - 45 c_{81} T_1^{12} T_2^3 - \\
 & 8 c_{82} T_1^{12} T_2^3 - 33 c_{84} T_1^{12} T_2^3 - 16 c_{85} T_1^{12} T_2^3 + 14 a_2 b_3 T_1^{13} T_2^3 + a_4 b_3 T_1^{13} T_2^3 - a_2 b_5 T_1^{13} T_2^3 - \\
 & 3 a_4 b_5 T_1^{13} T_2^3 + 38 c_{16} T_1^{13} T_2^3 + 2 c_{19} T_1^{13} T_2^3 + 38 c_{31} T_1^{13} T_2^3 + 2 c_{34} T_1^{13} T_2^3 + 38 c_{46} T_1^{13} T_2^3 + \\
 & 2 c_{49} T_1^{13} T_2^3 + 38 c_{61} T_1^{13} T_2^3 + 2 c_{64} T_1^{13} T_2^3 + 40 c_{81} T_1^{13} T_2^3 + 24 c_{82} T_1^{13} T_2^3 + 7 c_{84} T_1^{13} T_2^3 + \\
 & 24 c_{85} T_1^{13} T_2^3 - 10 a_2 b_3 T_1^{14} T_2^3 - 5 a_4 b_3 T_1^{14} T_2^3 + 3 a_2 b_5 T_1^{14} T_2^3 + 4 a_4 b_5 T_1^{14} T_2^3 - 8 c_{16} T_1^{14} T_2^3 - \\
 & 8 c_{31} T_1^{14} T_2^3 - 8 c_{46} T_1^{14} T_2^3 - 8 c_{61} T_1^{14} T_2^3 + c_{81} T_1^{14} T_2^3 - 15 c_{82} T_1^{14} T_2^3 + 8 c_{84} T_1^{14} T_2^3 - 16 c_{85} T_1^{14} T_2^3 + \\
 & 8 a_2 b_3 T_1^{15} T_2^3 - a_4 b_3 T_1^{15} T_2^3 - 3 a_2 b_5 T_1^{15} T_2^3 + 3 a_4 b_5 T_1^{15} T_2^3 - 2 c_{16} T_1^{15} T_2^3 - 2 c_{19} T_1^{15} T_2^3 - \\
 & 2 c_{31} T_1^{15} T_2^3 - 2 c_{34} T_1^{15} T_2^3 - 2 c_{46} T_1^{15} T_2^3 - 2 c_{49} T_1^{15} T_2^3 - 2 c_{61} T_1^{15} T_2^3 - 2 c_{64} T_1^{15} T_2^3 - c_{81} T_1^{15} T_2^3 - \\
 & 5 c_{82} T_1^{15} T_2^3 + 7 c_{84} T_1^{15} T_2^3 + 3 c_{85} T_1^{15} T_2^3 - 3 a_2 b_3 T_1^{16} T_2^3 + 3 a_4 b_3 T_1^{16} T_2^3 - 12 c_{16} T_1^{16} T_2^3 - \\
 & 12 c_{31} T_1^{16} T_2^3 - 12 c_{46} T_1^{16} T_2^3 - 12 c_{61} T_1^{16} T_2^3 - 7 c_{81} T_1^{16} T_2^3 - 3 c_{82} T_1^{16} T_2^3 - 8 c_{85} T_1^{16} T_2^3 + \\
 & 7 c_{82} T_1^{17} T_2^3 + 7 c_{85} T_1^{17} T_2^3 + 4 a_2 b_3 T_2^4 - 3 a_4 b_3 T_2^4 - 7 a_2 b_5 T_2^4 + 5 a_4 b_5 T_2^4 - 10 c_{19} T_2^4 - \\
 & 10 c_{34} T_2^4 - 10 c_{49} T_2^4 - 10 c_{64} T_2^4 - 16 c_{81} T_2^4 - 41 c_{82} T_2^4 - 16 c_{84} T_2^4 - 25 c_{85} T_2^4 - 13 a_2 b_3 T_1 T_2^4 + \\
 & 17 a_4 b_3 T_1 T_2^4 + 16 a_2 b_5 T_1 T_2^4 - 24 a_4 b_5 T_1 T_2^4 + 9 c_{16} T_1 T_2^4 + 18 c_{19} T_1 T_2^4 + 9 c_{31} T_1 T_2^4 + \\
 & 18 c_{34} T_1 T_2^4 + 9 c_{46} T_1 T_2^4 + 18 c_{49} T_1 T_2^4 + 9 c_{61} T_1 T_2^4 + 18 c_{64} T_1 T_2^4 + 44 c_{81} T_1 T_2^4 + 89 c_{82} T_1 T_2^4 + \\
 & 28 c_{84} T_1 T_2^4 + 52 c_{85} T_1 T_2^4 + 24 a_2 b_3 T_1^2 T_2^4 - 34 a_4 b_3 T_1^2 T_2^4 - 26 a_2 b_5 T_1^2 T_2^4 + 34 a_4 b_5 T_1^2 T_2^4 -
 \end{aligned}$$



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$$\begin{aligned}
 &13 c_{16} T_1^2 T_2^4 - 20 c_{19} T_1^2 T_2^4 - 13 c_{31} T_1^2 T_2^4 - 20 c_{34} T_1^2 T_2^4 - 13 c_{46} T_1^2 T_2^4 - 20 c_{49} T_1^2 T_2^4 - 13 c_{61} T_1^2 T_2^4 - \\
 &20 c_{64} T_1^2 T_2^4 - 68 c_{81} T_1^2 T_2^4 - 93 c_{82} T_1^2 T_2^4 - 40 c_{84} T_1^2 T_2^4 - 53 c_{85} T_1^2 T_2^4 - 38 a_2 b_3 T_1^3 T_2^4 + \\
 &54 a_4 b_3 T_1^3 T_2^4 + 40 a_2 b_5 T_1^3 T_2^4 - 54 a_4 b_5 T_1^3 T_2^4 + 22 c_{16} T_1^3 T_2^4 + 26 c_{19} T_1^3 T_2^4 + 22 c_{31} T_1^3 T_2^4 + \\
 &26 c_{34} T_1^3 T_2^4 + 22 c_{46} T_1^3 T_2^4 + 26 c_{49} T_1^3 T_2^4 + 22 c_{61} T_1^3 T_2^4 + 26 c_{64} T_1^3 T_2^4 + 104 c_{81} T_1^3 T_2^4 + \\
 &117 c_{82} T_1^3 T_2^4 + 64 c_{84} T_1^3 T_2^4 + 68 c_{85} T_1^3 T_2^4 + 52 a_2 b_3 T_1^4 T_2^4 - 80 a_4 b_3 T_1^4 T_2^4 - 52 a_2 b_5 T_1^4 T_2^4 + \\
 &72 a_4 b_5 T_1^4 T_2^4 - 30 c_{16} T_1^4 T_2^4 - 30 c_{19} T_1^4 T_2^4 - 30 c_{31} T_1^4 T_2^4 - 30 c_{34} T_1^4 T_2^4 - 30 c_{46} T_1^4 T_2^4 - \\
 &30 c_{49} T_1^4 T_2^4 - 30 c_{61} T_1^4 T_2^4 - 30 c_{64} T_1^4 T_2^4 - 145 c_{81} T_1^4 T_2^4 - 145 c_{82} T_1^4 T_2^4 - 81 c_{84} T_1^4 T_2^4 - \\
 &81 c_{85} T_1^4 T_2^4 - 64 a_2 b_3 T_1^5 T_2^4 + 104 a_4 b_3 T_1^5 T_2^4 + 64 a_2 b_5 T_1^5 T_2^4 - 90 a_4 b_5 T_1^5 T_2^4 + 39 c_{16} T_1^5 T_2^4 + \\
 &34 c_{19} T_1^5 T_2^4 + 39 c_{31} T_1^5 T_2^4 + 34 c_{34} T_1^5 T_2^4 + 39 c_{46} T_1^5 T_2^4 + 34 c_{49} T_1^5 T_2^4 + 39 c_{61} T_1^5 T_2^4 + 34 c_{64} T_1^5 T_2^4 + \\
 &181 c_{81} T_1^5 T_2^4 + 156 c_{82} T_1^5 T_2^4 + 100 c_{84} T_1^5 T_2^4 + 84 c_{85} T_1^5 T_2^4 + 72 a_2 b_3 T_1^6 T_2^4 - 126 a_4 b_3 T_1^6 T_2^4 - \\
 &70 a_2 b_5 T_1^6 T_2^4 + 105 a_4 b_5 T_1^6 T_2^4 - 49 c_{16} T_1^6 T_2^4 - 38 c_{19} T_1^6 T_2^4 - 49 c_{31} T_1^6 T_2^4 - 38 c_{34} T_1^6 T_2^4 - \\
 &49 c_{46} T_1^6 T_2^4 - 38 c_{49} T_1^6 T_2^4 - 49 c_{61} T_1^6 T_2^4 - 38 c_{64} T_1^6 T_2^4 - 158 c_{81} T_1^6 T_2^4 - 176 c_{82} T_1^6 T_2^4 - \\
 &58 c_{84} T_1^6 T_2^4 - 96 c_{85} T_1^6 T_2^4 - 66 a_2 b_3 T_1^7 T_2^4 + 133 a_4 b_3 T_1^7 T_2^4 + 59 a_2 b_5 T_1^7 T_2^4 - 99 a_4 b_5 T_1^7 T_2^4 + \\
 &51 c_{16} T_1^7 T_2^4 + 22 c_{19} T_1^7 T_2^4 + 51 c_{31} T_1^7 T_2^4 + 22 c_{34} T_1^7 T_2^4 + 51 c_{46} T_1^7 T_2^4 + 22 c_{49} T_1^7 T_2^4 + \\
 &51 c_{61} T_1^7 T_2^4 + 22 c_{64} T_1^7 T_2^4 + 79 c_{81} T_1^7 T_2^4 + 114 c_{82} T_1^7 T_2^4 + 21 c_{84} T_1^7 T_2^4 + 58 c_{85} T_1^7 T_2^4 + \\
 &52 a_2 b_3 T_1^8 T_2^4 - 117 a_4 b_3 T_1^8 T_2^4 - 51 a_2 b_5 T_1^8 T_2^4 + 73 a_4 b_5 T_1^8 T_2^4 - 41 c_{16} T_1^8 T_2^4 - 10 c_{19} T_1^8 T_2^4 - \\
 &41 c_{31} T_1^8 T_2^4 - 10 c_{34} T_1^8 T_2^4 - 41 c_{46} T_1^8 T_2^4 - 10 c_{49} T_1^8 T_2^4 - 41 c_{61} T_1^8 T_2^4 - 10 c_{64} T_1^8 T_2^4 - \\
 &43 c_{81} T_1^8 T_2^4 - 38 c_{82} T_1^8 T_2^4 - 22 c_{84} T_1^8 T_2^4 - 16 c_{85} T_1^8 T_2^4 - 38 a_2 b_3 T_1^9 T_2^4 + 106 a_4 b_3 T_1^9 T_2^4 + \\
 &42 a_2 b_5 T_1^9 T_2^4 - 74 a_4 b_5 T_1^9 T_2^4 + 28 c_{16} T_1^9 T_2^4 + 10 c_{19} T_1^9 T_2^4 + 28 c_{31} T_1^9 T_2^4 + 10 c_{34} T_1^9 T_2^4 + \\
 &28 c_{46} T_1^9 T_2^4 + 10 c_{49} T_1^9 T_2^4 + 28 c_{61} T_1^9 T_2^4 + 10 c_{64} T_1^9 T_2^4 + 19 c_{81} T_1^9 T_2^4 + 50 c_{82} T_1^9 T_2^4 - \\
 &3 c_{84} T_1^9 T_2^4 + 26 c_{85} T_1^9 T_2^4 + 18 a_2 b_3 T_1^{10} T_2^4 - 90 a_4 b_3 T_1^{10} T_2^4 - 24 a_2 b_5 T_1^{10} T_2^4 + 50 a_4 b_5 T_1^{10} T_2^4 - \\
 &12 c_{16} T_1^{10} T_2^4 - 2 c_{19} T_1^{10} T_2^4 - 12 c_{31} T_1^{10} T_2^4 - 2 c_{34} T_1^{10} T_2^4 - 12 c_{46} T_1^{10} T_2^4 - 2 c_{49} T_1^{10} T_2^4 - \\
 &12 c_{61} T_1^{10} T_2^4 - 2 c_{64} T_1^{10} T_2^4 + 25 c_{81} T_1^{10} T_2^4 - 22 c_{82} T_1^{10} T_2^4 + 22 c_{84} T_1^{10} T_2^4 - 8 c_{85} T_1^{10} T_2^4 + \\
 &60 a_4 b_3 T_1^{11} T_2^4 + 12 a_2 b_5 T_1^{11} T_2^4 - 32 a_4 b_5 T_1^{11} T_2^4 - 7 c_{16} T_1^{11} T_2^4 - 2 c_{19} T_1^{11} T_2^4 - 7 c_{31} T_1^{11} T_2^4 - \\
 &2 c_{34} T_1^{11} T_2^4 - 7 c_{46} T_1^{11} T_2^4 - 2 c_{49} T_1^{11} T_2^4 - 7 c_{61} T_1^{11} T_2^4 - 2 c_{64} T_1^{11} T_2^4 - 61 c_{81} T_1^{11} T_2^4 - \\
 &14 c_{82} T_1^{11} T_2^4 - 39 c_{84} T_1^{11} T_2^4 - 6 c_{85} T_1^{11} T_2^4 - 12 a_2 b_3 T_1^{12} T_2^4 - 36 a_4 b_3 T_1^{12} T_2^4 + 14 a_4 b_5 T_1^{12} T_2^4 + \\
 &27 c_{16} T_1^{12} T_2^4 + 6 c_{19} T_1^{12} T_2^4 + 27 c_{31} T_1^{12} T_2^4 + 6 c_{34} T_1^{12} T_2^4 + 27 c_{46} T_1^{12} T_2^4 + 6 c_{49} T_1^{12} T_2^4 + \\
 &27 c_{61} T_1^{12} T_2^4 + 6 c_{64} T_1^{12} T_2^4 + 97 c_{81} T_1^{12} T_2^4 + 16 c_{82} T_1^{12} T_2^4 + 58 c_{84} T_1^{12} T_2^4 + 20 a_2 b_3 T_1^{13} T_2^4 + \\
 &14 a_4 b_3 T_1^{13} T_2^4 - 6 a_2 b_5 T_1^{13} T_2^4 + a_4 b_5 T_1^{13} T_2^4 - 50 c_{16} T_1^{13} T_2^4 - 10 c_{19} T_1^{13} T_2^4 - 50 c_{31} T_1^{13} T_2^4 - \\
 &10 c_{34} T_1^{13} T_2^4 - 50 c_{46} T_1^{13} T_2^4 - 10 c_{49} T_1^{13} T_2^4 - 50 c_{61} T_1^{13} T_2^4 - 10 c_{64} T_1^{13} T_2^4 - 74 c_{81} T_1^{13} T_2^4 - \\
 &36 c_{82} T_1^{13} T_2^4 - 16 c_{84} T_1^{13} T_2^4 - 12 c_{85} T_1^{13} T_2^4 - 18 a_2 b_3 T_1^{14} T_2^4 - 4 a_4 b_3 T_1^{14} T_2^4 + 2 a_2 b_5 T_1^{14} T_2^4 + \\
 &4 c_{16} T_1^{14} T_2^4 + 4 c_{19} T_1^{14} T_2^4 + 4 c_{31} T_1^{14} T_2^4 + 4 c_{34} T_1^{14} T_2^4 + 4 c_{46} T_1^{14} T_2^4 + 4 c_{49} T_1^{14} T_2^4 + 4 c_{61} T_1^{14} T_2^4 + \\
 &4 c_{64} T_1^{14} T_2^4 + 11 c_{81} T_1^{14} T_2^4 + 15 c_{82} T_1^{14} T_2^4 - 5 c_{84} T_1^{14} T_2^4 - c_{85} T_1^{14} T_2^4 + 13 a_2 b_3 T_1^{15} T_2^4 + \\
 &6 a_4 b_3 T_1^{15} T_2^4 - 3 a_2 b_5 T_1^{15} T_2^4 - 7 a_4 b_5 T_1^{15} T_2^4 + 8 c_{16} T_1^{15} T_2^4 + 8 c_{31} T_1^{15} T_2^4 + 8 c_{46} T_1^{15} T_2^4 + \\
 &8 c_{61} T_1^{15} T_2^4 - 3 c_{81} T_1^{15} T_2^4 + 13 c_{82} T_1^{15} T_2^4 - 8 c_{84} T_1^{15} T_2^4 + 16 c_{85} T_1^{15} T_2^4 - 10 a_2 b_3 T_1^{16} T_2^4 + \\
 &4 a_2 b_5 T_1^{16} T_2^4 - 4 a_4 b_5 T_1^{16} T_2^4 + 2 c_{16} T_1^{16} T_2^4 + 2 c_{19} T_1^{16} T_2^4 + 2 c_{31} T_1^{16} T_2^4 + 2 c_{34} T_1^{16} T_2^4 + \\
 &2 c_{46} T_1^{16} T_2^4 + 2 c_{49} T_1^{16} T_2^4 + 2 c_{61} T_1^{16} T_2^4 + 2 c_{64} T_1^{16} T_2^4 + 3 c_{81} T_1^{16} T_2^4 + 3 c_{82} T_1^{16} T_2^4 - 5 c_{84} T_1^{16} T_2^4 - \\
 &5 c_{85} T_1^{16} T_2^4 + 4 a_2 b_3 T_1^{17} T_2^4 - 4 a_4 b_3 T_1^{17} T_2^4 + 12 c_{16} T_1^{17} T_2^4 + 12 c_{31} T_1^{17} T_2^4 + 12 c_{46} T_1^{17} T_2^4 + \\
 &12 c_{61} T_1^{17} T_2^4 + 5 c_{81} T_1^{17} T_2^4 + c_{82} T_1^{17} T_2^4 + 8 c_{85} T_1^{17} T_2^4 - 9 c_{82} T_1^{18} T_2^4 - 9 c_{85} T_1^{18} T_2^4 - 5 a_2 b_3 T_2^5 + \\
 &4 a_4 b_3 T_2^5 + 9 a_2 b_5 T_2^5 - 7 a_4 b_5 T_2^5 + 15 c_{19} T_2^5 + 15 c_{34} T_2^5 + 15 c_{49} T_2^5 + 15 c_{64} T_2^5 + 20 c_{81} T_2^5 + \\
 &61 c_{82} T_2^5 + 20 c_{84} T_2^5 + 36 c_{85} T_2^5 + 16 a_2 b_3 T_1 T_2^5 - 22 a_4 b_3 T_1 T_2^5 - 20 a_2 b_5 T_1 T_2^5 + \\
 &32 a_4 b_5 T_1 T_2^5 - 11 c_{16} T_1 T_2^5 - 25 c_{19} T_1 T_2^5 - 11 c_{31} T_1 T_2^5 - 25 c_{34} T_1 T_2^5 - 11 c_{46} T_1 T_2^5 - \\
 &25 c_{49} T_1 T_2^5 - 11 c_{61} T_1 T_2^5 - 25 c_{64} T_1 T_2^5 - 52 c_{81} T_1 T_2^5 - 121 c_{82} T_1 T_2^5 - 32 c_{84} T_1 T_2^5 - \\
 &69 c_{85} T_1 T_2^5 - 30 a_2 b_3 T_1^2 T_2^5 + 44 a_4 b_3 T_1^2 T_2^5 + 34 a_2 b_5 T_1^2 T_2^5 - 46 a_4 b_5 T_1^2 T_2^5 + 15 c_{16} T_1^2 T_2^5 + \\
 &27 c_{19} T_1^2 T_2^5 + 15 c_{31} T_1^2 T_2^5 + 27 c_{34} T_1^2 T_2^5 + 15 c_{46} T_1^2 T_2^5 + 27 c_{49} T_1^2 T_2^5 + 15 c_{61} T_1^2 T_2^5 + \\
 &27 c_{64} T_1^2 T_2^5 + 80 c_{81} T_1^2 T_2^5 + 121 c_{82} T_1^2 T_2^5 + 48 c_{84} T_1^2 T_2^5 + 68 c_{85} T_1^2 T_2^5 + 48 a_2 b_3 T_1^3 T_2^5 - \\
 &72 a_4 b_3 T_1^3 T_2^5 - 52 a_2 b_5 T_1^3 T_2^5 + 80 a_4 b_5 T_1^3 T_2^5 - 26 c_{16} T_1^3 T_2^5 - 35 c_{19} T_1^3 T_2^5 - 26 c_{31} T_1^3 T_2^5 - \\
 &35 c_{34} T_1^3 T_2^5 - 26 c_{46} T_1^3 T_2^5 - 35 c_{49} T_1^3 T_2^5 - 26 c_{61} T_1^3 T_2^5 - 35 c_{64} T_1^3 T_2^5 - 120 c_{81} T_1^3 T_2^5 - \\
 &157 c_{82} T_1^3 T_2^5 - 72 c_{84} T_1^3 T_2^5 - 89 c_{85} T_1^3 T_2^5 - 67 a_2 b_3 T_1^4 T_2^5 + 104 a_4 b_3 T_1^4 T_2^5 + 67 a_2 b_5 T_1^4 T_2^5 - \\
 &104 a_4 b_5 T_1^4 T_2^5 + 34 c_{16} T_1^4 T_2^5 + 39 c_{19} T_1^4 T_2^5 + 34 c_{31} T_1^4 T_2^5 + 39 c_{34} T_1^4 T_2^5 + 34 c_{46} T_1^4 T_2^5 +
 \end{aligned}$$

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$$\begin{aligned}
 & 39 c_{49} T_1^4 T_2^5 + 34 c_{61} T_1^4 T_2^5 + 39 c_{64} T_1^4 T_2^5 + 156 c_{81} T_1^4 T_2^5 + 181 c_{82} T_1^4 T_2^5 + 84 c_{84} T_1^4 T_2^5 + \\
 & 100 c_{85} T_1^4 T_2^5 + 88 a_2 b_3 T_1^5 T_2^5 - 131 a_4 b_3 T_1^5 T_2^5 - 85 a_2 b_5 T_1^5 T_2^5 + 131 a_4 b_5 T_1^5 T_2^5 - 45 c_{16} T_1^5 T_2^5 - \\
 & 45 c_{19} T_1^5 T_2^5 - 45 c_{31} T_1^5 T_2^5 - 45 c_{34} T_1^5 T_2^5 - 45 c_{46} T_1^5 T_2^5 - 45 c_{49} T_1^5 T_2^5 - 45 c_{61} T_1^5 T_2^5 - \\
 & 45 c_{64} T_1^5 T_2^5 - 193 c_{81} T_1^5 T_2^5 - 193 c_{82} T_1^5 T_2^5 - 109 c_{84} T_1^5 T_2^5 - 109 c_{85} T_1^5 T_2^5 - 106 a_2 b_3 T_1^6 T_2^5 + \\
 & 157 a_4 b_3 T_1^6 T_2^5 + 93 a_2 b_5 T_1^6 T_2^5 - 152 a_4 b_5 T_1^6 T_2^5 + 57 c_{16} T_1^6 T_2^5 + 51 c_{19} T_1^6 T_2^5 + 57 c_{31} T_1^6 T_2^5 + \\
 & 51 c_{34} T_1^6 T_2^5 + 57 c_{46} T_1^6 T_2^5 + 51 c_{49} T_1^6 T_2^5 + 57 c_{61} T_1^6 T_2^5 + 51 c_{64} T_1^6 T_2^5 + 168 c_{81} T_1^6 T_2^5 + \\
 & 228 c_{82} T_1^6 T_2^5 + 59 c_{84} T_1^6 T_2^5 + 132 c_{85} T_1^6 T_2^5 + 106 a_2 b_3 T_1^7 T_2^5 - 159 a_4 b_3 T_1^7 T_2^5 - 79 a_2 b_5 T_1^7 T_2^5 + \\
 & 140 a_4 b_5 T_1^7 T_2^5 - 59 c_{16} T_1^7 T_2^5 - 27 c_{19} T_1^7 T_2^5 - 59 c_{31} T_1^7 T_2^5 - 27 c_{34} T_1^7 T_2^5 - 59 c_{46} T_1^7 T_2^5 - \\
 & 27 c_{49} T_1^7 T_2^5 - 59 c_{61} T_1^7 T_2^5 - 27 c_{64} T_1^7 T_2^5 - 79 c_{81} T_1^7 T_2^5 - 130 c_{82} T_1^7 T_2^5 - 20 c_{84} T_1^7 T_2^5 - \\
 & 72 c_{85} T_1^7 T_2^5 - 98 a_2 b_3 T_1^8 T_2^5 + 131 a_4 b_3 T_1^8 T_2^5 + 71 a_2 b_5 T_1^8 T_2^5 - 108 a_4 b_5 T_1^8 T_2^5 + 47 c_{16} T_1^8 T_2^5 + \\
 & 13 c_{19} T_1^8 T_2^5 + 47 c_{31} T_1^8 T_2^5 + 13 c_{34} T_1^8 T_2^5 + 47 c_{46} T_1^8 T_2^5 + 13 c_{49} T_1^8 T_2^5 + 47 c_{61} T_1^8 T_2^5 + \\
 & 13 c_{64} T_1^8 T_2^5 + 47 c_{81} T_1^8 T_2^5 + 34 c_{82} T_1^8 T_2^5 + 27 c_{84} T_1^8 T_2^5 + 18 c_{85} T_1^8 T_2^5 + 90 a_2 b_3 T_1^9 T_2^5 - \\
 & 109 a_4 b_3 T_1^9 T_2^5 - 57 a_2 b_5 T_1^9 T_2^5 + 107 a_4 b_5 T_1^9 T_2^5 - 32 c_{16} T_1^9 T_2^5 - 15 c_{19} T_1^9 T_2^5 - 32 c_{31} T_1^9 T_2^5 - \\
 & 15 c_{34} T_1^9 T_2^5 - 32 c_{46} T_1^9 T_2^5 - 15 c_{49} T_1^9 T_2^5 - 32 c_{61} T_1^9 T_2^5 - 15 c_{64} T_1^9 T_2^5 - 27 c_{81} T_1^9 T_2^5 - \\
 & 58 c_{82} T_1^9 T_2^5 - 32 c_{85} T_1^9 T_2^5 - 76 a_2 b_3 T_1^{10} T_2^5 + 75 a_4 b_3 T_1^{10} T_2^5 + 37 a_2 b_5 T_1^{10} T_2^5 - 58 a_4 b_5 T_1^{10} T_2^5 + \\
 & 14 c_{16} T_1^{10} T_2^5 + 5 c_{19} T_1^{10} T_2^5 + 14 c_{31} T_1^{10} T_2^5 + 5 c_{34} T_1^{10} T_2^5 + 14 c_{46} T_1^{10} T_2^5 + 5 c_{49} T_1^{10} T_2^5 + \\
 & 14 c_{61} T_1^{10} T_2^5 + 5 c_{64} T_1^{10} T_2^5 - 13 c_{81} T_1^{10} T_2^5 + 10 c_{82} T_1^{10} T_2^5 - 13 c_{84} T_1^{10} T_2^5 + 2 c_{85} T_1^{10} T_2^5 + \\
 & 64 a_2 b_3 T_1^{11} T_2^5 - 37 a_4 b_3 T_1^{11} T_2^5 - 27 a_2 b_5 T_1^{11} T_2^5 + 39 a_4 b_5 T_1^{11} T_2^5 + 7 c_{16} T_1^{11} T_2^5 - 3 c_{19} T_1^{11} T_2^5 + \\
 & 7 c_{31} T_1^{11} T_2^5 - 3 c_{34} T_1^{11} T_2^5 + 7 c_{46} T_1^{11} T_2^5 - 3 c_{49} T_1^{11} T_2^5 + 7 c_{61} T_1^{11} T_2^5 - 3 c_{64} T_1^{11} T_2^5 + \\
 & 41 c_{81} T_1^{11} T_2^5 + 14 c_{82} T_1^{11} T_2^5 + 28 c_{84} T_1^{11} T_2^5 + 8 c_{85} T_1^{11} T_2^5 - 48 a_2 b_3 T_1^{12} T_2^5 + 15 a_4 b_3 T_1^{12} T_2^5 + \\
 & 9 a_2 b_5 T_1^{12} T_2^5 - 12 a_4 b_5 T_1^{12} T_2^5 - 31 c_{16} T_1^{12} T_2^5 - 3 c_{19} T_1^{12} T_2^5 - 31 c_{31} T_1^{12} T_2^5 - 3 c_{34} T_1^{12} T_2^5 - \\
 & 31 c_{46} T_1^{12} T_2^5 - 3 c_{49} T_1^{12} T_2^5 - 31 c_{61} T_1^{12} T_2^5 - 3 c_{64} T_1^{12} T_2^5 - 81 c_{81} T_1^{12} T_2^5 - 14 c_{82} T_1^{12} T_2^5 - \\
 & 53 c_{84} T_1^{12} T_2^5 - 14 c_{85} T_1^{12} T_2^5 + 30 a_2 b_3 T_1^{13} T_2^5 + 11 a_4 b_3 T_1^{13} T_2^5 - a_2 b_5 T_1^{13} T_2^5 - 9 a_4 b_5 T_1^{13} T_2^5 + \\
 & 60 c_{16} T_1^{13} T_2^5 + 9 c_{19} T_1^{13} T_2^5 + 60 c_{31} T_1^{13} T_2^5 + 9 c_{34} T_1^{13} T_2^5 + 60 c_{46} T_1^{13} T_2^5 + 9 c_{49} T_1^{13} T_2^5 + \\
 & 60 c_{61} T_1^{13} T_2^5 + 9 c_{64} T_1^{13} T_2^5 + 56 c_{81} T_1^{13} T_2^5 + 60 c_{82} T_1^{13} T_2^5 + 3 c_{84} T_1^{13} T_2^5 + 48 c_{85} T_1^{13} T_2^5 - \\
 & 25 a_2 b_3 T_1^{14} T_2^5 - 17 a_4 b_3 T_1^{14} T_2^5 + 6 a_2 b_5 T_1^{14} T_2^5 + 4 a_4 b_5 T_1^{14} T_2^5 - 4 c_{16} T_1^{14} T_2^5 - 4 c_{31} T_1^{14} T_2^5 - \\
 & 4 c_{46} T_1^{14} T_2^5 - 4 c_{61} T_1^{14} T_2^5 + 13 c_{81} T_1^{14} T_2^5 - 23 c_{82} T_1^{14} T_2^5 + 16 c_{84} T_1^{14} T_2^5 - 24 c_{85} T_1^{14} T_2^5 + \\
 & 22 a_2 b_3 T_1^{15} T_2^5 + 7 a_4 b_3 T_1^{15} T_2^5 - 3 a_2 b_5 T_1^{15} T_2^5 + 3 a_4 b_5 T_1^{15} T_2^5 - 4 c_{16} T_1^{15} T_2^5 - 4 c_{19} T_1^{15} T_2^5 - \\
 & 4 c_{31} T_1^{15} T_2^5 - 4 c_{34} T_1^{15} T_2^5 - 4 c_{46} T_1^{15} T_2^5 - 4 c_{49} T_1^{15} T_2^5 - 4 c_{61} T_1^{15} T_2^5 - 4 c_{64} T_1^{15} T_2^5 - \\
 & 13 c_{81} T_1^{15} T_2^5 - 13 c_{82} T_1^{15} T_2^5 + 3 c_{84} T_1^{15} T_2^5 + 3 c_{85} T_1^{15} T_2^5 - 16 a_2 b_3 T_1^{16} T_2^5 - 7 a_4 b_3 T_1^{16} T_2^5 + \\
 & 3 a_2 b_5 T_1^{16} T_2^5 + 10 a_4 b_5 T_1^{16} T_2^5 - 8 c_{16} T_1^{16} T_2^5 - 8 c_{31} T_1^{16} T_2^5 - 8 c_{46} T_1^{16} T_2^5 - 8 c_{61} T_1^{16} T_2^5 + \\
 & 5 c_{81} T_1^{16} T_2^5 - 11 c_{82} T_1^{16} T_2^5 + 8 c_{84} T_1^{16} T_2^5 - 16 c_{85} T_1^{16} T_2^5 + 12 a_2 b_3 T_1^{17} T_2^5 + a_4 b_3 T_1^{17} T_2^5 - \\
 & 5 a_2 b_5 T_1^{17} T_2^5 + 5 a_4 b_5 T_1^{17} T_2^5 - 2 c_{16} T_1^{17} T_2^5 - 2 c_{19} T_1^{17} T_2^5 - 2 c_{31} T_1^{17} T_2^5 - 2 c_{34} T_1^{17} T_2^5 - \\
 & 2 c_{46} T_1^{17} T_2^5 - 2 c_{49} T_1^{17} T_2^5 - 2 c_{61} T_1^{17} T_2^5 - 2 c_{64} T_1^{17} T_2^5 - 5 c_{81} T_1^{17} T_2^5 - c_{82} T_1^{17} T_2^5 + 3 c_{84} T_1^{17} T_2^5 + \\
 & 7 c_{85} T_1^{17} T_2^5 - 5 a_2 b_3 T_1^{18} T_2^5 + 5 a_4 b_3 T_1^{18} T_2^5 - 12 c_{16} T_1^{18} T_2^5 - 12 c_{31} T_1^{18} T_2^5 - 12 c_{46} T_1^{18} T_2^5 - \\
 & 12 c_{61} T_1^{18} T_2^5 - 3 c_{81} T_1^{18} T_2^5 + c_{82} T_1^{18} T_2^5 - 8 c_{85} T_1^{18} T_2^5 + 11 c_{82} T_1^{19} T_2^5 + 11 c_{85} T_1^{19} T_2^5 + \\
 & 6 a_2 b_3 T_2^6 - 5 a_4 b_3 T_2^6 - 11 a_2 b_5 T_2^6 + 9 a_4 b_5 T_2^6 - 21 c_{19} T_2^6 - 21 c_{34} T_2^6 - 21 c_{49} T_2^6 - 21 c_{64} T_2^6 - \\
 & 24 c_{81} T_2^6 - 78 c_{82} T_2^6 - 24 c_{84} T_2^6 - 42 c_{85} T_2^6 - 19 a_2 b_3 T_1 T_2^6 + 27 a_4 b_3 T_1 T_2^6 + 24 a_2 b_5 T_1 T_2^6 - \\
 & 40 a_4 b_5 T_1 T_2^6 + 13 c_{16} T_1 T_2^6 + 33 c_{19} T_1 T_2^6 + 13 c_{31} T_1 T_2^6 + 33 c_{34} T_1 T_2^6 + 13 c_{46} T_1 T_2^6 + \\
 & 33 c_{49} T_1 T_2^6 + 13 c_{61} T_1 T_2^6 + 33 c_{64} T_1 T_2^6 + 60 c_{81} T_1 T_2^6 + 136 c_{82} T_1 T_2^6 + 36 c_{84} T_1 T_2^6 + \\
 & 67 c_{85} T_1 T_2^6 + 36 a_2 b_3 T_1^2 T_2^6 - 54 a_4 b_3 T_1^2 T_2^6 - 42 a_2 b_5 T_1^2 T_2^6 + 58 a_4 b_5 T_1^2 T_2^6 - 17 c_{16} T_1^2 T_2^6 - \\
 & 35 c_{19} T_1^2 T_2^6 - 17 c_{31} T_1^2 T_2^6 - 35 c_{34} T_1^2 T_2^6 - 17 c_{46} T_1^2 T_2^6 - 35 c_{49} T_1^2 T_2^6 - 17 c_{61} T_1^2 T_2^6 - \\
 & 35 c_{64} T_1^2 T_2^6 - 92 c_{81} T_1^2 T_2^6 - 118 c_{82} T_1^2 T_2^6 - 56 c_{84} T_1^2 T_2^6 - 50 c_{85} T_1^2 T_2^6 - 58 a_2 b_3 T_1^3 T_2^6 + \\
 & 90 a_4 b_3 T_1^3 T_2^6 + 64 a_2 b_5 T_1^3 T_2^6 - 104 a_4 b_5 T_1^3 T_2^6 + 30 c_{16} T_1^3 T_2^6 + 45 c_{19} T_1^3 T_2^6 + 30 c_{31} T_1^3 T_2^6 + \\
 & 45 c_{34} T_1^3 T_2^6 + 30 c_{46} T_1^3 T_2^6 + 45 c_{49} T_1^3 T_2^6 + 30 c_{61} T_1^3 T_2^6 + 45 c_{64} T_1^3 T_2^6 + 136 c_{81} T_1^3 T_2^6 + \\
 & 152 c_{82} T_1^3 T_2^6 + 80 c_{84} T_1^3 T_2^6 + 63 c_{85} T_1^3 T_2^6 + 82 a_2 b_3 T_1^4 T_2^6 - 131 a_4 b_3 T_1^4 T_2^6 - 85 a_2 b_5 T_1^4 T_2^6 + \\
 & 131 a_4 b_5 T_1^4 T_2^6 - 38 c_{16} T_1^4 T_2^6 - 49 c_{19} T_1^4 T_2^6 - 38 c_{31} T_1^4 T_2^6 - 49 c_{34} T_1^4 T_2^6 - 38 c_{46} T_1^4 T_2^6 - \\
 & 49 c_{49} T_1^4 T_2^6 - 38 c_{61} T_1^4 T_2^6 - 49 c_{64} T_1^4 T_2^6 - 176 c_{81} T_1^4 T_2^6 - 158 c_{82} T_1^4 T_2^6 - 96 c_{84} T_1^4 T_2^6 - \\
 & 58 c_{85} T_1^4 T_2^6 - 109 a_2 b_3 T_1^5 T_2^6 + 173 a_4 b_3 T_1^5 T_2^6 + 112 a_2 b_5 T_1^5 T_2^6 - 173 a_4 b_5 T_1^5 T_2^6 + \\
 & 51 c_{16} T_1^5 T_2^6 + 57 c_{19} T_1^5 T_2^6 + 51 c_{31} T_1^5 T_2^6 + 57 c_{34} T_1^5 T_2^6 + 51 c_{46} T_1^5 T_2^6 + 57 c_{49} T_1^5 T_2^6 +
 \end{aligned}$$

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$$\begin{aligned}
 & 51 c_{61} T_1^5 T_2^6 + 57 c_{64} T_1^5 T_2^6 + 228 c_{81} T_1^5 T_2^6 + 168 c_{82} T_1^5 T_2^6 + 132 c_{84} T_1^5 T_2^6 + 59 c_{85} T_1^5 T_2^6 + \\
 & 127 a_2 b_3 T_1^6 T_2^6 - 218 a_4 b_3 T_1^6 T_2^6 - 121 a_2 b_5 T_1^6 T_2^6 + 202 a_4 b_5 T_1^6 T_2^6 - 63 c_{16} T_1^6 T_2^6 - \\
 & 63 c_{19} T_1^6 T_2^6 - 63 c_{31} T_1^6 T_2^6 - 63 c_{34} T_1^6 T_2^6 - 63 c_{46} T_1^6 T_2^6 - 63 c_{49} T_1^6 T_2^6 - 63 c_{61} T_1^6 T_2^6 - \\
 & 63 c_{64} T_1^6 T_2^6 - 198 c_{81} T_1^6 T_2^6 - 198 c_{82} T_1^6 T_2^6 - 66 c_{84} T_1^6 T_2^6 - 66 c_{85} T_1^6 T_2^6 - 118 a_2 b_3 T_1^7 T_2^6 + \\
 & 227 a_4 b_3 T_1^7 T_2^6 + 103 a_2 b_5 T_1^7 T_2^6 - 184 a_4 b_5 T_1^7 T_2^6 + 63 c_{16} T_1^7 T_2^6 + 27 c_{19} T_1^7 T_2^6 + 63 c_{31} T_1^7 T_2^6 + \\
 & 27 c_{34} T_1^7 T_2^6 + 63 c_{46} T_1^7 T_2^6 + 27 c_{49} T_1^7 T_2^6 + 63 c_{61} T_1^7 T_2^6 + 27 c_{64} T_1^7 T_2^6 + 83 c_{81} T_1^7 T_2^6 + \\
 & 36 c_{82} T_1^7 T_2^6 + 17 c_{84} T_1^7 T_2^6 - 36 c_{85} T_1^7 T_2^6 + 99 a_2 b_3 T_1^8 T_2^6 - 201 a_4 b_3 T_1^8 T_2^6 - 94 a_2 b_5 T_1^8 T_2^6 + \\
 & 148 a_4 b_5 T_1^8 T_2^6 - 47 c_{16} T_1^8 T_2^6 - 9 c_{19} T_1^8 T_2^6 - 47 c_{31} T_1^8 T_2^6 - 9 c_{34} T_1^8 T_2^6 - 47 c_{46} T_1^8 T_2^6 - \\
 & 9 c_{49} T_1^8 T_2^6 - 47 c_{61} T_1^8 T_2^6 - 9 c_{64} T_1^8 T_2^6 - 39 c_{81} T_1^8 T_2^6 + 80 c_{82} T_1^8 T_2^6 - 22 c_{84} T_1^8 T_2^6 + 98 c_{85} T_1^8 T_2^6 - \\
 & 78 a_2 b_3 T_1^9 T_2^6 + 184 a_4 b_3 T_1^9 T_2^6 + 74 a_2 b_5 T_1^9 T_2^6 - 145 a_4 b_5 T_1^9 T_2^6 + 28 c_{16} T_1^9 T_2^6 + 11 c_{19} T_1^9 T_2^6 + \\
 & 28 c_{31} T_1^9 T_2^6 + 11 c_{34} T_1^9 T_2^6 + 28 c_{46} T_1^9 T_2^6 + 11 c_{49} T_1^9 T_2^6 + 28 c_{61} T_1^9 T_2^6 + 11 c_{64} T_1^9 T_2^6 + \\
 & 7 c_{81} T_1^9 T_2^6 - 44 c_{82} T_1^9 T_2^6 - 15 c_{84} T_1^9 T_2^6 - 76 c_{85} T_1^9 T_2^6 + 49 a_2 b_3 T_1^{10} T_2^6 - 150 a_4 b_3 T_1^{10} T_2^6 - \\
 & 51 a_2 b_5 T_1^{10} T_2^6 + 80 a_4 b_5 T_1^{10} T_2^6 - 6 c_{16} T_1^{10} T_2^6 + 3 c_{19} T_1^{10} T_2^6 - 6 c_{31} T_1^{10} T_2^6 + 3 c_{34} T_1^{10} T_2^6 - \\
 & 6 c_{46} T_1^{10} T_2^6 + 3 c_{49} T_1^{10} T_2^6 - 6 c_{61} T_1^{10} T_2^6 + 3 c_{64} T_1^{10} T_2^6 + 45 c_{81} T_1^{10} T_2^6 + 112 c_{82} T_1^{10} T_2^6 + \\
 & 30 c_{84} T_1^{10} T_2^6 + 114 c_{85} T_1^{10} T_2^6 - 20 a_2 b_3 T_1^{11} T_2^6 + 115 a_4 b_3 T_1^{11} T_2^6 + 33 a_2 b_5 T_1^{11} T_2^6 - \\
 & 72 a_4 b_5 T_1^{11} T_2^6 - 19 c_{16} T_1^{11} T_2^6 - 5 c_{19} T_1^{11} T_2^6 - 19 c_{31} T_1^{11} T_2^6 - 5 c_{34} T_1^{11} T_2^6 - 19 c_{46} T_1^{11} T_2^6 - \\
 & 5 c_{49} T_1^{11} T_2^6 - 19 c_{61} T_1^{11} T_2^6 - 5 c_{64} T_1^{11} T_2^6 - 85 c_{81} T_1^{11} T_2^6 - 124 c_{82} T_1^{11} T_2^6 - 55 c_{84} T_1^{11} T_2^6 - \\
 & 116 c_{85} T_1^{11} T_2^6 - 15 a_2 b_3 T_1^{12} T_2^6 - 81 a_4 b_3 T_1^{12} T_2^6 + 24 a_4 b_5 T_1^{12} T_2^6 + 47 c_{16} T_1^{12} T_2^6 + \\
 & 15 c_{19} T_1^{12} T_2^6 + 47 c_{31} T_1^{12} T_2^6 + 15 c_{34} T_1^{12} T_2^6 + 47 c_{46} T_1^{12} T_2^6 + 15 c_{49} T_1^{12} T_2^6 + 47 c_{61} T_1^{12} T_2^6 + \\
 & 15 c_{64} T_1^{12} T_2^6 + 145 c_{81} T_1^{12} T_2^6 + 144 c_{82} T_1^{12} T_2^6 + 90 c_{84} T_1^{12} T_2^6 + 130 c_{85} T_1^{12} T_2^6 + 39 a_2 b_3 T_1^{13} T_2^6 + \\
 & 30 a_4 b_3 T_1^{13} T_2^6 - 9 a_2 b_5 T_1^{13} T_2^6 + 5 a_4 b_5 T_1^{13} T_2^6 - 78 c_{16} T_1^{13} T_2^6 - 21 c_{19} T_1^{13} T_2^6 - 78 c_{31} T_1^{13} T_2^6 - \\
 & 21 c_{34} T_1^{13} T_2^6 - 78 c_{46} T_1^{13} T_2^6 - 21 c_{49} T_1^{13} T_2^6 - 78 c_{61} T_1^{13} T_2^6 - 21 c_{64} T_1^{13} T_2^6 - 114 c_{81} T_1^{13} T_2^6 - \\
 & 204 c_{82} T_1^{13} T_2^6 - 24 c_{84} T_1^{13} T_2^6 - 156 c_{85} T_1^{13} T_2^6 - 36 a_2 b_3 T_1^{14} T_2^6 - 16 a_4 b_3 T_1^{14} T_2^6 + \\
 & 2 a_2 b_5 T_1^{14} T_2^6 + 4 a_4 b_5 T_1^{14} T_2^6 + 6 c_{16} T_1^{14} T_2^6 + 6 c_{19} T_1^{14} T_2^6 + 6 c_{31} T_1^{14} T_2^6 + 6 c_{34} T_1^{14} T_2^6 + \\
 & 6 c_{46} T_1^{14} T_2^6 + 6 c_{49} T_1^{14} T_2^6 + 6 c_{61} T_1^{14} T_2^6 + 6 c_{64} T_1^{14} T_2^6 + 23 c_{81} T_1^{14} T_2^6 + 114 c_{82} T_1^{14} T_2^6 - \\
 & c_{84} T_1^{14} T_2^6 + 90 c_{85} T_1^{14} T_2^6 + 30 a_2 b_3 T_1^{15} T_2^6 + 20 a_4 b_3 T_1^{15} T_2^6 - 6 a_2 b_5 T_1^{15} T_2^6 - 9 a_4 b_5 T_1^{15} T_2^6 + \\
 & 4 c_{16} T_1^{15} T_2^6 + 4 c_{19} T_1^{15} T_2^6 + 4 c_{31} T_1^{15} T_2^6 + 4 c_{34} T_1^{15} T_2^6 + 4 c_{46} T_1^{15} T_2^6 + 4 c_{49} T_1^{15} T_2^6 + \\
 & 4 c_{61} T_1^{15} T_2^6 + 4 c_{64} T_1^{15} T_2^6 - 15 c_{81} T_1^{15} T_2^6 - 56 c_{82} T_1^{15} T_2^6 - \\
 & 16 c_{84} T_1^{15} T_2^6 - 53 c_{85} T_1^{15} T_2^6 - 26 a_2 b_3 T_1^{16} T_2^6 - 10 a_4 b_3 T_1^{16} T_2^6 + 4 a_2 b_5 T_1^{16} T_2^6 - 6 a_4 b_5 T_1^{16} T_2^6 + \\
 & 4 c_{16} T_1^{16} T_2^6 + 4 c_{19} T_1^{16} T_2^6 + 4 c_{31} T_1^{16} T_2^6 + 4 c_{34} T_1^{16} T_2^6 + 4 c_{46} T_1^{16} T_2^6 + 4 c_{49} T_1^{16} T_2^6 + 4 c_{61} T_1^{16} T_2^6 + \\
 & 4 c_{64} T_1^{16} T_2^6 + 15 c_{81} T_1^{16} T_2^6 + 74 c_{82} T_1^{16} T_2^6 - c_{84} T_1^{16} T_2^6 + 58 c_{85} T_1^{16} T_2^6 + 19 a_2 b_3 T_1^{17} T_2^6 + \\
 & 8 a_4 b_3 T_1^{17} T_2^6 - 3 a_2 b_5 T_1^{17} T_2^6 - 13 a_4 b_5 T_1^{17} T_2^6 + 8 c_{16} T_1^{17} T_2^6 + 8 c_{31} T_1^{17} T_2^6 + 8 c_{46} T_1^{17} T_2^6 + \\
 & 8 c_{61} T_1^{17} T_2^6 - 7 c_{81} T_1^{17} T_2^6 - 40 c_{82} T_1^{17} T_2^6 - 8 c_{84} T_1^{17} T_2^6 - 33 c_{85} T_1^{17} T_2^6 - 14 a_2 b_3 T_1^{18} T_2^6 - \\
 & 2 a_4 b_3 T_1^{18} T_2^6 + 6 a_2 b_5 T_1^{18} T_2^6 - 6 a_4 b_5 T_1^{18} T_2^6 + 2 c_{16} T_1^{18} T_2^6 + 2 c_{19} T_1^{18} T_2^6 + 2 c_{31} T_1^{18} T_2^6 + \\
 & 2 c_{34} T_1^{18} T_2^6 + 2 c_{46} T_1^{18} T_2^6 + 2 c_{49} T_1^{18} T_2^6 + 2 c_{61} T_1^{18} T_2^6 + 2 c_{64} T_1^{18} T_2^6 + 7 c_{81} T_1^{18} T_2^6 + \\
 & 34 c_{82} T_1^{18} T_2^6 - c_{84} T_1^{18} T_2^6 + 26 c_{85} T_1^{18} T_2^6 + 6 a_2 b_3 T_1^{19} T_2^6 - 6 a_4 b_3 T_1^{19} T_2^6 + 12 c_{16} T_1^{19} T_2^6 + \\
 & 12 c_{31} T_1^{19} T_2^6 + 12 c_{46} T_1^{19} T_2^6 + 12 c_{61} T_1^{19} T_2^6 + c_{81} T_1^{19} T_2^6 - 24 c_{82} T_1^{19} T_2^6 - 13 c_{85} T_1^{19} T_2^6 - \\
 & 6 c_{84} T_1^{20} T_2^6 - 6 c_{85} T_1^{20} T_2^6 - 7 a_2 b_3 T_1^7 T_2^7 + 6 a_4 b_3 T_1^7 T_2^7 + 13 a_2 b_5 T_1^7 T_2^7 - 11 a_4 b_5 T_1^7 T_2^7 + 27 c_{19} T_1^7 T_2^7 + \\
 & 27 c_{34} T_1^7 T_2^7 + 27 c_{49} T_1^7 T_2^7 + 26 c_{61} T_1^7 T_2^7 + 83 c_{82} T_1^7 T_2^7 + 26 c_{84} T_1^7 T_2^7 + 41 c_{85} T_1^7 T_2^7 + 21 a_2 b_3 T_1 T_2^7 - \\
 & 32 a_4 b_3 T_1 T_2^7 - 27 a_2 b_5 T_1 T_2^7 + 48 a_4 b_5 T_1 T_2^7 - 13 c_{16} T_1 T_2^7 - 39 c_{19} T_1 T_2^7 - 13 c_{31} T_1 T_2^7 - \\
 & 39 c_{34} T_1 T_2^7 - 13 c_{46} T_1 T_2^7 - 39 c_{49} T_1 T_2^7 - 13 c_{61} T_1 T_2^7 - 39 c_{64} T_1 T_2^7 - 58 c_{81} T_1 T_2^7 - \\
 & 119 c_{82} T_1 T_2^7 - 32 c_{84} T_1 T_2^7 - 52 c_{85} T_1 T_2^7 - 38 a_2 b_3 T_1^2 T_2^7 + 63 a_4 b_3 T_1^2 T_2^7 + 47 a_2 b_5 T_1^2 T_2^7 - \\
 & 69 a_4 b_5 T_1^2 T_2^7 + 13 c_{16} T_1^2 T_2^7 + 39 c_{19} T_1^2 T_2^7 + 13 c_{31} T_1^2 T_2^7 + 39 c_{34} T_1^2 T_2^7 + 13 c_{46} T_1^2 T_2^7 + \\
 & 39 c_{49} T_1^2 T_2^7 + 13 c_{61} T_1^2 T_2^7 + 39 c_{64} T_1^2 T_2^7 + 78 c_{81} T_1^2 T_2^7 + 75 c_{82} T_1^2 T_2^7 + 46 c_{84} T_1^2 T_2^7 + \\
 & 25 c_{85} T_1^2 T_2^7 + 59 a_2 b_3 T_1^3 T_2^7 - 105 a_4 b_3 T_1^3 T_2^7 - 70 a_2 b_5 T_1^3 T_2^7 + 126 a_4 b_5 T_1^3 T_2^7 - 22 c_{16} T_1^3 T_2^7 - \\
 & 49 c_{19} T_1^3 T_2^7 - 22 c_{31} T_1^3 T_2^7 - 49 c_{34} T_1^3 T_2^7 - 22 c_{46} T_1^3 T_2^7 - 49 c_{49} T_1^3 T_2^7 - 22 c_{61} T_1^3 T_2^7 - \\
 & 49 c_{64} T_1^3 T_2^7 - 102 c_{81} T_1^3 T_2^7 - 99 c_{82} T_1^3 T_2^7 - 56 c_{84} T_1^3 T_2^7 - 36 c_{85} T_1^3 T_2^7 - 81 a_2 b_3 T_1^4 T_2^7 + \\
 & 152 a_4 b_3 T_1^4 T_2^7 + 93 a_2 b_5 T_1^4 T_2^7 - 157 a_4 b_5 T_1^4 T_2^7 + 22 c_{16} T_1^4 T_2^7 + 51 c_{19} T_1^4 T_2^7 + 22 c_{31} T_1^4 T_2^7 + \\
 & 51 c_{34} T_1^4 T_2^7 + 22 c_{46} T_1^4 T_2^7 + 51 c_{49} T_1^4 T_2^7 + 22 c_{61} T_1^4 T_2^7 + 51 c_{64} T_1^4 T_2^7 + 114 c_{81} T_1^4 T_2^7 + \\
 & 79 c_{82} T_1^4 T_2^7 + 58 c_{84} T_1^4 T_2^7 + 21 c_{85} T_1^4 T_2^7 + 105 a_2 b_3 T_1^5 T_2^7 - 202 a_4 b_3 T_1^5 T_2^7 - 121 a_2 b_5 T_1^5 T_2^7 + \\
 & 218 a_4 b_5 T_1^5 T_2^7 - 27 c_{16} T_1^5 T_2^7 - 59 c_{19} T_1^5 T_2^7 - 27 c_{31} T_1^5 T_2^7 - 59 c_{34} T_1^5 T_2^7 - 27 c_{46} T_1^5 T_2^7 -
 \end{aligned}$$

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$$\begin{aligned}
 &59 c_{49} T_1^5 T_2^7 - 27 c_{61} T_1^5 T_2^7 - 59 c_{64} T_1^5 T_2^7 - 130 c_{81} T_1^5 T_2^7 - 79 c_{82} T_1^5 T_2^7 - 72 c_{84} T_1^5 T_2^7 - \\
 &20 c_{85} T_1^5 T_2^7 - 115 a_2 b_3 T_1^6 T_2^7 + 248 a_4 b_3 T_1^6 T_2^7 + 121 a_2 b_5 T_1^6 T_2^7 - 248 a_4 b_5 T_1^6 T_2^7 + \\
 &27 c_{16} T_1^6 T_2^7 + 63 c_{19} T_1^6 T_2^7 + 27 c_{31} T_1^6 T_2^7 + 63 c_{34} T_1^6 T_2^7 + 27 c_{46} T_1^6 T_2^7 + 63 c_{49} T_1^6 T_2^7 + \\
 &27 c_{61} T_1^6 T_2^7 + 63 c_{64} T_1^6 T_2^7 + 36 c_{81} T_1^6 T_2^7 + 83 c_{82} T_1^6 T_2^7 - 36 c_{84} T_1^6 T_2^7 + 17 c_{85} T_1^6 T_2^7 + \\
 &94 a_2 b_3 T_1^7 T_2^7 - 239 a_4 b_3 T_1^7 T_2^7 - 91 a_2 b_5 T_1^7 T_2^7 + 218 a_4 b_5 T_1^7 T_2^7 - 15 c_{16} T_1^7 T_2^7 - 15 c_{19} T_1^7 T_2^7 - \\
 &15 c_{31} T_1^7 T_2^7 - 15 c_{34} T_1^7 T_2^7 - 15 c_{46} T_1^7 T_2^7 - 15 c_{49} T_1^7 T_2^7 - 15 c_{61} T_1^7 T_2^7 - 15 c_{64} T_1^7 T_2^7 + \\
 &134 c_{81} T_1^7 T_2^7 + 134 c_{82} T_1^7 T_2^7 + 98 c_{84} T_1^7 T_2^7 + 98 c_{85} T_1^7 T_2^7 - 65 a_2 b_3 T_1^8 T_2^7 + 190 a_4 b_3 T_1^8 T_2^7 + \\
 &73 a_2 b_5 T_1^8 T_2^7 - 173 a_4 b_5 T_1^8 T_2^7 - 10 c_{16} T_1^8 T_2^7 - 3 c_{19} T_1^8 T_2^7 - 10 c_{31} T_1^8 T_2^7 - 3 c_{34} T_1^8 T_2^7 - \\
 &10 c_{46} T_1^8 T_2^7 - 3 c_{49} T_1^8 T_2^7 - 10 c_{61} T_1^8 T_2^7 - 3 c_{64} T_1^8 T_2^7 - 190 c_{81} T_1^8 T_2^7 - 234 c_{82} T_1^8 T_2^7 - \\
 &92 c_{84} T_1^8 T_2^7 - 136 c_{85} T_1^8 T_2^7 + 34 a_2 b_3 T_1^9 T_2^7 - 151 a_4 b_3 T_1^9 T_2^7 - 39 a_2 b_5 T_1^9 T_2^7 + 162 a_4 b_5 T_1^9 T_2^7 + \\
 &31 c_{16} T_1^9 T_2^7 - 3 c_{19} T_1^9 T_2^7 + 31 c_{31} T_1^9 T_2^7 - 3 c_{34} T_1^9 T_2^7 + 31 c_{46} T_1^9 T_2^7 - 3 c_{49} T_1^9 T_2^7 + 31 c_{61} T_1^9 T_2^7 - \\
 &3 c_{64} T_1^9 T_2^7 + 222 c_{81} T_1^9 T_2^7 + 174 c_{82} T_1^9 T_2^7 + 130 c_{84} T_1^9 T_2^7 + 98 c_{85} T_1^9 T_2^7 + 5 a_2 b_3 T_1^{10} T_2^7 + \\
 &88 a_4 b_3 T_1^{10} T_2^7 + 5 a_2 b_5 T_1^{10} T_2^7 - 76 a_4 b_5 T_1^{10} T_2^7 - 48 c_{16} T_1^{10} T_2^7 - 11 c_{19} T_1^{10} T_2^7 - 48 c_{31} T_1^{10} T_2^7 - \\
 &11 c_{34} T_1^{10} T_2^7 - 48 c_{46} T_1^{10} T_2^7 - 11 c_{49} T_1^{10} T_2^7 - 48 c_{61} T_1^{10} T_2^7 - 11 c_{64} T_1^{10} T_2^7 - 262 c_{81} T_1^{10} T_2^7 - \\
 &250 c_{82} T_1^{10} T_2^7 - 132 c_{84} T_1^{10} T_2^7 - 136 c_{85} T_1^{10} T_2^7 - 44 a_2 b_3 T_1^{11} T_2^7 - 25 a_4 b_3 T_1^{11} T_2^7 + \\
 &29 a_2 b_5 T_1^{11} T_2^7 + 64 a_4 b_5 T_1^{11} T_2^7 + 61 c_{16} T_1^{11} T_2^7 + 9 c_{19} T_1^{11} T_2^7 + 61 c_{31} T_1^{11} T_2^7 + 9 c_{34} T_1^{11} T_2^7 + \\
 &61 c_{46} T_1^{11} T_2^7 + 9 c_{49} T_1^{11} T_2^7 + 61 c_{61} T_1^{11} T_2^7 + 9 c_{64} T_1^{11} T_2^7 + 278 c_{81} T_1^{11} T_2^7 + 238 c_{82} T_1^{11} T_2^7 + \\
 &146 c_{84} T_1^{11} T_2^7 + 122 c_{85} T_1^{11} T_2^7 + 89 a_2 b_3 T_1^{12} T_2^7 - 44 a_4 b_3 T_1^{12} T_2^7 - 75 a_2 b_5 T_1^{12} T_2^7 + \\
 &27 a_4 b_5 T_1^{12} T_2^7 - 70 c_{16} T_1^{12} T_2^7 - 19 c_{19} T_1^{12} T_2^7 - 70 c_{31} T_1^{12} T_2^7 - 19 c_{34} T_1^{12} T_2^7 - 70 c_{46} T_1^{12} T_2^7 - \\
 &19 c_{49} T_1^{12} T_2^7 - 70 c_{61} T_1^{12} T_2^7 - 19 c_{64} T_1^{12} T_2^7 - 302 c_{81} T_1^{12} T_2^7 - 266 c_{82} T_1^{12} T_2^7 - 156 c_{84} T_1^{12} T_2^7 - \\
 &136 c_{85} T_1^{12} T_2^7 - 111 a_2 b_3 T_1^{13} T_2^7 + 114 a_4 b_3 T_1^{13} T_2^7 + 75 a_2 b_5 T_1^{13} T_2^7 - 57 a_4 b_5 T_1^{13} T_2^7 + \\
 &75 c_{16} T_1^{13} T_2^7 + 21 c_{19} T_1^{13} T_2^7 + 75 c_{31} T_1^{13} T_2^7 + 21 c_{34} T_1^{13} T_2^7 + 75 c_{46} T_1^{13} T_2^7 + 21 c_{49} T_1^{13} T_2^7 + \\
 &75 c_{61} T_1^{13} T_2^7 + 21 c_{64} T_1^{13} T_2^7 + 204 c_{81} T_1^{13} T_2^7 + 302 c_{82} T_1^{13} T_2^7 + 48 c_{84} T_1^{13} T_2^7 + 146 c_{85} T_1^{13} T_2^7 + \\
 &97 a_2 b_3 T_1^{14} T_2^7 - 111 a_4 b_3 T_1^{14} T_2^7 - 58 a_2 b_5 T_1^{14} T_2^7 + 38 a_4 b_5 T_1^{14} T_2^7 + 27 c_{16} T_1^{14} T_2^7 + \\
 &27 c_{31} T_1^{14} T_2^7 + 27 c_{46} T_1^{14} T_2^7 + 27 c_{61} T_1^{14} T_2^7 - 60 c_{81} T_1^{14} T_2^7 - 145 c_{82} T_1^{14} T_2^7 - 12 c_{84} T_1^{14} T_2^7 - \\
 &55 c_{85} T_1^{14} T_2^7 - 82 a_2 b_3 T_1^{15} T_2^7 + 88 a_4 b_3 T_1^{15} T_2^7 + 54 a_2 b_5 T_1^{15} T_2^7 - 30 a_4 b_5 T_1^{15} T_2^7 - \\
 &37 c_{16} T_1^{15} T_2^7 - 6 c_{19} T_1^{15} T_2^7 - 37 c_{31} T_1^{15} T_2^7 - 6 c_{34} T_1^{15} T_2^7 - 37 c_{46} T_1^{15} T_2^7 - 6 c_{49} T_1^{15} T_2^7 - \\
 &37 c_{61} T_1^{15} T_2^7 - 6 c_{64} T_1^{15} T_2^7 + 36 c_{81} T_1^{15} T_2^7 + 81 c_{82} T_1^{15} T_2^7 + 24 c_{84} T_1^{15} T_2^7 + 28 c_{85} T_1^{15} T_2^7 + \\
 &68 a_2 b_3 T_1^{16} T_2^7 - 80 a_4 b_3 T_1^{16} T_2^7 - 40 a_2 b_5 T_1^{16} T_2^7 + 40 a_4 b_5 T_1^{16} T_2^7 + 28 c_{16} T_1^{16} T_2^7 + \\
 &28 c_{31} T_1^{16} T_2^7 + 28 c_{46} T_1^{16} T_2^7 + 28 c_{61} T_1^{16} T_2^7 - 24 c_{81} T_1^{16} T_2^7 - 97 c_{82} T_1^{16} T_2^7 - 39 c_{85} T_1^{16} T_2^7 - \\
 &50 a_2 b_3 T_1^{17} T_2^7 + 59 a_4 b_3 T_1^{17} T_2^7 + 29 a_2 b_5 T_1^{17} T_2^7 - 11 a_4 b_5 T_1^{17} T_2^7 - 34 c_{16} T_1^{17} T_2^7 - \\
 &4 c_{19} T_1^{17} T_2^7 - 34 c_{31} T_1^{17} T_2^7 - 4 c_{34} T_1^{17} T_2^7 - 34 c_{46} T_1^{17} T_2^7 - 4 c_{49} T_1^{17} T_2^7 - 34 c_{61} T_1^{17} T_2^7 - \\
 &4 c_{64} T_1^{17} T_2^7 + 8 c_{81} T_1^{17} T_2^7 + 45 c_{82} T_1^{17} T_2^7 + 8 c_{84} T_1^{17} T_2^7 + 12 c_{85} T_1^{17} T_2^7 + 33 a_2 b_3 T_1^{18} T_2^7 - \\
 &43 a_4 b_3 T_1^{18} T_2^7 - 18 a_2 b_5 T_1^{18} T_2^7 + 30 a_4 b_5 T_1^{18} T_2^7 + 17 c_{16} T_1^{18} T_2^7 + 17 c_{31} T_1^{18} T_2^7 + \\
 &17 c_{46} T_1^{18} T_2^7 + 17 c_{61} T_1^{18} T_2^7 - 4 c_{81} T_1^{18} T_2^7 - 37 c_{82} T_1^{18} T_2^7 + 4 c_{84} T_1^{18} T_2^7 - 11 c_{85} T_1^{18} T_2^7 - \\
 &12 a_2 b_3 T_1^{19} T_2^7 + 24 a_4 b_3 T_1^{19} T_2^7 - 19 c_{16} T_1^{19} T_2^7 - 2 c_{19} T_1^{19} T_2^7 - 19 c_{31} T_1^{19} T_2^7 - 2 c_{34} T_1^{19} T_2^7 - \\
 &19 c_{46} T_1^{19} T_2^7 - 2 c_{49} T_1^{19} T_2^7 - 19 c_{61} T_1^{19} T_2^7 - 2 c_{64} T_1^{19} T_2^7 - 4 c_{81} T_1^{19} T_2^7 + 9 c_{82} T_1^{19} T_2^7 - \\
 &4 c_{85} T_1^{19} T_2^7 - 6 c_{16} T_1^{20} T_2^7 - 6 c_{31} T_1^{20} T_2^7 - 6 c_{46} T_1^{20} T_2^7 - 6 c_{61} T_1^{20} T_2^7 + 23 c_{82} T_1^{20} T_2^7 + \\
 &17 c_{85} T_1^{20} T_2^7 + 6 a_2 b_3 T_2^8 - 7 a_4 b_3 T_2^8 - 13 a_2 b_5 T_2^8 + 13 a_4 b_5 T_2^8 - 31 c_{19} T_2^8 - 31 c_{34} T_2^8 - \\
 &31 c_{49} T_2^8 - 31 c_{64} T_2^8 - 24 c_{81} T_2^8 - 79 c_{82} T_2^8 - 24 c_{84} T_2^8 - 38 c_{85} T_2^8 - 15 a_2 b_3 T_1 T_2^8 + \\
 &34 a_4 b_3 T_1 T_2^8 + 23 a_2 b_5 T_1 T_2^8 - 53 a_4 b_5 T_1 T_2^8 + 11 c_{16} T_1 T_2^8 + 39 c_{19} T_1 T_2^8 + 11 c_{31} T_1 T_2^8 + \\
 &39 c_{34} T_1 T_2^8 + 11 c_{46} T_1 T_2^8 + 39 c_{49} T_1 T_2^8 + 11 c_{61} T_1 T_2^8 + 39 c_{64} T_1 T_2^8 + 42 c_{81} T_1 T_2^8 + \\
 &95 c_{82} T_1 T_2^8 + 18 c_{84} T_1 T_2^8 + 43 c_{85} T_1 T_2^8 + 25 a_2 b_3 T_1^2 T_2^8 - 61 a_4 b_3 T_1^2 T_2^8 - 40 a_2 b_5 T_1^2 T_2^8 + \\
 &71 a_4 b_5 T_1^2 T_2^8 - 7 c_{16} T_1^2 T_2^8 - 35 c_{19} T_1^2 T_2^8 - 7 c_{31} T_1^2 T_2^8 - 35 c_{34} T_1^2 T_2^8 - 7 c_{46} T_1^2 T_2^8 - \\
 &35 c_{49} T_1^2 T_2^8 - 7 c_{61} T_1^2 T_2^8 - 35 c_{64} T_1^2 T_2^8 - 42 c_{81} T_1^2 T_2^8 - 47 c_{82} T_1^2 T_2^8 - 24 c_{84} T_1^2 T_2^8 - \\
 &22 c_{85} T_1^2 T_2^8 - 40 a_2 b_3 T_1^3 T_2^8 + 99 a_4 b_3 T_1^3 T_2^8 + 59 a_2 b_5 T_1^3 T_2^8 - 133 a_4 b_5 T_1^3 T_2^8 + 14 c_{16} T_1^3 T_2^8 + \\
 &43 c_{19} T_1^3 T_2^8 + 14 c_{31} T_1^3 T_2^8 + 43 c_{34} T_1^3 T_2^8 + 14 c_{46} T_1^3 T_2^8 + 43 c_{49} T_1^3 T_2^8 + 14 c_{61} T_1^3 T_2^8 + \\
 &43 c_{64} T_1^3 T_2^8 + 46 c_{81} T_1^3 T_2^8 + 75 c_{82} T_1^3 T_2^8 + 22 c_{84} T_1^3 T_2^8 + 39 c_{85} T_1^3 T_2^8 + 57 a_2 b_3 T_1^4 T_2^8 - \\
 &140 a_4 b_3 T_1^4 T_2^8 - 79 a_2 b_5 T_1^4 T_2^8 + 159 a_4 b_5 T_1^4 T_2^8 - 10 c_{16} T_1^4 T_2^8 - 41 c_{19} T_1^4 T_2^8 - 10 c_{31} T_1^4 T_2^8 - \\
 &41 c_{34} T_1^4 T_2^8 - 10 c_{46} T_1^4 T_2^8 - 41 c_{49} T_1^4 T_2^8 - 10 c_{61} T_1^4 T_2^8 - 41 c_{64} T_1^4 T_2^8 - 38 c_{81} T_1^4 T_2^8 -
 \end{aligned}$$

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$$\begin{aligned}
 & 43 c_{82} T_1^4 T_2^8 - 16 c_{84} T_1^4 T_2^8 - 22 c_{85} T_1^4 T_2^8 - 77 a_2 b_3 T_1^5 T_2^8 + 184 a_4 b_3 T_1^5 T_2^8 + 103 a_2 b_5 T_1^5 T_2^8 - \\
 & 227 a_4 b_5 T_1^5 T_2^8 + 13 c_{16} T_1^5 T_2^8 + 47 c_{19} T_1^5 T_2^8 + 13 c_{31} T_1^5 T_2^8 + 47 c_{34} T_1^5 T_2^8 + 13 c_{46} T_1^5 T_2^8 + \\
 & 47 c_{49} T_1^5 T_2^8 + 13 c_{61} T_1^5 T_2^8 + 47 c_{64} T_1^5 T_2^8 + 34 c_{81} T_1^5 T_2^8 + 47 c_{82} T_1^5 T_2^8 + 18 c_{84} T_1^5 T_2^8 + \\
 & 27 c_{85} T_1^5 T_2^8 + 79 a_2 b_3 T_1^6 T_2^8 - 218 a_4 b_3 T_1^6 T_2^8 - 91 a_2 b_5 T_1^6 T_2^8 + 239 a_4 b_5 T_1^6 T_2^8 - 9 c_{16} T_1^6 T_2^8 - \\
 & 47 c_{19} T_1^6 T_2^8 - 9 c_{31} T_1^6 T_2^8 - 47 c_{34} T_1^6 T_2^8 - 9 c_{46} T_1^6 T_2^8 - 47 c_{49} T_1^6 T_2^8 - 9 c_{61} T_1^6 T_2^8 - \\
 & 47 c_{64} T_1^6 T_2^8 + 80 c_{81} T_1^6 T_2^8 - 39 c_{82} T_1^6 T_2^8 + 98 c_{84} T_1^6 T_2^8 - 22 c_{85} T_1^6 T_2^8 - 48 a_2 b_3 T_1^7 T_2^8 + \\
 & 185 a_4 b_3 T_1^7 T_2^8 + 51 a_2 b_5 T_1^7 T_2^8 - 185 a_4 b_5 T_1^7 T_2^8 - 3 c_{16} T_1^7 T_2^8 - 10 c_{19} T_1^7 T_2^8 - 3 c_{31} T_1^7 T_2^8 - \\
 & 10 c_{34} T_1^7 T_2^8 - 3 c_{46} T_1^7 T_2^8 - 10 c_{49} T_1^7 T_2^8 - 3 c_{61} T_1^7 T_2^8 - 10 c_{64} T_1^7 T_2^8 - 234 c_{81} T_1^7 T_2^8 - \\
 & 190 c_{82} T_1^7 T_2^8 - 136 c_{84} T_1^7 T_2^8 - 92 c_{85} T_1^7 T_2^8 + 15 a_2 b_3 T_1^8 T_2^8 - 116 a_4 b_3 T_1^8 T_2^8 - 29 a_2 b_5 T_1^8 T_2^8 + \\
 & 121 a_4 b_5 T_1^8 T_2^8 + 22 c_{16} T_1^8 T_2^8 + 22 c_{19} T_1^8 T_2^8 + 22 c_{31} T_1^8 T_2^8 + 22 c_{34} T_1^8 T_2^8 + 22 c_{46} T_1^8 T_2^8 + \\
 & 22 c_{49} T_1^8 T_2^8 + 22 c_{61} T_1^8 T_2^8 + 22 c_{64} T_1^8 T_2^8 + 250 c_{81} T_1^8 T_2^8 + 250 c_{82} T_1^8 T_2^8 + 114 c_{84} T_1^8 T_2^8 + \\
 & 114 c_{85} T_1^8 T_2^8 + 19 a_2 b_3 T_1^9 T_2^8 + 63 a_4 b_3 T_1^9 T_2^8 - 14 a_2 b_5 T_1^9 T_2^8 - 93 a_4 b_5 T_1^9 T_2^8 - 33 c_{16} T_1^9 T_2^8 - \\
 & 10 c_{19} T_1^9 T_2^8 - 33 c_{31} T_1^9 T_2^8 - 10 c_{34} T_1^9 T_2^8 - 33 c_{46} T_1^9 T_2^8 - 10 c_{49} T_1^9 T_2^8 - 33 c_{61} T_1^9 T_2^8 - \\
 & 10 c_{64} T_1^9 T_2^8 - 258 c_{81} T_1^9 T_2^8 - 182 c_{82} T_1^9 T_2^8 - 144 c_{84} T_1^9 T_2^8 - 84 c_{85} T_1^9 T_2^8 - 63 a_2 b_3 T_1^{10} T_2^8 + \\
 & 19 a_4 b_3 T_1^{10} T_2^8 + 54 a_2 b_5 T_1^{10} T_2^8 - 24 a_4 b_5 T_1^{10} T_2^8 + 40 c_{16} T_1^{10} T_2^8 + 22 c_{19} T_1^{10} T_2^8 + \\
 & 40 c_{31} T_1^{10} T_2^8 + 22 c_{34} T_1^{10} T_2^8 + 40 c_{46} T_1^{10} T_2^8 + 22 c_{49} T_1^{10} T_2^8 + 40 c_{61} T_1^{10} T_2^8 + 22 c_{64} T_1^{10} T_2^8 + \\
 & 274 c_{81} T_1^{10} T_2^8 + 266 c_{82} T_1^{10} T_2^8 + 130 c_{84} T_1^{10} T_2^8 + 130 c_{85} T_1^{10} T_2^8 + 109 a_2 b_3 T_1^{11} T_2^8 - \\
 & 98 a_4 b_3 T_1^{11} T_2^8 - 99 a_2 b_5 T_1^{11} T_2^8 + 49 a_4 b_5 T_1^{11} T_2^8 - 43 c_{16} T_1^{11} T_2^8 - 14 c_{19} T_1^{11} T_2^8 - 43 c_{31} T_1^{11} T_2^8 - \\
 & 14 c_{34} T_1^{11} T_2^8 - 43 c_{46} T_1^{11} T_2^8 - 14 c_{49} T_1^{11} T_2^8 - 43 c_{61} T_1^{11} T_2^8 - 14 c_{64} T_1^{11} T_2^8 - 266 c_{81} T_1^{11} T_2^8 - \\
 & 230 c_{82} T_1^{11} T_2^8 - 136 c_{84} T_1^{11} T_2^8 - 108 c_{85} T_1^{11} T_2^8 - 163 a_2 b_3 T_1^{12} T_2^8 + 188 a_4 b_3 T_1^{12} T_2^8 + \\
 & 153 a_2 b_5 T_1^{12} T_2^8 - 183 a_4 b_5 T_1^{12} T_2^8 + 42 c_{16} T_1^{12} T_2^8 + 22 c_{19} T_1^{12} T_2^8 + 42 c_{31} T_1^{12} T_2^8 + \\
 & 22 c_{34} T_1^{12} T_2^8 + 42 c_{46} T_1^{12} T_2^8 + 22 c_{49} T_1^{12} T_2^8 + 42 c_{61} T_1^{12} T_2^8 + 22 c_{64} T_1^{12} T_2^8 + 266 c_{81} T_1^{12} T_2^8 + \\
 & 266 c_{82} T_1^{12} T_2^8 + 130 c_{84} T_1^{12} T_2^8 + 130 c_{85} T_1^{12} T_2^8 + 183 a_2 b_3 T_1^{13} T_2^8 - 264 a_4 b_3 T_1^{13} T_2^8 - \\
 & 141 a_2 b_5 T_1^{13} T_2^8 + 195 a_4 b_5 T_1^{13} T_2^8 - 37 c_{16} T_1^{13} T_2^8 - 18 c_{19} T_1^{13} T_2^8 - 37 c_{31} T_1^{13} T_2^8 - \\
 & 18 c_{34} T_1^{13} T_2^8 - 37 c_{46} T_1^{13} T_2^8 - 18 c_{49} T_1^{13} T_2^8 - 37 c_{61} T_1^{13} T_2^8 - 18 c_{64} T_1^{13} T_2^8 - 144 c_{81} T_1^{13} T_2^8 - \\
 & 278 c_{82} T_1^{13} T_2^8 - 14 c_{84} T_1^{13} T_2^8 - 132 c_{85} T_1^{13} T_2^8 - 158 a_2 b_3 T_1^{14} T_2^8 + 238 a_4 b_3 T_1^{14} T_2^8 + \\
 & 114 a_2 b_5 T_1^{14} T_2^8 - 154 a_4 b_5 T_1^{14} T_2^8 - 57 c_{16} T_1^{14} T_2^8 - 7 c_{19} T_1^{14} T_2^8 - 57 c_{31} T_1^{14} T_2^8 - 7 c_{34} T_1^{14} T_2^8 - \\
 & 57 c_{46} T_1^{14} T_2^8 - 7 c_{49} T_1^{14} T_2^8 - 57 c_{61} T_1^{14} T_2^8 - 7 c_{64} T_1^{14} T_2^8 + 14 c_{81} T_1^{14} T_2^8 + 85 c_{82} T_1^{14} T_2^8 + \\
 & 30 c_{85} T_1^{14} T_2^8 + 134 a_2 b_3 T_1^{15} T_2^8 - 196 a_4 b_3 T_1^{15} T_2^8 - 102 a_2 b_5 T_1^{15} T_2^8 + 130 a_4 b_5 T_1^{15} T_2^8 + \\
 & 39 c_{16} T_1^{15} T_2^8 + 11 c_{19} T_1^{15} T_2^8 + 39 c_{31} T_1^{15} T_2^8 + 11 c_{34} T_1^{15} T_2^8 + 39 c_{46} T_1^{15} T_2^8 + 11 c_{49} T_1^{15} T_2^8 + \\
 & 39 c_{61} T_1^{15} T_2^8 + 11 c_{64} T_1^{15} T_2^8 - 16 c_{81} T_1^{15} T_2^8 - 41 c_{82} T_1^{15} T_2^8 - 16 c_{84} T_1^{15} T_2^8 - 13 c_{85} T_1^{15} T_2^8 - \\
 & 110 a_2 b_3 T_1^{16} T_2^8 + 170 a_4 b_3 T_1^{16} T_2^8 + 76 a_2 b_5 T_1^{16} T_2^8 - 120 a_4 b_5 T_1^{16} T_2^8 - 28 c_{16} T_1^{16} T_2^8 - \\
 & 3 c_{19} T_1^{16} T_2^8 - 28 c_{31} T_1^{16} T_2^8 - 3 c_{34} T_1^{16} T_2^8 - 28 c_{46} T_1^{16} T_2^8 - 3 c_{49} T_1^{16} T_2^8 - 28 c_{61} T_1^{16} T_2^8 - \\
 & 3 c_{64} T_1^{16} T_2^8 + 8 c_{81} T_1^{16} T_2^8 + 61 c_{82} T_1^{16} T_2^8 - 8 c_{84} T_1^{16} T_2^8 + 22 c_{85} T_1^{16} T_2^8 + 81 a_2 b_3 T_1^{17} T_2^8 - \\
 & 126 a_4 b_3 T_1^{17} T_2^8 - 55 a_2 b_5 T_1^{17} T_2^8 + 65 a_4 b_5 T_1^{17} T_2^8 + 30 c_{16} T_1^{17} T_2^8 + 7 c_{19} T_1^{17} T_2^8 + \\
 & 30 c_{31} T_1^{17} T_2^8 + 7 c_{34} T_1^{17} T_2^8 + 30 c_{46} T_1^{17} T_2^8 + 7 c_{49} T_1^{17} T_2^8 + 30 c_{61} T_1^{17} T_2^8 + 7 c_{64} T_1^{17} T_2^8 + \\
 & 4 c_{81} T_1^{17} T_2^8 - 5 c_{82} T_1^{17} T_2^8 - 4 c_{84} T_1^{17} T_2^8 + 7 c_{85} T_1^{17} T_2^8 - 52 a_2 b_3 T_1^{18} T_2^8 + 88 a_4 b_3 T_1^{18} T_2^8 + \\
 & 30 a_2 b_5 T_1^{18} T_2^8 - 66 a_4 b_5 T_1^{18} T_2^8 - 11 c_{16} T_1^{18} T_2^8 - c_{19} T_1^{18} T_2^8 - 11 c_{31} T_1^{18} T_2^8 - c_{34} T_1^{18} T_2^8 - \\
 & 11 c_{46} T_1^{18} T_2^8 - c_{49} T_1^{18} T_2^8 - 11 c_{61} T_1^{18} T_2^8 - c_{64} T_1^{18} T_2^8 - 4 c_{81} T_1^{18} T_2^8 + 9 c_{82} T_1^{18} T_2^8 - 8 c_{84} T_1^{18} T_2^8 - \\
 & 2 c_{85} T_1^{18} T_2^8 + 18 a_2 b_3 T_1^{19} T_2^8 - 42 a_4 b_3 T_1^{19} T_2^8 + 9 c_{16} T_1^{19} T_2^8 + 3 c_{19} T_1^{19} T_2^8 + 9 c_{31} T_1^{19} T_2^8 + \\
 & 3 c_{34} T_1^{19} T_2^8 + 9 c_{46} T_1^{19} T_2^8 + 3 c_{49} T_1^{19} T_2^8 + 9 c_{61} T_1^{19} T_2^8 + 3 c_{64} T_1^{19} T_2^8 + 8 c_{81} T_1^{19} T_2^8 + \\
 & 23 c_{82} T_1^{19} T_2^8 + 19 c_{85} T_1^{19} T_2^8 + 18 c_{16} T_1^{20} T_2^8 + c_{19} T_1^{20} T_2^8 + 18 c_{31} T_1^{20} T_2^8 + c_{34} T_1^{20} T_2^8 + \\
 & 18 c_{46} T_1^{20} T_2^8 + c_{49} T_1^{20} T_2^8 + 18 c_{61} T_1^{20} T_2^8 + c_{64} T_1^{20} T_2^8 - 43 c_{82} T_1^{20} T_2^8 - 26 c_{85} T_1^{20} T_2^8 - \\
 & 5 a_2 b_3 T_2^9 + 6 a_4 b_3 T_2^9 + 11 a_2 b_5 T_2^9 - 13 a_4 b_5 T_2^9 + 32 c_{19} T_2^9 + 32 c_{34} T_2^9 + 32 c_{49} T_2^9 + \\
 & 32 c_{64} T_2^9 + 20 c_{81} T_2^9 + 71 c_{82} T_2^9 + 20 c_{84} T_2^9 + 33 c_{85} T_2^9 + 12 a_2 b_3 T_1 T_2^9 - 26 a_4 b_3 T_1 T_2^9 - \\
 & 16 a_2 b_5 T_1 T_2^9 + 47 a_4 b_5 T_1 T_2^9 - 9 c_{16} T_1 T_2^9 - 34 c_{19} T_1 T_2^9 - 9 c_{31} T_1 T_2^9 - 34 c_{34} T_1 T_2^9 - \\
 & 9 c_{46} T_1 T_2^9 - 34 c_{49} T_1 T_2^9 - 9 c_{61} T_1 T_2^9 - 34 c_{64} T_1 T_2^9 - 28 c_{81} T_1 T_2^9 - 75 c_{82} T_1 T_2^9 - \\
 & 8 c_{84} T_1 T_2^9 - 32 c_{85} T_1 T_2^9 - 24 a_2 b_3 T_1^2 T_2^9 + 41 a_4 b_3 T_1^2 T_2^9 + 33 a_2 b_5 T_1^2 T_2^9 - 55 a_4 b_5 T_1^2 T_2^9 + \\
 & 5 c_{16} T_1^2 T_2^9 + 28 c_{19} T_1^2 T_2^9 + 5 c_{31} T_1^2 T_2^9 + 28 c_{34} T_1^2 T_2^9 + 5 c_{46} T_1^2 T_2^9 + 28 c_{49} T_1^2 T_2^9 + 5 c_{61} T_1^2 T_2^9 + \\
 & 28 c_{64} T_1^2 T_2^9 + 30 c_{81} T_1^2 T_2^9 + 35 c_{82} T_1^2 T_2^9 + 22 c_{84} T_1^2 T_2^9 + 13 c_{85} T_1^2 T_2^9 + 44 a_2 b_3 T_1^3 T_2^9 -
 \end{aligned}$$

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$$\begin{aligned}
 &73 a_4 b_3 T_1^3 T_2^9 - 51 a_2 b_5 T_1^3 T_2^9 + 117 a_4 b_5 T_1^3 T_2^9 - 14 c_{16} T_1^3 T_2^9 - 34 c_{19} T_1^3 T_2^9 - 14 c_{31} T_1^3 T_2^9 - \\
 &34 c_{34} T_1^3 T_2^9 - 14 c_{46} T_1^3 T_2^9 - 34 c_{49} T_1^3 T_2^9 - 14 c_{61} T_1^3 T_2^9 - 34 c_{64} T_1^3 T_2^9 - 46 c_{81} T_1^3 T_2^9 - \\
 &63 c_{82} T_1^3 T_2^9 - 24 c_{84} T_1^3 T_2^9 - 24 c_{85} T_1^3 T_2^9 - 65 a_2 b_3 T_1^4 T_2^9 + 108 a_4 b_3 T_1^4 T_2^9 + 71 a_2 b_5 T_1^4 T_2^9 - \\
 &131 a_4 b_5 T_1^4 T_2^9 + 10 c_{16} T_1^4 T_2^9 + 28 c_{19} T_1^4 T_2^9 + 10 c_{31} T_1^4 T_2^9 + 28 c_{34} T_1^4 T_2^9 + 10 c_{46} T_1^4 T_2^9 + \\
 &28 c_{49} T_1^4 T_2^9 + 10 c_{61} T_1^4 T_2^9 + 28 c_{64} T_1^4 T_2^9 + 50 c_{81} T_1^4 T_2^9 + 19 c_{82} T_1^4 T_2^9 + 26 c_{84} T_1^4 T_2^9 - \\
 &3 c_{85} T_1^4 T_2^9 + 88 a_2 b_3 T_1^5 T_2^9 - 148 a_4 b_3 T_1^5 T_2^9 - 94 a_2 b_5 T_1^5 T_2^9 + 201 a_4 b_5 T_1^5 T_2^9 - \\
 &15 c_{16} T_1^5 T_2^9 - 32 c_{19} T_1^5 T_2^9 - 15 c_{31} T_1^5 T_2^9 - 32 c_{34} T_1^5 T_2^9 - 15 c_{46} T_1^5 T_2^9 - 32 c_{49} T_1^5 T_2^9 - \\
 &15 c_{61} T_1^5 T_2^9 - 32 c_{64} T_1^5 T_2^9 - 58 c_{81} T_1^5 T_2^9 - 27 c_{82} T_1^5 T_2^9 - 32 c_{84} T_1^5 T_2^9 - 88 a_2 b_3 T_1^6 T_2^9 + \\
 &173 a_4 b_3 T_1^6 T_2^9 + 73 a_2 b_5 T_1^6 T_2^9 - 190 a_4 b_5 T_1^6 T_2^9 + 11 c_{16} T_1^6 T_2^9 + 28 c_{19} T_1^6 T_2^9 + 11 c_{31} T_1^6 T_2^9 + \\
 &28 c_{34} T_1^6 T_2^9 + 11 c_{46} T_1^6 T_2^9 + 28 c_{49} T_1^6 T_2^9 + 11 c_{61} T_1^6 T_2^9 + 28 c_{64} T_1^6 T_2^9 - 44 c_{81} T_1^6 T_2^9 + \\
 &7 c_{82} T_1^6 T_2^9 - 76 c_{84} T_1^6 T_2^9 - 15 c_{85} T_1^6 T_2^9 + 54 a_2 b_3 T_1^7 T_2^9 - 121 a_4 b_3 T_1^7 T_2^9 - 29 a_2 b_5 T_1^7 T_2^9 + \\
 &116 a_4 b_5 T_1^7 T_2^9 - 3 c_{16} T_1^7 T_2^9 + 31 c_{19} T_1^7 T_2^9 - 3 c_{31} T_1^7 T_2^9 + 31 c_{34} T_1^7 T_2^9 - 3 c_{46} T_1^7 T_2^9 + \\
 &31 c_{49} T_1^7 T_2^9 - 3 c_{61} T_1^7 T_2^9 + 31 c_{64} T_1^7 T_2^9 + 174 c_{81} T_1^7 T_2^9 + 222 c_{82} T_1^7 T_2^9 + 98 c_{84} T_1^7 T_2^9 + \\
 &130 c_{85} T_1^7 T_2^9 - 20 a_2 b_3 T_1^8 T_2^9 + 44 a_4 b_3 T_1^8 T_2^9 + 6 a_2 b_5 T_1^8 T_2^9 - 44 a_4 b_5 T_1^8 T_2^9 - 10 c_{16} T_1^8 T_2^9 - \\
 &33 c_{19} T_1^8 T_2^9 - 10 c_{31} T_1^8 T_2^9 - 33 c_{34} T_1^8 T_2^9 - 10 c_{46} T_1^8 T_2^9 - 33 c_{49} T_1^8 T_2^9 - 10 c_{61} T_1^8 T_2^9 - \\
 &33 c_{64} T_1^8 T_2^9 - 182 c_{81} T_1^8 T_2^9 - 258 c_{82} T_1^8 T_2^9 - 84 c_{84} T_1^8 T_2^9 - 144 c_{85} T_1^8 T_2^9 - 24 a_2 b_3 T_1^9 T_2^9 + \\
 &13 a_4 b_3 T_1^9 T_2^9 + 49 a_2 b_5 T_1^9 T_2^9 + 6 a_4 b_5 T_1^9 T_2^9 + 19 c_{16} T_1^9 T_2^9 + 19 c_{19} T_1^9 T_2^9 + 19 c_{31} T_1^9 T_2^9 + \\
 &19 c_{34} T_1^9 T_2^9 + 19 c_{46} T_1^9 T_2^9 + 19 c_{49} T_1^9 T_2^9 + 19 c_{61} T_1^9 T_2^9 + 19 c_{64} T_1^9 T_2^9 + 206 c_{81} T_1^9 T_2^9 + \\
 &206 c_{82} T_1^9 T_2^9 + 122 c_{84} T_1^9 T_2^9 + 122 c_{85} T_1^9 T_2^9 + 84 a_2 b_3 T_1^{10} T_2^9 - 112 a_4 b_3 T_1^{10} T_2^9 - \\
 &98 a_2 b_5 T_1^{10} T_2^9 + 137 a_4 b_5 T_1^{10} T_2^9 - 28 c_{16} T_1^{10} T_2^9 - 29 c_{19} T_1^{10} T_2^9 - 28 c_{31} T_1^{10} T_2^9 - \\
 &29 c_{34} T_1^{10} T_2^9 - 28 c_{46} T_1^{10} T_2^9 - 29 c_{49} T_1^{10} T_2^9 - 28 c_{61} T_1^{10} T_2^9 - 29 c_{64} T_1^{10} T_2^9 - 230 c_{81} T_1^{10} T_2^9 - \\
 &290 c_{82} T_1^{10} T_2^9 - 108 c_{84} T_1^{10} T_2^9 - 160 c_{85} T_1^{10} T_2^9 - 146 a_2 b_3 T_1^{11} T_2^9 + 207 a_4 b_3 T_1^{11} T_2^9 + \\
 &157 a_2 b_5 T_1^{11} T_2^9 - 168 a_4 b_5 T_1^{11} T_2^9 + 33 c_{16} T_1^{11} T_2^9 + 15 c_{19} T_1^{11} T_2^9 + 33 c_{31} T_1^{11} T_2^9 + \\
 &15 c_{34} T_1^{11} T_2^9 + 33 c_{46} T_1^{11} T_2^9 + 15 c_{49} T_1^{11} T_2^9 + 33 c_{61} T_1^{11} T_2^9 + 15 c_{64} T_1^{11} T_2^9 + 230 c_{81} T_1^{11} T_2^9 + \\
 &230 c_{82} T_1^{11} T_2^9 + 122 c_{84} T_1^{11} T_2^9 + 122 c_{85} T_1^{11} T_2^9 + 216 a_2 b_3 T_1^{12} T_2^9 - 320 a_4 b_3 T_1^{12} T_2^9 - \\
 &222 a_2 b_5 T_1^{12} T_2^9 + 340 a_4 b_5 T_1^{12} T_2^9 - 34 c_{16} T_1^{12} T_2^9 - 21 c_{19} T_1^{12} T_2^9 - 34 c_{31} T_1^{12} T_2^9 - \\
 &21 c_{34} T_1^{12} T_2^9 - 34 c_{46} T_1^{12} T_2^9 - 21 c_{49} T_1^{12} T_2^9 - 34 c_{61} T_1^{12} T_2^9 - 21 c_{64} T_1^{12} T_2^9 - 238 c_{81} T_1^{12} T_2^9 - \\
 &274 c_{82} T_1^{12} T_2^9 - 116 c_{84} T_1^{12} T_2^9 - 144 c_{85} T_1^{12} T_2^9 - 240 a_2 b_3 T_1^{13} T_2^9 + 405 a_4 b_3 T_1^{13} T_2^9 + \\
 &201 a_2 b_5 T_1^{13} T_2^9 - 329 a_4 b_5 T_1^{13} T_2^9 + 31 c_{16} T_1^{13} T_2^9 + 11 c_{19} T_1^{13} T_2^9 + 31 c_{31} T_1^{13} T_2^9 + 11 c_{34} T_1^{13} T_2^9 + \\
 &31 c_{46} T_1^{13} T_2^9 + 11 c_{49} T_1^{13} T_2^9 + 31 c_{61} T_1^{13} T_2^9 + 11 c_{64} T_1^{13} T_2^9 + 124 c_{81} T_1^{13} T_2^9 + 262 c_{82} T_1^{13} T_2^9 + \\
 &8 c_{84} T_1^{13} T_2^9 + 130 c_{85} T_1^{13} T_2^9 + 211 a_2 b_3 T_1^{14} T_2^9 - 359 a_4 b_3 T_1^{14} T_2^9 - 168 a_2 b_5 T_1^{14} T_2^9 + \\
 &268 a_4 b_5 T_1^{14} T_2^9 + 43 c_{16} T_1^{14} T_2^9 + 13 c_{19} T_1^{14} T_2^9 + 43 c_{31} T_1^{14} T_2^9 + 13 c_{34} T_1^{14} T_2^9 + 43 c_{46} T_1^{14} T_2^9 + \\
 &13 c_{49} T_1^{14} T_2^9 + 43 c_{61} T_1^{14} T_2^9 + 13 c_{64} T_1^{14} T_2^9 - 14 c_{81} T_1^{14} T_2^9 - 45 c_{82} T_1^{14} T_2^9 - 6 c_{84} T_1^{14} T_2^9 - \\
 &15 c_{85} T_1^{14} T_2^9 - 184 a_2 b_3 T_1^{15} T_2^9 + 302 a_4 b_3 T_1^{15} T_2^9 + 150 a_2 b_5 T_1^{15} T_2^9 - 230 a_4 b_5 T_1^{15} T_2^9 - \\
 &17 c_{16} T_1^{15} T_2^9 - 13 c_{19} T_1^{15} T_2^9 - 17 c_{31} T_1^{15} T_2^9 - 13 c_{34} T_1^{15} T_2^9 - 17 c_{46} T_1^{15} T_2^9 - 13 c_{49} T_1^{15} T_2^9 - \\
 &17 c_{61} T_1^{15} T_2^9 - 13 c_{64} T_1^{15} T_2^9 + 14 c_{81} T_1^{15} T_2^9 + 13 c_{82} T_1^{15} T_2^9 + 8 c_{84} T_1^{15} T_2^9 + 152 a_2 b_3 T_1^{16} T_2^9 - \\
 &260 a_4 b_3 T_1^{16} T_2^9 - 112 a_2 b_5 T_1^{16} T_2^9 + 200 a_4 b_5 T_1^{16} T_2^9 + 28 c_{16} T_1^{16} T_2^9 + 5 c_{19} T_1^{16} T_2^9 + \\
 &28 c_{31} T_1^{16} T_2^9 + 5 c_{34} T_1^{16} T_2^9 + 28 c_{46} T_1^{16} T_2^9 + 5 c_{49} T_1^{16} T_2^9 + 28 c_{61} T_1^{16} T_2^9 + 5 c_{64} T_1^{16} T_2^9 + \\
 &8 c_{81} T_1^{16} T_2^9 - 25 c_{82} T_1^{16} T_2^9 + 16 c_{84} T_1^{16} T_2^9 - 3 c_{85} T_1^{16} T_2^9 - 112 a_2 b_3 T_1^{17} T_2^9 + 193 a_4 b_3 T_1^{17} T_2^9 + \\
 &81 a_2 b_5 T_1^{17} T_2^9 - 119 a_4 b_5 T_1^{17} T_2^9 - 26 c_{16} T_1^{17} T_2^9 - 9 c_{19} T_1^{17} T_2^9 - 26 c_{31} T_1^{17} T_2^9 - 9 c_{34} T_1^{17} T_2^9 - \\
 &26 c_{46} T_1^{17} T_2^9 - 9 c_{49} T_1^{17} T_2^9 - 26 c_{61} T_1^{17} T_2^9 - 9 c_{64} T_1^{17} T_2^9 - 16 c_{81} T_1^{17} T_2^9 - 31 c_{82} T_1^{17} T_2^9 - \\
 &24 c_{85} T_1^{17} T_2^9 + 71 a_2 b_3 T_1^{18} T_2^9 - 133 a_4 b_3 T_1^{18} T_2^9 - 42 a_2 b_5 T_1^{18} T_2^9 + 102 a_4 b_5 T_1^{18} T_2^9 + \\
 &5 c_{16} T_1^{18} T_2^9 + c_{19} T_1^{18} T_2^9 + 5 c_{31} T_1^{18} T_2^9 + c_{34} T_1^{18} T_2^9 + 5 c_{46} T_1^{18} T_2^9 + c_{49} T_1^{18} T_2^9 + 5 c_{61} T_1^{18} T_2^9 + \\
 &c_{64} T_1^{18} T_2^9 + 12 c_{81} T_1^{18} T_2^9 + 15 c_{82} T_1^{18} T_2^9 + 12 c_{84} T_1^{18} T_2^9 + 13 c_{85} T_1^{18} T_2^9 - 24 a_2 b_3 T_1^{19} T_2^9 + \\
 &60 a_4 b_3 T_1^{19} T_2^9 + c_{16} T_1^{19} T_2^9 - 3 c_{19} T_1^{19} T_2^9 + c_{31} T_1^{19} T_2^9 - 3 c_{34} T_1^{19} T_2^9 + c_{46} T_1^{19} T_2^9 - \\
 &3 c_{49} T_1^{19} T_2^9 + c_{61} T_1^{19} T_2^9 - 3 c_{64} T_1^{19} T_2^9 - 12 c_{81} T_1^{19} T_2^9 - 51 c_{82} T_1^{19} T_2^9 - 32 c_{85} T_1^{19} T_2^9 - \\
 &30 c_{16} T_1^{20} T_2^9 - 3 c_{19} T_1^{20} T_2^9 - 30 c_{31} T_1^{20} T_2^9 - 3 c_{34} T_1^{20} T_2^9 - 30 c_{46} T_1^{20} T_2^9 - 3 c_{49} T_1^{20} T_2^9 - \\
 &30 c_{61} T_1^{20} T_2^9 - 3 c_{64} T_1^{20} T_2^9 + 59 c_{82} T_1^{20} T_2^9 + 33 c_{85} T_1^{20} T_2^9 + 4 a_2 b_3 T_1^{10} - 5 a_4 b_3 T_1^{10} - \\
 &9 a_2 b_5 T_1^{10} + 11 a_4 b_5 T_1^{10} - 30 c_{19} T_2^{10} - 30 c_{34} T_2^{10} - 30 c_{49} T_2^{10} - 30 c_{64} T_2^{10} - 16 c_{81} T_2^{10} - \\
 &59 c_{82} T_2^{10} - 16 c_{84} T_2^{10} - 26 c_{85} T_2^{10} - 9 a_2 b_3 T_1 T_2^{10} + 21 a_4 b_3 T_1 T_2^{10} + 12 a_2 b_5 T_1 T_2^{10} -
 \end{aligned}$$

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$$\begin{aligned}
 & 36 a_4 b_5 T_1 T_2^{10} + 7 c_{16} T_1 T_2^{10} + 26 c_{19} T_1 T_2^{10} + 7 c_{31} T_1 T_2^{10} + 26 c_{34} T_1 T_2^{10} + 7 c_{46} T_1 T_2^{10} + \\
 & 26 c_{49} T_1 T_2^{10} + 7 c_{61} T_1 T_2^{10} + 26 c_{64} T_1 T_2^{10} + 20 c_{81} T_1 T_2^{10} + 51 c_{82} T_1 T_2^{10} + 4 c_{84} T_1 T_2^{10} + \\
 & 19 c_{85} T_1 T_2^{10} + 18 a_2 b_3 T_1^2 T_2^{10} - 36 a_4 b_3 T_1^2 T_2^{10} - 30 a_2 b_5 T_1^2 T_2^{10} + 41 a_4 b_5 T_1^2 T_2^{10} - \\
 & 3 c_{16} T_1^2 T_2^{10} - 20 c_{19} T_1^2 T_2^{10} - 3 c_{31} T_1^2 T_2^{10} - 20 c_{34} T_1^2 T_2^{10} - 3 c_{46} T_1^2 T_2^{10} - 20 c_{49} T_1^2 T_2^{10} - \\
 & 3 c_{61} T_1^2 T_2^{10} - 20 c_{64} T_1^2 T_2^{10} - 28 c_{81} T_1^2 T_2^{10} - 15 c_{82} T_1^2 T_2^{10} - 24 c_{84} T_1^2 T_2^{10} - 2 c_{85} T_1^2 T_2^{10} - \\
 & 28 a_2 b_3 T_1^3 T_2^{10} + 74 a_4 b_3 T_1^3 T_2^{10} + 42 a_2 b_5 T_1^3 T_2^{10} - 106 a_4 b_5 T_1^3 T_2^{10} + 10 c_{16} T_1^3 T_2^{10} + \\
 & 22 c_{19} T_1^3 T_2^{10} + 10 c_{31} T_1^3 T_2^{10} + 22 c_{34} T_1^3 T_2^{10} + 10 c_{46} T_1^3 T_2^{10} + 22 c_{49} T_1^3 T_2^{10} + 10 c_{61} T_1^3 T_2^{10} + \\
 & 22 c_{64} T_1^3 T_2^{10} + 38 c_{81} T_1^3 T_2^{10} + 31 c_{82} T_1^3 T_2^{10} + 14 c_{84} T_1^3 T_2^{10} + 7 c_{85} T_1^3 T_2^{10} + 34 a_2 b_3 T_1^4 T_2^{10} - \\
 & 107 a_4 b_3 T_1^4 T_2^{10} - 57 a_2 b_5 T_1^4 T_2^{10} + 109 a_4 b_5 T_1^4 T_2^{10} - 2 c_{16} T_1^4 T_2^{10} - 12 c_{19} T_1^4 T_2^{10} - \\
 & 2 c_{31} T_1^4 T_2^{10} - 12 c_{34} T_1^4 T_2^{10} - 2 c_{46} T_1^4 T_2^{10} - 12 c_{49} T_1^4 T_2^{10} - 2 c_{61} T_1^4 T_2^{10} - 12 c_{64} T_1^4 T_2^{10} - \\
 & 22 c_{81} T_1^4 T_2^{10} + 25 c_{82} T_1^4 T_2^{10} - 8 c_{84} T_1^4 T_2^{10} + 22 c_{85} T_1^4 T_2^{10} - 43 a_2 b_3 T_1^5 T_2^{10} + 145 a_4 b_3 T_1^5 T_2^{10} + \\
 & 74 a_2 b_5 T_1^5 T_2^{10} - 184 a_4 b_5 T_1^5 T_2^{10} + 5 c_{16} T_1^5 T_2^{10} + 14 c_{19} T_1^5 T_2^{10} + 5 c_{31} T_1^5 T_2^{10} + 14 c_{34} T_1^5 T_2^{10} + \\
 & 5 c_{46} T_1^5 T_2^{10} + 14 c_{49} T_1^5 T_2^{10} + 5 c_{61} T_1^5 T_2^{10} + 14 c_{64} T_1^5 T_2^{10} + 10 c_{81} T_1^5 T_2^{10} - 13 c_{82} T_1^5 T_2^{10} + \\
 & 2 c_{84} T_1^5 T_2^{10} - 13 c_{85} T_1^5 T_2^{10} + 25 a_2 b_3 T_1^6 T_2^{10} - 162 a_4 b_3 T_1^6 T_2^{10} - 39 a_2 b_5 T_1^6 T_2^{10} + \\
 & 151 a_4 b_5 T_1^6 T_2^{10} + 3 c_{16} T_1^6 T_2^{10} - 6 c_{19} T_1^6 T_2^{10} + 3 c_{31} T_1^6 T_2^{10} - 6 c_{34} T_1^6 T_2^{10} + 3 c_{46} T_1^6 T_2^{10} - \\
 & 6 c_{49} T_1^6 T_2^{10} + 3 c_{61} T_1^6 T_2^{10} - 6 c_{64} T_1^6 T_2^{10} + 112 c_{81} T_1^6 T_2^{10} + 45 c_{82} T_1^6 T_2^{10} + 114 c_{84} T_1^6 T_2^{10} + \\
 & 30 c_{85} T_1^6 T_2^{10} + 29 a_2 b_3 T_1^7 T_2^{10} + 93 a_4 b_3 T_1^7 T_2^{10} - 14 a_2 b_5 T_1^7 T_2^{10} - 63 a_4 b_5 T_1^7 T_2^{10} - \\
 & 11 c_{16} T_1^7 T_2^{10} - 48 c_{19} T_1^7 T_2^{10} - 11 c_{31} T_1^7 T_2^{10} - 48 c_{34} T_1^7 T_2^{10} - 11 c_{46} T_1^7 T_2^{10} - 48 c_{49} T_1^7 T_2^{10} - \\
 & 11 c_{61} T_1^7 T_2^{10} - 48 c_{64} T_1^7 T_2^{10} - 250 c_{81} T_1^7 T_2^{10} - 262 c_{82} T_1^7 T_2^{10} - 136 c_{84} T_1^7 T_2^{10} - 132 c_{85} T_1^7 T_2^{10} - \\
 & 83 a_2 b_3 T_1^8 T_2^{10} - 6 a_4 b_3 T_1^8 T_2^{10} + 49 a_2 b_5 T_1^8 T_2^{10} - 13 a_4 b_5 T_1^8 T_2^{10} + 22 c_{16} T_1^8 T_2^{10} + 40 c_{19} T_1^8 T_2^{10} + \\
 & 22 c_{31} T_1^8 T_2^{10} + 40 c_{34} T_1^8 T_2^{10} + 22 c_{46} T_1^8 T_2^{10} + 40 c_{49} T_1^8 T_2^{10} + 22 c_{61} T_1^8 T_2^{10} + 40 c_{64} T_1^8 T_2^{10} + \\
 & 266 c_{81} T_1^8 T_2^{10} + 274 c_{82} T_1^8 T_2^{10} + 130 c_{84} T_1^8 T_2^{10} + 130 c_{85} T_1^8 T_2^{10} + 147 a_2 b_3 T_1^9 T_2^{10} - \\
 & 73 a_4 b_3 T_1^9 T_2^{10} - 122 a_2 b_5 T_1^9 T_2^{10} + 73 a_4 b_5 T_1^9 T_2^{10} - 29 c_{16} T_1^9 T_2^{10} - 28 c_{19} T_1^9 T_2^{10} - \\
 & 29 c_{31} T_1^9 T_2^{10} - 28 c_{34} T_1^9 T_2^{10} - 29 c_{46} T_1^9 T_2^{10} - 28 c_{49} T_1^9 T_2^{10} - 29 c_{61} T_1^9 T_2^{10} - 28 c_{64} T_1^9 T_2^{10} - \\
 & 290 c_{81} T_1^9 T_2^{10} - 230 c_{82} T_1^9 T_2^{10} - 160 c_{84} T_1^9 T_2^{10} - 108 c_{85} T_1^9 T_2^{10} - 213 a_2 b_3 T_1^{10} T_2^{10} + \\
 & 206 a_4 b_3 T_1^{10} T_2^{10} + 175 a_2 b_5 T_1^{10} T_2^{10} - 245 a_4 b_5 T_1^{10} T_2^{10} + 32 c_{16} T_1^{10} T_2^{10} + 32 c_{19} T_1^{10} T_2^{10} + \\
 & 32 c_{31} T_1^{10} T_2^{10} + 32 c_{34} T_1^{10} T_2^{10} + 32 c_{46} T_1^{10} T_2^{10} + 32 c_{49} T_1^{10} T_2^{10} + 32 c_{61} T_1^{10} T_2^{10} + 32 c_{64} T_1^{10} T_2^{10} + \\
 & 290 c_{81} T_1^{10} T_2^{10} + 290 c_{82} T_1^{10} T_2^{10} + 130 c_{84} T_1^{10} T_2^{10} + 130 c_{85} T_1^{10} T_2^{10} + 272 a_2 b_3 T_1^{11} T_2^{10} - \\
 & 321 a_4 b_3 T_1^{11} T_2^{10} - 243 a_2 b_5 T_1^{11} T_2^{10} + 283 a_4 b_5 T_1^{11} T_2^{10} - 27 c_{16} T_1^{11} T_2^{10} - 12 c_{19} T_1^{11} T_2^{10} - \\
 & 27 c_{31} T_1^{11} T_2^{10} - 12 c_{34} T_1^{11} T_2^{10} - 27 c_{46} T_1^{11} T_2^{10} - 12 c_{49} T_1^{11} T_2^{10} - 27 c_{61} T_1^{11} T_2^{10} - 12 c_{64} T_1^{11} T_2^{10} - \\
 & 266 c_{81} T_1^{11} T_2^{10} - 206 c_{82} T_1^{11} T_2^{10} - 136 c_{84} T_1^{11} T_2^{10} - 84 c_{85} T_1^{11} T_2^{10} - 341 a_2 b_3 T_1^{12} T_2^{10} + \\
 & 459 a_4 b_3 T_1^{12} T_2^{10} + 314 a_2 b_5 T_1^{12} T_2^{10} - 496 a_4 b_5 T_1^{12} T_2^{10} + 18 c_{16} T_1^{12} T_2^{10} + 16 c_{19} T_1^{12} T_2^{10} + \\
 & 18 c_{31} T_1^{12} T_2^{10} + 16 c_{34} T_1^{12} T_2^{10} + 18 c_{46} T_1^{12} T_2^{10} + 16 c_{49} T_1^{12} T_2^{10} + 18 c_{61} T_1^{12} T_2^{10} + \\
 & 16 c_{64} T_1^{12} T_2^{10} + 250 c_{81} T_1^{12} T_2^{10} + 258 c_{82} T_1^{12} T_2^{10} + 114 c_{84} T_1^{12} T_2^{10} + 114 c_{85} T_1^{12} T_2^{10} + \\
 & 353 a_2 b_3 T_1^{13} T_2^{10} - 554 a_4 b_3 T_1^{13} T_2^{10} - 279 a_2 b_5 T_1^{13} T_2^{10} + 463 a_4 b_5 T_1^{13} T_2^{10} - 5 c_{16} T_1^{13} T_2^{10} - \\
 & 5 c_{31} T_1^{13} T_2^{10} - 5 c_{46} T_1^{13} T_2^{10} - 5 c_{61} T_1^{13} T_2^{10} - 112 c_{81} T_1^{13} T_2^{10} - 222 c_{82} T_1^{13} T_2^{10} + \\
 & 2 c_{84} T_1^{13} T_2^{10} - 92 c_{85} T_1^{13} T_2^{10} - 303 a_2 b_3 T_1^{14} T_2^{10} + 490 a_4 b_3 T_1^{14} T_2^{10} + 235 a_2 b_5 T_1^{14} T_2^{10} - \\
 & 386 a_4 b_5 T_1^{14} T_2^{10} - 61 c_{16} T_1^{14} T_2^{10} - 18 c_{19} T_1^{14} T_2^{10} - 61 c_{31} T_1^{14} T_2^{10} - 18 c_{34} T_1^{14} T_2^{10} - \\
 & 61 c_{46} T_1^{14} T_2^{10} - 18 c_{49} T_1^{14} T_2^{10} - 61 c_{61} T_1^{14} T_2^{10} - 18 c_{64} T_1^{14} T_2^{10} - 10 c_{81} T_1^{14} T_2^{10} - 7 c_{82} T_1^{14} T_2^{10} - \\
 & 8 c_{84} T_1^{14} T_2^{10} - 22 c_{85} T_1^{14} T_2^{10} + 254 a_2 b_3 T_1^{15} T_2^{10} - 419 a_4 b_3 T_1^{15} T_2^{10} - 203 a_2 b_5 T_1^{15} T_2^{10} + \\
 & 335 a_4 b_5 T_1^{15} T_2^{10} + 39 c_{16} T_1^{15} T_2^{10} + 14 c_{19} T_1^{15} T_2^{10} + 39 c_{31} T_1^{15} T_2^{10} + 14 c_{34} T_1^{15} T_2^{10} + \\
 & 39 c_{46} T_1^{15} T_2^{10} + 14 c_{49} T_1^{15} T_2^{10} + 39 c_{61} T_1^{15} T_2^{10} + 14 c_{64} T_1^{15} T_2^{10} + 22 c_{81} T_1^{15} T_2^{10} + \\
 & 27 c_{82} T_1^{15} T_2^{10} + 14 c_{84} T_1^{15} T_2^{10} + 27 c_{85} T_1^{15} T_2^{10} - 199 a_2 b_3 T_1^{16} T_2^{10} + 355 a_4 b_3 T_1^{16} T_2^{10} + \\
 & 148 a_2 b_5 T_1^{16} T_2^{10} - 280 a_4 b_5 T_1^{16} T_2^{10} - 52 c_{16} T_1^{16} T_2^{10} - 8 c_{19} T_1^{16} T_2^{10} - 52 c_{31} T_1^{16} T_2^{10} - \\
 & 8 c_{34} T_1^{16} T_2^{10} - 52 c_{46} T_1^{16} T_2^{10} - 8 c_{49} T_1^{16} T_2^{10} - 52 c_{61} T_1^{16} T_2^{10} - 8 c_{64} T_1^{16} T_2^{10} - 38 c_{81} T_1^{16} T_2^{10} - \\
 & 19 c_{82} T_1^{16} T_2^{10} - 24 c_{84} T_1^{16} T_2^{10} - 22 c_{85} T_1^{16} T_2^{10} + 143 a_2 b_3 T_1^{17} T_2^{10} - 260 a_4 b_3 T_1^{17} T_2^{10} - \\
 & 107 a_2 b_5 T_1^{17} T_2^{10} + 173 a_4 b_5 T_1^{17} T_2^{10} + 22 c_{16} T_1^{17} T_2^{10} + 10 c_{19} T_1^{17} T_2^{10} + 22 c_{31} T_1^{17} T_2^{10} + \\
 & 10 c_{34} T_1^{17} T_2^{10} + 22 c_{46} T_1^{17} T_2^{10} + 10 c_{49} T_1^{17} T_2^{10} + 22 c_{61} T_1^{17} T_2^{10} + 10 c_{64} T_1^{17} T_2^{10} + 28 c_{81} T_1^{17} T_2^{10} + \\
 & 63 c_{82} T_1^{17} T_2^{10} + 4 c_{84} T_1^{17} T_2^{10} + 39 c_{85} T_1^{17} T_2^{10} - 90 a_2 b_3 T_1^{18} T_2^{10} + 178 a_4 b_3 T_1^{18} T_2^{10} + \\
 & 54 a_2 b_5 T_1^{18} T_2^{10} - 138 a_4 b_5 T_1^{18} T_2^{10} + c_{16} T_1^{18} T_2^{10} + c_{31} T_1^{18} T_2^{10} + c_{46} T_1^{18} T_2^{10} + c_{61} T_1^{18} T_2^{10} -
 \end{aligned}$$



$$\begin{aligned}
 & 20 c_{81} T_1^{18} T_2^{10} - 35 c_{82} T_1^{18} T_2^{10} - 16 c_{84} T_1^{18} T_2^{10} - 22 c_{85} T_1^{18} T_2^{10} + 30 a_2 b_3 T_1^{19} T_2^{10} - \\
 & 78 a_4 b_3 T_1^{19} T_2^{10} - 11 c_{16} T_1^{19} T_2^{10} + 2 c_{19} T_1^{19} T_2^{10} - 11 c_{31} T_1^{19} T_2^{10} + 2 c_{34} T_1^{19} T_2^{10} - 11 c_{46} T_1^{19} T_2^{10} + \\
 & 2 c_{49} T_1^{19} T_2^{10} - 11 c_{61} T_1^{19} T_2^{10} + 2 c_{64} T_1^{19} T_2^{10} + 16 c_{81} T_1^{19} T_2^{10} + 75 c_{82} T_1^{19} T_2^{10} + 43 c_{85} T_1^{19} T_2^{10} + \\
 & 42 c_{16} T_1^{20} T_2^{10} + 6 c_{19} T_1^{20} T_2^{10} + 42 c_{31} T_1^{20} T_2^{10} + 6 c_{34} T_1^{20} T_2^{10} + 42 c_{46} T_1^{20} T_2^{10} + 6 c_{49} T_1^{20} T_2^{10} + \\
 & 42 c_{61} T_1^{20} T_2^{10} + 6 c_{64} T_1^{20} T_2^{10} - 71 c_{82} T_1^{20} T_2^{10} - 38 c_{85} T_1^{20} T_2^{10} - 3 a_2 b_3 T_1^{11} + 4 a_4 b_3 T_2^{11} + \\
 & 7 a_2 b_5 T_2^{11} - 9 a_4 b_5 T_2^{11} + 25 c_{19} T_2^{11} + 25 c_{34} T_2^{11} + 25 c_{49} T_2^{11} + 25 c_{64} T_2^{11} + 12 c_{81} T_2^{11} + \\
 & 43 c_{82} T_2^{11} + 12 c_{84} T_2^{11} + 17 c_{85} T_2^{11} + 6 a_2 b_3 T_1 T_2^{11} - 16 a_4 b_3 T_1 T_2^{11} - 8 a_2 b_5 T_1 T_2^{11} + \\
 & 28 a_4 b_5 T_1 T_2^{11} - 5 c_{16} T_1 T_2^{11} - 15 c_{19} T_1 T_2^{11} - 5 c_{31} T_1 T_2^{11} - 15 c_{34} T_1 T_2^{11} - 5 c_{46} T_1 T_2^{11} - \\
 & 15 c_{49} T_1 T_2^{11} - 5 c_{61} T_1 T_2^{11} - 15 c_{64} T_1 T_2^{11} - 12 c_{81} T_1 T_2^{11} - 23 c_{82} T_1 T_2^{11} - 4 c_{85} T_1 T_2^{11} - \\
 & 12 a_2 b_3 T_1^2 T_2^{11} + 26 a_4 b_3 T_1^2 T_2^{11} + 22 a_2 b_5 T_1^2 T_2^{11} - 34 a_4 b_5 T_1^2 T_2^{11} + c_{16} T_1^2 T_2^{11} + \\
 & 9 c_{19} T_1^2 T_2^{11} + c_{31} T_1^2 T_2^{11} + 9 c_{34} T_1^2 T_2^{11} + c_{46} T_1^2 T_2^{11} + 9 c_{49} T_1^2 T_2^{11} + c_{61} T_1^2 T_2^{11} + 9 c_{64} T_1^2 T_2^{11} + \\
 & 16 c_{81} T_1^2 T_2^{11} - 9 c_{82} T_1^2 T_2^{11} + 16 c_{84} T_1^2 T_2^{11} - 11 c_{85} T_1^2 T_2^{11} + 18 a_2 b_3 T_1^3 T_2^{11} - 50 a_4 b_3 T_1^3 T_2^{11} - \\
 & 24 a_2 b_5 T_1^3 T_2^{11} + 90 a_4 b_5 T_1^3 T_2^{11} - 6 c_{16} T_1^3 T_2^{11} - 5 c_{19} T_1^3 T_2^{11} - 6 c_{31} T_1^3 T_2^{11} - 5 c_{34} T_1^3 T_2^{11} - \\
 & 6 c_{46} T_1^3 T_2^{11} - 5 c_{49} T_1^3 T_2^{11} - 6 c_{61} T_1^3 T_2^{11} - 5 c_{64} T_1^3 T_2^{11} - 8 c_{81} T_1^3 T_2^{11} + 5 c_{82} T_1^3 T_2^{11} + \\
 & 8 c_{84} T_1^3 T_2^{11} + 12 c_{85} T_1^3 T_2^{11} - 27 a_2 b_3 T_1^4 T_2^{11} + 58 a_4 b_3 T_1^4 T_2^{11} + 37 a_2 b_5 T_1^4 T_2^{11} - \\
 & 75 a_4 b_5 T_1^4 T_2^{11} - 2 c_{16} T_1^4 T_2^{11} - 7 c_{19} T_1^4 T_2^{11} - 2 c_{31} T_1^4 T_2^{11} - 7 c_{34} T_1^4 T_2^{11} - 2 c_{46} T_1^4 T_2^{11} - \\
 & 7 c_{49} T_1^4 T_2^{11} - 2 c_{61} T_1^4 T_2^{11} - 7 c_{64} T_1^4 T_2^{11} - 14 c_{81} T_1^4 T_2^{11} - 61 c_{82} T_1^4 T_2^{11} - 6 c_{84} T_1^4 T_2^{11} - \\
 & 39 c_{85} T_1^4 T_2^{11} + 45 a_2 b_3 T_1^5 T_2^{11} - 80 a_4 b_3 T_1^5 T_2^{11} - 51 a_2 b_5 T_1^5 T_2^{11} + 150 a_4 b_5 T_1^5 T_2^{11} - \\
 & 3 c_{16} T_1^5 T_2^{11} + 7 c_{19} T_1^5 T_2^{11} - 3 c_{31} T_1^5 T_2^{11} + 7 c_{34} T_1^5 T_2^{11} - 3 c_{46} T_1^5 T_2^{11} + 7 c_{49} T_1^5 T_2^{11} - \\
 & 3 c_{61} T_1^5 T_2^{11} + 7 c_{64} T_1^5 T_2^{11} + 14 c_{81} T_1^5 T_2^{11} + 41 c_{82} T_1^5 T_2^{11} + 8 c_{84} T_1^5 T_2^{11} + 28 c_{85} T_1^5 T_2^{11} - \\
 & 31 a_2 b_3 T_1^6 T_2^{11} + 76 a_4 b_3 T_1^6 T_2^{11} + 5 a_2 b_5 T_1^6 T_2^{11} - 88 a_4 b_5 T_1^6 T_2^{11} - 5 c_{16} T_1^6 T_2^{11} - \\
 & 19 c_{19} T_1^6 T_2^{11} - 5 c_{31} T_1^6 T_2^{11} - 19 c_{34} T_1^6 T_2^{11} - 5 c_{46} T_1^6 T_2^{11} - 19 c_{49} T_1^6 T_2^{11} - 5 c_{61} T_1^6 T_2^{11} - \\
 & 19 c_{64} T_1^6 T_2^{11} - 124 c_{81} T_1^6 T_2^{11} - 85 c_{82} T_1^6 T_2^{11} - 116 c_{84} T_1^6 T_2^{11} - 55 c_{85} T_1^6 T_2^{11} - 20 a_2 b_3 T_1^7 T_2^{11} + \\
 & 24 a_4 b_3 T_1^7 T_2^{11} + 54 a_2 b_5 T_1^7 T_2^{11} - 19 a_4 b_5 T_1^7 T_2^{11} + 9 c_{16} T_1^7 T_2^{11} + 61 c_{19} T_1^7 T_2^{11} + \\
 & 9 c_{31} T_1^7 T_2^{11} + 61 c_{34} T_1^7 T_2^{11} + 9 c_{46} T_1^7 T_2^{11} + 61 c_{49} T_1^7 T_2^{11} + 9 c_{61} T_1^7 T_2^{11} + 61 c_{64} T_1^7 T_2^{11} + \\
 & 238 c_{81} T_1^7 T_2^{11} + 278 c_{82} T_1^7 T_2^{11} + 122 c_{84} T_1^7 T_2^{11} + 146 c_{85} T_1^7 T_2^{11} + 69 a_2 b_3 T_1^8 T_2^{11} - \\
 & 137 a_4 b_3 T_1^8 T_2^{11} - 98 a_2 b_5 T_1^8 T_2^{11} + 112 a_4 b_5 T_1^8 T_2^{11} - 14 c_{16} T_1^8 T_2^{11} - 43 c_{19} T_1^8 T_2^{11} - \\
 & 14 c_{31} T_1^8 T_2^{11} - 43 c_{34} T_1^8 T_2^{11} - 14 c_{46} T_1^8 T_2^{11} - 43 c_{49} T_1^8 T_2^{11} - 14 c_{61} T_1^8 T_2^{11} - 43 c_{64} T_1^8 T_2^{11} - \\
 & 230 c_{81} T_1^8 T_2^{11} - 266 c_{82} T_1^8 T_2^{11} - 108 c_{84} T_1^8 T_2^{11} - 136 c_{85} T_1^8 T_2^{11} - 126 a_2 b_3 T_1^9 T_2^{11} + \\
 & 245 a_4 b_3 T_1^9 T_2^{11} + 175 a_2 b_5 T_1^9 T_2^{11} - 206 a_4 b_5 T_1^9 T_2^{11} + 15 c_{16} T_1^9 T_2^{11} + 33 c_{19} T_1^9 T_2^{11} + \\
 & 15 c_{31} T_1^9 T_2^{11} + 33 c_{34} T_1^9 T_2^{11} + 15 c_{46} T_1^9 T_2^{11} + 33 c_{49} T_1^9 T_2^{11} + 15 c_{61} T_1^9 T_2^{11} + 33 c_{64} T_1^9 T_2^{11} + \\
 & 230 c_{81} T_1^9 T_2^{11} + 230 c_{82} T_1^9 T_2^{11} + 122 c_{84} T_1^9 T_2^{11} + 122 c_{85} T_1^9 T_2^{11} + 183 a_2 b_3 T_1^{10} T_2^{11} - \\
 & 388 a_4 b_3 T_1^{10} T_2^{11} - 221 a_2 b_5 T_1^{10} T_2^{11} + 388 a_4 b_5 T_1^{10} T_2^{11} - 12 c_{16} T_1^{10} T_2^{11} - 27 c_{19} T_1^{10} T_2^{11} - \\
 & 12 c_{31} T_1^{10} T_2^{11} - 27 c_{34} T_1^{10} T_2^{11} - 12 c_{46} T_1^{10} T_2^{11} - 27 c_{49} T_1^{10} T_2^{11} - 12 c_{61} T_1^{10} T_2^{11} - 27 c_{64} T_1^{10} T_2^{11} - \\
 & 206 c_{81} T_1^{10} T_2^{11} - 266 c_{82} T_1^{10} T_2^{11} - 84 c_{84} T_1^{10} T_2^{11} - 136 c_{85} T_1^{10} T_2^{11} - 250 a_2 b_3 T_1^{11} T_2^{11} + \\
 & 493 a_4 b_3 T_1^{11} T_2^{11} + 301 a_2 b_5 T_1^{11} T_2^{11} - 426 a_4 b_5 T_1^{11} T_2^{11} + 5 c_{16} T_1^{11} T_2^{11} + 5 c_{19} T_1^{11} T_2^{11} + \\
 & 5 c_{31} T_1^{11} T_2^{11} + 5 c_{34} T_1^{11} T_2^{11} + 5 c_{46} T_1^{11} T_2^{11} + 5 c_{49} T_1^{11} T_2^{11} + 5 c_{61} T_1^{11} T_2^{11} + 5 c_{64} T_1^{11} T_2^{11} + \\
 & 182 c_{81} T_1^{11} T_2^{11} + 182 c_{82} T_1^{11} T_2^{11} + 98 c_{84} T_1^{11} T_2^{11} + 98 c_{85} T_1^{11} T_2^{11} + 341 a_2 b_3 T_1^{12} T_2^{11} - \\
 & 642 a_4 b_3 T_1^{12} T_2^{11} - 381 a_2 b_5 T_1^{12} T_2^{11} + 675 a_4 b_5 T_1^{12} T_2^{11} + 2 c_{16} T_1^{12} T_2^{11} - 7 c_{19} T_1^{12} T_2^{11} + \\
 & 2 c_{31} T_1^{12} T_2^{11} - 7 c_{34} T_1^{12} T_2^{11} + 2 c_{46} T_1^{12} T_2^{11} - 7 c_{49} T_1^{12} T_2^{11} + 2 c_{61} T_1^{12} T_2^{11} - 7 c_{64} T_1^{12} T_2^{11} - \\
 & 174 c_{81} T_1^{12} T_2^{11} - 250 c_{82} T_1^{12} T_2^{11} - 76 c_{84} T_1^{12} T_2^{11} - 136 c_{85} T_1^{12} T_2^{11} - 363 a_2 b_3 T_1^{13} T_2^{11} + \\
 & 734 a_4 b_3 T_1^{13} T_2^{11} + 335 a_2 b_5 T_1^{13} T_2^{11} - 613 a_4 b_5 T_1^{13} T_2^{11} - 13 c_{16} T_1^{13} T_2^{11} - 15 c_{19} T_1^{13} T_2^{11} - \\
 & 13 c_{31} T_1^{13} T_2^{11} - 15 c_{34} T_1^{13} T_2^{11} - 13 c_{46} T_1^{13} T_2^{11} - 15 c_{49} T_1^{13} T_2^{11} - 13 c_{61} T_1^{13} T_2^{11} - 15 c_{64} T_1^{13} T_2^{11} + \\
 & 44 c_{81} T_1^{13} T_2^{11} + 190 c_{82} T_1^{13} T_2^{11} - 32 c_{84} T_1^{13} T_2^{11} + 98 c_{85} T_1^{13} T_2^{11} + 315 a_2 b_3 T_1^{14} T_2^{11} - \\
 & 638 a_4 b_3 T_1^{14} T_2^{11} - 283 a_2 b_5 T_1^{14} T_2^{11} + 515 a_4 b_5 T_1^{14} T_2^{11} + 59 c_{16} T_1^{14} T_2^{11} + 22 c_{19} T_1^{14} T_2^{11} + \\
 & 59 c_{31} T_1^{14} T_2^{11} + 22 c_{34} T_1^{14} T_2^{11} + 59 c_{46} T_1^{14} T_2^{11} + 22 c_{49} T_1^{14} T_2^{11} + 59 c_{61} T_1^{14} T_2^{11} + 22 c_{64} T_1^{14} T_2^{11} + \\
 & 58 c_{81} T_1^{14} T_2^{11} + 39 c_{82} T_1^{14} T_2^{11} + 26 c_{84} T_1^{14} T_2^{11} + 17 c_{85} T_1^{14} T_2^{11} - 269 a_2 b_3 T_1^{15} T_2^{11} + \\
 & 537 a_4 b_3 T_1^{15} T_2^{11} + 240 a_2 b_5 T_1^{15} T_2^{11} - 441 a_4 b_5 T_1^{15} T_2^{11} - 29 c_{16} T_1^{15} T_2^{11} - 14 c_{19} T_1^{15} T_2^{11} - \\
 & 29 c_{31} T_1^{15} T_2^{11} - 14 c_{34} T_1^{15} T_2^{11} - 29 c_{46} T_1^{15} T_2^{11} - 14 c_{49} T_1^{15} T_2^{11} - 29 c_{61} T_1^{15} T_2^{11} - 14 c_{64} T_1^{15} T_2^{11} - \\
 & 50 c_{81} T_1^{15} T_2^{11} - 47 c_{82} T_1^{15} T_2^{11} - 24 c_{84} T_1^{15} T_2^{11} - 20 c_{85} T_1^{15} T_2^{11} + 218 a_2 b_3 T_1^{16} T_2^{11} -
 \end{aligned}$$

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$$\begin{aligned}
 & 439 a_4 b_3 T_1^{16} T_2^{11} - 177 a_2 b_5 T_1^{16} T_2^{11} + 353 a_4 b_5 T_1^{16} T_2^{11} + 32 c_{16} T_1^{16} T_2^{11} + 10 c_{19} T_1^{16} T_2^{11} + \\
 & 32 c_{31} T_1^{16} T_2^{11} + 10 c_{34} T_1^{16} T_2^{11} + 32 c_{46} T_1^{16} T_2^{11} + 10 c_{49} T_1^{16} T_2^{11} + 32 c_{61} T_1^{16} T_2^{11} + 10 c_{64} T_1^{16} T_2^{11} + \\
 & 46 c_{81} T_1^{16} T_2^{11} + 43 c_{82} T_1^{16} T_2^{11} + 22 c_{84} T_1^{16} T_2^{11} + 21 c_{85} T_1^{16} T_2^{11} - 167 a_2 b_3 T_1^{17} T_2^{11} + \\
 & 320 a_4 b_3 T_1^{17} T_2^{11} + 133 a_2 b_5 T_1^{17} T_2^{11} - 227 a_4 b_5 T_1^{17} T_2^{11} + 6 c_{16} T_1^{17} T_2^{11} - 8 c_{19} T_1^{17} T_2^{11} + \\
 & 6 c_{31} T_1^{17} T_2^{11} - 8 c_{34} T_1^{17} T_2^{11} + 6 c_{46} T_1^{17} T_2^{11} - 8 c_{49} T_1^{17} T_2^{11} + 6 c_{61} T_1^{17} T_2^{11} - 8 c_{64} T_1^{17} T_2^{11} - \\
 & 30 c_{81} T_1^{17} T_2^{11} - 75 c_{82} T_1^{17} T_2^{11} - 8 c_{84} T_1^{17} T_2^{11} - 36 c_{85} T_1^{17} T_2^{11} + 109 a_2 b_3 T_1^{18} T_2^{11} - \\
 & 223 a_4 b_3 T_1^{18} T_2^{11} - 66 a_2 b_5 T_1^{18} T_2^{11} + 174 a_4 b_5 T_1^{18} T_2^{11} - 7 c_{16} T_1^{18} T_2^{11} - 2 c_{19} T_1^{18} T_2^{11} - \\
 & 7 c_{31} T_1^{18} T_2^{11} - 2 c_{34} T_1^{18} T_2^{11} - 7 c_{46} T_1^{18} T_2^{11} - 2 c_{49} T_1^{18} T_2^{11} - 7 c_{61} T_1^{18} T_2^{11} - 2 c_{64} T_1^{18} T_2^{11} + \\
 & 28 c_{81} T_1^{18} T_2^{11} + 47 c_{82} T_1^{18} T_2^{11} + 20 c_{84} T_1^{18} T_2^{11} + 25 c_{85} T_1^{18} T_2^{11} - 36 a_2 b_3 T_1^{19} T_2^{11} + \\
 & 96 a_4 b_3 T_1^{19} T_2^{11} + 21 c_{16} T_1^{19} T_2^{11} + 21 c_{31} T_1^{19} T_2^{11} + 21 c_{46} T_1^{19} T_2^{11} + 21 c_{61} T_1^{19} T_2^{11} - \\
 & 20 c_{81} T_1^{19} T_2^{11} - 95 c_{82} T_1^{19} T_2^{11} - 52 c_{85} T_1^{19} T_2^{11} - 54 c_{16} T_1^{20} T_2^{11} - 10 c_{19} T_1^{20} T_2^{11} - 54 c_{31} T_1^{20} T_2^{11} - \\
 & 10 c_{34} T_1^{20} T_2^{11} - 54 c_{46} T_1^{20} T_2^{11} - 10 c_{49} T_1^{20} T_2^{11} - 54 c_{61} T_1^{20} T_2^{11} - 10 c_{64} T_1^{20} T_2^{11} + 79 c_{82} T_1^{20} T_2^{11} + \\
 & 41 c_{85} T_1^{20} T_2^{11} + 2 a_2 b_3 T_2^{12} - 3 a_4 b_3 T_2^{12} - 5 a_2 b_5 T_2^{12} + 7 a_4 b_5 T_2^{12} - 17 c_{19} T_2^{12} - 17 c_{34} T_2^{12} - \\
 & 17 c_{49} T_2^{12} - 17 c_{64} T_2^{12} - 8 c_{81} T_2^{12} - 23 c_{82} T_2^{12} - 8 c_{84} T_2^{12} - 6 c_{85} T_2^{12} - 3 a_2 b_3 T_1 T_2^{12} + \\
 & 11 a_4 b_3 T_1 T_2^{12} + 4 a_2 b_5 T_1 T_2^{12} - 20 a_4 b_5 T_1 T_2^{12} + 3 c_{16} T_1 T_2^{12} + c_{19} T_1 T_2^{12} + 3 c_{31} T_1 T_2^{12} + \\
 & c_{34} T_1 T_2^{12} + 3 c_{46} T_1 T_2^{12} + c_{49} T_1 T_2^{12} + 3 c_{61} T_1 T_2^{12} + c_{64} T_1 T_2^{12} + 4 c_{81} T_1 T_2^{12} - 9 c_{82} T_1 T_2^{12} - \\
 & 4 c_{84} T_1 T_2^{12} - 13 c_{85} T_1 T_2^{12} + 6 a_2 b_3 T_1^2 T_2^{12} - 16 a_4 b_3 T_1^2 T_2^{12} - 14 a_2 b_5 T_1^2 T_2^{12} + 22 a_4 b_5 T_1^2 T_2^{12} + \\
 & c_{16} T_1^2 T_2^{12} + 5 c_{19} T_1^2 T_2^{12} + c_{31} T_1^2 T_2^{12} + 5 c_{34} T_1^2 T_2^{12} + c_{46} T_1^2 T_2^{12} + 5 c_{49} T_1^2 T_2^{12} + c_{61} T_1^2 T_2^{12} + \\
 & 5 c_{64} T_1^2 T_2^{12} - 4 c_{81} T_1^2 T_2^{12} + 37 c_{82} T_1^2 T_2^{12} - 8 c_{84} T_1^2 T_2^{12} + 26 c_{85} T_1^2 T_2^{12} - 8 a_2 b_3 T_1^3 T_2^{12} + \\
 & 32 a_4 b_3 T_1^3 T_2^{12} + 12 a_2 b_5 T_1^3 T_2^{12} - 60 a_4 b_5 T_1^3 T_2^{12} + 2 c_{16} T_1^3 T_2^{12} - 15 c_{19} T_1^3 T_2^{12} + 2 c_{31} T_1^3 T_2^{12} - \\
 & 15 c_{34} T_1^3 T_2^{12} + 2 c_{46} T_1^3 T_2^{12} - 15 c_{49} T_1^3 T_2^{12} + 2 c_{61} T_1^3 T_2^{12} - 15 c_{64} T_1^3 T_2^{12} - 8 c_{81} T_1^3 T_2^{12} - \\
 & 45 c_{82} T_1^3 T_2^{12} - 16 c_{84} T_1^3 T_2^{12} - 33 c_{85} T_1^3 T_2^{12} + 12 a_2 b_3 T_1^4 T_2^{12} - 39 a_4 b_3 T_1^4 T_2^{12} - 27 a_2 b_5 T_1^4 T_2^{12} + \\
 & 37 a_4 b_5 T_1^4 T_2^{12} + 6 c_{16} T_1^4 T_2^{12} + 27 c_{19} T_1^4 T_2^{12} + 6 c_{31} T_1^4 T_2^{12} + 27 c_{34} T_1^4 T_2^{12} + 6 c_{46} T_1^4 T_2^{12} + \\
 & 27 c_{49} T_1^4 T_2^{12} + 6 c_{61} T_1^4 T_2^{12} + 27 c_{64} T_1^4 T_2^{12} + 16 c_{81} T_1^4 T_2^{12} + 97 c_{82} T_1^4 T_2^{12} + 58 c_{85} T_1^4 T_2^{12} - \\
 & 15 a_2 b_3 T_1^5 T_2^{12} + 72 a_4 b_3 T_1^5 T_2^{12} + 33 a_2 b_5 T_1^5 T_2^{12} - 115 a_4 b_5 T_1^5 T_2^{12} - 3 c_{16} T_1^5 T_2^{12} - \\
 & 31 c_{19} T_1^5 T_2^{12} - 3 c_{31} T_1^5 T_2^{12} - 31 c_{34} T_1^5 T_2^{12} - 3 c_{46} T_1^5 T_2^{12} - 31 c_{49} T_1^5 T_2^{12} - 3 c_{61} T_1^5 T_2^{12} - \\
 & 31 c_{64} T_1^5 T_2^{12} - 14 c_{81} T_1^5 T_2^{12} - 81 c_{82} T_1^5 T_2^{12} - 14 c_{84} T_1^5 T_2^{12} - 53 c_{85} T_1^5 T_2^{12} - 27 a_2 b_3 T_1^6 T_2^{12} - \\
 & 64 a_4 b_3 T_1^6 T_2^{12} + 29 a_2 b_5 T_1^6 T_2^{12} + 25 a_4 b_5 T_1^6 T_2^{12} + 15 c_{16} T_1^6 T_2^{12} + 47 c_{19} T_1^6 T_2^{12} + \\
 & 15 c_{31} T_1^6 T_2^{12} + 47 c_{34} T_1^6 T_2^{12} + 15 c_{46} T_1^6 T_2^{12} + 47 c_{49} T_1^6 T_2^{12} + 15 c_{61} T_1^6 T_2^{12} + 47 c_{64} T_1^6 T_2^{12} + \\
 & 144 c_{81} T_1^6 T_2^{12} + 145 c_{82} T_1^6 T_2^{12} + 130 c_{84} T_1^6 T_2^{12} + 90 c_{85} T_1^6 T_2^{12} + 108 a_2 b_3 T_1^7 T_2^{12} - \\
 & 49 a_4 b_3 T_1^7 T_2^{12} - 99 a_2 b_5 T_1^7 T_2^{12} + 98 a_4 b_5 T_1^7 T_2^{12} - 19 c_{16} T_1^7 T_2^{12} - 70 c_{19} T_1^7 T_2^{12} - \\
 & 19 c_{31} T_1^7 T_2^{12} - 70 c_{34} T_1^7 T_2^{12} - 19 c_{46} T_1^7 T_2^{12} - 70 c_{49} T_1^7 T_2^{12} - 19 c_{61} T_1^7 T_2^{12} - 70 c_{64} T_1^7 T_2^{12} - \\
 & 266 c_{81} T_1^7 T_2^{12} - 302 c_{82} T_1^7 T_2^{12} - 136 c_{84} T_1^7 T_2^{12} - 156 c_{85} T_1^7 T_2^{12} - 187 a_2 b_3 T_1^8 T_2^{12} + \\
 & 168 a_4 b_3 T_1^8 T_2^{12} + 157 a_2 b_5 T_1^8 T_2^{12} - 207 a_4 b_5 T_1^8 T_2^{12} + 22 c_{16} T_1^8 T_2^{12} + 42 c_{19} T_1^8 T_2^{12} + \\
 & 22 c_{31} T_1^8 T_2^{12} + 42 c_{34} T_1^8 T_2^{12} + 22 c_{46} T_1^8 T_2^{12} + 42 c_{49} T_1^8 T_2^{12} + 22 c_{61} T_1^8 T_2^{12} + 42 c_{64} T_1^8 T_2^{12} + \\
 & 266 c_{81} T_1^8 T_2^{12} + 266 c_{82} T_1^8 T_2^{12} + 130 c_{84} T_1^8 T_2^{12} + 130 c_{85} T_1^8 T_2^{12} + 274 a_2 b_3 T_1^9 T_2^{12} - \\
 & 283 a_4 b_3 T_1^9 T_2^{12} - 243 a_2 b_5 T_1^9 T_2^{12} + 321 a_4 b_5 T_1^9 T_2^{12} - 21 c_{16} T_1^9 T_2^{12} - 34 c_{19} T_1^9 T_2^{12} - \\
 & 21 c_{31} T_1^9 T_2^{12} - 34 c_{34} T_1^9 T_2^{12} - 21 c_{46} T_1^9 T_2^{12} - 34 c_{49} T_1^9 T_2^{12} - 21 c_{61} T_1^9 T_2^{12} - 34 c_{64} T_1^9 T_2^{12} - \\
 & 274 c_{81} T_1^9 T_2^{12} - 238 c_{82} T_1^9 T_2^{12} - 144 c_{84} T_1^9 T_2^{12} - 116 c_{85} T_1^9 T_2^{12} - 361 a_2 b_3 T_1^{10} T_2^{12} + \\
 & 426 a_4 b_3 T_1^{10} T_2^{12} + 301 a_2 b_5 T_1^{10} T_2^{12} - 493 a_4 b_5 T_1^{10} T_2^{12} + 16 c_{16} T_1^{10} T_2^{12} + 18 c_{19} T_1^{10} T_2^{12} + \\
 & 16 c_{31} T_1^{10} T_2^{12} + 18 c_{34} T_1^{10} T_2^{12} + 16 c_{46} T_1^{10} T_2^{12} + 18 c_{49} T_1^{10} T_2^{12} + 16 c_{61} T_1^{10} T_2^{12} + 18 c_{64} T_1^{10} T_2^{12} + \\
 & 258 c_{81} T_1^{10} T_2^{12} + 250 c_{82} T_1^{10} T_2^{12} + 114 c_{84} T_1^{10} T_2^{12} + 114 c_{85} T_1^{10} T_2^{12} + 458 a_2 b_3 T_1^{11} T_2^{12} - \\
 & 551 a_4 b_3 T_1^{11} T_2^{12} - 407 a_2 b_5 T_1^{11} T_2^{12} + 551 a_4 b_5 T_1^{11} T_2^{12} - 7 c_{16} T_1^{11} T_2^{12} + 2 c_{19} T_1^{11} T_2^{12} - \\
 & 7 c_{31} T_1^{11} T_2^{12} + 2 c_{34} T_1^{11} T_2^{12} - 7 c_{46} T_1^{11} T_2^{12} + 2 c_{49} T_1^{11} T_2^{12} - 7 c_{61} T_1^{11} T_2^{12} + 2 c_{64} T_1^{11} T_2^{12} - \\
 & 250 c_{81} T_1^{11} T_2^{12} - 174 c_{82} T_1^{11} T_2^{12} - 136 c_{84} T_1^{11} T_2^{12} - 76 c_{85} T_1^{11} T_2^{12} - 557 a_2 b_3 T_1^{12} T_2^{12} + \\
 & 748 a_4 b_3 T_1^{12} T_2^{12} + 491 a_2 b_5 T_1^{12} T_2^{12} - 839 a_4 b_5 T_1^{12} T_2^{12} - 6 c_{16} T_1^{12} T_2^{12} - 6 c_{19} T_1^{12} T_2^{12} - \\
 & 6 c_{31} T_1^{12} T_2^{12} - 6 c_{34} T_1^{12} T_2^{12} - 6 c_{46} T_1^{12} T_2^{12} - 6 c_{49} T_1^{12} T_2^{12} - 6 c_{61} T_1^{12} T_2^{12} - 6 c_{64} T_1^{12} T_2^{12} + \\
 & 234 c_{81} T_1^{12} T_2^{12} + 234 c_{82} T_1^{12} T_2^{12} + 98 c_{84} T_1^{12} T_2^{12} + 98 c_{85} T_1^{12} T_2^{12} + 557 a_2 b_3 T_1^{13} T_2^{12} - \\
 & 854 a_4 b_3 T_1^{13} T_2^{12} - 429 a_2 b_5 T_1^{13} T_2^{12} + 749 a_4 b_5 T_1^{13} T_2^{12} + 27 c_{16} T_1^{13} T_2^{12} + 34 c_{19} T_1^{13} T_2^{12} + \\
 & 27 c_{31} T_1^{13} T_2^{12} + 34 c_{34} T_1^{13} T_2^{12} + 27 c_{46} T_1^{13} T_2^{12} + 34 c_{49} T_1^{13} T_2^{12} + 27 c_{61} T_1^{13} T_2^{12} + 34 c_{64} T_1^{13} T_2^{12} -
 \end{aligned}$$

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$$\begin{aligned}
 & 80 c_{81} T_1^{13} T_2^{12} - 134 c_{82} T_1^{13} T_2^{12} + 18 c_{84} T_1^{13} T_2^{12} - 36 c_{85} T_1^{13} T_2^{12} - 478 a_2 b_3 T_1^{14} T_2^{12} + \\
 & 744 a_4 b_3 T_1^{14} T_2^{12} + 364 a_2 b_5 T_1^{14} T_2^{12} - 633 a_4 b_5 T_1^{14} T_2^{12} - 65 c_{16} T_1^{14} T_2^{12} - 25 c_{19} T_1^{14} T_2^{12} - \\
 & 65 c_{31} T_1^{14} T_2^{12} - 25 c_{34} T_1^{14} T_2^{12} - 65 c_{46} T_1^{14} T_2^{12} - 25 c_{49} T_1^{14} T_2^{12} - 65 c_{61} T_1^{14} T_2^{12} - 25 c_{64} T_1^{14} T_2^{12} - \\
 & 34 c_{81} T_1^{14} T_2^{12} - 83 c_{82} T_1^{14} T_2^{12} - 16 c_{84} T_1^{14} T_2^{12} - 66 c_{85} T_1^{14} T_2^{12} + 400 a_2 b_3 T_1^{15} T_2^{12} - \\
 & 633 a_4 b_3 T_1^{15} T_2^{12} - 305 a_2 b_5 T_1^{15} T_2^{12} + 537 a_4 b_5 T_1^{15} T_2^{12} + 39 c_{16} T_1^{15} T_2^{12} + 13 c_{19} T_1^{15} T_2^{12} + \\
 & 39 c_{31} T_1^{15} T_2^{12} + 13 c_{34} T_1^{15} T_2^{12} + 39 c_{46} T_1^{15} T_2^{12} + 13 c_{49} T_1^{15} T_2^{12} + 39 c_{61} T_1^{15} T_2^{12} + 13 c_{64} T_1^{15} T_2^{12} + \\
 & 38 c_{81} T_1^{15} T_2^{12} + 79 c_{82} T_1^{15} T_2^{12} + 22 c_{84} T_1^{15} T_2^{12} + 59 c_{85} T_1^{15} T_2^{12} - 316 a_2 b_3 T_1^{16} T_2^{12} + \\
 & 523 a_4 b_3 T_1^{16} T_2^{12} + 229 a_2 b_5 T_1^{16} T_2^{12} - 425 a_4 b_5 T_1^{16} T_2^{12} - 44 c_{16} T_1^{16} T_2^{12} - 11 c_{19} T_1^{16} T_2^{12} - \\
 & 44 c_{31} T_1^{16} T_2^{12} - 11 c_{34} T_1^{16} T_2^{12} - 44 c_{46} T_1^{16} T_2^{12} - 11 c_{49} T_1^{16} T_2^{12} - 44 c_{61} T_1^{16} T_2^{12} - 11 c_{64} T_1^{16} T_2^{12} - \\
 & 46 c_{81} T_1^{16} T_2^{12} - 79 c_{82} T_1^{16} T_2^{12} - 24 c_{84} T_1^{16} T_2^{12} - 58 c_{85} T_1^{16} T_2^{12} + 231 a_2 b_3 T_1^{17} T_2^{12} - \\
 & 396 a_4 b_3 T_1^{17} T_2^{12} - 169 a_2 b_5 T_1^{17} T_2^{12} + 291 a_4 b_5 T_1^{17} T_2^{12} + 10 c_{16} T_1^{17} T_2^{12} + 5 c_{19} T_1^{17} T_2^{12} + \\
 & 10 c_{31} T_1^{17} T_2^{12} + 5 c_{34} T_1^{17} T_2^{12} + 10 c_{46} T_1^{17} T_2^{12} + 5 c_{49} T_1^{17} T_2^{12} + 10 c_{61} T_1^{17} T_2^{12} + 5 c_{64} T_1^{17} T_2^{12} + \\
 & 42 c_{81} T_1^{17} T_2^{12} + 99 c_{82} T_1^{17} T_2^{12} + 18 c_{84} T_1^{17} T_2^{12} + 63 c_{85} T_1^{17} T_2^{12} - 138 a_2 b_3 T_1^{18} T_2^{12} + \\
 & 278 a_4 b_3 T_1^{18} T_2^{12} + 78 a_2 b_5 T_1^{18} T_2^{12} - 210 a_4 b_5 T_1^{18} T_2^{12} - 11 c_{16} T_1^{18} T_2^{12} + 3 c_{19} T_1^{18} T_2^{12} - \\
 & 11 c_{31} T_1^{18} T_2^{12} + 3 c_{34} T_1^{18} T_2^{12} - 11 c_{46} T_1^{18} T_2^{12} + 3 c_{49} T_1^{18} T_2^{12} - 11 c_{61} T_1^{18} T_2^{12} + 3 c_{64} T_1^{18} T_2^{12} - \\
 & 42 c_{81} T_1^{18} T_2^{12} - 75 c_{82} T_1^{18} T_2^{12} - 24 c_{84} T_1^{18} T_2^{12} - 50 c_{85} T_1^{18} T_2^{12} + 42 a_2 b_3 T_1^{19} T_2^{12} - \\
 & 114 a_4 b_3 T_1^{19} T_2^{12} - 31 c_{16} T_1^{19} T_2^{12} - 3 c_{19} T_1^{19} T_2^{12} - 31 c_{31} T_1^{19} T_2^{12} - 3 c_{34} T_1^{19} T_2^{12} - \\
 & 31 c_{46} T_1^{19} T_2^{12} - 3 c_{49} T_1^{19} T_2^{12} - 31 c_{61} T_1^{19} T_2^{12} - 3 c_{64} T_1^{19} T_2^{12} + 24 c_{81} T_1^{19} T_2^{12} + 119 c_{82} T_1^{19} T_2^{12} + \\
 & 67 c_{85} T_1^{19} T_2^{12} + 66 c_{16} T_1^{20} T_2^{12} + 15 c_{19} T_1^{20} T_2^{12} + 66 c_{31} T_1^{20} T_2^{12} + 15 c_{34} T_1^{20} T_2^{12} + \\
 & 66 c_{46} T_1^{20} T_2^{12} + 15 c_{49} T_1^{20} T_2^{12} + 66 c_{61} T_1^{20} T_2^{12} + 15 c_{64} T_1^{20} T_2^{12} - 83 c_{82} T_1^{20} T_2^{12} - \\
 & 42 c_{85} T_1^{20} T_2^{12} - a_2 b_3 T_2^{13} + 2 a_4 b_3 T_2^{13} + 3 a_2 b_5 T_2^{13} - 5 a_4 b_5 T_2^{13} + 6 c_{19} T_2^{13} + 6 c_{34} T_2^{13} + \\
 & 6 c_{49} T_2^{13} + 6 c_{64} T_2^{13} + 4 c_{81} T_2^{13} + 6 c_{82} T_2^{13} + 4 c_{84} T_2^{13} - 6 a_4 b_3 T_1 T_2^{13} + 12 a_4 b_5 T_1 T_2^{13} - \\
 & c_{16} T_1 T_2^{13} + 16 c_{19} T_1 T_2^{13} - c_{31} T_1 T_2^{13} + 16 c_{34} T_1 T_2^{13} - c_{46} T_1 T_2^{13} + 16 c_{49} T_1 T_2^{13} - c_{61} T_1 T_2^{13} + \\
 & 16 c_{64} T_1 T_2^{13} + 4 c_{81} T_1 T_2^{13} + 24 c_{82} T_1 T_2^{13} + 8 c_{84} T_1 T_2^{13} + 11 c_{85} T_1 T_2^{13} + 6 a_4 b_3 T_1^2 T_2^{13} + \\
 & 6 a_2 b_5 T_1^2 T_2^{13} - 10 a_4 b_5 T_1^2 T_2^{13} - 3 c_{16} T_1^2 T_2^{13} - 22 c_{19} T_1^2 T_2^{13} - 3 c_{31} T_1^2 T_2^{13} - 22 c_{34} T_1^2 T_2^{13} - \\
 & 3 c_{46} T_1^2 T_2^{13} - 22 c_{49} T_1^2 T_2^{13} - 3 c_{61} T_1^2 T_2^{13} - 22 c_{64} T_1^2 T_2^{13} - 8 c_{81} T_1^2 T_2^{13} - 34 c_{82} T_1^2 T_2^{13} - \\
 & 8 c_{85} T_1^2 T_2^{13} - 2 a_2 b_3 T_1^3 T_2^{13} - 14 a_4 b_3 T_1^3 T_2^{13} + 36 a_4 b_5 T_1^3 T_2^{13} + 2 c_{16} T_1^3 T_2^{13} + 38 c_{19} T_1^3 T_2^{13} + \\
 & 2 c_{31} T_1^3 T_2^{13} + 38 c_{34} T_1^3 T_2^{13} + 2 c_{46} T_1^3 T_2^{13} + 38 c_{49} T_1^3 T_2^{13} + 2 c_{61} T_1^3 T_2^{13} + 38 c_{64} T_1^3 T_2^{13} + \\
 & 24 c_{81} T_1^3 T_2^{13} + 40 c_{82} T_1^3 T_2^{13} + 24 c_{84} T_1^3 T_2^{13} + 7 c_{85} T_1^3 T_2^{13} + 3 a_2 b_3 T_1^4 T_2^{13} + 12 a_4 b_3 T_1^4 T_2^{13} + \\
 & 9 a_2 b_5 T_1^4 T_2^{13} - 15 a_4 b_5 T_1^4 T_2^{13} - 10 c_{16} T_1^4 T_2^{13} - 50 c_{19} T_1^4 T_2^{13} - 10 c_{31} T_1^4 T_2^{13} - 50 c_{34} T_1^4 T_2^{13} - \\
 & 10 c_{46} T_1^4 T_2^{13} - 50 c_{49} T_1^4 T_2^{13} - 10 c_{61} T_1^4 T_2^{13} - 50 c_{64} T_1^4 T_2^{13} - 36 c_{81} T_1^4 T_2^{13} - 74 c_{82} T_1^4 T_2^{13} - \\
 & 12 c_{84} T_1^4 T_2^{13} - 16 c_{85} T_1^4 T_2^{13} - 6 a_2 b_3 T_1^5 T_2^{13} - 24 a_4 b_3 T_1^5 T_2^{13} + 81 a_4 b_5 T_1^5 T_2^{13} + 9 c_{16} T_1^5 T_2^{13} + \\
 & 60 c_{19} T_1^5 T_2^{13} + 9 c_{31} T_1^5 T_2^{13} + 60 c_{34} T_1^5 T_2^{13} + 9 c_{46} T_1^5 T_2^{13} + 60 c_{49} T_1^5 T_2^{13} + 9 c_{61} T_1^5 T_2^{13} + \\
 & 60 c_{64} T_1^5 T_2^{13} + 60 c_{81} T_1^5 T_2^{13} + 56 c_{82} T_1^5 T_2^{13} + 48 c_{84} T_1^5 T_2^{13} + 3 c_{85} T_1^5 T_2^{13} + 48 a_2 b_3 T_1^6 T_2^{13} - \\
 & 27 a_4 b_3 T_1^6 T_2^{13} - 75 a_2 b_5 T_1^6 T_2^{13} + 44 a_4 b_5 T_1^6 T_2^{13} - 21 c_{16} T_1^6 T_2^{13} - 78 c_{19} T_1^6 T_2^{13} - \\
 & 21 c_{31} T_1^6 T_2^{13} - 78 c_{34} T_1^6 T_2^{13} - 21 c_{46} T_1^6 T_2^{13} - 78 c_{49} T_1^6 T_2^{13} - 21 c_{61} T_1^6 T_2^{13} - 78 c_{64} T_1^6 T_2^{13} - \\
 & 204 c_{81} T_1^6 T_2^{13} - 114 c_{82} T_1^6 T_2^{13} - 156 c_{84} T_1^6 T_2^{13} - 24 c_{85} T_1^6 T_2^{13} - 120 a_2 b_3 T_1^7 T_2^{13} + \\
 & 183 a_4 b_3 T_1^7 T_2^{13} + 153 a_2 b_5 T_1^7 T_2^{13} - 188 a_4 b_5 T_1^7 T_2^{13} + 21 c_{16} T_1^7 T_2^{13} + 75 c_{19} T_1^7 T_2^{13} + \\
 & 21 c_{31} T_1^7 T_2^{13} + 75 c_{34} T_1^7 T_2^{13} + 21 c_{46} T_1^7 T_2^{13} + 75 c_{49} T_1^7 T_2^{13} + 21 c_{61} T_1^7 T_2^{13} + 75 c_{64} T_1^7 T_2^{13} + \\
 & 302 c_{81} T_1^7 T_2^{13} + 204 c_{82} T_1^7 T_2^{13} + 146 c_{84} T_1^7 T_2^{13} + 48 c_{85} T_1^7 T_2^{13} + 188 a_2 b_3 T_1^8 T_2^{13} - \\
 & 340 a_4 b_3 T_1^8 T_2^{13} - 222 a_2 b_5 T_1^8 T_2^{13} + 320 a_4 b_5 T_1^8 T_2^{13} - 18 c_{16} T_1^8 T_2^{13} - 37 c_{19} T_1^8 T_2^{13} - \\
 & 18 c_{31} T_1^8 T_2^{13} - 37 c_{34} T_1^8 T_2^{13} - 18 c_{46} T_1^8 T_2^{13} - 37 c_{49} T_1^8 T_2^{13} - 18 c_{61} T_1^8 T_2^{13} - 37 c_{64} T_1^8 T_2^{13} - \\
 & 278 c_{81} T_1^8 T_2^{13} - 144 c_{82} T_1^8 T_2^{13} - 132 c_{84} T_1^8 T_2^{13} - 14 c_{85} T_1^8 T_2^{13} - 262 a_2 b_3 T_1^9 T_2^{13} + \\
 & 496 a_4 b_3 T_1^9 T_2^{13} + 314 a_2 b_5 T_1^9 T_2^{13} - 459 a_4 b_5 T_1^9 T_2^{13} + 11 c_{16} T_1^9 T_2^{13} + 31 c_{19} T_1^9 T_2^{13} + \\
 & 11 c_{31} T_1^9 T_2^{13} + 31 c_{34} T_1^9 T_2^{13} + 11 c_{46} T_1^9 T_2^{13} + 31 c_{49} T_1^9 T_2^{13} + 11 c_{61} T_1^9 T_2^{13} + 31 c_{64} T_1^9 T_2^{13} + \\
 & 262 c_{81} T_1^9 T_2^{13} + 124 c_{82} T_1^9 T_2^{13} + 130 c_{84} T_1^9 T_2^{13} + 8 c_{85} T_1^9 T_2^{13} + 334 a_2 b_3 T_1^{10} T_2^{13} - \\
 & 675 a_4 b_3 T_1^{10} T_2^{13} - 381 a_2 b_5 T_1^{10} T_2^{13} + 642 a_4 b_5 T_1^{10} T_2^{13} - 5 c_{19} T_1^{10} T_2^{13} - 5 c_{34} T_1^{10} T_2^{13} - \\
 & 5 c_{49} T_1^{10} T_2^{13} - 5 c_{64} T_1^{10} T_2^{13} - 222 c_{81} T_1^{10} T_2^{13} - 112 c_{82} T_1^{10} T_2^{13} - 92 c_{84} T_1^{10} T_2^{13} + \\
 & 2 c_{85} T_1^{10} T_2^{13} - 414 a_2 b_3 T_1^{11} T_2^{13} + 839 a_4 b_3 T_1^{11} T_2^{13} + 491 a_2 b_5 T_1^{11} T_2^{13} - 748 a_4 b_5 T_1^{11} T_2^{13} - \\
 & 15 c_{16} T_1^{11} T_2^{13} - 13 c_{19} T_1^{11} T_2^{13} - 15 c_{31} T_1^{11} T_2^{13} - 13 c_{34} T_1^{11} T_2^{13} - 15 c_{46} T_1^{11} T_2^{13} -
 \end{aligned}$$

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$$\begin{aligned}
 & 13 c_{49} T_1^{11} T_2^{13} - 15 c_{61} T_1^{11} T_2^{13} - 13 c_{64} T_1^{11} T_2^{13} + 190 c_{81} T_1^{11} T_2^{13} + 44 c_{82} T_1^{11} T_2^{13} + \\
 & 98 c_{84} T_1^{11} T_2^{13} - 32 c_{85} T_1^{11} T_2^{13} + 494 a_2 b_3 T_1^{12} T_2^{13} - 1048 a_4 b_3 T_1^{12} T_2^{13} - 560 a_2 b_5 T_1^{12} T_2^{13} + \\
 & 1048 a_4 b_5 T_1^{12} T_2^{13} + 34 c_{16} T_1^{12} T_2^{13} + 27 c_{19} T_1^{12} T_2^{13} + 34 c_{31} T_1^{12} T_2^{13} + 27 c_{34} T_1^{12} T_2^{13} + \\
 & 34 c_{46} T_1^{12} T_2^{13} + 27 c_{49} T_1^{12} T_2^{13} + 34 c_{61} T_1^{12} T_2^{13} + 27 c_{64} T_1^{12} T_2^{13} - 134 c_{81} T_1^{12} T_2^{13} - \\
 & 80 c_{82} T_1^{12} T_2^{13} - 36 c_{84} T_1^{12} T_2^{13} + 18 c_{85} T_1^{12} T_2^{13} - 488 a_2 b_3 T_1^{13} T_2^{13} + 1117 a_4 b_3 T_1^{13} T_2^{13} + \\
 & 485 a_2 b_5 T_1^{13} T_2^{13} - 923 a_4 b_5 T_1^{13} T_2^{13} - 57 c_{16} T_1^{13} T_2^{13} - 57 c_{19} T_1^{13} T_2^{13} - 57 c_{31} T_1^{13} T_2^{13} - \\
 & 57 c_{34} T_1^{13} T_2^{13} - 57 c_{46} T_1^{13} T_2^{13} - 57 c_{49} T_1^{13} T_2^{13} - 57 c_{61} T_1^{13} T_2^{13} - 57 c_{64} T_1^{13} T_2^{13} - 36 c_{81} T_1^{13} T_2^{13} - \\
 & 36 c_{82} T_1^{13} T_2^{13} - 72 c_{84} T_1^{13} T_2^{13} - 72 c_{85} T_1^{13} T_2^{13} + 417 a_2 b_3 T_1^{14} T_2^{13} - 963 a_4 b_3 T_1^{14} T_2^{13} - \\
 & 410 a_2 b_5 T_1^{14} T_2^{13} + 784 a_4 b_5 T_1^{14} T_2^{13} + 75 c_{16} T_1^{14} T_2^{13} + 27 c_{19} T_1^{14} T_2^{13} + 75 c_{31} T_1^{14} T_2^{13} + \\
 & 27 c_{34} T_1^{14} T_2^{13} + 75 c_{46} T_1^{14} T_2^{13} + 27 c_{49} T_1^{14} T_2^{13} + 75 c_{61} T_1^{14} T_2^{13} + 27 c_{64} T_1^{14} T_2^{13} + \\
 & 130 c_{81} T_1^{14} T_2^{13} + 198 c_{82} T_1^{14} T_2^{13} + 58 c_{84} T_1^{14} T_2^{13} + 132 c_{85} T_1^{14} T_2^{13} - 348 a_2 b_3 T_1^{15} T_2^{13} + \\
 & 810 a_4 b_3 T_1^{15} T_2^{13} + 338 a_2 b_5 T_1^{15} T_2^{13} - 659 a_4 b_5 T_1^{15} T_2^{13} - 41 c_{16} T_1^{15} T_2^{13} - 11 c_{19} T_1^{15} T_2^{13} - \\
 & 41 c_{31} T_1^{15} T_2^{13} - 11 c_{34} T_1^{15} T_2^{13} - 41 c_{46} T_1^{15} T_2^{13} - 11 c_{49} T_1^{15} T_2^{13} - 41 c_{61} T_1^{15} T_2^{13} - 11 c_{64} T_1^{15} T_2^{13} - \\
 & 114 c_{81} T_1^{15} T_2^{13} - 168 c_{82} T_1^{15} T_2^{13} - 56 c_{84} T_1^{15} T_2^{13} - 109 c_{85} T_1^{15} T_2^{13} + 274 a_2 b_3 T_1^{16} T_2^{13} - \\
 & 654 a_4 b_3 T_1^{16} T_2^{13} - 252 a_2 b_5 T_1^{16} T_2^{13} + 518 a_4 b_5 T_1^{16} T_2^{13} + 36 c_{16} T_1^{16} T_2^{13} + 11 c_{19} T_1^{16} T_2^{13} + \\
 & 36 c_{31} T_1^{16} T_2^{13} + 11 c_{34} T_1^{16} T_2^{13} + 36 c_{46} T_1^{16} T_2^{13} + 11 c_{49} T_1^{16} T_2^{13} + 36 c_{61} T_1^{16} T_2^{13} + 11 c_{64} T_1^{16} T_2^{13} + \\
 & 102 c_{81} T_1^{16} T_2^{13} + 158 c_{82} T_1^{16} T_2^{13} + 46 c_{84} T_1^{16} T_2^{13} + 100 c_{85} T_1^{16} T_2^{13} - 200 a_2 b_3 T_1^{17} T_2^{13} + \\
 & 483 a_4 b_3 T_1^{17} T_2^{13} + 179 a_2 b_5 T_1^{17} T_2^{13} - 361 a_4 b_5 T_1^{17} T_2^{13} + 6 c_{16} T_1^{17} T_2^{13} - c_{19} T_1^{17} T_2^{13} + \\
 & 6 c_{31} T_1^{17} T_2^{13} - c_{34} T_1^{17} T_2^{13} + 6 c_{46} T_1^{17} T_2^{13} - c_{49} T_1^{17} T_2^{13} + 6 c_{61} T_1^{17} T_2^{13} - c_{64} T_1^{17} T_2^{13} - \\
 & 78 c_{81} T_1^{17} T_2^{13} - 152 c_{82} T_1^{17} T_2^{13} - 32 c_{84} T_1^{17} T_2^{13} - 89 c_{85} T_1^{17} T_2^{13} + 119 a_2 b_3 T_1^{18} T_2^{13} - \\
 & 317 a_4 b_3 T_1^{18} T_2^{13} - 78 a_2 b_5 T_1^{18} T_2^{13} + 234 a_4 b_5 T_1^{18} T_2^{13} - 15 c_{16} T_1^{18} T_2^{13} - 5 c_{19} T_1^{18} T_2^{13} - \\
 & 15 c_{31} T_1^{18} T_2^{13} - 5 c_{34} T_1^{18} T_2^{13} - 15 c_{46} T_1^{18} T_2^{13} - 5 c_{49} T_1^{18} T_2^{13} - 15 c_{61} T_1^{18} T_2^{13} - 5 c_{64} T_1^{18} T_2^{13} + \\
 & 58 c_{81} T_1^{18} T_2^{13} + 118 c_{82} T_1^{18} T_2^{13} + 26 c_{84} T_1^{18} T_2^{13} + 68 c_{85} T_1^{18} T_2^{13} - 36 a_2 b_3 T_1^{19} T_2^{13} + \\
 & 120 a_4 b_3 T_1^{19} T_2^{13} + 65 c_{16} T_1^{19} T_2^{13} + 9 c_{19} T_1^{19} T_2^{13} + 65 c_{31} T_1^{19} T_2^{13} + 9 c_{34} T_1^{19} T_2^{13} + \\
 & 65 c_{46} T_1^{19} T_2^{13} + 9 c_{49} T_1^{19} T_2^{13} + 65 c_{61} T_1^{19} T_2^{13} + 9 c_{64} T_1^{19} T_2^{13} - 26 c_{81} T_1^{19} T_2^{13} - \\
 & 136 c_{82} T_1^{19} T_2^{13} - 69 c_{85} T_1^{19} T_2^{13} - 78 c_{16} T_1^{20} T_2^{13} - 21 c_{19} T_1^{20} T_2^{13} - 78 c_{31} T_1^{20} T_2^{13} - \\
 & 21 c_{34} T_1^{20} T_2^{13} - 78 c_{46} T_1^{20} T_2^{13} - 21 c_{49} T_1^{20} T_2^{13} - 78 c_{61} T_1^{20} T_2^{13} - 21 c_{64} T_1^{20} T_2^{13} + \\
 & 78 c_{82} T_1^{20} T_2^{13} + 36 c_{85} T_1^{20} T_2^{13} - a_4 b_3 T_2^{14} - a_2 b_5 T_2^{14} + 3 a_4 b_5 T_2^{14} - c_{81} T_2^{14} - c_{84} T_2^{14} + \\
 & 2 a_2 b_3 T_1 T_2^{14} + a_4 b_3 T_1 T_2^{14} - 3 a_2 b_5 T_1 T_2^{14} - 4 a_4 b_5 T_1 T_2^{14} - 12 c_{19} T_1 T_2^{14} - 12 c_{34} T_1 T_2^{14} - \\
 & 12 c_{49} T_1 T_2^{14} - 12 c_{64} T_1 T_2^{14} - 7 c_{81} T_1 T_2^{14} - 11 c_{82} T_1 T_2^{14} - 8 c_{84} T_1 T_2^{14} - 2 a_2 b_3 T_1^2 T_2^{14} + \\
 & 3 a_4 b_3 T_1^2 T_2^{14} - a_2 b_5 T_1^2 T_2^{14} - a_4 b_5 T_1^2 T_2^{14} + 2 c_{16} T_1^2 T_2^{14} + 2 c_{19} T_1^2 T_2^{14} + 2 c_{31} T_1^2 T_2^{14} + \\
 & 2 c_{34} T_1^2 T_2^{14} + 2 c_{46} T_1^2 T_2^{14} + 2 c_{49} T_1^2 T_2^{14} + 2 c_{61} T_1^2 T_2^{14} + 2 c_{64} T_1^2 T_2^{14} + 7 c_{81} T_1^2 T_2^{14} - \\
 & c_{82} T_1^2 T_2^{14} - c_{84} T_1^2 T_2^{14} - 9 c_{85} T_1^2 T_2^{14} + 3 a_2 b_3 T_1^3 T_2^{14} - a_4 b_3 T_1^3 T_2^{14} - 6 a_2 b_5 T_1^3 T_2^{14} - \\
 & 14 a_4 b_5 T_1^3 T_2^{14} - 8 c_{19} T_1^3 T_2^{14} - 8 c_{34} T_1^3 T_2^{14} - 8 c_{49} T_1^3 T_2^{14} - 8 c_{64} T_1^3 T_2^{14} - 15 c_{81} T_1^3 T_2^{14} + \\
 & c_{82} T_1^3 T_2^{14} - 16 c_{84} T_1^3 T_2^{14} + 8 c_{85} T_1^3 T_2^{14} - 2 a_2 b_3 T_1^4 T_2^{14} + 9 a_4 b_3 T_1^4 T_2^{14} - a_2 b_5 T_1^4 T_2^{14} - \\
 & 11 a_4 b_5 T_1^4 T_2^{14} + 4 c_{16} T_1^4 T_2^{14} + 4 c_{19} T_1^4 T_2^{14} + 4 c_{31} T_1^4 T_2^{14} + 4 c_{34} T_1^4 T_2^{14} + 4 c_{46} T_1^4 T_2^{14} + \\
 & 4 c_{49} T_1^4 T_2^{14} + 4 c_{61} T_1^4 T_2^{14} + 4 c_{64} T_1^4 T_2^{14} + 15 c_{81} T_1^4 T_2^{14} + 11 c_{82} T_1^4 T_2^{14} - c_{84} T_1^4 T_2^{14} - \\
 & 5 c_{85} T_1^4 T_2^{14} + 2 a_2 b_3 T_1^5 T_2^{14} - 5 a_4 b_3 T_1^5 T_2^{14} - 9 a_2 b_5 T_1^5 T_2^{14} - 30 a_4 b_5 T_1^5 T_2^{14} - 4 c_{19} T_1^5 T_2^{14} - \\
 & 4 c_{34} T_1^5 T_2^{14} - 4 c_{49} T_1^5 T_2^{14} - 4 c_{64} T_1^5 T_2^{14} - 23 c_{81} T_1^5 T_2^{14} + 13 c_{82} T_1^5 T_2^{14} - 24 c_{84} T_1^5 T_2^{14} + \\
 & 16 c_{85} T_1^5 T_2^{14} - 36 a_2 b_3 T_1^6 T_2^{14} + 57 a_4 b_3 T_1^6 T_2^{14} + 75 a_2 b_5 T_1^6 T_2^{14} - 114 a_4 b_5 T_1^6 T_2^{14} + \\
 & 6 c_{16} T_1^6 T_2^{14} + 6 c_{19} T_1^6 T_2^{14} + 6 c_{31} T_1^6 T_2^{14} + 6 c_{34} T_1^6 T_2^{14} + 6 c_{46} T_1^6 T_2^{14} + 6 c_{49} T_1^6 T_2^{14} + \\
 & 6 c_{61} T_1^6 T_2^{14} + 6 c_{64} T_1^6 T_2^{14} + 114 c_{81} T_1^6 T_2^{14} + 23 c_{82} T_1^6 T_2^{14} + 90 c_{84} T_1^6 T_2^{14} - c_{85} T_1^6 T_2^{14} + \\
 & 96 a_2 b_3 T_1^7 T_2^{14} - 195 a_4 b_3 T_1^7 T_2^{14} - 141 a_2 b_5 T_1^7 T_2^{14} + 264 a_4 b_5 T_1^7 T_2^{14} + 27 c_{19} T_1^7 T_2^{14} + \\
 & 27 c_{34} T_1^7 T_2^{14} + 27 c_{49} T_1^7 T_2^{14} + 27 c_{64} T_1^7 T_2^{14} - 145 c_{81} T_1^7 T_2^{14} - 60 c_{82} T_1^7 T_2^{14} - 55 c_{84} T_1^7 T_2^{14} - \\
 & 12 c_{85} T_1^7 T_2^{14} - 154 a_2 b_3 T_1^8 T_2^{14} + 329 a_4 b_3 T_1^8 T_2^{14} + 201 a_2 b_5 T_1^8 T_2^{14} - 405 a_4 b_5 T_1^8 T_2^{14} - \\
 & 7 c_{16} T_1^8 T_2^{14} - 57 c_{19} T_1^8 T_2^{14} - 7 c_{31} T_1^8 T_2^{14} - 57 c_{34} T_1^8 T_2^{14} - 7 c_{46} T_1^8 T_2^{14} - 57 c_{49} T_1^8 T_2^{14} - \\
 & 7 c_{61} T_1^8 T_2^{14} - 57 c_{64} T_1^8 T_2^{14} + 85 c_{81} T_1^8 T_2^{14} + 14 c_{82} T_1^8 T_2^{14} + 30 c_{84} T_1^8 T_2^{14} + 218 a_2 b_3 T_1^9 T_2^{14} - \\
 & 463 a_4 b_3 T_1^9 T_2^{14} - 279 a_2 b_5 T_1^9 T_2^{14} + 554 a_4 b_5 T_1^9 T_2^{14} + 13 c_{16} T_1^9 T_2^{14} + 43 c_{19} T_1^9 T_2^{14} + \\
 & 13 c_{31} T_1^9 T_2^{14} + 43 c_{34} T_1^9 T_2^{14} + 13 c_{46} T_1^9 T_2^{14} + 43 c_{49} T_1^9 T_2^{14} + 13 c_{61} T_1^9 T_2^{14} + 43 c_{64} T_1^9 T_2^{14} - \\
 & 45 c_{81} T_1^9 T_2^{14} - 14 c_{82} T_1^9 T_2^{14} - 15 c_{84} T_1^9 T_2^{14} - 6 c_{85} T_1^9 T_2^{14} - 280 a_2 b_3 T_1^{10} T_2^{14} + 613 a_4 b_3 T_1^{10} T_2^{14} +
 \end{aligned}$$

$$\begin{aligned}
 & 335 a_2 b_5 T_1^{10} T_2^{14} - 734 a_4 b_5 T_1^{10} T_2^{14} - 18 c_{16} T_1^{10} T_2^{14} - 61 c_{19} T_1^{10} T_2^{14} - 18 c_{31} T_1^{10} T_2^{14} - \\
 & 61 c_{34} T_1^{10} T_2^{14} - 18 c_{46} T_1^{10} T_2^{14} - 61 c_{49} T_1^{10} T_2^{14} - 18 c_{61} T_1^{10} T_2^{14} - 61 c_{64} T_1^{10} T_2^{14} - 7 c_{81} T_1^{10} T_2^{14} - \\
 & 10 c_{82} T_1^{10} T_2^{14} - 22 c_{84} T_1^{10} T_2^{14} - 8 c_{85} T_1^{10} T_2^{14} + 350 a_2 b_3 T_1^{11} T_2^{14} - 749 a_4 b_3 T_1^{11} T_2^{14} - \\
 & 429 a_2 b_5 T_1^{11} T_2^{14} + 854 a_4 b_5 T_1^{11} T_2^{14} + 22 c_{16} T_1^{11} T_2^{14} + 59 c_{19} T_1^{11} T_2^{14} + 22 c_{31} T_1^{11} T_2^{14} + \\
 & 59 c_{34} T_1^{11} T_2^{14} + 22 c_{46} T_1^{11} T_2^{14} + 59 c_{49} T_1^{11} T_2^{14} + 22 c_{61} T_1^{11} T_2^{14} + 59 c_{64} T_1^{11} T_2^{14} + 39 c_{81} T_1^{11} T_2^{14} + \\
 & 58 c_{82} T_1^{11} T_2^{14} + 17 c_{84} T_1^{11} T_2^{14} + 26 c_{85} T_1^{11} T_2^{14} - 420 a_2 b_3 T_1^{12} T_2^{14} + 923 a_4 b_3 T_1^{12} T_2^{14} + \\
 & 485 a_2 b_5 T_1^{12} T_2^{14} - 1117 a_4 b_5 T_1^{12} T_2^{14} - 25 c_{16} T_1^{12} T_2^{14} - 65 c_{19} T_1^{12} T_2^{14} - 25 c_{31} T_1^{12} T_2^{14} - \\
 & 65 c_{34} T_1^{12} T_2^{14} - 25 c_{46} T_1^{12} T_2^{14} - 65 c_{49} T_1^{12} T_2^{14} - 25 c_{61} T_1^{12} T_2^{14} - 65 c_{64} T_1^{12} T_2^{14} - 83 c_{81} T_1^{12} T_2^{14} - \\
 & 34 c_{82} T_1^{12} T_2^{14} - 66 c_{84} T_1^{12} T_2^{14} - 16 c_{85} T_1^{12} T_2^{14} + 416 a_2 b_3 T_1^{13} T_2^{14} - 973 a_4 b_3 T_1^{13} T_2^{14} - \\
 & 419 a_2 b_5 T_1^{13} T_2^{14} + 973 a_4 b_5 T_1^{13} T_2^{14} + 27 c_{16} T_1^{13} T_2^{14} + 75 c_{19} T_1^{13} T_2^{14} + 27 c_{31} T_1^{13} T_2^{14} + \\
 & 75 c_{34} T_1^{13} T_2^{14} + 27 c_{46} T_1^{13} T_2^{14} + 75 c_{49} T_1^{13} T_2^{14} + 27 c_{61} T_1^{13} T_2^{14} + 75 c_{64} T_1^{13} T_2^{14} + \\
 & 198 c_{81} T_1^{13} T_2^{14} + 130 c_{82} T_1^{13} T_2^{14} + 132 c_{84} T_1^{13} T_2^{14} + 58 c_{85} T_1^{13} T_2^{14} - 356 a_2 b_3 T_1^{14} T_2^{14} + \\
 & 836 a_4 b_3 T_1^{14} T_2^{14} + 354 a_2 b_5 T_1^{14} T_2^{14} - 826 a_4 b_5 T_1^{14} T_2^{14} - 15 c_{16} T_1^{14} T_2^{14} - 15 c_{19} T_1^{14} T_2^{14} - \\
 & 15 c_{31} T_1^{14} T_2^{14} - 15 c_{34} T_1^{14} T_2^{14} - 15 c_{46} T_1^{14} T_2^{14} - 15 c_{49} T_1^{14} T_2^{14} - 15 c_{61} T_1^{14} T_2^{14} - 15 c_{64} T_1^{14} T_2^{14} - \\
 & 228 c_{81} T_1^{14} T_2^{14} - 228 c_{82} T_1^{14} T_2^{14} - 96 c_{84} T_1^{14} T_2^{14} - 96 c_{85} T_1^{14} T_2^{14} + 296 a_2 b_3 T_1^{15} T_2^{14} - \\
 & 702 a_4 b_3 T_1^{15} T_2^{14} - 290 a_2 b_5 T_1^{15} T_2^{14} + 686 a_4 b_5 T_1^{15} T_2^{14} - 23 c_{16} T_1^{15} T_2^{14} - 3 c_{19} T_1^{15} T_2^{14} - \\
 & 23 c_{31} T_1^{15} T_2^{14} - 3 c_{34} T_1^{15} T_2^{14} - 23 c_{46} T_1^{15} T_2^{14} - 3 c_{49} T_1^{15} T_2^{14} - 23 c_{61} T_1^{15} T_2^{14} - 3 c_{64} T_1^{15} T_2^{14} + \\
 & 176 c_{81} T_1^{15} T_2^{14} + 193 c_{82} T_1^{15} T_2^{14} + 80 c_{84} T_1^{15} T_2^{14} + 84 c_{85} T_1^{15} T_2^{14} - 232 a_2 b_3 T_1^{16} T_2^{14} + \\
 & 564 a_4 b_3 T_1^{16} T_2^{14} + 216 a_2 b_5 T_1^{16} T_2^{14} - 532 a_4 b_5 T_1^{16} T_2^{14} + 28 c_{16} T_1^{16} T_2^{14} - c_{19} T_1^{16} T_2^{14} + \\
 & 28 c_{31} T_1^{16} T_2^{14} - c_{34} T_1^{16} T_2^{14} + 28 c_{46} T_1^{16} T_2^{14} - c_{49} T_1^{16} T_2^{14} + 28 c_{61} T_1^{16} T_2^{14} - c_{64} T_1^{16} T_2^{14} - \\
 & 136 c_{81} T_1^{16} T_2^{14} - 181 c_{82} T_1^{16} T_2^{14} - 56 c_{84} T_1^{16} T_2^{14} - 81 c_{85} T_1^{16} T_2^{14} + 169 a_2 b_3 T_1^{17} T_2^{14} - \\
 & 416 a_4 b_3 T_1^{17} T_2^{14} - 153 a_2 b_5 T_1^{17} T_2^{14} + 367 a_4 b_5 T_1^{17} T_2^{14} - 62 c_{16} T_1^{17} T_2^{14} - 11 c_{19} T_1^{17} T_2^{14} - \\
 & 62 c_{31} T_1^{17} T_2^{14} - 11 c_{34} T_1^{17} T_2^{14} - 62 c_{46} T_1^{17} T_2^{14} - 11 c_{49} T_1^{17} T_2^{14} - 62 c_{61} T_1^{17} T_2^{14} - 11 c_{64} T_1^{17} T_2^{14} + \\
 & 92 c_{81} T_1^{17} T_2^{14} + 157 c_{82} T_1^{17} T_2^{14} + 36 c_{84} T_1^{17} T_2^{14} + 68 c_{85} T_1^{17} T_2^{14} - 100 a_2 b_3 T_1^{18} T_2^{14} + \\
 & 272 a_4 b_3 T_1^{18} T_2^{14} + 66 a_2 b_5 T_1^{18} T_2^{14} - 222 a_4 b_5 T_1^{18} T_2^{14} + 59 c_{16} T_1^{18} T_2^{14} + 13 c_{19} T_1^{18} T_2^{14} + \\
 & 59 c_{31} T_1^{18} T_2^{14} + 13 c_{34} T_1^{18} T_2^{14} + 59 c_{46} T_1^{18} T_2^{14} + 13 c_{49} T_1^{18} T_2^{14} + 59 c_{61} T_1^{18} T_2^{14} + 13 c_{64} T_1^{18} T_2^{14} - \\
 & 60 c_{81} T_1^{18} T_2^{14} - 121 c_{82} T_1^{18} T_2^{14} - 24 c_{84} T_1^{18} T_2^{14} - 53 c_{85} T_1^{18} T_2^{14} + 30 a_2 b_3 T_1^{19} T_2^{14} - \\
 & 102 a_4 b_3 T_1^{19} T_2^{14} - 89 c_{16} T_1^{19} T_2^{14} - 19 c_{19} T_1^{19} T_2^{14} - 89 c_{31} T_1^{19} T_2^{14} - 19 c_{34} T_1^{19} T_2^{14} - \\
 & 89 c_{46} T_1^{19} T_2^{14} - 19 c_{49} T_1^{19} T_2^{14} - 89 c_{61} T_1^{19} T_2^{14} - 19 c_{64} T_1^{19} T_2^{14} + 24 c_{81} T_1^{19} T_2^{14} + \\
 & 121 c_{82} T_1^{19} T_2^{14} + 52 c_{85} T_1^{19} T_2^{14} + 78 c_{16} T_1^{20} T_2^{14} + 27 c_{19} T_1^{20} T_2^{14} + 78 c_{31} T_1^{20} T_2^{14} + \\
 & 27 c_{34} T_1^{20} T_2^{14} + 78 c_{46} T_1^{20} T_2^{14} + 27 c_{49} T_1^{20} T_2^{14} + 78 c_{61} T_1^{20} T_2^{14} + 27 c_{64} T_1^{20} T_2^{14} - 61 c_{82} T_1^{20} T_2^{14} - \\
 & 25 c_{85} T_1^{20} T_2^{14} - a_4 b_5 T_1^{15} T_2 + 2 a_2 b_3 T_1 T_2^{15} + 2 a_2 b_5 T_1 T_2^{15} - 2 a_4 b_5 T_1 T_2^{15} + 3 c_{81} T_1 T_2^{15} + \\
 & 3 c_{84} T_1 T_2^{15} - 3 a_2 b_3 T_1^2 T_2^{15} - 4 a_4 b_3 T_1^2 T_2^{15} + 3 a_2 b_5 T_1^2 T_2^{15} + 5 a_4 b_5 T_1^2 T_2^{15} + 12 c_{19} T_1^2 T_2^{15} + \\
 & 12 c_{34} T_1^2 T_2^{15} + 12 c_{49} T_1^2 T_2^{15} + 12 c_{64} T_1^2 T_2^{15} + 5 c_{81} T_1^2 T_2^{15} + 9 c_{82} T_1^2 T_2^{15} + 8 c_{84} T_1^2 T_2^{15} + \\
 & 4 a_2 b_3 T_1^3 T_2^{15} + 2 a_2 b_5 T_1^3 T_2^{15} + 4 a_4 b_5 T_1^3 T_2^{15} - 2 c_{16} T_1^3 T_2^{15} - 2 c_{19} T_1^3 T_2^{15} - 2 c_{31} T_1^3 T_2^{15} - \\
 & 2 c_{34} T_1^3 T_2^{15} - 2 c_{46} T_1^3 T_2^{15} - 2 c_{49} T_1^3 T_2^{15} - 2 c_{61} T_1^3 T_2^{15} - 2 c_{64} T_1^3 T_2^{15} - 5 c_{81} T_1^3 T_2^{15} - \\
 & c_{82} T_1^3 T_2^{15} + 3 c_{84} T_1^3 T_2^{15} + 7 c_{85} T_1^3 T_2^{15} - 6 a_2 b_3 T_1^4 T_2^{15} - 4 a_4 b_3 T_1^4 T_2^{15} + 6 a_2 b_5 T_1^4 T_2^{15} + \\
 & 17 a_4 b_5 T_1^4 T_2^{15} + 8 c_{19} T_1^4 T_2^{15} + 8 c_{34} T_1^4 T_2^{15} + 8 c_{49} T_1^4 T_2^{15} + 8 c_{64} T_1^4 T_2^{15} + 13 c_{81} T_1^4 T_2^{15} - \\
 & 3 c_{82} T_1^4 T_2^{15} + 16 c_{84} T_1^4 T_2^{15} - 8 c_{85} T_1^4 T_2^{15} + 6 a_2 b_3 T_1^5 T_2^{15} - 4 a_4 b_3 T_1^5 T_2^{15} + 2 a_2 b_5 T_1^5 T_2^{15} + \\
 & 16 a_4 b_5 T_1^5 T_2^{15} - 4 c_{16} T_1^5 T_2^{15} - 4 c_{19} T_1^5 T_2^{15} - 4 c_{31} T_1^5 T_2^{15} - 4 c_{34} T_1^5 T_2^{15} - 4 c_{46} T_1^5 T_2^{15} - \\
 & 4 c_{49} T_1^5 T_2^{15} - 4 c_{61} T_1^5 T_2^{15} - 4 c_{64} T_1^5 T_2^{15} - 13 c_{81} T_1^5 T_2^{15} - 13 c_{82} T_1^5 T_2^{15} + 3 c_{84} T_1^5 T_2^{15} + \\
 & 3 c_{85} T_1^5 T_2^{15} + 24 a_2 b_3 T_1^6 T_2^{15} - 38 a_4 b_3 T_1^6 T_2^{15} - 58 a_2 b_5 T_1^6 T_2^{15} + 111 a_4 b_5 T_1^6 T_2^{15} + \\
 & 4 c_{19} T_1^6 T_2^{15} + 4 c_{34} T_1^6 T_2^{15} + 4 c_{49} T_1^6 T_2^{15} + 4 c_{64} T_1^6 T_2^{15} - 56 c_{81} T_1^6 T_2^{15} - 15 c_{82} T_1^6 T_2^{15} - \\
 & 53 c_{84} T_1^6 T_2^{15} - 16 c_{85} T_1^6 T_2^{15} - 76 a_2 b_3 T_1^7 T_2^{15} + 154 a_4 b_3 T_1^7 T_2^{15} + 114 a_2 b_5 T_1^7 T_2^{15} - \\
 & 238 a_4 b_5 T_1^7 T_2^{15} - 6 c_{16} T_1^7 T_2^{15} - 37 c_{19} T_1^7 T_2^{15} - 6 c_{31} T_1^7 T_2^{15} - 37 c_{34} T_1^7 T_2^{15} - 6 c_{46} T_1^7 T_2^{15} - \\
 & 37 c_{49} T_1^7 T_2^{15} - 6 c_{61} T_1^7 T_2^{15} - 37 c_{64} T_1^7 T_2^{15} + 81 c_{81} T_1^7 T_2^{15} + 36 c_{82} T_1^7 T_2^{15} + 28 c_{84} T_1^7 T_2^{15} + \\
 & 24 c_{85} T_1^7 T_2^{15} + 128 a_2 b_3 T_1^8 T_2^{15} - 268 a_4 b_3 T_1^8 T_2^{15} - 168 a_2 b_5 T_1^8 T_2^{15} + 359 a_4 b_5 T_1^8 T_2^{15} + \\
 & 11 c_{16} T_1^8 T_2^{15} + 39 c_{19} T_1^8 T_2^{15} + 11 c_{31} T_1^8 T_2^{15} + 39 c_{34} T_1^8 T_2^{15} + 11 c_{46} T_1^8 T_2^{15} + 39 c_{49} T_1^8 T_2^{15} + \\
 & 11 c_{61} T_1^8 T_2^{15} + 39 c_{64} T_1^8 T_2^{15} - 41 c_{81} T_1^8 T_2^{15} - 16 c_{82} T_1^8 T_2^{15} - 13 c_{84} T_1^8 T_2^{15} - 16 c_{85} T_1^8 T_2^{15} - \\
 & 185 a_2 b_3 T_1^9 T_2^{15} + 386 a_4 b_3 T_1^9 T_2^{15} + 235 a_2 b_5 T_1^9 T_2^{15} - 490 a_4 b_5 T_1^9 T_2^{15} - 13 c_{16} T_1^9 T_2^{15} -
 \end{aligned}$$

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$$\begin{aligned}
 & 17 c_{19} T_1^9 T_2^{15} - 13 c_{31} T_1^9 T_2^{15} - 17 c_{34} T_1^9 T_2^{15} - 13 c_{46} T_1^9 T_2^{15} - 17 c_{49} T_1^9 T_2^{15} - 13 c_{61} T_1^9 T_2^{15} - \\
 & 17 c_{64} T_1^9 T_2^{15} + 13 c_{81} T_1^9 T_2^{15} + 14 c_{82} T_1^9 T_2^{15} + 8 c_{85} T_1^9 T_2^{15} + 238 a_2 b_3 T_1^{10} T_2^{15} - 515 a_4 b_3 T_1^{10} T_2^{15} - \\
 & 283 a_2 b_5 T_1^{10} T_2^{15} + 638 a_4 b_5 T_1^{10} T_2^{15} + 14 c_{16} T_1^{10} T_2^{15} + 39 c_{19} T_1^{10} T_2^{15} + 14 c_{31} T_1^{10} T_2^{15} + \\
 & 39 c_{34} T_1^{10} T_2^{15} + 14 c_{46} T_1^{10} T_2^{15} + 39 c_{49} T_1^{10} T_2^{15} + 14 c_{61} T_1^{10} T_2^{15} + 39 c_{64} T_1^{10} T_2^{15} + 27 c_{81} T_1^{10} T_2^{15} + \\
 & 22 c_{82} T_1^{10} T_2^{15} + 27 c_{84} T_1^{10} T_2^{15} + 14 c_{85} T_1^{10} T_2^{15} - 297 a_2 b_3 T_1^{11} T_2^{15} + 633 a_4 b_3 T_1^{11} T_2^{15} + \\
 & 364 a_2 b_5 T_1^{11} T_2^{15} - 744 a_4 b_5 T_1^{11} T_2^{15} - 14 c_{16} T_1^{11} T_2^{15} - 29 c_{19} T_1^{11} T_2^{15} - 14 c_{31} T_1^{11} T_2^{15} - \\
 & 29 c_{34} T_1^{11} T_2^{15} - 14 c_{46} T_1^{11} T_2^{15} - 29 c_{49} T_1^{11} T_2^{15} - 14 c_{61} T_1^{11} T_2^{15} - 29 c_{64} T_1^{11} T_2^{15} - 47 c_{81} T_1^{11} T_2^{15} - \\
 & 50 c_{82} T_1^{11} T_2^{15} - 20 c_{84} T_1^{11} T_2^{15} - 24 c_{85} T_1^{11} T_2^{15} + 354 a_2 b_3 T_1^{12} T_2^{15} - 784 a_4 b_3 T_1^{12} T_2^{15} - \\
 & 410 a_2 b_5 T_1^{12} T_2^{15} + 963 a_4 b_5 T_1^{12} T_2^{15} + 13 c_{16} T_1^{12} T_2^{15} + 39 c_{19} T_1^{12} T_2^{15} + 13 c_{31} T_1^{12} T_2^{15} + \\
 & 39 c_{34} T_1^{12} T_2^{15} + 13 c_{46} T_1^{12} T_2^{15} + 39 c_{49} T_1^{12} T_2^{15} + 13 c_{61} T_1^{12} T_2^{15} + 39 c_{64} T_1^{12} T_2^{15} + 79 c_{81} T_1^{12} T_2^{15} + \\
 & 38 c_{82} T_1^{12} T_2^{15} + 59 c_{84} T_1^{12} T_2^{15} + 22 c_{85} T_1^{12} T_2^{15} - 348 a_2 b_3 T_1^{13} T_2^{15} + 826 a_4 b_3 T_1^{13} T_2^{15} + \\
 & 354 a_2 b_5 T_1^{13} T_2^{15} - 836 a_4 b_5 T_1^{13} T_2^{15} - 11 c_{16} T_1^{13} T_2^{15} - 41 c_{19} T_1^{13} T_2^{15} - 11 c_{31} T_1^{13} T_2^{15} - \\
 & 41 c_{34} T_1^{13} T_2^{15} - 11 c_{46} T_1^{13} T_2^{15} - 41 c_{49} T_1^{13} T_2^{15} - 11 c_{61} T_1^{13} T_2^{15} - 41 c_{64} T_1^{13} T_2^{15} - \\
 & 168 c_{81} T_1^{13} T_2^{15} - 114 c_{82} T_1^{13} T_2^{15} - 109 c_{84} T_1^{13} T_2^{15} - 56 c_{85} T_1^{13} T_2^{15} + 296 a_2 b_3 T_1^{14} T_2^{15} - \\
 & 710 a_4 b_3 T_1^{14} T_2^{15} - 298 a_2 b_5 T_1^{14} T_2^{15} + 710 a_4 b_5 T_1^{14} T_2^{15} - 3 c_{16} T_1^{14} T_2^{15} - 23 c_{19} T_1^{14} T_2^{15} - \\
 & 3 c_{31} T_1^{14} T_2^{15} - 23 c_{34} T_1^{14} T_2^{15} - 3 c_{46} T_1^{14} T_2^{15} - 23 c_{49} T_1^{14} T_2^{15} - 3 c_{61} T_1^{14} T_2^{15} - 23 c_{64} T_1^{14} T_2^{15} + \\
 & 193 c_{81} T_1^{14} T_2^{15} + 176 c_{82} T_1^{14} T_2^{15} + 84 c_{84} T_1^{14} T_2^{15} + 80 c_{85} T_1^{14} T_2^{15} - 244 a_2 b_3 T_1^{15} T_2^{15} + \\
 & 594 a_4 b_3 T_1^{15} T_2^{15} + 242 a_2 b_5 T_1^{15} T_2^{15} - 586 a_4 b_5 T_1^{15} T_2^{15} + 25 c_{16} T_1^{15} T_2^{15} + 25 c_{19} T_1^{15} T_2^{15} + \\
 & 25 c_{31} T_1^{15} T_2^{15} + 25 c_{34} T_1^{15} T_2^{15} + 25 c_{46} T_1^{15} T_2^{15} + 25 c_{49} T_1^{15} T_2^{15} + 25 c_{61} T_1^{15} T_2^{15} + 25 c_{64} T_1^{15} T_2^{15} - \\
 & 156 c_{81} T_1^{15} T_2^{15} - 156 c_{82} T_1^{15} T_2^{15} - 72 c_{84} T_1^{15} T_2^{15} - 72 c_{85} T_1^{15} T_2^{15} + 190 a_2 b_3 T_1^{16} T_2^{15} - \\
 & 474 a_4 b_3 T_1^{16} T_2^{15} - 180 a_2 b_5 T_1^{16} T_2^{15} + 452 a_4 b_5 T_1^{16} T_2^{15} - 28 c_{16} T_1^{16} T_2^{15} - 15 c_{19} T_1^{16} T_2^{15} - \\
 & 28 c_{31} T_1^{16} T_2^{15} - 15 c_{34} T_1^{16} T_2^{15} - 28 c_{46} T_1^{16} T_2^{15} - 15 c_{49} T_1^{16} T_2^{15} - 28 c_{61} T_1^{16} T_2^{15} - 15 c_{64} T_1^{16} T_2^{15} + \\
 & 120 c_{81} T_1^{16} T_2^{15} + 145 c_{82} T_1^{16} T_2^{15} + 48 c_{84} T_1^{16} T_2^{15} + 64 c_{85} T_1^{16} T_2^{15} - 138 a_2 b_3 T_1^{17} T_2^{15} + \\
 & 349 a_4 b_3 T_1^{17} T_2^{15} + 127 a_2 b_5 T_1^{17} T_2^{15} - 313 a_4 b_5 T_1^{17} T_2^{15} + 58 c_{16} T_1^{17} T_2^{15} + 27 c_{19} T_1^{17} T_2^{15} + \\
 & 58 c_{31} T_1^{17} T_2^{15} + 27 c_{34} T_1^{17} T_2^{15} + 58 c_{46} T_1^{17} T_2^{15} + 27 c_{49} T_1^{17} T_2^{15} + 58 c_{61} T_1^{17} T_2^{15} + 27 c_{64} T_1^{17} T_2^{15} - \\
 & 80 c_{81} T_1^{17} T_2^{15} - 117 c_{82} T_1^{17} T_2^{15} - 32 c_{84} T_1^{17} T_2^{15} - 49 c_{85} T_1^{17} T_2^{15} + 81 a_2 b_3 T_1^{18} T_2^{15} - \\
 & 227 a_4 b_3 T_1^{18} T_2^{15} - 54 a_2 b_5 T_1^{18} T_2^{15} + 186 a_4 b_5 T_1^{18} T_2^{15} - 53 c_{16} T_1^{18} T_2^{15} - 23 c_{19} T_1^{18} T_2^{15} - \\
 & 53 c_{31} T_1^{18} T_2^{15} - 23 c_{34} T_1^{18} T_2^{15} - 53 c_{46} T_1^{18} T_2^{15} - 23 c_{49} T_1^{18} T_2^{15} - 53 c_{61} T_1^{18} T_2^{15} - 23 c_{64} T_1^{18} T_2^{15} + \\
 & 52 c_{81} T_1^{18} T_2^{15} + 93 c_{82} T_1^{18} T_2^{15} + 20 c_{84} T_1^{18} T_2^{15} + 40 c_{85} T_1^{18} T_2^{15} - 24 a_2 b_3 T_1^{19} T_2^{15} + \\
 & 84 a_4 b_3 T_1^{19} T_2^{15} + 79 c_{16} T_1^{19} T_2^{15} + 29 c_{19} T_1^{19} T_2^{15} + 79 c_{31} T_1^{19} T_2^{15} + 29 c_{34} T_1^{19} T_2^{15} + \\
 & 79 c_{46} T_1^{19} T_2^{15} + 29 c_{49} T_1^{19} T_2^{15} + 79 c_{61} T_1^{19} T_2^{15} + 29 c_{64} T_1^{19} T_2^{15} - 20 c_{81} T_1^{19} T_2^{15} - 89 c_{82} T_1^{19} T_2^{15} - \\
 & 37 c_{85} T_1^{19} T_2^{15} - 66 c_{16} T_1^{20} T_2^{15} - 31 c_{19} T_1^{20} T_2^{15} - 66 c_{31} T_1^{20} T_2^{15} - 31 c_{34} T_1^{20} T_2^{15} - 66 c_{46} T_1^{20} T_2^{15} - \\
 & 31 c_{49} T_1^{20} T_2^{15} - 66 c_{61} T_1^{20} T_2^{15} - 31 c_{64} T_1^{20} T_2^{15} + 41 c_{82} T_1^{20} T_2^{15} + 16 c_{85} T_1^{20} T_2^{15} + \\
 & 2 a_4 b_5 T_1 T_2^{16} - 3 a_4 b_3 T_1^2 T_2^{16} - 3 a_2 b_5 T_1^2 T_2^{16} + a_4 b_5 T_1^2 T_2^{16} - 5 c_{81} T_1^2 T_2^{16} - 5 c_{84} T_1^2 T_2^{16} + \\
 & 4 a_2 b_3 T_1^3 T_2^{16} + 7 a_4 b_3 T_1^3 T_2^{16} - 3 a_2 b_5 T_1^3 T_2^{16} - 6 a_4 b_5 T_1^3 T_2^{16} - 12 c_{19} T_1^3 T_2^{16} - 12 c_{34} T_1^3 T_2^{16} - \\
 & 12 c_{49} T_1^3 T_2^{16} - 12 c_{64} T_1^3 T_2^{16} - 3 c_{81} T_1^3 T_2^{16} - 7 c_{82} T_1^3 T_2^{16} - 8 c_{84} T_1^3 T_2^{16} - 6 a_2 b_3 T_1^4 T_2^{16} - \\
 & 3 a_4 b_3 T_1^4 T_2^{16} - 3 a_2 b_5 T_1^4 T_2^{16} - 7 a_4 b_5 T_1^4 T_2^{16} + 2 c_{16} T_1^4 T_2^{16} + 2 c_{19} T_1^4 T_2^{16} + 2 c_{31} T_1^4 T_2^{16} + \\
 & 2 c_{34} T_1^4 T_2^{16} + 2 c_{46} T_1^4 T_2^{16} + 2 c_{49} T_1^4 T_2^{16} + 2 c_{61} T_1^4 T_2^{16} + 2 c_{64} T_1^4 T_2^{16} + 3 c_{81} T_1^4 T_2^{16} + \\
 & 3 c_{82} T_1^4 T_2^{16} - 5 c_{84} T_1^4 T_2^{16} - 5 c_{85} T_1^4 T_2^{16} + 9 a_2 b_3 T_1^5 T_2^{16} + 9 a_4 b_3 T_1^5 T_2^{16} - 6 a_2 b_5 T_1^5 T_2^{16} - \\
 & 20 a_4 b_5 T_1^5 T_2^{16} - 8 c_{19} T_1^5 T_2^{16} - 8 c_{34} T_1^5 T_2^{16} - 8 c_{49} T_1^5 T_2^{16} - 8 c_{64} T_1^5 T_2^{16} - 11 c_{81} T_1^5 T_2^{16} + \\
 & 5 c_{82} T_1^5 T_2^{16} - 16 c_{84} T_1^5 T_2^{16} + 8 c_{85} T_1^5 T_2^{16} - 36 a_2 b_3 T_1^6 T_2^{16} + 30 a_4 b_3 T_1^6 T_2^{16} + 54 a_2 b_5 T_1^6 T_2^{16} - \\
 & 88 a_4 b_5 T_1^6 T_2^{16} + 4 c_{16} T_1^6 T_2^{16} + 4 c_{19} T_1^6 T_2^{16} + 4 c_{31} T_1^6 T_2^{16} + 4 c_{34} T_1^6 T_2^{16} + 4 c_{46} T_1^6 T_2^{16} + \\
 & 4 c_{49} T_1^6 T_2^{16} + 4 c_{61} T_1^6 T_2^{16} + 4 c_{64} T_1^6 T_2^{16} + 74 c_{81} T_1^6 T_2^{16} + 15 c_{82} T_1^6 T_2^{16} + 58 c_{84} T_1^6 T_2^{16} - \\
 & c_{85} T_1^6 T_2^{16} + 80 a_2 b_3 T_1^7 T_2^{16} - 130 a_4 b_3 T_1^7 T_2^{16} - 102 a_2 b_5 T_1^7 T_2^{16} + 196 a_4 b_5 T_1^7 T_2^{16} + \\
 & 28 c_{19} T_1^7 T_2^{16} + 28 c_{34} T_1^7 T_2^{16} + 28 c_{49} T_1^7 T_2^{16} + 28 c_{64} T_1^7 T_2^{16} - 97 c_{81} T_1^7 T_2^{16} - 24 c_{82} T_1^7 T_2^{16} - \\
 & 39 c_{84} T_1^7 T_2^{16} - 124 a_2 b_3 T_1^8 T_2^{16} + 230 a_4 b_3 T_1^8 T_2^{16} + 150 a_2 b_5 T_1^8 T_2^{16} - 302 a_4 b_5 T_1^8 T_2^{16} - \\
 & 3 c_{16} T_1^8 T_2^{16} - 28 c_{19} T_1^8 T_2^{16} - 3 c_{31} T_1^8 T_2^{16} - 28 c_{34} T_1^8 T_2^{16} - 3 c_{46} T_1^8 T_2^{16} - 28 c_{49} T_1^8 T_2^{16} - \\
 & 3 c_{61} T_1^8 T_2^{16} - 28 c_{64} T_1^8 T_2^{16} + 61 c_{81} T_1^8 T_2^{16} + 8 c_{82} T_1^8 T_2^{16} + 22 c_{84} T_1^8 T_2^{16} - 8 c_{85} T_1^8 T_2^{16} + \\
 & 168 a_2 b_3 T_1^9 T_2^{16} - 335 a_4 b_3 T_1^9 T_2^{16} - 203 a_2 b_5 T_1^9 T_2^{16} + 419 a_4 b_5 T_1^9 T_2^{16} + 5 c_{16} T_1^9 T_2^{16} + \\
 & 28 c_{19} T_1^9 T_2^{16} + 5 c_{31} T_1^9 T_2^{16} + 28 c_{34} T_1^9 T_2^{16} + 5 c_{46} T_1^9 T_2^{16} + 28 c_{49} T_1^9 T_2^{16} + 5 c_{61} T_1^9 T_2^{16} +
 \end{aligned}$$

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$$\begin{aligned}
 & 28 c_{64} T_1^9 T_2^{16} - 25 c_{81} T_1^9 T_2^{16} + 8 c_{82} T_1^9 T_2^{16} - 3 c_{84} T_1^9 T_2^{16} + 16 c_{85} T_1^9 T_2^{16} - 205 a_2 b_3 T_1^{10} T_2^{16} + \\
 & 441 a_4 b_3 T_1^{10} T_2^{16} + 240 a_2 b_5 T_1^{10} T_2^{16} - 537 a_4 b_5 T_1^{10} T_2^{16} - 8 c_{16} T_1^{10} T_2^{16} - 52 c_{19} T_1^{10} T_2^{16} - \\
 & 8 c_{31} T_1^{10} T_2^{16} - 52 c_{34} T_1^{10} T_2^{16} - 8 c_{46} T_1^{10} T_2^{16} - 52 c_{49} T_1^{10} T_2^{16} - 8 c_{61} T_1^{10} T_2^{16} - 52 c_{64} T_1^{10} T_2^{16} - \\
 & 19 c_{81} T_1^{10} T_2^{16} - 38 c_{82} T_1^{10} T_2^{16} - 22 c_{84} T_1^{10} T_2^{16} - 24 c_{85} T_1^{10} T_2^{16} + 248 a_2 b_3 T_1^{11} T_2^{16} - \\
 & 537 a_4 b_3 T_1^{11} T_2^{16} - 305 a_2 b_5 T_1^{11} T_2^{16} + 633 a_4 b_5 T_1^{11} T_2^{16} + 10 c_{16} T_1^{11} T_2^{16} + 32 c_{19} T_1^{11} T_2^{16} + \\
 & 10 c_{31} T_1^{11} T_2^{16} + 32 c_{34} T_1^{11} T_2^{16} + 10 c_{46} T_1^{11} T_2^{16} + 32 c_{49} T_1^{11} T_2^{16} + 10 c_{61} T_1^{11} T_2^{16} + 32 c_{64} T_1^{11} T_2^{16} + \\
 & 43 c_{81} T_1^{11} T_2^{16} + 46 c_{82} T_1^{11} T_2^{16} + 21 c_{84} T_1^{11} T_2^{16} + 22 c_{85} T_1^{11} T_2^{16} - 289 a_2 b_3 T_1^{12} T_2^{16} + \\
 & 659 a_4 b_3 T_1^{12} T_2^{16} + 338 a_2 b_5 T_1^{12} T_2^{16} - 810 a_4 b_5 T_1^{12} T_2^{16} - 11 c_{16} T_1^{12} T_2^{16} - 44 c_{19} T_1^{12} T_2^{16} - \\
 & 11 c_{31} T_1^{12} T_2^{16} - 44 c_{34} T_1^{12} T_2^{16} - 11 c_{46} T_1^{12} T_2^{16} - 44 c_{49} T_1^{12} T_2^{16} - 11 c_{61} T_1^{12} T_2^{16} - 44 c_{64} T_1^{12} T_2^{16} - \\
 & 79 c_{81} T_1^{12} T_2^{16} - 46 c_{82} T_1^{12} T_2^{16} - 58 c_{84} T_1^{12} T_2^{16} - 24 c_{85} T_1^{12} T_2^{16} + 280 a_2 b_3 T_1^{13} T_2^{16} - \\
 & 686 a_4 b_3 T_1^{13} T_2^{16} - 290 a_2 b_5 T_1^{13} T_2^{16} + 702 a_4 b_5 T_1^{13} T_2^{16} + 11 c_{16} T_1^{13} T_2^{16} + 36 c_{19} T_1^{13} T_2^{16} + \\
 & 11 c_{31} T_1^{13} T_2^{16} + 36 c_{34} T_1^{13} T_2^{16} + 11 c_{46} T_1^{13} T_2^{16} + 36 c_{49} T_1^{13} T_2^{16} + 11 c_{61} T_1^{13} T_2^{16} + 36 c_{64} T_1^{13} T_2^{16} + \\
 & 158 c_{81} T_1^{13} T_2^{16} + 102 c_{82} T_1^{13} T_2^{16} + 100 c_{84} T_1^{13} T_2^{16} + 46 c_{85} T_1^{13} T_2^{16} - 236 a_2 b_3 T_1^{14} T_2^{16} + \\
 & 586 a_4 b_3 T_1^{14} T_2^{16} + 242 a_2 b_5 T_1^{14} T_2^{16} - 594 a_4 b_5 T_1^{14} T_2^{16} - c_{16} T_1^{14} T_2^{16} + 28 c_{19} T_1^{14} T_2^{16} - \\
 & c_{31} T_1^{14} T_2^{16} + 28 c_{34} T_1^{14} T_2^{16} - c_{46} T_1^{14} T_2^{16} + 28 c_{49} T_1^{14} T_2^{16} - c_{61} T_1^{14} T_2^{16} + 28 c_{64} T_1^{14} T_2^{16} - \\
 & 181 c_{81} T_1^{14} T_2^{16} - 136 c_{82} T_1^{14} T_2^{16} - 81 c_{84} T_1^{14} T_2^{16} - 56 c_{85} T_1^{14} T_2^{16} + 192 a_2 b_3 T_1^{15} T_2^{16} - \\
 & 486 a_4 b_3 T_1^{15} T_2^{16} - 194 a_2 b_5 T_1^{15} T_2^{16} + 486 a_4 b_5 T_1^{15} T_2^{16} - 15 c_{16} T_1^{15} T_2^{16} - 28 c_{19} T_1^{15} T_2^{16} - \\
 & 15 c_{31} T_1^{15} T_2^{16} - 28 c_{34} T_1^{15} T_2^{16} - 15 c_{46} T_1^{15} T_2^{16} - 28 c_{49} T_1^{15} T_2^{16} - 15 c_{61} T_1^{15} T_2^{16} - 28 c_{64} T_1^{15} T_2^{16} + \\
 & 145 c_{81} T_1^{15} T_2^{16} + 120 c_{82} T_1^{15} T_2^{16} + 64 c_{84} T_1^{15} T_2^{16} + 48 c_{85} T_1^{15} T_2^{16} - 148 a_2 b_3 T_1^{16} T_2^{16} + \\
 & 384 a_4 b_3 T_1^{16} T_2^{16} + 144 a_2 b_5 T_1^{16} T_2^{16} - 372 a_4 b_5 T_1^{16} T_2^{16} + 28 c_{16} T_1^{16} T_2^{16} + 28 c_{19} T_1^{16} T_2^{16} + \\
 & 28 c_{31} T_1^{16} T_2^{16} + 28 c_{34} T_1^{16} T_2^{16} + 28 c_{46} T_1^{16} T_2^{16} + 28 c_{49} T_1^{16} T_2^{16} + 28 c_{61} T_1^{16} T_2^{16} + 28 c_{64} T_1^{16} T_2^{16} - \\
 & 104 c_{81} T_1^{16} T_2^{16} - 104 c_{82} T_1^{16} T_2^{16} - 40 c_{84} T_1^{16} T_2^{16} - 40 c_{85} T_1^{16} T_2^{16} + 107 a_2 b_3 T_1^{17} T_2^{16} - \\
 & 282 a_4 b_3 T_1^{17} T_2^{16} - 101 a_2 b_5 T_1^{17} T_2^{16} + 259 a_4 b_5 T_1^{17} T_2^{16} - 54 c_{16} T_1^{17} T_2^{16} - 40 c_{19} T_1^{17} T_2^{16} - \\
 & 54 c_{31} T_1^{17} T_2^{16} - 40 c_{34} T_1^{17} T_2^{16} - 54 c_{46} T_1^{17} T_2^{16} - 40 c_{49} T_1^{17} T_2^{16} - 54 c_{61} T_1^{17} T_2^{16} - \\
 & 40 c_{64} T_1^{17} T_2^{16} + 68 c_{81} T_1^{17} T_2^{16} + 81 c_{82} T_1^{17} T_2^{16} + 28 c_{84} T_1^{17} T_2^{16} + 32 c_{85} T_1^{17} T_2^{16} - \\
 & 62 a_2 b_3 T_1^{18} T_2^{16} + 182 a_4 b_3 T_1^{18} T_2^{16} + 42 a_2 b_5 T_1^{18} T_2^{16} - 150 a_4 b_5 T_1^{18} T_2^{16} + 47 c_{16} T_1^{18} T_2^{16} + \\
 & 30 c_{19} T_1^{18} T_2^{16} + 47 c_{31} T_1^{18} T_2^{16} + 30 c_{34} T_1^{18} T_2^{16} + 47 c_{46} T_1^{18} T_2^{16} + 30 c_{49} T_1^{18} T_2^{16} + \\
 & 47 c_{61} T_1^{18} T_2^{16} + 30 c_{64} T_1^{18} T_2^{16} - 44 c_{81} T_1^{18} T_2^{16} - 69 c_{82} T_1^{18} T_2^{16} - 16 c_{84} T_1^{18} T_2^{16} - \\
 & 29 c_{85} T_1^{18} T_2^{16} + 18 a_2 b_3 T_1^{19} T_2^{16} - 66 a_4 b_3 T_1^{19} T_2^{16} - 69 c_{16} T_1^{19} T_2^{16} - 36 c_{19} T_1^{19} T_2^{16} - \\
 & 69 c_{31} T_1^{19} T_2^{16} - 36 c_{34} T_1^{19} T_2^{16} - 69 c_{46} T_1^{19} T_2^{16} - 36 c_{49} T_1^{19} T_2^{16} - 69 c_{61} T_1^{19} T_2^{16} - \\
 & 36 c_{64} T_1^{19} T_2^{16} + 16 c_{81} T_1^{19} T_2^{16} + 61 c_{82} T_1^{19} T_2^{16} + 24 c_{85} T_1^{19} T_2^{16} + 54 c_{16} T_1^{20} T_2^{16} + \\
 & 32 c_{19} T_1^{20} T_2^{16} + 54 c_{31} T_1^{20} T_2^{16} + 32 c_{34} T_1^{20} T_2^{16} + 54 c_{46} T_1^{20} T_2^{16} + 32 c_{49} T_1^{20} T_2^{16} + \\
 & 54 c_{61} T_1^{20} T_2^{16} + 32 c_{64} T_1^{20} T_2^{16} - 25 c_{82} T_1^{20} T_2^{16} - 9 c_{85} T_1^{20} T_2^{16} - 3 a_4 b_5 T_1^2 T_2^{17} + 4 a_4 b_3 T_1^3 T_2^{17} + \\
 & 4 a_2 b_5 T_1^3 T_2^{17} + 7 c_{81} T_1^3 T_2^{17} + 7 c_{84} T_1^3 T_2^{17} - 5 a_2 b_3 T_1^4 T_2^{17} - 10 a_4 b_3 T_1^4 T_2^{17} + 3 a_2 b_5 T_1^4 T_2^{17} + \\
 & 7 a_4 b_5 T_1^4 T_2^{17} + 12 c_{19} T_1^4 T_2^{17} + 12 c_{34} T_1^4 T_2^{17} + 12 c_{49} T_1^4 T_2^{17} + 12 c_{64} T_1^4 T_2^{17} + c_{81} T_1^4 T_2^{17} + \\
 & 5 c_{82} T_1^4 T_2^{17} + 8 c_{84} T_1^4 T_2^{17} + 8 a_2 b_3 T_1^5 T_2^{17} + 6 a_4 b_3 T_1^5 T_2^{17} + 4 a_2 b_5 T_1^5 T_2^{17} + 10 a_4 b_5 T_1^5 T_2^{17} - \\
 & 2 c_{16} T_1^5 T_2^{17} - 2 c_{19} T_1^5 T_2^{17} - 2 c_{31} T_1^5 T_2^{17} - 2 c_{34} T_1^5 T_2^{17} - 2 c_{46} T_1^5 T_2^{17} - 2 c_{49} T_1^5 T_2^{17} - \\
 & 2 c_{61} T_1^5 T_2^{17} - 2 c_{64} T_1^5 T_2^{17} - c_{81} T_1^5 T_2^{17} - 5 c_{82} T_1^5 T_2^{17} + 7 c_{84} T_1^5 T_2^{17} + 3 c_{85} T_1^5 T_2^{17} + \\
 & 8 a_2 b_3 T_1^6 T_2^{17} - 40 a_4 b_3 T_1^6 T_2^{17} - 40 a_2 b_5 T_1^6 T_2^{17} + 80 a_4 b_5 T_1^6 T_2^{17} + 8 c_{19} T_1^6 T_2^{17} + \\
 & 8 c_{34} T_1^6 T_2^{17} + 8 c_{49} T_1^6 T_2^{17} + 8 c_{64} T_1^6 T_2^{17} - 40 c_{81} T_1^6 T_2^{17} - 7 c_{82} T_1^6 T_2^{17} - 33 c_{84} T_1^6 T_2^{17} - \\
 & 8 c_{85} T_1^6 T_2^{17} - 36 a_2 b_3 T_1^7 T_2^{17} + 120 a_4 b_3 T_1^7 T_2^{17} + 76 a_2 b_5 T_1^7 T_2^{17} - 170 a_4 b_5 T_1^7 T_2^{17} - \\
 & 4 c_{16} T_1^7 T_2^{17} - 34 c_{19} T_1^7 T_2^{17} - 4 c_{31} T_1^7 T_2^{17} - 34 c_{34} T_1^7 T_2^{17} - 4 c_{46} T_1^7 T_2^{17} - 34 c_{49} T_1^7 T_2^{17} - \\
 & 4 c_{61} T_1^7 T_2^{17} - 34 c_{64} T_1^7 T_2^{17} + 45 c_{81} T_1^7 T_2^{17} + 8 c_{82} T_1^7 T_2^{17} + 12 c_{84} T_1^7 T_2^{17} + 8 c_{85} T_1^7 T_2^{17} + \\
 & 64 a_2 b_3 T_1^8 T_2^{17} - 200 a_4 b_3 T_1^8 T_2^{17} - 112 a_2 b_5 T_1^8 T_2^{17} + 260 a_4 b_5 T_1^8 T_2^{17} + 7 c_{16} T_1^8 T_2^{17} + \\
 & 30 c_{19} T_1^8 T_2^{17} + 7 c_{31} T_1^8 T_2^{17} + 30 c_{34} T_1^8 T_2^{17} + 7 c_{46} T_1^8 T_2^{17} + 30 c_{49} T_1^8 T_2^{17} + 7 c_{61} T_1^8 T_2^{17} + \\
 & 30 c_{64} T_1^8 T_2^{17} - 5 c_{81} T_1^8 T_2^{17} + 4 c_{82} T_1^8 T_2^{17} + 7 c_{84} T_1^8 T_2^{17} - 4 c_{85} T_1^8 T_2^{17} - 92 a_2 b_3 T_1^9 T_2^{17} + \\
 & 280 a_4 b_3 T_1^9 T_2^{17} + 148 a_2 b_5 T_1^9 T_2^{17} - 355 a_4 b_5 T_1^9 T_2^{17} - 9 c_{16} T_1^9 T_2^{17} - 26 c_{19} T_1^9 T_2^{17} - \\
 & 9 c_{31} T_1^9 T_2^{17} - 26 c_{34} T_1^9 T_2^{17} - 9 c_{46} T_1^9 T_2^{17} - 26 c_{49} T_1^9 T_2^{17} - 9 c_{61} T_1^9 T_2^{17} - 26 c_{64} T_1^9 T_2^{17} - \\
 & 31 c_{81} T_1^9 T_2^{17} - 16 c_{82} T_1^9 T_2^{17} - 24 c_{84} T_1^9 T_2^{17} + 120 a_2 b_3 T_1^{10} T_2^{17} - 353 a_4 b_3 T_1^{10} T_2^{17} - \\
 & 177 a_2 b_5 T_1^{10} T_2^{17} + 439 a_4 b_5 T_1^{10} T_2^{17} + 10 c_{16} T_1^{10} T_2^{17} + 22 c_{19} T_1^{10} T_2^{17} + 10 c_{31} T_1^{10} T_2^{17} +
 \end{aligned}$$

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$$\begin{aligned}
 & 22 c_{34} T_1^{10} T_2^{17} + 10 c_{46} T_1^{10} T_2^{17} + 22 c_{49} T_1^{10} T_2^{17} + 10 c_{61} T_1^{10} T_2^{17} + 22 c_{64} T_1^{10} T_2^{17} + 63 c_{81} T_1^{10} T_2^{17} + \\
 & 28 c_{82} T_1^{10} T_2^{17} + 39 c_{84} T_1^{10} T_2^{17} + 4 c_{85} T_1^{10} T_2^{17} - 158 a_2 b_3 T_1^{11} T_2^{17} + 425 a_4 b_3 T_1^{11} T_2^{17} + \\
 & 229 a_2 b_5 T_1^{11} T_2^{17} - 523 a_4 b_5 T_1^{11} T_2^{17} - 8 c_{16} T_1^{11} T_2^{17} + 6 c_{19} T_1^{11} T_2^{17} - 8 c_{31} T_1^{11} T_2^{17} + \\
 & 6 c_{34} T_1^{11} T_2^{17} - 8 c_{46} T_1^{11} T_2^{17} + 6 c_{49} T_1^{11} T_2^{17} - 8 c_{61} T_1^{11} T_2^{17} + 6 c_{64} T_1^{11} T_2^{17} - 75 c_{81} T_1^{11} T_2^{17} - \\
 & 30 c_{82} T_1^{11} T_2^{17} - 36 c_{84} T_1^{11} T_2^{17} - 8 c_{85} T_1^{11} T_2^{17} + 192 a_2 b_3 T_1^{12} T_2^{17} - 518 a_4 b_3 T_1^{12} T_2^{17} - \\
 & 252 a_2 b_5 T_1^{12} T_2^{17} + 654 a_4 b_5 T_1^{12} T_2^{17} + 5 c_{16} T_1^{12} T_2^{17} + 10 c_{19} T_1^{12} T_2^{17} + 5 c_{31} T_1^{12} T_2^{17} + \\
 & 10 c_{34} T_1^{12} T_2^{17} + 5 c_{46} T_1^{12} T_2^{17} + 10 c_{49} T_1^{12} T_2^{17} + 5 c_{61} T_1^{12} T_2^{17} + 10 c_{64} T_1^{12} T_2^{17} + 99 c_{81} T_1^{12} T_2^{17} + \\
 & 42 c_{82} T_1^{12} T_2^{17} + 63 c_{84} T_1^{12} T_2^{17} + 18 c_{85} T_1^{12} T_2^{17} - 188 a_2 b_3 T_1^{13} T_2^{17} + 532 a_4 b_3 T_1^{13} T_2^{17} + \\
 & 216 a_2 b_5 T_1^{13} T_2^{17} - 564 a_4 b_5 T_1^{13} T_2^{17} - c_{16} T_1^{13} T_2^{17} + 6 c_{19} T_1^{13} T_2^{17} - c_{31} T_1^{13} T_2^{17} + 6 c_{34} T_1^{13} T_2^{17} - \\
 & c_{46} T_1^{13} T_2^{17} + 6 c_{49} T_1^{13} T_2^{17} - c_{61} T_1^{13} T_2^{17} + 6 c_{64} T_1^{13} T_2^{17} - 152 c_{81} T_1^{13} T_2^{17} - 78 c_{82} T_1^{13} T_2^{17} - \\
 & 89 c_{84} T_1^{13} T_2^{17} - 32 c_{85} T_1^{13} T_2^{17} + 160 a_2 b_3 T_1^{14} T_2^{17} - 452 a_4 b_3 T_1^{14} T_2^{17} - 180 a_2 b_5 T_1^{14} T_2^{17} + \\
 & 474 a_4 b_5 T_1^{14} T_2^{17} - 11 c_{16} T_1^{14} T_2^{17} - 62 c_{19} T_1^{14} T_2^{17} - 11 c_{31} T_1^{14} T_2^{17} - 62 c_{34} T_1^{14} T_2^{17} - \\
 & 11 c_{46} T_1^{14} T_2^{17} - 62 c_{49} T_1^{14} T_2^{17} - 11 c_{61} T_1^{14} T_2^{17} - 62 c_{64} T_1^{14} T_2^{17} + 157 c_{81} T_1^{14} T_2^{17} + \\
 & 92 c_{82} T_1^{14} T_2^{17} + 68 c_{84} T_1^{14} T_2^{17} + 36 c_{85} T_1^{14} T_2^{17} - 132 a_2 b_3 T_1^{15} T_2^{17} + 372 a_4 b_3 T_1^{15} T_2^{17} + \\
 & 144 a_2 b_5 T_1^{15} T_2^{17} - 384 a_4 b_5 T_1^{15} T_2^{17} + 27 c_{16} T_1^{15} T_2^{17} + 58 c_{19} T_1^{15} T_2^{17} + 27 c_{31} T_1^{15} T_2^{17} + \\
 & 58 c_{34} T_1^{15} T_2^{17} + 27 c_{46} T_1^{15} T_2^{17} + 58 c_{49} T_1^{15} T_2^{17} + 27 c_{61} T_1^{15} T_2^{17} + 58 c_{64} T_1^{15} T_2^{17} - 117 c_{81} T_1^{15} T_2^{17} - \\
 & 80 c_{82} T_1^{15} T_2^{17} - 49 c_{84} T_1^{15} T_2^{17} - 32 c_{85} T_1^{15} T_2^{17} + 104 a_2 b_3 T_1^{16} T_2^{17} - 292 a_4 b_3 T_1^{16} T_2^{17} - \\
 & 108 a_2 b_5 T_1^{16} T_2^{17} + 292 a_4 b_5 T_1^{16} T_2^{17} - 40 c_{16} T_1^{16} T_2^{17} - 54 c_{19} T_1^{16} T_2^{17} - 40 c_{31} T_1^{16} T_2^{17} - \\
 & 54 c_{34} T_1^{16} T_2^{17} - 40 c_{46} T_1^{16} T_2^{17} - 54 c_{49} T_1^{16} T_2^{17} - 40 c_{61} T_1^{16} T_2^{17} - 54 c_{64} T_1^{16} T_2^{17} + 81 c_{81} T_1^{16} T_2^{17} + \\
 & 68 c_{82} T_1^{16} T_2^{17} + 32 c_{84} T_1^{16} T_2^{17} + 28 c_{85} T_1^{16} T_2^{17} - 76 a_2 b_3 T_1^{17} T_2^{17} + 215 a_4 b_3 T_1^{17} T_2^{17} + \\
 & 75 a_2 b_5 T_1^{17} T_2^{17} - 205 a_4 b_5 T_1^{17} T_2^{17} + 50 c_{16} T_1^{17} T_2^{17} + 50 c_{19} T_1^{17} T_2^{17} + 50 c_{31} T_1^{17} T_2^{17} + \\
 & 50 c_{34} T_1^{17} T_2^{17} + 50 c_{46} T_1^{17} T_2^{17} + 50 c_{49} T_1^{17} T_2^{17} + 50 c_{61} T_1^{17} T_2^{17} + 50 c_{64} T_1^{17} T_2^{17} - 56 c_{81} T_1^{17} T_2^{17} - \\
 & 56 c_{82} T_1^{17} T_2^{17} - 24 c_{84} T_1^{17} T_2^{17} - 24 c_{85} T_1^{17} T_2^{17} + 43 a_2 b_3 T_1^{18} T_2^{17} - 137 a_4 b_3 T_1^{18} T_2^{17} - \\
 & 30 a_2 b_5 T_1^{18} T_2^{17} + 114 a_4 b_5 T_1^{18} T_2^{17} - 41 c_{16} T_1^{18} T_2^{17} - 34 c_{19} T_1^{18} T_2^{17} - 41 c_{31} T_1^{18} T_2^{17} - \\
 & 34 c_{34} T_1^{18} T_2^{17} - 41 c_{46} T_1^{18} T_2^{17} - 34 c_{49} T_1^{18} T_2^{17} - 41 c_{61} T_1^{18} T_2^{17} - 34 c_{64} T_1^{18} T_2^{17} + \\
 & 36 c_{81} T_1^{18} T_2^{17} + 49 c_{82} T_1^{18} T_2^{17} + 12 c_{84} T_1^{18} T_2^{17} + 20 c_{85} T_1^{18} T_2^{17} - 12 a_2 b_3 T_1^{19} T_2^{17} + \\
 & 48 a_4 b_3 T_1^{19} T_2^{17} + 59 c_{16} T_1^{19} T_2^{17} + 40 c_{19} T_1^{19} T_2^{17} + 59 c_{31} T_1^{19} T_2^{17} + 40 c_{34} T_1^{19} T_2^{17} + \\
 & 59 c_{46} T_1^{19} T_2^{17} + 40 c_{49} T_1^{19} T_2^{17} + 59 c_{61} T_1^{19} T_2^{17} + 40 c_{64} T_1^{19} T_2^{17} - 12 c_{81} T_1^{19} T_2^{17} - \\
 & 37 c_{82} T_1^{19} T_2^{17} - 13 c_{85} T_1^{19} T_2^{17} - 42 c_{16} T_1^{20} T_2^{17} - 30 c_{19} T_1^{20} T_2^{17} - 42 c_{31} T_1^{20} T_2^{17} - \\
 & 30 c_{34} T_1^{20} T_2^{17} - 42 c_{46} T_1^{20} T_2^{17} - 30 c_{49} T_1^{20} T_2^{17} - 42 c_{61} T_1^{20} T_2^{17} - 30 c_{64} T_1^{20} T_2^{17} + \\
 & 13 c_{82} T_1^{20} T_2^{17} + 4 c_{85} T_1^{20} T_2^{17} + 4 a_4 b_5 T_1^3 T_2^{18} - 5 a_4 b_3 T_1^4 T_2^{18} - 5 a_2 b_5 T_1^4 T_2^{18} - a_4 b_5 T_1^4 T_2^{18} - \\
 & 9 c_{81} T_1^4 T_2^{18} - 9 c_{84} T_1^4 T_2^{18} + 6 a_2 b_3 T_1^5 T_2^{18} + 13 a_4 b_3 T_1^5 T_2^{18} - 3 a_2 b_5 T_1^5 T_2^{18} - 8 a_4 b_5 T_1^5 T_2^{18} - \\
 & 12 c_{19} T_1^5 T_2^{18} - 12 c_{34} T_1^5 T_2^{18} - 12 c_{49} T_1^5 T_2^{18} - 12 c_{64} T_1^5 T_2^{18} + c_{81} T_1^5 T_2^{18} - 3 c_{82} T_1^5 T_2^{18} - \\
 & 8 c_{84} T_1^5 T_2^{18} - 24 a_2 b_3 T_1^6 T_2^{18} + 11 a_4 b_3 T_1^6 T_2^{18} + 29 a_2 b_5 T_1^6 T_2^{18} - 59 a_4 b_5 T_1^6 T_2^{18} + \\
 & 2 c_{16} T_1^6 T_2^{18} + 2 c_{19} T_1^6 T_2^{18} + 2 c_{31} T_1^6 T_2^{18} + 2 c_{34} T_1^6 T_2^{18} + 2 c_{46} T_1^6 T_2^{18} + 2 c_{49} T_1^6 T_2^{18} + \\
 & 2 c_{61} T_1^6 T_2^{18} + 2 c_{64} T_1^6 T_2^{18} + 34 c_{81} T_1^6 T_2^{18} + 7 c_{82} T_1^6 T_2^{18} + 26 c_{84} T_1^6 T_2^{18} - c_{85} T_1^6 T_2^{18} + \\
 & 48 a_2 b_3 T_1^7 T_2^{18} - 65 a_4 b_3 T_1^7 T_2^{18} - 55 a_2 b_5 T_1^7 T_2^{18} + 126 a_4 b_5 T_1^7 T_2^{18} + 17 c_{19} T_1^7 T_2^{18} + \\
 & 17 c_{34} T_1^7 T_2^{18} + 17 c_{49} T_1^7 T_2^{18} + 17 c_{64} T_1^7 T_2^{18} - 37 c_{81} T_1^7 T_2^{18} - 4 c_{82} T_1^7 T_2^{18} - 11 c_{84} T_1^7 T_2^{18} + \\
 & 4 c_{85} T_1^7 T_2^{18} - 72 a_2 b_3 T_1^8 T_2^{18} + 119 a_4 b_3 T_1^8 T_2^{18} + 81 a_2 b_5 T_1^8 T_2^{18} - 193 a_4 b_5 T_1^8 T_2^{18} - \\
 & c_{16} T_1^8 T_2^{18} - 11 c_{19} T_1^8 T_2^{18} - c_{31} T_1^8 T_2^{18} - 11 c_{34} T_1^8 T_2^{18} - c_{46} T_1^8 T_2^{18} - 11 c_{49} T_1^8 T_2^{18} - c_{61} T_1^8 T_2^{18} - \\
 & 11 c_{64} T_1^8 T_2^{18} + 9 c_{81} T_1^8 T_2^{18} - 4 c_{82} T_1^8 T_2^{18} - 2 c_{84} T_1^8 T_2^{18} - 8 c_{85} T_1^8 T_2^{18} + 96 a_2 b_3 T_1^9 T_2^{18} - \\
 & 173 a_4 b_3 T_1^9 T_2^{18} - 107 a_2 b_5 T_1^9 T_2^{18} + 260 a_4 b_5 T_1^9 T_2^{18} + c_{16} T_1^9 T_2^{18} + 5 c_{19} T_1^9 T_2^{18} + c_{31} T_1^9 T_2^{18} + \\
 & 5 c_{34} T_1^9 T_2^{18} + c_{46} T_1^9 T_2^{18} + 5 c_{49} T_1^9 T_2^{18} + c_{61} T_1^9 T_2^{18} + 5 c_{64} T_1^9 T_2^{18} + 15 c_{81} T_1^9 T_2^{18} + \\
 & 12 c_{82} T_1^9 T_2^{18} + 13 c_{84} T_1^9 T_2^{18} + 12 c_{85} T_1^9 T_2^{18} - 120 a_2 b_3 T_1^{10} T_2^{18} + 227 a_4 b_3 T_1^{10} T_2^{18} + \\
 & 133 a_2 b_5 T_1^{10} T_2^{18} - 320 a_4 b_5 T_1^{10} T_2^{18} + c_{19} T_1^{10} T_2^{18} + c_{34} T_1^{10} T_2^{18} + c_{49} T_1^{10} T_2^{18} + c_{64} T_1^{10} T_2^{18} - \\
 & 35 c_{81} T_1^{10} T_2^{18} - 20 c_{82} T_1^{10} T_2^{18} - 22 c_{84} T_1^{10} T_2^{18} - 16 c_{85} T_1^{10} T_2^{18} + 144 a_2 b_3 T_1^{11} T_2^{18} - \\
 & 291 a_4 b_3 T_1^{11} T_2^{18} - 169 a_2 b_5 T_1^{11} T_2^{18} + 396 a_4 b_5 T_1^{11} T_2^{18} - 2 c_{16} T_1^{11} T_2^{18} - 7 c_{19} T_1^{11} T_2^{18} - \\
 & 2 c_{31} T_1^{11} T_2^{18} - 7 c_{34} T_1^{11} T_2^{18} - 2 c_{46} T_1^{11} T_2^{18} - 7 c_{49} T_1^{11} T_2^{18} - 2 c_{61} T_1^{11} T_2^{18} - 7 c_{64} T_1^{11} T_2^{18} + \\
 & 47 c_{81} T_1^{11} T_2^{18} + 28 c_{82} T_1^{11} T_2^{18} + 25 c_{84} T_1^{11} T_2^{18} + 20 c_{85} T_1^{11} T_2^{18} - 156 a_2 b_3 T_1^{12} T_2^{18} + \\
 & 361 a_4 b_3 T_1^{12} T_2^{18} + 179 a_2 b_5 T_1^{12} T_2^{18} - 483 a_4 b_5 T_1^{12} T_2^{18} + 3 c_{16} T_1^{12} T_2^{18} - 11 c_{19} T_1^{12} T_2^{18} +
 \end{aligned}$$



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$$\begin{aligned}
 & 3 c_{31} T_1^{12} T_2^{18} - 11 c_{34} T_1^{12} T_2^{18} + 3 c_{46} T_1^{12} T_2^{18} - 11 c_{49} T_1^{12} T_2^{18} + 3 c_{61} T_1^{12} T_2^{18} - 11 c_{64} T_1^{12} T_2^{18} - \\
 & 75 c_{81} T_1^{12} T_2^{18} - 42 c_{82} T_1^{12} T_2^{18} - 50 c_{84} T_1^{12} T_2^{18} - 24 c_{85} T_1^{12} T_2^{18} + 144 a_2 b_3 T_1^{13} T_2^{18} - \\
 & 367 a_4 b_3 T_1^{13} T_2^{18} - 153 a_2 b_5 T_1^{13} T_2^{18} + 416 a_4 b_5 T_1^{13} T_2^{18} - 5 c_{16} T_1^{13} T_2^{18} - 15 c_{19} T_1^{13} T_2^{18} - \\
 & 5 c_{31} T_1^{13} T_2^{18} - 15 c_{34} T_1^{13} T_2^{18} - 5 c_{46} T_1^{13} T_2^{18} - 15 c_{49} T_1^{13} T_2^{18} - 5 c_{61} T_1^{13} T_2^{18} - 15 c_{64} T_1^{13} T_2^{18} + \\
 & 118 c_{81} T_1^{13} T_2^{18} + 58 c_{82} T_1^{13} T_2^{18} + 68 c_{84} T_1^{13} T_2^{18} + 26 c_{85} T_1^{13} T_2^{18} - 120 a_2 b_3 T_1^{14} T_2^{18} + \\
 & 313 a_4 b_3 T_1^{14} T_2^{18} + 127 a_2 b_5 T_1^{14} T_2^{18} - 349 a_4 b_5 T_1^{14} T_2^{18} + 13 c_{16} T_1^{14} T_2^{18} + 59 c_{19} T_1^{14} T_2^{18} + \\
 & 13 c_{31} T_1^{14} T_2^{18} + 59 c_{34} T_1^{14} T_2^{18} + 13 c_{46} T_1^{14} T_2^{18} + 59 c_{49} T_1^{14} T_2^{18} + 13 c_{61} T_1^{14} T_2^{18} + 59 c_{64} T_1^{14} T_2^{18} - \\
 & 121 c_{81} T_1^{14} T_2^{18} - 60 c_{82} T_1^{14} T_2^{18} - 53 c_{84} T_1^{14} T_2^{18} - 24 c_{85} T_1^{14} T_2^{18} + 96 a_2 b_3 T_1^{15} T_2^{18} - \\
 & 259 a_4 b_3 T_1^{15} T_2^{18} - 101 a_2 b_5 T_1^{15} T_2^{18} + 282 a_4 b_5 T_1^{15} T_2^{18} - 23 c_{16} T_1^{15} T_2^{18} - 53 c_{19} T_1^{15} T_2^{18} - \\
 & 23 c_{31} T_1^{15} T_2^{18} - 53 c_{34} T_1^{15} T_2^{18} - 23 c_{46} T_1^{15} T_2^{18} - 53 c_{49} T_1^{15} T_2^{18} - 23 c_{61} T_1^{15} T_2^{18} - 53 c_{64} T_1^{15} T_2^{18} + \\
 & 93 c_{81} T_1^{15} T_2^{18} + 52 c_{82} T_1^{15} T_2^{18} + 40 c_{84} T_1^{15} T_2^{18} + 20 c_{85} T_1^{15} T_2^{18} - 72 a_2 b_3 T_1^{16} T_2^{18} + \\
 & 205 a_4 b_3 T_1^{16} T_2^{18} + 75 a_2 b_5 T_1^{16} T_2^{18} - 215 a_4 b_5 T_1^{16} T_2^{18} + 30 c_{16} T_1^{16} T_2^{18} + 47 c_{19} T_1^{16} T_2^{18} + \\
 & 30 c_{31} T_1^{16} T_2^{18} + 47 c_{34} T_1^{16} T_2^{18} + 30 c_{46} T_1^{16} T_2^{18} + 47 c_{49} T_1^{16} T_2^{18} + 30 c_{61} T_1^{16} T_2^{18} + 47 c_{64} T_1^{16} T_2^{18} - \\
 & 69 c_{81} T_1^{16} T_2^{18} - 44 c_{82} T_1^{16} T_2^{18} - 29 c_{84} T_1^{16} T_2^{18} - 16 c_{85} T_1^{16} T_2^{18} + 48 a_2 b_3 T_1^{17} T_2^{18} - \\
 & 151 a_4 b_3 T_1^{17} T_2^{18} - 49 a_2 b_5 T_1^{17} T_2^{18} + 151 a_4 b_5 T_1^{17} T_2^{18} - 34 c_{16} T_1^{17} T_2^{18} - 41 c_{19} T_1^{17} T_2^{18} - \\
 & 34 c_{31} T_1^{17} T_2^{18} - 41 c_{34} T_1^{17} T_2^{18} - 34 c_{46} T_1^{17} T_2^{18} - 41 c_{49} T_1^{17} T_2^{18} - 34 c_{61} T_1^{17} T_2^{18} - \\
 & 41 c_{64} T_1^{17} T_2^{18} + 49 c_{81} T_1^{17} T_2^{18} + 36 c_{82} T_1^{17} T_2^{18} + 20 c_{84} T_1^{17} T_2^{18} + 12 c_{85} T_1^{17} T_2^{18} - \\
 & 24 a_2 b_3 T_1^{18} T_2^{18} + 92 a_4 b_3 T_1^{18} T_2^{18} + 18 a_2 b_5 T_1^{18} T_2^{18} - 78 a_4 b_5 T_1^{18} T_2^{18} + 35 c_{16} T_1^{18} T_2^{18} + \\
 & 35 c_{19} T_1^{18} T_2^{18} + 35 c_{31} T_1^{18} T_2^{18} + 35 c_{34} T_1^{18} T_2^{18} + 35 c_{46} T_1^{18} T_2^{18} + 35 c_{49} T_1^{18} T_2^{18} + \\
 & 35 c_{61} T_1^{18} T_2^{18} + 35 c_{64} T_1^{18} T_2^{18} - 28 c_{81} T_1^{18} T_2^{18} - 28 c_{82} T_1^{18} T_2^{18} - 8 c_{84} T_1^{18} T_2^{18} - 8 c_{85} T_1^{18} T_2^{18} + \\
 & 6 a_2 b_3 T_1^{19} T_2^{18} - 30 a_4 b_3 T_1^{19} T_2^{18} - 49 c_{16} T_1^{19} T_2^{18} - 41 c_{19} T_1^{19} T_2^{18} - 49 c_{31} T_1^{19} T_2^{18} - \\
 & 41 c_{34} T_1^{19} T_2^{18} - 49 c_{46} T_1^{19} T_2^{18} - 41 c_{49} T_1^{19} T_2^{18} - 49 c_{61} T_1^{19} T_2^{18} - 41 c_{64} T_1^{19} T_2^{18} + \\
 & 8 c_{81} T_1^{19} T_2^{18} + 17 c_{82} T_1^{19} T_2^{18} + 4 c_{85} T_1^{19} T_2^{18} + 30 c_{16} T_1^{20} T_2^{18} + 25 c_{19} T_1^{20} T_2^{18} + 30 c_{31} T_1^{20} T_2^{18} + \\
 & 25 c_{34} T_1^{20} T_2^{18} + 30 c_{46} T_1^{20} T_2^{18} + 25 c_{49} T_1^{20} T_2^{18} + 30 c_{61} T_1^{20} T_2^{18} + 25 c_{64} T_1^{20} T_2^{18} - 5 c_{82} T_1^{20} T_2^{18} - \\
 & c_{85} T_1^{20} T_2^{18} - 5 a_4 b_5 T_1^4 T_2^{19} + 6 a_4 b_3 T_1^5 T_2^{19} + 6 a_2 b_5 T_1^5 T_2^{19} + 2 a_4 b_5 T_1^5 T_2^{19} + 11 c_{81} T_1^5 T_2^{19} + \\
 & 11 c_{84} T_1^5 T_2^{19} - 30 a_4 b_3 T_1^6 T_2^{19} - 18 a_2 b_5 T_1^6 T_2^{19} + 43 a_4 b_5 T_1^6 T_2^{19} + 12 c_{19} T_1^6 T_2^{19} + \\
 & 12 c_{34} T_1^6 T_2^{19} + 12 c_{49} T_1^6 T_2^{19} + 12 c_{64} T_1^6 T_2^{19} - 24 c_{81} T_1^6 T_2^{19} + c_{82} T_1^6 T_2^{19} - 13 c_{84} T_1^6 T_2^{19} + \\
 & 66 a_4 b_3 T_1^7 T_2^{19} + 30 a_2 b_5 T_1^7 T_2^{19} - 88 a_4 b_5 T_1^7 T_2^{19} - 2 c_{16} T_1^7 T_2^{19} - 19 c_{19} T_1^7 T_2^{19} - 2 c_{31} T_1^7 T_2^{19} - \\
 & 19 c_{34} T_1^7 T_2^{19} - 2 c_{46} T_1^7 T_2^{19} - 19 c_{49} T_1^7 T_2^{19} - 2 c_{61} T_1^7 T_2^{19} - 19 c_{64} T_1^7 T_2^{19} + 9 c_{81} T_1^7 T_2^{19} - \\
 & 4 c_{82} T_1^7 T_2^{19} - 4 c_{84} T_1^7 T_2^{19} - 102 a_4 b_3 T_1^8 T_2^{19} - 42 a_2 b_5 T_1^8 T_2^{19} + 133 a_4 b_5 T_1^8 T_2^{19} + \\
 & 3 c_{16} T_1^8 T_2^{19} + 9 c_{19} T_1^8 T_2^{19} + 3 c_{31} T_1^8 T_2^{19} + 9 c_{34} T_1^8 T_2^{19} + 3 c_{46} T_1^8 T_2^{19} + 9 c_{49} T_1^8 T_2^{19} + \\
 & 3 c_{61} T_1^8 T_2^{19} + 9 c_{64} T_1^8 T_2^{19} + 23 c_{81} T_1^8 T_2^{19} + 8 c_{82} T_1^8 T_2^{19} + 19 c_{84} T_1^8 T_2^{19} + 138 a_4 b_3 T_1^9 T_2^{19} + \\
 & 54 a_2 b_5 T_1^9 T_2^{19} - 178 a_4 b_5 T_1^9 T_2^{19} - 3 c_{16} T_1^9 T_2^{19} + c_{19} T_1^9 T_2^{19} - 3 c_{31} T_1^9 T_2^{19} + c_{34} T_1^9 T_2^{19} - \\
 & 3 c_{46} T_1^9 T_2^{19} + c_{49} T_1^9 T_2^{19} - 3 c_{61} T_1^9 T_2^{19} + c_{64} T_1^9 T_2^{19} - 51 c_{81} T_1^9 T_2^{19} - 12 c_{82} T_1^9 T_2^{19} - \\
 & 32 c_{84} T_1^9 T_2^{19} - 174 a_4 b_3 T_1^{10} T_2^{19} - 66 a_2 b_5 T_1^{10} T_2^{19} + 223 a_4 b_5 T_1^{10} T_2^{19} + 2 c_{16} T_1^{10} T_2^{19} - \\
 & 11 c_{19} T_1^{10} T_2^{19} + 2 c_{31} T_1^{10} T_2^{19} - 11 c_{34} T_1^{10} T_2^{19} + 2 c_{46} T_1^{10} T_2^{19} - 11 c_{49} T_1^{10} T_2^{19} + 2 c_{61} T_1^{10} T_2^{19} - \\
 & 11 c_{64} T_1^{10} T_2^{19} + 75 c_{81} T_1^{10} T_2^{19} + 16 c_{82} T_1^{10} T_2^{19} + 43 c_{84} T_1^{10} T_2^{19} + 210 a_4 b_3 T_1^{11} T_2^{19} + \\
 & 78 a_2 b_5 T_1^{11} T_2^{19} - 278 a_4 b_5 T_1^{11} T_2^{19} + 21 c_{19} T_1^{11} T_2^{19} + 21 c_{34} T_1^{11} T_2^{19} + 21 c_{49} T_1^{11} T_2^{19} + \\
 & 21 c_{64} T_1^{11} T_2^{19} - 95 c_{81} T_1^{11} T_2^{19} - 20 c_{82} T_1^{11} T_2^{19} - 52 c_{84} T_1^{11} T_2^{19} - 234 a_4 b_3 T_1^{12} T_2^{19} - \\
 & 78 a_2 b_5 T_1^{12} T_2^{19} + 317 a_4 b_5 T_1^{12} T_2^{19} - 3 c_{16} T_1^{12} T_2^{19} - 31 c_{19} T_1^{12} T_2^{19} - 3 c_{31} T_1^{12} T_2^{19} - \\
 & 31 c_{34} T_1^{12} T_2^{19} - 3 c_{46} T_1^{12} T_2^{19} - 31 c_{49} T_1^{12} T_2^{19} - 3 c_{61} T_1^{12} T_2^{19} - 31 c_{64} T_1^{12} T_2^{19} + 119 c_{81} T_1^{12} T_2^{19} + \\
 & 24 c_{82} T_1^{12} T_2^{19} + 67 c_{84} T_1^{12} T_2^{19} + 222 a_4 b_3 T_1^{13} T_2^{19} + 66 a_2 b_5 T_1^{13} T_2^{19} - 272 a_4 b_5 T_1^{13} T_2^{19} + \\
 & 9 c_{16} T_1^{13} T_2^{19} + 65 c_{19} T_1^{13} T_2^{19} + 9 c_{31} T_1^{13} T_2^{19} + 65 c_{34} T_1^{13} T_2^{19} + 9 c_{46} T_1^{13} T_2^{19} + 65 c_{49} T_1^{13} T_2^{19} + \\
 & 9 c_{61} T_1^{13} T_2^{19} + 65 c_{64} T_1^{13} T_2^{19} - 136 c_{81} T_1^{13} T_2^{19} - 26 c_{82} T_1^{13} T_2^{19} - 69 c_{84} T_1^{13} T_2^{19} - \\
 & 186 a_4 b_3 T_1^{14} T_2^{19} - 54 a_2 b_5 T_1^{14} T_2^{19} + 227 a_4 b_5 T_1^{14} T_2^{19} - 19 c_{16} T_1^{14} T_2^{19} - 89 c_{19} T_1^{14} T_2^{19} - \\
 & 19 c_{31} T_1^{14} T_2^{19} - 89 c_{34} T_1^{14} T_2^{19} - 19 c_{46} T_1^{14} T_2^{19} - 89 c_{49} T_1^{14} T_2^{19} - 19 c_{61} T_1^{14} T_2^{19} - \\
 & 89 c_{64} T_1^{14} T_2^{19} + 121 c_{81} T_1^{14} T_2^{19} + 24 c_{82} T_1^{14} T_2^{19} + 52 c_{84} T_1^{14} T_2^{19} + 150 a_4 b_3 T_1^{15} T_2^{19} + \\
 & 42 a_2 b_5 T_1^{15} T_2^{19} - 182 a_4 b_5 T_1^{15} T_2^{19} + 29 c_{16} T_1^{15} T_2^{19} + 79 c_{19} T_1^{15} T_2^{19} + 29 c_{31} T_1^{15} T_2^{19} + \\
 & 79 c_{34} T_1^{15} T_2^{19} + 29 c_{46} T_1^{15} T_2^{19} + 79 c_{49} T_1^{15} T_2^{19} + 29 c_{61} T_1^{15} T_2^{19} + 79 c_{64} T_1^{15} T_2^{19} - \\
 & 89 c_{81} T_1^{15} T_2^{19} - 20 c_{82} T_1^{15} T_2^{19} - 37 c_{84} T_1^{15} T_2^{19} - 114 a_4 b_3 T_1^{16} T_2^{19} - 30 a_2 b_5 T_1^{16} T_2^{19} +
 \end{aligned}$$



$$\begin{aligned}
 & 137 a_4 b_5 T_1^{16} T_2^{19} - 36 c_{16} T_1^{16} T_2^{19} - 69 c_{19} T_1^{16} T_2^{19} - 36 c_{31} T_1^{16} T_2^{19} - 69 c_{34} T_1^{16} T_2^{19} - \\
 & 36 c_{46} T_1^{16} T_2^{19} - 69 c_{49} T_1^{16} T_2^{19} - 36 c_{61} T_1^{16} T_2^{19} - 69 c_{64} T_1^{16} T_2^{19} + 61 c_{81} T_1^{16} T_2^{19} + \\
 & 16 c_{82} T_1^{16} T_2^{19} + 24 c_{84} T_1^{16} T_2^{19} + 78 a_4 b_3 T_1^{17} T_2^{19} + 18 a_2 b_5 T_1^{17} T_2^{19} - 92 a_4 b_5 T_1^{17} T_2^{19} + \\
 & 40 c_{16} T_1^{17} T_2^{19} + 59 c_{19} T_1^{17} T_2^{19} + 40 c_{31} T_1^{17} T_2^{19} + 59 c_{34} T_1^{17} T_2^{19} + 40 c_{46} T_1^{17} T_2^{19} + \\
 & 59 c_{49} T_1^{17} T_2^{19} + 40 c_{61} T_1^{17} T_2^{19} + 59 c_{64} T_1^{17} T_2^{19} - 37 c_{81} T_1^{17} T_2^{19} - 12 c_{82} T_1^{17} T_2^{19} - \\
 & 13 c_{84} T_1^{17} T_2^{19} - 42 a_4 b_3 T_1^{18} T_2^{19} - 6 a_2 b_5 T_1^{18} T_2^{19} + 42 a_4 b_5 T_1^{18} T_2^{19} - 41 c_{16} T_1^{18} T_2^{19} - \\
 & 49 c_{19} T_1^{18} T_2^{19} - 41 c_{31} T_1^{18} T_2^{19} - 49 c_{34} T_1^{18} T_2^{19} - 41 c_{46} T_1^{18} T_2^{19} - 49 c_{49} T_1^{18} T_2^{19} - \\
 & 41 c_{61} T_1^{18} T_2^{19} - 49 c_{64} T_1^{18} T_2^{19} + 17 c_{81} T_1^{18} T_2^{19} + 8 c_{82} T_1^{18} T_2^{19} + 4 c_{84} T_1^{18} T_2^{19} + 12 a_4 b_3 T_1^{19} T_2^{19} + \\
 & 39 c_{16} T_1^{19} T_2^{19} + 39 c_{19} T_1^{19} T_2^{19} + 39 c_{31} T_1^{19} T_2^{19} + 39 c_{34} T_1^{19} T_2^{19} + 39 c_{46} T_1^{19} T_2^{19} + \\
 & 39 c_{49} T_1^{19} T_2^{19} + 39 c_{61} T_1^{19} T_2^{19} + 39 c_{64} T_1^{19} T_2^{19} - 4 c_{81} T_1^{19} T_2^{19} - 4 c_{82} T_1^{19} T_2^{19} - 18 c_{16} T_1^{20} T_2^{19} - \\
 & 17 c_{19} T_1^{20} T_2^{19} - 18 c_{31} T_1^{20} T_2^{19} - 17 c_{34} T_1^{20} T_2^{19} - 18 c_{46} T_1^{20} T_2^{19} - 17 c_{49} T_1^{20} T_2^{19} - \\
 & 18 c_{61} T_1^{20} T_2^{19} - 17 c_{64} T_1^{20} T_2^{19} + c_{82} T_1^{20} T_2^{19} + 6 a_4 b_5 T_1^5 T_2^{20} - 24 a_4 b_5 T_1^6 T_2^{20} - 6 c_{81} T_1^6 T_2^{20} - \\
 & 6 c_{84} T_1^6 T_2^{20} + 42 a_4 b_5 T_1^7 T_2^{20} - 6 c_{19} T_1^7 T_2^{20} - 6 c_{34} T_1^7 T_2^{20} - 6 c_{49} T_1^7 T_2^{20} - 6 c_{64} T_1^7 T_2^{20} + \\
 & 23 c_{81} T_1^7 T_2^{20} + 17 c_{84} T_1^7 T_2^{20} - 60 a_4 b_5 T_1^8 T_2^{20} + c_{16} T_1^8 T_2^{20} + 18 c_{19} T_1^8 T_2^{20} + c_{31} T_1^8 T_2^{20} + \\
 & 18 c_{34} T_1^8 T_2^{20} + c_{46} T_1^8 T_2^{20} + 18 c_{49} T_1^8 T_2^{20} + c_{61} T_1^8 T_2^{20} + 18 c_{64} T_1^8 T_2^{20} - 43 c_{81} T_1^8 T_2^{20} - \\
 & 26 c_{84} T_1^8 T_2^{20} + 78 a_4 b_5 T_1^9 T_2^{20} - 3 c_{16} T_1^9 T_2^{20} - 30 c_{19} T_1^9 T_2^{20} - 3 c_{31} T_1^9 T_2^{20} - 30 c_{34} T_1^9 T_2^{20} - \\
 & 3 c_{46} T_1^9 T_2^{20} - 30 c_{49} T_1^9 T_2^{20} - 3 c_{61} T_1^9 T_2^{20} - 30 c_{64} T_1^9 T_2^{20} + 59 c_{81} T_1^9 T_2^{20} + 33 c_{84} T_1^9 T_2^{20} - \\
 & 96 a_4 b_5 T_1^{10} T_2^{20} + 6 c_{16} T_1^{10} T_2^{20} + 42 c_{19} T_1^{10} T_2^{20} + 6 c_{31} T_1^{10} T_2^{20} + 42 c_{34} T_1^{10} T_2^{20} + \\
 & 6 c_{46} T_1^{10} T_2^{20} + 42 c_{49} T_1^{10} T_2^{20} + 6 c_{61} T_1^{10} T_2^{20} + 42 c_{64} T_1^{10} T_2^{20} - 71 c_{81} T_1^{10} T_2^{20} - 38 c_{84} T_1^{10} T_2^{20} + \\
 & 114 a_4 b_5 T_1^{11} T_2^{20} - 10 c_{16} T_1^{11} T_2^{20} - 54 c_{19} T_1^{11} T_2^{20} - 10 c_{31} T_1^{11} T_2^{20} - 54 c_{34} T_1^{11} T_2^{20} - \\
 & 10 c_{46} T_1^{11} T_2^{20} - 54 c_{49} T_1^{11} T_2^{20} - 10 c_{61} T_1^{11} T_2^{20} - 54 c_{64} T_1^{11} T_2^{20} + 79 c_{81} T_1^{11} T_2^{20} + \\
 & 41 c_{84} T_1^{11} T_2^{20} - 120 a_4 b_5 T_1^{12} T_2^{20} + 15 c_{16} T_1^{12} T_2^{20} + 66 c_{19} T_1^{12} T_2^{20} + 15 c_{31} T_1^{12} T_2^{20} + \\
 & 66 c_{34} T_1^{12} T_2^{20} + 15 c_{46} T_1^{12} T_2^{20} + 66 c_{49} T_1^{12} T_2^{20} + 15 c_{61} T_1^{12} T_2^{20} + 66 c_{64} T_1^{12} T_2^{20} - \\
 & 83 c_{81} T_1^{12} T_2^{20} - 42 c_{84} T_1^{12} T_2^{20} + 102 a_4 b_5 T_1^{13} T_2^{20} - 21 c_{16} T_1^{13} T_2^{20} - 78 c_{19} T_1^{13} T_2^{20} - \\
 & 21 c_{31} T_1^{13} T_2^{20} - 78 c_{34} T_1^{13} T_2^{20} - 21 c_{46} T_1^{13} T_2^{20} - 78 c_{49} T_1^{13} T_2^{20} - 21 c_{61} T_1^{13} T_2^{20} - \\
 & 78 c_{64} T_1^{13} T_2^{20} + 78 c_{81} T_1^{13} T_2^{20} + 36 c_{84} T_1^{13} T_2^{20} - 84 a_4 b_5 T_1^{14} T_2^{20} + 27 c_{16} T_1^{14} T_2^{20} + \\
 & 78 c_{19} T_1^{14} T_2^{20} + 27 c_{31} T_1^{14} T_2^{20} + 78 c_{34} T_1^{14} T_2^{20} + 27 c_{46} T_1^{14} T_2^{20} + 78 c_{49} T_1^{14} T_2^{20} + \\
 & 27 c_{61} T_1^{14} T_2^{20} + 78 c_{64} T_1^{14} T_2^{20} - 61 c_{81} T_1^{14} T_2^{20} - 25 c_{84} T_1^{14} T_2^{20} + 66 a_4 b_5 T_1^{15} T_2^{20} - \\
 & 31 c_{16} T_1^{15} T_2^{20} - 66 c_{19} T_1^{15} T_2^{20} - 31 c_{31} T_1^{15} T_2^{20} - 66 c_{34} T_1^{15} T_2^{20} - 31 c_{46} T_1^{15} T_2^{20} - \\
 & 66 c_{49} T_1^{15} T_2^{20} - 31 c_{61} T_1^{15} T_2^{20} - 66 c_{64} T_1^{15} T_2^{20} + 41 c_{81} T_1^{15} T_2^{20} + 16 c_{84} T_1^{15} T_2^{20} - \\
 & 48 a_4 b_5 T_1^{16} T_2^{20} + 32 c_{16} T_1^{16} T_2^{20} + 54 c_{19} T_1^{16} T_2^{20} + 32 c_{31} T_1^{16} T_2^{20} + 54 c_{34} T_1^{16} T_2^{20} + \\
 & 32 c_{46} T_1^{16} T_2^{20} + 54 c_{49} T_1^{16} T_2^{20} + 32 c_{61} T_1^{16} T_2^{20} + 54 c_{64} T_1^{16} T_2^{20} - 25 c_{81} T_1^{16} T_2^{20} - 9 c_{84} T_1^{16} T_2^{20} + \\
 & 30 a_4 b_5 T_1^{17} T_2^{20} - 30 c_{16} T_1^{17} T_2^{20} - 42 c_{19} T_1^{17} T_2^{20} - 30 c_{31} T_1^{17} T_2^{20} - 42 c_{34} T_1^{17} T_2^{20} - \\
 & 30 c_{46} T_1^{17} T_2^{20} - 42 c_{49} T_1^{17} T_2^{20} - 30 c_{61} T_1^{17} T_2^{20} - 42 c_{64} T_1^{17} T_2^{20} + 13 c_{81} T_1^{17} T_2^{20} + 4 c_{84} T_1^{17} T_2^{20} - \\
 & 12 a_4 b_5 T_1^{18} T_2^{20} + 25 c_{16} T_1^{18} T_2^{20} + 30 c_{19} T_1^{18} T_2^{20} + 25 c_{31} T_1^{18} T_2^{20} + 30 c_{34} T_1^{18} T_2^{20} + \\
 & 25 c_{46} T_1^{18} T_2^{20} + 30 c_{49} T_1^{18} T_2^{20} + 25 c_{61} T_1^{18} T_2^{20} + 30 c_{64} T_1^{18} T_2^{20} - 5 c_{81} T_1^{18} T_2^{20} - c_{84} T_1^{18} T_2^{20} - \\
 & 17 c_{16} T_1^{19} T_2^{20} - 18 c_{19} T_1^{19} T_2^{20} - 17 c_{31} T_1^{19} T_2^{20} - 18 c_{34} T_1^{19} T_2^{20} - 17 c_{46} T_1^{19} T_2^{20} - \\
 & 18 c_{49} T_1^{19} T_2^{20} - 17 c_{61} T_1^{19} T_2^{20} - 18 c_{64} T_1^{19} T_2^{20} + c_{81} T_1^{19} T_2^{20} + 6 c_{16} T_1^{20} T_2^{20} + 6 c_{19} T_1^{20} T_2^{20} + \\
 & 6 c_{31} T_1^{20} T_2^{20} + 6 c_{34} T_1^{20} T_2^{20} + 6 c_{46} T_1^{20} T_2^{20} + 6 c_{49} T_1^{20} T_2^{20} + 6 c_{61} T_1^{20} T_2^{20} + 6 c_{64} T_1^{20} T_2^{20} ) / \\
 & ( (-1 + T_1) (1 - T_1 + T_1^2 - T_1^3 + T_1^4 - T_1^5 + T_1^6)^2 (-1 + T_2) (-1 + T_1 T_2) \\
 & (1 - T_2 + T_2^2 - T_2^3 + T_2^4 - T_2^5 + T_2^6)^2 (1 - T_1 T_2 + T_1^2 T_2^2 - T_1^3 T_2^3 + T_1^4 T_2^4 - T_1^5 T_2^5 + T_1^6 T_2^6) ) ) / \\
 & ( (1 - T_1 + T_1^2 - T_1^3 + T_1^4 - T_1^5 + T_1^6) (1 - T_2 + T_2^2 - T_2^3 + T_2^4 - T_2^5 + T_2^6) \\
 & (1 - \\
 & T_1 T_2 + \\
 & T_1^2 T_2^2 - \\
 & T_1^3 T_2^3 + \\
 & T_1^4 T_2^4 - \\
 & T_1^5 T_2^5 + \\
 & T_1^6 T_2^6) ) ) )
 \end{aligned}$$

» {10.8438,

$$\text{Knot}[8, 1] \rightarrow (T_1^2 T_2^2 \mathbb{E}[\in \text{Series}[0, -((-162 a_2 b_3 + 162 a_2 b_5 + 1062 a_2 b_3 T_1 - 162 a_4 b_3 T_1 - 900 a_2 b_5 T_1 +$$

$$\begin{aligned}
 &162 a_4 b_5 T_1 + 108 c_{16} T_1 + 108 c_{19} T_1 + 108 c_{31} T_1 + 108 c_{34} T_1 + 108 c_{46} T_1 + 108 c_{49} T_1 + 108 c_{61} T_1 + \\
 &108 c_{64} T_1 - 567 c_{81} T_1 - 567 c_{82} T_1 - 567 c_{84} T_1 - 567 c_{85} T_1 - 2802 a_2 b_3 T_1^2 + 900 a_4 b_3 T_1^2 + \\
 &1902 a_2 b_5 T_1^2 - 738 a_4 b_5 T_1^2 + 27 c_{16} T_1^2 - 612 c_{19} T_1^2 + 27 c_{31} T_1^2 - 612 c_{34} T_1^2 + 27 c_{46} T_1^2 - 612 c_{49} T_1^2 + \\
 &27 c_{61} T_1^2 - 612 c_{64} T_1^2 + 2943 c_{81} T_1^2 + 3780 c_{82} T_1^2 + 2376 c_{84} T_1^2 + 3780 c_{85} T_1^2 + 3804 a_2 b_3 T_1^3 - \\
 &1902 a_4 b_3 T_1^3 - 1902 a_2 b_5 T_1^3 + 1164 a_4 b_5 T_1^3 - 1269 c_{16} T_1^3 + 1308 c_{19} T_1^3 - 1269 c_{31} T_1^3 + 1308 c_{34} T_1^3 - \\
 &1269 c_{46} T_1^3 + 1308 c_{49} T_1^3 - 1269 c_{61} T_1^3 + 1308 c_{64} T_1^3 - 5886 c_{81} T_1^3 - 10080 c_{82} T_1^3 - 3510 c_{84} T_1^3 - \\
 &10080 c_{85} T_1^3 - 2802 a_2 b_3 T_1^4 + 1902 a_4 b_3 T_1^4 + 900 a_2 b_5 T_1^4 - 738 a_4 b_5 T_1^4 + 2403 c_{16} T_1^4 - 1308 c_{19} T_1^4 + \\
 &2403 c_{31} T_1^4 - 1308 c_{34} T_1^4 + 2403 c_{46} T_1^4 - 1308 c_{49} T_1^4 + 2403 c_{61} T_1^4 - 1308 c_{64} T_1^4 + 5697 c_{81} T_1^4 + \\
 &13734 c_{82} T_1^4 + 2187 c_{84} T_1^4 + 13734 c_{85} T_1^4 + 1062 a_2 b_3 T_1^5 - 900 a_4 b_3 T_1^5 - 162 a_2 b_5 T_1^5 + 162 a_4 b_5 T_1^5 - \\
 &1647 c_{16} T_1^5 + 612 c_{19} T_1^5 - 1647 c_{31} T_1^5 + 612 c_{34} T_1^5 - 1647 c_{46} T_1^5 + 612 c_{49} T_1^5 - 1647 c_{61} T_1^5 + \\
 &612 c_{64} T_1^5 - 2673 c_{81} T_1^5 - 10080 c_{82} T_1^5 - 486 c_{84} T_1^5 - 10080 c_{85} T_1^5 - 162 a_2 b_3 T_1^6 + 162 a_4 b_3 T_1^6 + \\
 &378 c_{16} T_1^6 - 108 c_{19} T_1^6 + 378 c_{31} T_1^6 - 108 c_{34} T_1^6 + 378 c_{46} T_1^6 - 108 c_{49} T_1^6 + 378 c_{61} T_1^6 - 108 c_{64} T_1^6 + \\
 &486 c_{81} T_1^6 + 3780 c_{82} T_1^6 + 3780 c_{85} T_1^6 - 567 c_{82} T_1^7 - 567 c_{85} T_1^7 + 738 a_2 b_3 T_2 - 162 a_4 b_3 T_2 - \\
 &900 a_2 b_5 T_2 + 162 a_4 b_5 T_2 - 5037 a_2 b_3 T_1 T_2 + 1962 a_4 b_3 T_1 T_2 + 5199 a_2 b_5 T_1 T_2 - 1962 a_4 b_5 T_1 T_2 - \\
 &612 c_{16} T_1 T_2 + 27 c_{19} T_1 T_2 - 612 c_{31} T_1 T_2 + 27 c_{34} T_1 T_2 - 612 c_{46} T_1 T_2 + 27 c_{49} T_1 T_2 - 612 c_{61} T_1 T_2 + \\
 &27 c_{64} T_1 T_2 + 3780 c_{81} T_1 T_2 + 2943 c_{82} T_1 T_2 + 3780 c_{84} T_1 T_2 + 2376 c_{85} T_1 T_2 + 14158 a_2 b_3 T_1^2 T_2 - \\
 &8001 a_4 b_3 T_1^2 T_2 - 11761 a_2 b_5 T_1^2 T_2 + 6939 a_4 b_5 T_1^2 T_2 - 513 c_{16} T_1^2 T_2 - 513 c_{19} T_1^2 T_2 - 513 c_{31} T_1^2 T_2 - \\
 &513 c_{34} T_1^2 T_2 - 513 c_{46} T_1^2 T_2 - 513 c_{49} T_1^2 T_2 - 513 c_{61} T_1^2 T_2 - 513 c_{64} T_1^2 T_2 - 18567 c_{81} T_1^2 T_2 - \\
 &18567 c_{82} T_1^2 T_2 - 14787 c_{84} T_1^2 T_2 - 14787 c_{85} T_1^2 T_2 - 21164 a_2 b_3 T_1^3 T_2 + 15565 a_4 b_3 T_1^3 T_2 + \\
 &13207 a_2 b_5 T_1^3 T_2 - 10528 a_4 b_5 T_1^3 T_2 + 7101 c_{16} T_1^3 T_2 + 2367 c_{19} T_1^3 T_2 + 7101 c_{31} T_1^3 T_2 + \\
 &2367 c_{34} T_1^3 T_2 + 7101 c_{46} T_1^3 T_2 + 2367 c_{49} T_1^3 T_2 + 7101 c_{61} T_1^3 T_2 + 2367 c_{64} T_1^3 T_2 + 33624 c_{81} T_1^3 T_2 + \\
 &45300 c_{82} T_1^3 T_2 + 18837 c_{84} T_1^3 T_2 + 35220 c_{85} T_1^3 T_2 + 18064 a_2 b_3 T_1^4 T_2 - 16009 a_4 b_3 T_1^4 T_2 - \\
 &7659 a_2 b_5 T_1^4 T_2 + 7383 a_4 b_5 T_1^4 T_2 - 9387 c_{16} T_1^4 T_2 - 4687 c_{19} T_1^4 T_2 - 9387 c_{31} T_1^4 T_2 - 4687 c_{34} T_1^4 T_2 - \\
 &9387 c_{46} T_1^4 T_2 - 4687 c_{49} T_1^4 T_2 - 9387 c_{61} T_1^4 T_2 - 4687 c_{64} T_1^4 T_2 - 26397 c_{81} T_1^4 T_2 - 52566 c_{82} T_1^4 T_2 - \\
 &7560 c_{84} T_1^4 T_2 - 38832 c_{85} T_1^4 T_2 - 8718 a_2 b_3 T_1^5 T_2 + 8721 a_4 b_3 T_1^5 T_2 + 2121 a_2 b_5 T_1^5 T_2 - \\
 &2238 a_4 b_5 T_1^5 T_2 + 1323 c_{16} T_1^5 T_2 + 4513 c_{19} T_1^5 T_2 + 1323 c_{31} T_1^5 T_2 + 4513 c_{34} T_1^5 T_2 + 1323 c_{46} T_1^5 T_2 + \\
 &4513 c_{49} T_1^5 T_2 + 1323 c_{61} T_1^5 T_2 + 4513 c_{64} T_1^5 T_2 + 6237 c_{81} T_1^5 T_2 + 26814 c_{82} T_1^5 T_2 - 1323 c_{84} T_1^5 T_2 + \\
 &16734 c_{85} T_1^5 T_2 + 2166 a_2 b_3 T_1^6 T_2 - 2283 a_4 b_3 T_1^6 T_2 - 207 a_2 b_5 T_1^6 T_2 + 207 a_4 b_5 T_1^6 T_2 + \\
 &3348 c_{16} T_1^6 T_2 - 2067 c_{19} T_1^6 T_2 + 3348 c_{31} T_1^6 T_2 - 2067 c_{34} T_1^6 T_2 + 3348 c_{46} T_1^6 T_2 - 2067 c_{49} T_1^6 T_2 + \\
 &3348 c_{61} T_1^6 T_2 - 2067 c_{64} T_1^6 T_2 + 2376 c_{81} T_1^6 T_2 - 900 c_{82} T_1^6 T_2 + 1053 c_{84} T_1^6 T_2 + 2880 c_{85} T_1^6 T_2 - \\
 &207 a_2 b_3 T_1^7 T_2 + 207 a_4 b_3 T_1^7 T_2 - 1260 c_{16} T_1^7 T_2 + 360 c_{19} T_1^7 T_2 - 1260 c_{31} T_1^7 T_2 + 360 c_{34} T_1^7 T_2 - \\
 &1260 c_{46} T_1^7 T_2 + 360 c_{49} T_1^7 T_2 - 1260 c_{61} T_1^7 T_2 + 360 c_{64} T_1^7 T_2 - 1053 c_{81} T_1^7 T_2 - 4077 c_{82} T_1^7 T_2 - \\
 &4644 c_{85} T_1^7 T_2 + 1053 c_{82} T_1^8 T_2 + 1053 c_{85} T_1^8 T_2 - 1164 a_2 b_3 T_2^2 + 738 a_4 b_3 T_2^2 + 1902 a_2 b_5 T_2^2 - \\
 &900 a_4 b_5 T_2^2 + 8626 a_2 b_3 T_1 T_2^2 - 6939 a_4 b_3 T_1 T_2^2 - 11761 a_2 b_5 T_1 T_2^2 + 8001 a_4 b_5 T_1 T_2^2 + \\
 &1308 c_{16} T_1 T_2^2 - 1269 c_{19} T_1 T_2^2 + 1308 c_{31} T_1 T_2^2 - 1269 c_{34} T_1 T_2^2 + 1308 c_{46} T_1 T_2^2 - 1269 c_{49} T_1 T_2^2 + \\
 &1308 c_{61} T_1 T_2^2 - 1269 c_{64} T_1 T_2^2 - 10080 c_{81} T_1 T_2^2 - 5886 c_{82} T_1 T_2^2 - 10080 c_{84} T_1 T_2^2 - 3510 c_{85} T_1 T_2^2 - \\
 &26711 a_2 b_3 T_1^2 T_2^2 + 25919 a_4 b_3 T_1^2 T_2^2 + 29108 a_2 b_5 T_1^2 T_2^2 - 25919 a_4 b_5 T_1^2 T_2^2 + 2367 c_{16} T_1^2 T_2^2 + \\
 &7101 c_{19} T_1^2 T_2^2 + 2367 c_{31} T_1^2 T_2^2 + 7101 c_{34} T_1^2 T_2^2 + 2367 c_{46} T_1^2 T_2^2 + 7101 c_{49} T_1^2 T_2^2 + 2367 c_{61} T_1^2 T_2^2 + \\
 &7101 c_{64} T_1^2 T_2^2 + 45300 c_{81} T_1^2 T_2^2 + 33624 c_{82} T_1^2 T_2^2 + 35220 c_{84} T_1^2 T_2^2 + 18837 c_{85} T_1^2 T_2^2 + \\
 &44023 a_2 b_3 T_1^3 T_2^2 - 50272 a_4 b_3 T_1^3 T_2^2 - 36079 a_2 b_5 T_1^3 T_2^2 + 39918 a_4 b_5 T_1^3 T_2^2 - 14499 c_{16} T_1^3 T_2^2 - \\
 &14499 c_{19} T_1^3 T_2^2 - 14499 c_{31} T_1^3 T_2^2 - 14499 c_{34} T_1^3 T_2^2 - 14499 c_{46} T_1^3 T_2^2 - 14499 c_{49} T_1^3 T_2^2 - \\
 &14499 c_{61} T_1^3 T_2^2 - 14499 c_{64} T_1^3 T_2^2 - 67686 c_{81} T_1^3 T_2^2 - 67686 c_{82} T_1^3 T_2^2 - 32466 c_{84} T_1^3 T_2^2 - \\
 &32466 c_{85} T_1^3 T_2^2 - 40262 a_2 b_3 T_1^4 T_2^2 + 54143 a_4 b_3 T_1^4 T_2^2 + 22247 a_2 b_5 T_1^4 T_2^2 - 30234 a_4 b_5 T_1^4 T_2^2 + \\
 &5223 c_{16} T_1^4 T_2^2 + 12239 c_{19} T_1^4 T_2^2 + 5223 c_{31} T_1^4 T_2^2 + 12239 c_{34} T_1^4 T_2^2 + 5223 c_{46} T_1^4 T_2^2 + 12239 c_{49} T_1^4 T_2^2 + \\
 &5223 c_{61} T_1^4 T_2^2 + 12239 c_{64} T_1^4 T_2^2 + 26733 c_{81} T_1^4 T_2^2 + 45972 c_{82} T_1^4 T_2^2 - 5733 c_{84} T_1^4 T_2^2 + 7140 c_{85} T_1^4 T_2^2 + \\
 &18637 a_2 b_3 T_1^5 T_2^2 - 30965 a_4 b_3 T_1^5 T_2^2 - 5108 a_2 b_5 T_1^5 T_2^2 + 9452 a_4 b_5 T_1^5 T_2^2 + 21213 c_{16} T_1^5 T_2^2 - \\
 &1741 c_{19} T_1^5 T_2^2 + 21213 c_{31} T_1^5 T_2^2 - 1741 c_{34} T_1^5 T_2^2 + 21213 c_{46} T_1^5 T_2^2 - 1741 c_{49} T_1^5 T_2^2 + 21213 c_{61} T_1^5 T_2^2 - \\
 &1741 c_{64} T_1^5 T_2^2 + 24003 c_{81} T_1^5 T_2^2 + 22752 c_{82} T_1^5 T_2^2 + 18270 c_{84} T_1^5 T_2^2 + 39486 c_{85} T_1^5 T_2^2 - \\
 &2309 a_2 b_3 T_1^6 T_2^2 + 7274 a_4 b_3 T_1^6 T_2^2 - 633 a_2 b_5 T_1^6 T_2^2 - 105 a_4 b_5 T_1^6 T_2^2 - 18522 c_{16} T_1^6 T_2^2 - \\
 &3601 c_{19} T_1^6 T_2^2 - 18522 c_{31} T_1^6 T_2^2 - 3601 c_{34} T_1^6 T_2^2 - 18522 c_{46} T_1^6 T_2^2 - 3601 c_{49} T_1^6 T_2^2 - 18522 c_{61} T_1^6 T_2^2 -
 \end{aligned}$$

$$\begin{aligned}
 & 3601 c_{64} T_1^6 T_2^2 - 22914 c_{81} T_1^6 T_2^2 - 48828 c_{82} T_1^6 T_2^2 - 4644 c_{84} T_1^6 T_2^2 - 45948 c_{85} T_1^6 T_2^2 - \\
 & 1164 a_2 b_3 T_1^7 T_2^2 + 426 a_4 b_3 T_1^7 T_2^2 + 324 a_2 b_5 T_1^7 T_2^2 - 324 a_4 b_5 T_1^7 T_2^2 + 1650 c_{16} T_1^7 T_2^2 + 2130 c_{19} T_1^7 T_2^2 + \\
 & 1650 c_{31} T_1^7 T_2^2 + 2130 c_{34} T_1^7 T_2^2 + 1650 c_{46} T_1^7 T_2^2 + 2130 c_{49} T_1^7 T_2^2 + 1650 c_{61} T_1^7 T_2^2 + 2130 c_{64} T_1^7 T_2^2 + \\
 & 4077 c_{81} T_1^7 T_2^2 + 22914 c_{82} T_1^7 T_2^2 - 567 c_{84} T_1^7 T_2^2 + 18270 c_{85} T_1^7 T_2^2 + 324 a_2 b_3 T_1^8 T_2^2 - 324 a_4 b_3 T_1^8 T_2^2 + \\
 & 1260 c_{16} T_1^8 T_2^2 - 360 c_{19} T_1^8 T_2^2 + 1260 c_{31} T_1^8 T_2^2 - 360 c_{34} T_1^8 T_2^2 + 1260 c_{46} T_1^8 T_2^2 - 360 c_{49} T_1^8 T_2^2 + \\
 & 1260 c_{61} T_1^8 T_2^2 - 360 c_{64} T_1^8 T_2^2 + 567 c_{81} T_1^8 T_2^2 - 2376 c_{82} T_1^8 T_2^2 - 1323 c_{85} T_1^8 T_2^2 - 486 c_{82} T_1^9 T_2^2 - \\
 & 486 c_{85} T_1^9 T_2^2 + 738 a_2 b_3 T_1^3 T_2^3 - 1164 a_4 b_3 T_1^3 T_2^3 - 1902 a_2 b_5 T_1^3 T_2^3 + 1902 a_4 b_5 T_1^3 T_2^3 - 6483 a_2 b_3 T_1 T_2^3 + \\
 & 10528 a_4 b_3 T_1 T_2^3 + 13207 a_2 b_5 T_1 T_2^3 - 15565 a_4 b_5 T_1 T_2^3 - 1308 c_{16} T_1 T_2^3 + 2403 c_{19} T_1 T_2^3 - \\
 & 1308 c_{31} T_1 T_2^3 + 2403 c_{34} T_1 T_2^3 - 1308 c_{46} T_1 T_2^3 + 2403 c_{49} T_1 T_2^3 - 1308 c_{61} T_1 T_2^3 + 2403 c_{64} T_1 T_2^3 + \\
 & 13734 c_{81} T_1 T_2^3 + 5697 c_{82} T_1 T_2^3 + 13734 c_{84} T_1 T_2^3 + 2187 c_{85} T_1 T_2^3 + 22575 a_2 b_3 T_1^2 T_2^3 - \\
 & 39918 a_4 b_3 T_1^2 T_2^3 - 36079 a_2 b_5 T_1^2 T_2^3 + 50272 a_4 b_5 T_1^2 T_2^3 - 4687 c_{16} T_1^2 T_2^3 - 9387 c_{19} T_1^2 T_2^3 - \\
 & 4687 c_{31} T_1^2 T_2^3 - 9387 c_{34} T_1^2 T_2^3 - 4687 c_{46} T_1^2 T_2^3 - 9387 c_{49} T_1^2 T_2^3 - 4687 c_{61} T_1^2 T_2^3 - 9387 c_{64} T_1^2 T_2^3 - \\
 & 52566 c_{81} T_1^2 T_2^3 - 26397 c_{82} T_1^2 T_2^3 - 38832 c_{84} T_1^2 T_2^3 - 7560 c_{85} T_1^2 T_2^3 - 37911 a_2 b_3 T_1^3 T_2^3 + \\
 & 80102 a_4 b_3 T_1^3 T_2^3 + 45855 a_2 b_5 T_1^3 T_2^3 - 80102 a_4 b_5 T_1^3 T_2^3 + 12239 c_{16} T_1^3 T_2^3 + 5223 c_{19} T_1^3 T_2^3 + \\
 & 12239 c_{31} T_1^3 T_2^3 + 5223 c_{34} T_1^3 T_2^3 + 12239 c_{46} T_1^3 T_2^3 + 5223 c_{49} T_1^3 T_2^3 + 12239 c_{61} T_1^3 T_2^3 + \\
 & 5223 c_{64} T_1^3 T_2^3 + 45972 c_{81} T_1^3 T_2^3 + 26733 c_{82} T_1^3 T_2^3 + 7140 c_{84} T_1^3 T_2^3 - 5733 c_{85} T_1^3 T_2^3 + \\
 & 27546 a_2 b_3 T_1^4 T_2^3 - 86117 a_4 b_3 T_1^4 T_2^3 - 21953 a_2 b_5 T_1^4 T_2^3 + 60158 a_4 b_5 T_1^4 T_2^3 + 21509 c_{16} T_1^4 T_2^3 + \\
 & 21509 c_{19} T_1^4 T_2^3 + 21509 c_{31} T_1^4 T_2^3 + 21509 c_{34} T_1^4 T_2^3 + 21509 c_{46} T_1^4 T_2^3 + 21509 c_{49} T_1^4 T_2^3 + \\
 & 21509 c_{61} T_1^4 T_2^3 + 21509 c_{64} T_1^4 T_2^3 + 50106 c_{81} T_1^4 T_2^3 + 50106 c_{82} T_1^4 T_2^3 + 57246 c_{84} T_1^4 T_2^3 + \\
 & 57246 c_{85} T_1^4 T_2^3 + 1905 a_2 b_3 T_1^5 T_2^3 + 40590 a_4 b_3 T_1^5 T_2^3 - 5221 a_2 b_5 T_1^5 T_2^3 - 11397 a_4 b_5 T_1^5 T_2^3 - \\
 & 53120 c_{16} T_1^5 T_2^3 - 35911 c_{19} T_1^5 T_2^3 - 53120 c_{31} T_1^5 T_2^3 - 35911 c_{34} T_1^5 T_2^3 - 53120 c_{46} T_1^5 T_2^3 - \\
 & 35911 c_{49} T_1^5 T_2^3 - 53120 c_{61} T_1^5 T_2^3 - 35911 c_{64} T_1^5 T_2^3 - 103194 c_{81} T_1^5 T_2^3 - 131766 c_{82} T_1^5 T_2^3 - \\
 & 45948 c_{84} T_1^5 T_2^3 - 92280 c_{85} T_1^5 T_2^3 - 15477 a_2 b_3 T_1^6 T_2^3 + 2912 a_4 b_3 T_1^6 T_2^3 + 7947 a_2 b_5 T_1^6 T_2^3 - \\
 & 7035 a_4 b_5 T_1^6 T_2^3 + 17791 c_{16} T_1^6 T_2^3 + 19169 c_{19} T_1^6 T_2^3 + 17791 c_{31} T_1^6 T_2^3 + 19169 c_{34} T_1^6 T_2^3 + \\
 & 17791 c_{46} T_1^6 T_2^3 + 19169 c_{49} T_1^6 T_2^3 + 17791 c_{61} T_1^6 T_2^3 + 19169 c_{64} T_1^6 T_2^3 + 48828 c_{81} T_1^6 T_2^3 + \\
 & 103194 c_{82} T_1^6 T_2^3 + 2880 c_{84} T_1^6 T_2^3 + 57246 c_{85} T_1^6 T_2^3 + 8637 a_2 b_3 T_1^7 T_2^3 - 9111 a_4 b_3 T_1^7 T_2^3 - \\
 & 1854 a_2 b_5 T_1^7 T_2^3 + 2502 a_4 b_5 T_1^7 T_2^3 + 13447 c_{16} T_1^7 T_2^3 - 2412 c_{19} T_1^7 T_2^3 + 13447 c_{31} T_1^7 T_2^3 - \\
 & 2412 c_{34} T_1^7 T_2^3 + 13447 c_{46} T_1^7 T_2^3 - 2412 c_{49} T_1^7 T_2^3 + 13447 c_{61} T_1^7 T_2^3 - 2412 c_{64} T_1^7 T_2^3 + 900 c_{81} T_1^7 T_2^3 - \\
 & 24003 c_{82} T_1^7 T_2^3 + 3780 c_{84} T_1^7 T_2^3 - 5733 c_{85} T_1^7 T_2^3 - 1530 a_2 b_3 T_1^8 T_2^3 + 2178 a_4 b_3 T_1^8 T_2^3 - \\
 & 5493 c_{16} T_1^8 T_2^3 - 702 c_{19} T_1^8 T_2^3 - 5493 c_{31} T_1^8 T_2^3 - 702 c_{34} T_1^8 T_2^3 - 5493 c_{46} T_1^8 T_2^3 - 702 c_{49} T_1^8 T_2^3 - \\
 & 5493 c_{61} T_1^8 T_2^3 - 702 c_{64} T_1^8 T_2^3 - 3780 c_{81} T_1^8 T_2^3 - 6237 c_{82} T_1^8 T_2^3 - 7560 c_{85} T_1^8 T_2^3 - 378 c_{16} T_1^9 T_2^3 + \\
 & 108 c_{19} T_1^9 T_2^3 - 378 c_{31} T_1^9 T_2^3 + 108 c_{34} T_1^9 T_2^3 - 378 c_{46} T_1^9 T_2^3 + 108 c_{49} T_1^9 T_2^3 - 378 c_{61} T_1^9 T_2^3 + \\
 & 108 c_{64} T_1^9 T_2^3 + 2673 c_{82} T_1^9 T_2^3 + 2187 c_{85} T_1^9 T_2^3 - 162 a_2 b_3 T_1^4 T_2^4 + 738 a_4 b_3 T_1^4 T_2^4 + 900 a_2 b_5 T_1^4 T_2^4 - \\
 & 1902 a_4 b_5 T_1^4 T_2^4 + 2076 a_2 b_3 T_1 T_2^4 - 7383 a_4 b_3 T_1 T_2^4 - 7659 a_2 b_5 T_1 T_2^4 + 16009 a_4 b_5 T_1 T_2^4 + \\
 & 612 c_{16} T_1 T_2^4 - 1647 c_{19} T_1 T_2^4 + 612 c_{31} T_1 T_2^4 - 1647 c_{34} T_1 T_2^4 + 612 c_{46} T_1 T_2^4 - 1647 c_{49} T_1 T_2^4 + \\
 & 612 c_{61} T_1 T_2^4 - 1647 c_{64} T_1 T_2^4 - 10080 c_{81} T_1 T_2^4 - 2673 c_{82} T_1 T_2^4 - 10080 c_{84} T_1 T_2^4 - 486 c_{85} T_1 T_2^4 - \\
 & 7331 a_2 b_3 T_1^2 T_2^4 + 30234 a_4 b_3 T_1^2 T_2^4 + 22247 a_2 b_5 T_1^2 T_2^4 - 54143 a_4 b_5 T_1^2 T_2^4 + 4513 c_{16} T_1^2 T_2^4 + \\
 & 1323 c_{19} T_1^2 T_2^4 + 4513 c_{31} T_1^2 T_2^4 + 1323 c_{34} T_1^2 T_2^4 + 4513 c_{46} T_1^2 T_2^4 + 1323 c_{49} T_1^2 T_2^4 + 4513 c_{61} T_1^2 T_2^4 + \\
 & 1323 c_{64} T_1^2 T_2^4 + 26814 c_{81} T_1^2 T_2^4 + 6237 c_{82} T_1^2 T_2^4 + 16734 c_{84} T_1^2 T_2^4 - 1323 c_{85} T_1^2 T_2^4 + \\
 & 6289 a_2 b_3 T_1^3 T_2^4 - 60158 a_4 b_3 T_1^3 T_2^4 - 21953 a_2 b_5 T_1^3 T_2^4 + 86117 a_4 b_5 T_1^3 T_2^4 - 1741 c_{16} T_1^3 T_2^4 + \\
 & 21213 c_{19} T_1^3 T_2^4 - 1741 c_{31} T_1^3 T_2^4 + 21213 c_{34} T_1^3 T_2^4 - 1741 c_{46} T_1^3 T_2^4 + 21213 c_{49} T_1^3 T_2^4 - \\
 & 1741 c_{61} T_1^3 T_2^4 + 21213 c_{64} T_1^3 T_2^4 + 22752 c_{81} T_1^3 T_2^4 + 24003 c_{82} T_1^3 T_2^4 + 39486 c_{84} T_1^3 T_2^4 + \\
 & 18270 c_{85} T_1^3 T_2^4 + 15418 a_2 b_3 T_1^4 T_2^4 + 49499 a_4 b_3 T_1^4 T_2^4 - 9825 a_2 b_5 T_1^4 T_2^4 - 49499 a_4 b_5 T_1^4 T_2^4 - \\
 & 35911 c_{16} T_1^4 T_2^4 - 53120 c_{19} T_1^4 T_2^4 - 35911 c_{31} T_1^4 T_2^4 - 53120 c_{34} T_1^4 T_2^4 - 35911 c_{46} T_1^4 T_2^4 - \\
 & 53120 c_{49} T_1^4 T_2^4 - 35911 c_{61} T_1^4 T_2^4 - 53120 c_{64} T_1^4 T_2^4 - 131766 c_{81} T_1^4 T_2^4 - 103194 c_{82} T_1^4 T_2^4 - \\
 & 92280 c_{84} T_1^4 T_2^4 - 45948 c_{85} T_1^4 T_2^4 - 40373 a_2 b_3 T_1^5 T_2^4 + 11730 a_4 b_3 T_1^5 T_2^4 + 32453 a_2 b_5 T_1^5 T_2^4 - \\
 & 20639 a_4 b_5 T_1^5 T_2^4 + 36600 c_{16} T_1^5 T_2^4 + 36600 c_{19} T_1^5 T_2^4 + 36600 c_{31} T_1^5 T_2^4 + 36600 c_{34} T_1^5 T_2^4 + \\
 & 36600 c_{46} T_1^5 T_2^4 + 36600 c_{49} T_1^5 T_2^4 + 36600 c_{61} T_1^5 T_2^4 + 36600 c_{64} T_1^5 T_2^4 + 131766 c_{81} T_1^5 T_2^4 + \\
 & 131766 c_{82} T_1^5 T_2^4 + 39486 c_{84} T_1^5 T_2^4 + 39486 c_{85} T_1^5 T_2^4 + 37123 a_2 b_3 T_1^6 T_2^4 - 47930 a_4 b_3 T_1^6 T_2^4 - \\
 & 20147 a_2 b_5 T_1^6 T_2^4 + 30203 a_4 b_5 T_1^6 T_2^4 + 25471 c_{16} T_1^6 T_2^4 + 7160 c_{19} T_1^6 T_2^4 + 25471 c_{31} T_1^6 T_2^4 +
 \end{aligned}$$

$$\begin{aligned}
 &7160 c_{34} T_1^6 T_2^4 + 25471 c_{46} T_1^6 T_2^4 + 7160 c_{49} T_1^6 T_2^4 + 25471 c_{61} T_1^6 T_2^4 + 7160 c_{64} T_1^6 T_2^4 - \\
 &22752 c_{81} T_1^6 T_2^4 - 50106 c_{82} T_1^6 T_2^4 + 16734 c_{84} T_1^6 T_2^4 + 7140 c_{85} T_1^6 T_2^4 - 15494 a_2 b_3 T_1^7 T_2^4 + \\
 &28784 a_4 b_3 T_1^7 T_2^4 + 3984 a_2 b_5 T_1^7 T_2^4 - 7692 a_4 b_5 T_1^7 T_2^4 - 37613 c_{16} T_1^7 T_2^4 - 15633 c_{19} T_1^7 T_2^4 - \\
 &37613 c_{31} T_1^7 T_2^4 - 15633 c_{34} T_1^7 T_2^4 - 37613 c_{46} T_1^7 T_2^4 - 15633 c_{49} T_1^7 T_2^4 - 37613 c_{61} T_1^7 T_2^4 - \\
 &15633 c_{64} T_1^7 T_2^4 - 26814 c_{81} T_1^7 T_2^4 - 26733 c_{82} T_1^7 T_2^4 - 10080 c_{84} T_1^7 T_2^4 - 32466 c_{85} T_1^7 T_2^4 + \\
 &2454 a_2 b_3 T_1^8 T_2^4 - 5514 a_4 b_3 T_1^8 T_2^4 + 5927 c_{16} T_1^8 T_2^4 + 4077 c_{19} T_1^8 T_2^4 + 5927 c_{31} T_1^8 T_2^4 + \\
 &4077 c_{34} T_1^8 T_2^4 + 5927 c_{46} T_1^8 T_2^4 + 4077 c_{49} T_1^8 T_2^4 + 5927 c_{61} T_1^8 T_2^4 + 4077 c_{64} T_1^8 T_2^4 + 10080 c_{81} T_1^8 T_2^4 + \\
 &26397 c_{82} T_1^8 T_2^4 + 18837 c_{85} T_1^8 T_2^4 + 2142 c_{16} T_1^9 T_2^4 + 27 c_{19} T_1^9 T_2^4 + 2142 c_{31} T_1^9 T_2^4 + 27 c_{34} T_1^9 T_2^4 + \\
 &2142 c_{46} T_1^9 T_2^4 + 27 c_{49} T_1^9 T_2^4 + 2142 c_{61} T_1^9 T_2^4 + 27 c_{64} T_1^9 T_2^4 - 5697 c_{82} T_1^9 T_2^4 - 3510 c_{85} T_1^9 T_2^4 - \\
 &162 a_4 b_3 T_1^5 T_2^5 - 162 a_2 b_5 T_1^5 T_2^5 + 900 a_4 b_5 T_1^5 T_2^5 - 207 a_2 b_3 T_1 T_2^5 + 2238 a_4 b_3 T_1 T_2^5 + 2121 a_2 b_5 T_1 T_2^5 - \\
 &8721 a_4 b_5 T_1 T_2^5 - 108 c_{16} T_1 T_2^5 + 378 c_{19} T_1 T_2^5 - 108 c_{31} T_1 T_2^5 + 378 c_{34} T_1 T_2^5 - 108 c_{46} T_1 T_2^5 + \\
 &378 c_{49} T_1 T_2^5 - 108 c_{61} T_1 T_2^5 + 378 c_{64} T_1 T_2^5 + 3780 c_{81} T_1 T_2^5 + 486 c_{82} T_1 T_2^5 + 3780 c_{84} T_1 T_2^5 - \\
 &102 a_2 b_3 T_1^2 T_2^5 - 9452 a_4 b_3 T_1^2 T_2^5 - 5108 a_2 b_5 T_1^2 T_2^5 + 30965 a_4 b_5 T_1^2 T_2^5 - 2067 c_{16} T_1^2 T_2^5 + \\
 &3348 c_{19} T_1^2 T_2^5 - 2067 c_{31} T_1^2 T_2^5 + 3348 c_{34} T_1^2 T_2^5 - 2067 c_{46} T_1^2 T_2^5 + 3348 c_{49} T_1^2 T_2^5 - 2067 c_{61} T_1^2 T_2^5 + \\
 &3348 c_{64} T_1^2 T_2^5 - 900 c_{81} T_1^2 T_2^5 + 2376 c_{82} T_1^2 T_2^5 + 2880 c_{84} T_1^2 T_2^5 + 1053 c_{85} T_1^2 T_2^5 + 6402 a_2 b_3 T_1^3 T_2^5 + \\
 &11397 a_4 b_3 T_1^3 T_2^5 - 5221 a_2 b_5 T_1^3 T_2^5 - 40590 a_4 b_5 T_1^3 T_2^5 - 3601 c_{16} T_1^3 T_2^5 - 18522 c_{19} T_1^3 T_2^5 - \\
 &3601 c_{31} T_1^3 T_2^5 - 18522 c_{34} T_1^3 T_2^5 - 3601 c_{46} T_1^3 T_2^5 - 18522 c_{49} T_1^3 T_2^5 - 3601 c_{61} T_1^3 T_2^5 - \\
 &18522 c_{64} T_1^3 T_2^5 - 48828 c_{81} T_1^3 T_2^5 - 22914 c_{82} T_1^3 T_2^5 - 45948 c_{84} T_1^3 T_2^5 - 4644 c_{85} T_1^3 T_2^5 - \\
 &22256 a_2 b_3 T_1^4 T_2^5 + 20639 a_4 b_3 T_1^4 T_2^5 + 32453 a_2 b_5 T_1^4 T_2^5 - 11730 a_4 b_5 T_1^4 T_2^5 + 19169 c_{16} T_1^4 T_2^5 + \\
 &17791 c_{19} T_1^4 T_2^5 + 19169 c_{31} T_1^4 T_2^5 + 17791 c_{34} T_1^4 T_2^5 + 19169 c_{46} T_1^4 T_2^5 + 17791 c_{49} T_1^4 T_2^5 + \\
 &19169 c_{61} T_1^4 T_2^5 + 17791 c_{64} T_1^4 T_2^5 + 103194 c_{81} T_1^4 T_2^5 + 48828 c_{82} T_1^4 T_2^5 + 57246 c_{84} T_1^4 T_2^5 + \\
 &2880 c_{85} T_1^4 T_2^5 + 33772 a_2 b_3 T_1^5 T_2^5 - 72826 a_4 b_3 T_1^5 T_2^5 - 41692 a_2 b_5 T_1^5 T_2^5 + 72826 a_4 b_5 T_1^5 T_2^5 + \\
 &7160 c_{16} T_1^5 T_2^5 + 25471 c_{19} T_1^5 T_2^5 + 7160 c_{31} T_1^5 T_2^5 + 25471 c_{34} T_1^5 T_2^5 + 7160 c_{46} T_1^5 T_2^5 + \\
 &25471 c_{49} T_1^5 T_2^5 + 7160 c_{61} T_1^5 T_2^5 + 25471 c_{64} T_1^5 T_2^5 - 50106 c_{81} T_1^5 T_2^5 - 22752 c_{82} T_1^5 T_2^5 + \\
 &7140 c_{84} T_1^5 T_2^5 + 16734 c_{85} T_1^5 T_2^5 - 26162 a_2 b_3 T_1^6 T_2^5 + 78815 a_4 b_3 T_1^6 T_2^5 + 21593 a_2 b_5 T_1^6 T_2^5 - \\
 &53919 a_4 b_5 T_1^6 T_2^5 - 50909 c_{16} T_1^6 T_2^5 - 50909 c_{19} T_1^6 T_2^5 - 50909 c_{31} T_1^6 T_2^5 - 50909 c_{34} T_1^6 T_2^5 - \\
 &50909 c_{46} T_1^6 T_2^5 - 50909 c_{49} T_1^6 T_2^5 - 50909 c_{61} T_1^6 T_2^5 - 50909 c_{64} T_1^6 T_2^5 - 45972 c_{81} T_1^6 T_2^5 - \\
 &45972 c_{82} T_1^6 T_2^5 - 38832 c_{84} T_1^6 T_2^5 - 38832 c_{85} T_1^6 T_2^5 + 10083 a_2 b_3 T_1^7 T_2^5 - 37087 a_4 b_3 T_1^7 T_2^5 - \\
 &3984 a_2 b_5 T_1^7 T_2^5 + 11952 a_4 b_5 T_1^7 T_2^5 + 30247 c_{16} T_1^7 T_2^5 + 24531 c_{19} T_1^7 T_2^5 + 30247 c_{31} T_1^7 T_2^5 + \\
 &24531 c_{34} T_1^7 T_2^5 + 30247 c_{46} T_1^7 T_2^5 + 24531 c_{49} T_1^7 T_2^5 + 30247 c_{61} T_1^7 T_2^5 + 24531 c_{64} T_1^7 T_2^5 + \\
 &52566 c_{81} T_1^7 T_2^5 + 67686 c_{82} T_1^7 T_2^5 + 13734 c_{84} T_1^7 T_2^5 + 35220 c_{85} T_1^7 T_2^5 - 1530 a_2 b_3 T_1^8 T_2^5 + \\
 &6438 a_4 b_3 T_1^8 T_2^5 + 4687 c_{16} T_1^8 T_2^5 - 819 c_{19} T_1^8 T_2^5 + 4687 c_{31} T_1^8 T_2^5 - 819 c_{34} T_1^8 T_2^5 + 4687 c_{46} T_1^8 T_2^5 - \\
 &819 c_{49} T_1^8 T_2^5 + 4687 c_{61} T_1^8 T_2^5 - 819 c_{64} T_1^8 T_2^5 - 13734 c_{81} T_1^8 T_2^5 - 33624 c_{82} T_1^8 T_2^5 - 14787 c_{85} T_1^8 T_2^5 - \\
 &4578 c_{16} T_1^9 T_2^5 - 1269 c_{19} T_1^9 T_2^5 - 4578 c_{31} T_1^9 T_2^5 - 1269 c_{34} T_1^9 T_2^5 - 4578 c_{46} T_1^9 T_2^5 - 1269 c_{49} T_1^9 T_2^5 - \\
 &4578 c_{61} T_1^9 T_2^5 - 1269 c_{64} T_1^9 T_2^5 + 5886 c_{82} T_1^9 T_2^5 + 2376 c_{85} T_1^9 T_2^5 - 162 a_4 b_5 T_1^6 T_2^6 - 207 a_4 b_3 T_1 T_2^6 - \\
 &207 a_2 b_5 T_1 T_2^6 + 2283 a_4 b_5 T_1 T_2^6 - 567 c_{81} T_1 T_2^6 - 567 c_{84} T_1 T_2^6 + 324 a_2 b_3 T_1^2 T_2^6 + 105 a_4 b_3 T_1^2 T_2^6 - \\
 &633 a_2 b_5 T_1^2 T_2^6 - 7274 a_4 b_5 T_1^2 T_2^6 + 360 c_{16} T_1^2 T_2^6 - 1260 c_{19} T_1^2 T_2^6 + 360 c_{31} T_1^2 T_2^6 - 1260 c_{34} T_1^2 T_2^6 + \\
 &360 c_{46} T_1^2 T_2^6 - 1260 c_{49} T_1^2 T_2^6 + 360 c_{61} T_1^2 T_2^6 - 1260 c_{64} T_1^2 T_2^6 - 4077 c_{81} T_1^2 T_2^6 - 1053 c_{82} T_1^2 T_2^6 - \\
 &4644 c_{84} T_1^2 T_2^6 - 2178 a_2 b_3 T_1^3 T_2^6 + 7035 a_4 b_3 T_1^3 T_2^6 + 7947 a_2 b_5 T_1^3 T_2^6 - 2912 a_4 b_5 T_1^3 T_2^6 + \\
 &2130 c_{16} T_1^3 T_2^6 + 1650 c_{19} T_1^3 T_2^6 + 2130 c_{31} T_1^3 T_2^6 + 1650 c_{34} T_1^3 T_2^6 + 2130 c_{46} T_1^3 T_2^6 + 1650 c_{49} T_1^3 T_2^6 + \\
 &2130 c_{61} T_1^3 T_2^6 + 1650 c_{64} T_1^3 T_2^6 + 22914 c_{81} T_1^3 T_2^6 + 4077 c_{82} T_1^3 T_2^6 + 18270 c_{84} T_1^3 T_2^6 - 567 c_{85} T_1^3 T_2^6 + \\
 &5838 a_2 b_3 T_1^4 T_2^6 - 30203 a_4 b_3 T_1^4 T_2^6 - 20147 a_2 b_5 T_1^4 T_2^6 + 47930 a_4 b_5 T_1^4 T_2^6 - 2412 c_{16} T_1^4 T_2^6 + \\
 &13447 c_{19} T_1^4 T_2^6 - 2412 c_{31} T_1^4 T_2^6 + 13447 c_{34} T_1^4 T_2^6 - 2412 c_{46} T_1^4 T_2^6 + 13447 c_{49} T_1^4 T_2^6 - \\
 &2412 c_{61} T_1^4 T_2^6 + 13447 c_{64} T_1^4 T_2^6 - 24003 c_{81} T_1^4 T_2^6 + 900 c_{82} T_1^4 T_2^6 - 5733 c_{84} T_1^4 T_2^6 + \\
 &3780 c_{85} T_1^4 T_2^6 - 7968 a_2 b_3 T_1^5 T_2^6 + 53919 a_4 b_3 T_1^5 T_2^6 + 21593 a_2 b_5 T_1^5 T_2^6 - 78815 a_4 b_5 T_1^5 T_2^6 - \\
 &15633 c_{16} T_1^5 T_2^6 - 37613 c_{19} T_1^5 T_2^6 - 15633 c_{31} T_1^5 T_2^6 - 37613 c_{34} T_1^5 T_2^6 - 15633 c_{46} T_1^5 T_2^6 - \\
 &37613 c_{49} T_1^5 T_2^6 - 15633 c_{61} T_1^5 T_2^6 - 37613 c_{64} T_1^5 T_2^6 - 26733 c_{81} T_1^5 T_2^6 - 26814 c_{82} T_1^5 T_2^6 - \\
 &32466 c_{84} T_1^5 T_2^6 - 10080 c_{85} T_1^5 T_2^6 + 5838 a_2 b_3 T_1^6 T_2^6 - 47755 a_4 b_3 T_1^6 T_2^6 - 10407 a_2 b_5 T_1^6 T_2^6 + \\
 &47755 a_4 b_5 T_1^6 T_2^6 + 24531 c_{16} T_1^6 T_2^6 + 30247 c_{19} T_1^6 T_2^6 + 24531 c_{31} T_1^6 T_2^6 + 30247 c_{34} T_1^6 T_2^6 + \\
 &24531 c_{46} T_1^6 T_2^6 + 30247 c_{49} T_1^6 T_2^6 + 24531 c_{61} T_1^6 T_2^6 + 30247 c_{64} T_1^6 T_2^6 + 67686 c_{81} T_1^6 T_2^6 +
 \end{aligned}$$

$$\begin{aligned}
 & 52\,566\,c_{82}\,T_1^6\,T_2^6 + 35\,220\,c_{84}\,T_1^6\,T_2^6 + 13\,734\,c_{85}\,T_1^6\,T_2^6 - 2178\,a_2\,b_3\,T_1^7\,T_2^6 + 20\,490\,a_4\,b_3\,T_1^7\,T_2^6 + \\
 & 1854\,a_2\,b_5\,T_1^7\,T_2^6 - 9822\,a_4\,b_5\,T_1^7\,T_2^6 - 747\,c_{16}\,T_1^7\,T_2^6 - 747\,c_{19}\,T_1^7\,T_2^6 - 747\,c_{31}\,T_1^7\,T_2^6 - 747\,c_{34}\,T_1^7\,T_2^6 - \\
 & 747\,c_{46}\,T_1^7\,T_2^6 - 747\,c_{49}\,T_1^7\,T_2^6 - 747\,c_{61}\,T_1^7\,T_2^6 - 747\,c_{64}\,T_1^7\,T_2^6 - 45\,300\,c_{81}\,T_1^7\,T_2^6 - 45\,300\,c_{82}\,T_1^7\,T_2^6 - \\
 & 10\,080\,c_{84}\,T_1^7\,T_2^6 - 10\,080\,c_{85}\,T_1^7\,T_2^6 + 324\,a_2\,b_3\,T_1^8\,T_2^6 - 3384\,a_4\,b_3\,T_1^8\,T_2^6 - 12\,807\,c_{16}\,T_1^8\,T_2^6 - \\
 & 8127\,c_{19}\,T_1^8\,T_2^6 - 12\,807\,c_{31}\,T_1^8\,T_2^6 - 8127\,c_{34}\,T_1^8\,T_2^6 - 12\,807\,c_{46}\,T_1^8\,T_2^6 - 8127\,c_{49}\,T_1^8\,T_2^6 - \\
 & 12\,807\,c_{61}\,T_1^8\,T_2^6 - 8127\,c_{64}\,T_1^8\,T_2^6 + 10\,080\,c_{81}\,T_1^8\,T_2^6 + 18\,567\,c_{82}\,T_1^8\,T_2^6 + 3780\,c_{85}\,T_1^8\,T_2^6 + \\
 & 4578\,c_{16}\,T_1^9\,T_2^6 + 2403\,c_{19}\,T_1^9\,T_2^6 + 4578\,c_{31}\,T_1^9\,T_2^6 + 2403\,c_{34}\,T_1^9\,T_2^6 + 4578\,c_{46}\,T_1^9\,T_2^6 + 2403\,c_{49}\,T_1^9\,T_2^6 + \\
 & 4578\,c_{61}\,T_1^9\,T_2^6 + 2403\,c_{64}\,T_1^9\,T_2^6 - 2943\,c_{82}\,T_1^9\,T_2^6 - 567\,c_{85}\,T_1^9\,T_2^6 - 207\,a_4\,b_5\,T_1\,T_2^7 + 324\,a_4\,b_3\,T_1^2\,T_2^7 + \\
 & 324\,a_2\,b_5\,T_1^2\,T_2^7 - 426\,a_4\,b_5\,T_1^2\,T_2^7 + 1053\,c_{81}\,T_1^2\,T_2^7 + 1053\,c_{84}\,T_1^2\,T_2^7 - 2502\,a_4\,b_3\,T_1^3\,T_2^7 - \\
 & 1854\,a_2\,b_5\,T_1^3\,T_2^7 + 9111\,a_4\,b_5\,T_1^3\,T_2^7 - 360\,c_{16}\,T_1^3\,T_2^7 + 1260\,c_{19}\,T_1^3\,T_2^7 - 360\,c_{31}\,T_1^3\,T_2^7 + 1260\,c_{34}\,T_1^3\,T_2^7 - \\
 & 360\,c_{46}\,T_1^3\,T_2^7 + 1260\,c_{49}\,T_1^3\,T_2^7 - 360\,c_{61}\,T_1^3\,T_2^7 + 1260\,c_{64}\,T_1^3\,T_2^7 - 2376\,c_{81}\,T_1^3\,T_2^7 + 567\,c_{82}\,T_1^3\,T_2^7 - \\
 & 1323\,c_{84}\,T_1^3\,T_2^7 + 7692\,a_4\,b_3\,T_1^4\,T_2^7 + 3984\,a_2\,b_5\,T_1^4\,T_2^7 - 28\,784\,a_4\,b_5\,T_1^4\,T_2^7 - 702\,c_{16}\,T_1^4\,T_2^7 - \\
 & 5493\,c_{19}\,T_1^4\,T_2^7 - 702\,c_{31}\,T_1^4\,T_2^7 - 5493\,c_{34}\,T_1^4\,T_2^7 - 702\,c_{46}\,T_1^4\,T_2^7 - 5493\,c_{49}\,T_1^4\,T_2^7 - 702\,c_{61}\,T_1^4\,T_2^7 - \\
 & 5493\,c_{64}\,T_1^4\,T_2^7 - 6237\,c_{81}\,T_1^4\,T_2^7 - 3780\,c_{82}\,T_1^4\,T_2^7 - 7560\,c_{84}\,T_1^4\,T_2^7 - 11\,952\,a_4\,b_3\,T_1^5\,T_2^7 - \\
 & 3984\,a_2\,b_5\,T_1^5\,T_2^7 + 37\,087\,a_4\,b_5\,T_1^5\,T_2^7 + 4077\,c_{16}\,T_1^5\,T_2^7 + 5927\,c_{19}\,T_1^5\,T_2^7 + 4077\,c_{31}\,T_1^5\,T_2^7 + \\
 & 5927\,c_{34}\,T_1^5\,T_2^7 + 4077\,c_{46}\,T_1^5\,T_2^7 + 5927\,c_{49}\,T_1^5\,T_2^7 + 4077\,c_{61}\,T_1^5\,T_2^7 + 5927\,c_{64}\,T_1^5\,T_2^7 + 26\,397\,c_{81}\,T_1^5\,T_2^7 + \\
 & 10\,080\,c_{82}\,T_1^5\,T_2^7 + 18\,837\,c_{84}\,T_1^5\,T_2^7 + 9822\,a_4\,b_3\,T_1^6\,T_2^7 + 1854\,a_2\,b_5\,T_1^6\,T_2^7 - 20\,490\,a_4\,b_5\,T_1^6\,T_2^7 - \\
 & 819\,c_{16}\,T_1^6\,T_2^7 + 4687\,c_{19}\,T_1^6\,T_2^7 - 819\,c_{31}\,T_1^6\,T_2^7 + 4687\,c_{34}\,T_1^6\,T_2^7 - 819\,c_{46}\,T_1^6\,T_2^7 + 4687\,c_{49}\,T_1^6\,T_2^7 - \\
 & 819\,c_{61}\,T_1^6\,T_2^7 + 4687\,c_{64}\,T_1^6\,T_2^7 - 33\,624\,c_{81}\,T_1^6\,T_2^7 - 13\,734\,c_{82}\,T_1^6\,T_2^7 - 14\,787\,c_{84}\,T_1^6\,T_2^7 - \\
 & 4032\,a_4\,b_3\,T_1^7\,T_2^7 - 324\,a_2\,b_5\,T_1^7\,T_2^7 + 4032\,a_4\,b_5\,T_1^7\,T_2^7 - 8127\,c_{16}\,T_1^7\,T_2^7 - 12\,807\,c_{19}\,T_1^7\,T_2^7 - \\
 & 8127\,c_{31}\,T_1^7\,T_2^7 - 12\,807\,c_{34}\,T_1^7\,T_2^7 - 8127\,c_{46}\,T_1^7\,T_2^7 - 12\,807\,c_{49}\,T_1^7\,T_2^7 - 8127\,c_{61}\,T_1^7\,T_2^7 - \\
 & 12\,807\,c_{64}\,T_1^7\,T_2^7 + 18\,567\,c_{81}\,T_1^7\,T_2^7 + 10\,080\,c_{82}\,T_1^7\,T_2^7 + 3780\,c_{84}\,T_1^7\,T_2^7 + 648\,a_4\,b_3\,T_1^8\,T_2^7 + \\
 & 8073\,c_{16}\,T_1^8\,T_2^7 + 8073\,c_{19}\,T_1^8\,T_2^7 + 8073\,c_{31}\,T_1^8\,T_2^7 + 8073\,c_{34}\,T_1^8\,T_2^7 + 8073\,c_{46}\,T_1^8\,T_2^7 + 8073\,c_{49}\,T_1^8\,T_2^7 + \\
 & 8073\,c_{61}\,T_1^8\,T_2^7 + 8073\,c_{64}\,T_1^8\,T_2^7 - 3780\,c_{81}\,T_1^8\,T_2^7 - 3780\,c_{82}\,T_1^8\,T_2^7 - 2142\,c_{16}\,T_1^9\,T_2^7 - 1647\,c_{19}\,T_1^9\,T_2^7 - \\
 & 2142\,c_{31}\,T_1^9\,T_2^7 - 1647\,c_{34}\,T_1^9\,T_2^7 - 2142\,c_{46}\,T_1^9\,T_2^7 - 1647\,c_{49}\,T_1^9\,T_2^7 - 2142\,c_{61}\,T_1^9\,T_2^7 - 1647\,c_{64}\,T_1^9\,T_2^7 + \\
 & 567\,c_{82}\,T_1^9\,T_2^7 + 324\,a_4\,b_5\,T_1^2\,T_2^8 - 2178\,a_4\,b_5\,T_1^3\,T_2^8 - 486\,c_{81}\,T_1^3\,T_2^8 - 486\,c_{84}\,T_1^3\,T_2^8 + 5514\,a_4\,b_5\,T_1^4\,T_2^8 + \\
 & 108\,c_{16}\,T_1^4\,T_2^8 - 378\,c_{19}\,T_1^4\,T_2^8 + 108\,c_{31}\,T_1^4\,T_2^8 - 378\,c_{34}\,T_1^4\,T_2^8 + 108\,c_{46}\,T_1^4\,T_2^8 - 378\,c_{49}\,T_1^4\,T_2^8 + \\
 & 108\,c_{61}\,T_1^4\,T_2^8 - 378\,c_{64}\,T_1^4\,T_2^8 + 2673\,c_{81}\,T_1^4\,T_2^8 + 2187\,c_{84}\,T_1^4\,T_2^8 - 6438\,a_4\,b_5\,T_1^5\,T_2^8 + 27\,c_{16}\,T_1^5\,T_2^8 + \\
 & 2142\,c_{19}\,T_1^5\,T_2^8 + 27\,c_{31}\,T_1^5\,T_2^8 + 2142\,c_{34}\,T_1^5\,T_2^8 + 27\,c_{46}\,T_1^5\,T_2^8 + 2142\,c_{49}\,T_1^5\,T_2^8 + 27\,c_{61}\,T_1^5\,T_2^8 + \\
 & 2142\,c_{64}\,T_1^5\,T_2^8 - 5697\,c_{81}\,T_1^5\,T_2^8 - 3510\,c_{84}\,T_1^5\,T_2^8 + 3384\,a_4\,b_5\,T_1^6\,T_2^8 - 1269\,c_{16}\,T_1^6\,T_2^8 - 4578\,c_{19}\,T_1^6\,T_2^8 - \\
 & 1269\,c_{31}\,T_1^6\,T_2^8 - 4578\,c_{34}\,T_1^6\,T_2^8 - 1269\,c_{46}\,T_1^6\,T_2^8 - 4578\,c_{49}\,T_1^6\,T_2^8 - 1269\,c_{61}\,T_1^6\,T_2^8 - 4578\,c_{64}\,T_1^6\,T_2^8 + \\
 & 5886\,c_{81}\,T_1^6\,T_2^8 + 2376\,c_{84}\,T_1^6\,T_2^8 - 648\,a_4\,b_5\,T_1^7\,T_2^8 + 2403\,c_{16}\,T_1^7\,T_2^8 + 4578\,c_{19}\,T_1^7\,T_2^8 + 2403\,c_{31}\,T_1^7\,T_2^8 + \\
 & 4578\,c_{34}\,T_1^7\,T_2^8 + 2403\,c_{46}\,T_1^7\,T_2^8 + 4578\,c_{49}\,T_1^7\,T_2^8 + 2403\,c_{61}\,T_1^7\,T_2^8 + 4578\,c_{64}\,T_1^7\,T_2^8 - 2943\,c_{81}\,T_1^7\,T_2^8 - \\
 & 567\,c_{84}\,T_1^7\,T_2^8 - 1647\,c_{16}\,T_1^8\,T_2^8 - 2142\,c_{19}\,T_1^8\,T_2^8 - 1647\,c_{31}\,T_1^8\,T_2^8 - 2142\,c_{34}\,T_1^8\,T_2^8 - 1647\,c_{46}\,T_1^8\,T_2^8 - \\
 & 2142\,c_{49}\,T_1^8\,T_2^8 - 1647\,c_{61}\,T_1^8\,T_2^8 - 2142\,c_{64}\,T_1^8\,T_2^8 + 567\,c_{81}\,T_1^8\,T_2^8 + 378\,c_{16}\,T_1^9\,T_2^8 + 378\,c_{19}\,T_1^9\,T_2^8 + \\
 & 378\,c_{31}\,T_1^9\,T_2^8 + 378\,c_{34}\,T_1^9\,T_2^8 + 378\,c_{46}\,T_1^9\,T_2^8 + 378\,c_{49}\,T_1^9\,T_2^8 + 378\,c_{61}\,T_1^9\,T_2^8 + 378\,c_{64}\,T_1^9\,T_2^8) / \\
 & ((-1 + T_1) T_1 (3 - 7 T_1 + 3 T_1^2) (-1 + T_2) (-1 + T_1 T_2) (3 - 7 T_2 + 3 T_2^2) (3 - 7 T_1 T_2 + 3 T_1^2 T_2^2)) / \\
 & ((3 - 7 T_1 + 3 T_1^2) (3 - 7 T_2 + 3 T_2^2) (3 - 7 T_1 T_2 + 3 T_1^2 T_2^2))
 \end{aligned}$$

» {128.531,

$$\begin{aligned}
 \text{Knot}[9, 1] \rightarrow - & \left( (i T_1^8 T_2^8 \mathbb{E} [\in \text{Series}[0, -((-c_{81} - c_{82} - c_{84} - c_{85} + c_{16} T_1 + c_{31} T_1 + c_{46} T_1 + c_{61} T_1 + 5 c_{81} T_1 + \right. \\
 & 4 c_{82} T_1 + 4 c_{84} T_1 + 4 c_{85} T_1 - 3 c_{16} T_1^2 - 3 c_{31} T_1^2 - 3 c_{46} T_1^2 - 3 c_{61} T_1^2 - 13 c_{81} T_1^2 - 8 c_{82} T_1^2 - \\
 & 9 c_{84} T_1^2 - 8 c_{85} T_1^2 + 6 c_{16} T_1^3 + 6 c_{31} T_1^3 + 6 c_{46} T_1^3 + 6 c_{61} T_1^3 + 25 c_{81} T_1^3 + 12 c_{82} T_1^3 + 16 c_{84} T_1^3 + \\
 & 12 c_{85} T_1^3 - 10 c_{16} T_1^4 - 10 c_{31} T_1^4 - 10 c_{46} T_1^4 - 10 c_{61} T_1^4 - 41 c_{81} T_1^4 - 16 c_{82} T_1^4 - 25 c_{84} T_1^4 - 16 c_{85} T_1^4 + \\
 & 15 c_{16} T_1^5 + 15 c_{31} T_1^5 + 15 c_{46} T_1^5 + 15 c_{61} T_1^5 + 61 c_{81} T_1^5 + 20 c_{82} T_1^5 + 36 c_{84} T_1^5 + 20 c_{85} T_1^5 - \\
 & 21 c_{16} T_1^6 - 21 c_{31} T_1^6 - 21 c_{46} T_1^6 - 21 c_{61} T_1^6 - 85 c_{81} T_1^6 - 24 c_{82} T_1^6 - 49 c_{84} T_1^6 - 24 c_{85} T_1^6 + \\
 & 28 c_{16} T_1^7 + 28 c_{31} T_1^7 + 28 c_{46} T_1^7 + 28 c_{61} T_1^7 + 113 c_{81} T_1^7 + 28 c_{82} T_1^7 + 64 c_{84} T_1^7 + 28 c_{85} T_1^7 - \\
 & 36 c_{16} T_1^8 - 36 c_{31} T_1^8 - 36 c_{46} T_1^8 - 36 c_{61} T_1^8 - 136 c_{81} T_1^8 - 32 c_{82} T_1^8 - 72 c_{84} T_1^8 - 32 c_{85} T_1^8 + \\
 & 44 c_{16} T_1^9 + 44 c_{31} T_1^9 + 44 c_{46} T_1^9 + 44 c_{61} T_1^9 + 143 c_{81} T_1^9 + 34 c_{82} T_1^9 + 71 c_{84} T_1^9 + 34 c_{85} T_1^9 - \\
 & \left. 50 c_{16} T_1^{10} - 50 c_{31} T_1^{10} - 50 c_{46} T_1^{10} - 50 c_{61} T_1^{10} - 139 c_{81} T_1^{10} - 32 c_{82} T_1^{10} - 68 c_{84} T_1^{10} - 32 c_{85} T_1^{10} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & 53 c_{16} T_1^{11} + 53 c_{31} T_1^{11} + 53 c_{46} T_1^{11} + 53 c_{61} T_1^{11} + 131 c_{81} T_1^{11} + 28 c_{82} T_1^{11} + 63 c_{84} T_1^{11} + 28 c_{85} T_1^{11} - \\
 & 53 c_{16} T_1^{12} - 53 c_{31} T_1^{12} - 53 c_{46} T_1^{12} - 53 c_{61} T_1^{12} - 119 c_{81} T_1^{12} - 24 c_{82} T_1^{12} - 56 c_{84} T_1^{12} - 24 c_{85} T_1^{12} + \\
 & 50 c_{16} T_1^{13} + 50 c_{31} T_1^{13} + 50 c_{46} T_1^{13} + 50 c_{61} T_1^{13} + 103 c_{81} T_1^{13} + 20 c_{82} T_1^{13} + 47 c_{84} T_1^{13} + 20 c_{85} T_1^{13} - \\
 & 44 c_{16} T_1^{14} - 44 c_{31} T_1^{14} - 44 c_{46} T_1^{14} - 44 c_{61} T_1^{14} - 83 c_{81} T_1^{14} - 16 c_{82} T_1^{14} - 36 c_{84} T_1^{14} - 16 c_{85} T_1^{14} + \\
 & 35 c_{16} T_1^{15} + 35 c_{31} T_1^{15} + 35 c_{46} T_1^{15} + 35 c_{61} T_1^{15} + 59 c_{81} T_1^{15} + 12 c_{82} T_1^{15} + 23 c_{84} T_1^{15} + 12 c_{85} T_1^{15} - \\
 & 23 c_{16} T_1^{16} - 23 c_{31} T_1^{16} - 23 c_{46} T_1^{16} - 23 c_{61} T_1^{16} - 31 c_{81} T_1^{16} - 8 c_{82} T_1^{16} - 8 c_{84} T_1^{16} - 8 c_{85} T_1^{16} + \\
 & 8 c_{16} T_1^{17} + 8 c_{31} T_1^{17} + 8 c_{46} T_1^{17} + 8 c_{61} T_1^{17} + 8 c_{81} T_1^{17} + 4 c_{82} T_1^{17} + 4 c_{85} T_1^{17} - c_{82} T_1^{18} - c_{85} T_1^{18} - \\
 & a_2 b_3 T_2 + a_2 b_5 T_2 + c_{19} T_2 + c_{34} T_2 + c_{49} T_2 + c_{64} T_2 + 4 c_{81} T_2 + 5 c_{82} T_2 + 4 c_{84} T_2 + 4 c_{85} T_2 + \\
 & 4 a_2 b_3 T_1 T_2 - a_4 b_3 T_1 T_2 - 3 a_2 b_5 T_1 T_2 + a_4 b_5 T_1 T_2 - 3 c_{16} T_1 T_2 - 3 c_{19} T_1 T_2 - 3 c_{31} T_1 T_2 - \\
 & 3 c_{34} T_1 T_2 - 3 c_{46} T_1 T_2 - 3 c_{49} T_1 T_2 - 3 c_{61} T_1 T_2 - 3 c_{64} T_1 T_2 - 17 c_{81} T_1 T_2 - 17 c_{82} T_1 T_2 - \\
 & 13 c_{84} T_1 T_2 - 13 c_{85} T_1 T_2 - 8 a_2 b_3 T_1^2 T_2 + 3 a_4 b_3 T_1^2 T_2 + 5 a_2 b_5 T_1^2 T_2 - 2 a_4 b_5 T_1^2 T_2 + 7 c_{16} T_1^2 T_2 + \\
 & 5 c_{19} T_1^2 T_2 + 7 c_{31} T_1^2 T_2 + 5 c_{34} T_1^2 T_2 + 7 c_{46} T_1^2 T_2 + 5 c_{49} T_1^2 T_2 + 7 c_{61} T_1^2 T_2 + 5 c_{64} T_1^2 T_2 + \\
 & 37 c_{81} T_1^2 T_2 + 28 c_{82} T_1^2 T_2 + 24 c_{84} T_1^2 T_2 + 20 c_{85} T_1^2 T_2 + 12 a_2 b_3 T_1^3 T_2 - 5 a_4 b_3 T_1^3 T_2 - 7 a_2 b_5 T_1^3 T_2 + \\
 & 3 a_4 b_5 T_1^3 T_2 - 12 c_{16} T_1^3 T_2 - 7 c_{19} T_1^3 T_2 - 12 c_{31} T_1^3 T_2 - 7 c_{34} T_1^3 T_2 - 12 c_{46} T_1^3 T_2 - 7 c_{49} T_1^3 T_2 - \\
 & 12 c_{61} T_1^3 T_2 - 7 c_{64} T_1^3 T_2 - 61 c_{81} T_1^3 T_2 - 36 c_{82} T_1^3 T_2 - 37 c_{84} T_1^3 T_2 - 24 c_{85} T_1^3 T_2 - 16 a_2 b_3 T_1^4 T_2 + \\
 & 7 a_4 b_3 T_1^4 T_2 + 9 a_2 b_5 T_1^4 T_2 - 4 a_4 b_5 T_1^4 T_2 + 18 c_{16} T_1^4 T_2 + 9 c_{19} T_1^4 T_2 + 18 c_{31} T_1^4 T_2 + 9 c_{34} T_1^4 T_2 + \\
 & 18 c_{46} T_1^4 T_2 + 9 c_{49} T_1^4 T_2 + 18 c_{61} T_1^4 T_2 + 9 c_{64} T_1^4 T_2 + 89 c_{81} T_1^4 T_2 + 44 c_{82} T_1^4 T_2 + 52 c_{84} T_1^4 T_2 + \\
 & 28 c_{85} T_1^4 T_2 + 20 a_2 b_3 T_1^5 T_2 - 9 a_4 b_3 T_1^5 T_2 - 11 a_2 b_5 T_1^5 T_2 + 5 a_4 b_5 T_1^5 T_2 - 25 c_{16} T_1^5 T_2 - \\
 & 11 c_{19} T_1^5 T_2 - 25 c_{31} T_1^5 T_2 - 11 c_{34} T_1^5 T_2 - 25 c_{46} T_1^5 T_2 - 11 c_{49} T_1^5 T_2 - 25 c_{61} T_1^5 T_2 - 11 c_{64} T_1^5 T_2 - \\
 & 121 c_{81} T_1^5 T_2 - 52 c_{82} T_1^5 T_2 - 69 c_{84} T_1^5 T_2 - 32 c_{85} T_1^5 T_2 - 24 a_2 b_3 T_1^6 T_2 + 11 a_4 b_3 T_1^6 T_2 + \\
 & 13 a_2 b_5 T_1^6 T_2 - 6 a_4 b_5 T_1^6 T_2 + 33 c_{16} T_1^6 T_2 + 13 c_{19} T_1^6 T_2 + 33 c_{31} T_1^6 T_2 + 13 c_{34} T_1^6 T_2 + 33 c_{46} T_1^6 T_2 + \\
 & 13 c_{49} T_1^6 T_2 + 33 c_{61} T_1^6 T_2 + 13 c_{64} T_1^6 T_2 + 157 c_{81} T_1^6 T_2 + 60 c_{82} T_1^6 T_2 + 88 c_{84} T_1^6 T_2 + 36 c_{85} T_1^6 T_2 + \\
 & 28 a_2 b_3 T_1^7 T_2 - 13 a_4 b_3 T_1^7 T_2 - 15 a_2 b_5 T_1^7 T_2 + 7 a_4 b_5 T_1^7 T_2 - 42 c_{16} T_1^7 T_2 - 15 c_{19} T_1^7 T_2 - \\
 & 42 c_{31} T_1^7 T_2 - 15 c_{34} T_1^7 T_2 - 42 c_{46} T_1^7 T_2 - 15 c_{49} T_1^7 T_2 - 42 c_{61} T_1^7 T_2 - 15 c_{64} T_1^7 T_2 - 197 c_{81} T_1^7 T_2 - \\
 & 68 c_{82} T_1^7 T_2 - 109 c_{84} T_1^7 T_2 - 40 c_{85} T_1^7 T_2 - 32 a_2 b_3 T_1^8 T_2 + 15 a_4 b_3 T_1^8 T_2 + 17 a_2 b_5 T_1^8 T_2 - \\
 & 8 a_4 b_5 T_1^8 T_2 + 52 c_{16} T_1^8 T_2 + 17 c_{19} T_1^8 T_2 + 52 c_{31} T_1^8 T_2 + 17 c_{34} T_1^8 T_2 + 52 c_{46} T_1^8 T_2 + 17 c_{49} T_1^8 T_2 + \\
 & 52 c_{61} T_1^8 T_2 + 17 c_{64} T_1^8 T_2 + 214 c_{81} T_1^8 T_2 + 76 c_{82} T_1^8 T_2 + 105 c_{84} T_1^8 T_2 + 44 c_{85} T_1^8 T_2 + \\
 & 34 a_2 b_3 T_1^9 T_2 - 17 a_4 b_3 T_1^9 T_2 - 17 a_2 b_5 T_1^9 T_2 + 9 a_4 b_5 T_1^9 T_2 - 60 c_{16} T_1^9 T_2 - 17 c_{19} T_1^9 T_2 - \\
 & 60 c_{31} T_1^9 T_2 - 17 c_{34} T_1^9 T_2 - 60 c_{46} T_1^9 T_2 - 17 c_{49} T_1^9 T_2 - 60 c_{61} T_1^9 T_2 - 17 c_{64} T_1^9 T_2 - 191 c_{81} T_1^9 T_2 - \\
 & 74 c_{82} T_1^9 T_2 - 86 c_{84} T_1^9 T_2 - 40 c_{85} T_1^9 T_2 - 32 a_2 b_3 T_1^{10} T_2 + 17 a_4 b_3 T_1^{10} T_2 + 15 a_2 b_5 T_1^{10} T_2 - \\
 & 8 a_4 b_5 T_1^{10} T_2 + 62 c_{16} T_1^{10} T_2 + 15 c_{19} T_1^{10} T_2 + 62 c_{31} T_1^{10} T_2 + 15 c_{34} T_1^{10} T_2 + 62 c_{46} T_1^{10} T_2 + \\
 & 15 c_{49} T_1^{10} T_2 + 62 c_{61} T_1^{10} T_2 + 15 c_{64} T_1^{10} T_2 + 163 c_{81} T_1^{10} T_2 + 58 c_{82} T_1^{10} T_2 + 77 c_{84} T_1^{10} T_2 + \\
 & 26 c_{85} T_1^{10} T_2 + 28 a_2 b_3 T_1^{11} T_2 - 15 a_4 b_3 T_1^{11} T_2 - 13 a_2 b_5 T_1^{11} T_2 + 7 a_4 b_5 T_1^{11} T_2 - 59 c_{16} T_1^{11} T_2 - \\
 & 13 c_{19} T_1^{11} T_2 - 59 c_{31} T_1^{11} T_2 - 13 c_{34} T_1^{11} T_2 - 59 c_{46} T_1^{11} T_2 - 13 c_{49} T_1^{11} T_2 - 59 c_{61} T_1^{11} T_2 - \\
 & 13 c_{64} T_1^{11} T_2 - 143 c_{81} T_1^{11} T_2 - 44 c_{82} T_1^{11} T_2 - 66 c_{84} T_1^{11} T_2 - 16 c_{85} T_1^{11} T_2 - 24 a_2 b_3 T_1^{12} T_2 + \\
 & 13 a_4 b_3 T_1^{12} T_2 + 11 a_2 b_5 T_1^{12} T_2 - 6 a_4 b_5 T_1^{12} T_2 + 53 c_{16} T_1^{12} T_2 + 11 c_{19} T_1^{12} T_2 + 53 c_{31} T_1^{12} T_2 + \\
 & 11 c_{34} T_1^{12} T_2 + 53 c_{46} T_1^{12} T_2 + 11 c_{49} T_1^{12} T_2 + 53 c_{61} T_1^{12} T_2 + 11 c_{64} T_1^{12} T_2 + 119 c_{81} T_1^{12} T_2 + \\
 & 36 c_{82} T_1^{12} T_2 + 53 c_{84} T_1^{12} T_2 + 12 c_{85} T_1^{12} T_2 + 20 a_2 b_3 T_1^{13} T_2 - 11 a_4 b_3 T_1^{13} T_2 - 9 a_2 b_5 T_1^{13} T_2 + \\
 & 5 a_4 b_5 T_1^{13} T_2 - 44 c_{16} T_1^{13} T_2 - 9 c_{19} T_1^{13} T_2 - 44 c_{31} T_1^{13} T_2 - 9 c_{34} T_1^{13} T_2 - 44 c_{46} T_1^{13} T_2 - \\
 & 9 c_{49} T_1^{13} T_2 - 44 c_{61} T_1^{13} T_2 - 9 c_{64} T_1^{13} T_2 - 91 c_{81} T_1^{13} T_2 - 28 c_{82} T_1^{13} T_2 - 38 c_{84} T_1^{13} T_2 - \\
 & 8 c_{85} T_1^{13} T_2 - 16 a_2 b_3 T_1^{14} T_2 + 9 a_4 b_3 T_1^{14} T_2 + 7 a_2 b_5 T_1^{14} T_2 - 4 a_4 b_5 T_1^{14} T_2 + 32 c_{16} T_1^{14} T_2 + \\
 & 7 c_{19} T_1^{14} T_2 + 32 c_{31} T_1^{14} T_2 + 7 c_{34} T_1^{14} T_2 + 32 c_{46} T_1^{14} T_2 + 7 c_{49} T_1^{14} T_2 + 32 c_{61} T_1^{14} T_2 + 7 c_{64} T_1^{14} T_2 + \\
 & 59 c_{81} T_1^{14} T_2 + 20 c_{82} T_1^{14} T_2 + 21 c_{84} T_1^{14} T_2 + 4 c_{85} T_1^{14} T_2 + 12 a_2 b_3 T_1^{15} T_2 - 7 a_4 b_3 T_1^{15} T_2 - \\
 & 5 a_2 b_5 T_1^{15} T_2 + 3 a_4 b_5 T_1^{15} T_2 - 17 c_{16} T_1^{15} T_2 - 5 c_{19} T_1^{15} T_2 - 17 c_{31} T_1^{15} T_2 - 5 c_{34} T_1^{15} T_2 - \\
 & 17 c_{46} T_1^{15} T_2 - 5 c_{49} T_1^{15} T_2 - 17 c_{61} T_1^{15} T_2 - 5 c_{64} T_1^{15} T_2 - 23 c_{81} T_1^{15} T_2 - 12 c_{82} T_1^{15} T_2 - 2 c_{84} T_1^{15} T_2 - \\
 & 8 a_2 b_3 T_1^{16} T_2 + 5 a_4 b_3 T_1^{16} T_2 + 3 a_2 b_5 T_1^{16} T_2 - 2 a_4 b_5 T_1^{16} T_2 - c_{16} T_1^{16} T_2 + 3 c_{19} T_1^{16} T_2 - c_{31} T_1^{16} T_2 + \\
 & 3 c_{34} T_1^{16} T_2 - c_{46} T_1^{16} T_2 + 3 c_{49} T_1^{16} T_2 - c_{61} T_1^{16} T_2 + 3 c_{64} T_1^{16} T_2 - 17 c_{81} T_1^{16} T_2 + 4 c_{82} T_1^{16} T_2 - \\
 & 19 c_{84} T_1^{16} T_2 - 4 c_{85} T_1^{16} T_2 + 4 a_2 b_3 T_1^{17} T_2 - 3 a_4 b_3 T_1^{17} T_2 - a_2 b_5 T_1^{17} T_2 + a_4 b_5 T_1^{17} T_2 + \\
 & 22 c_{16} T_1^{17} T_2 - c_{19} T_1^{17} T_2 + 22 c_{31} T_1^{17} T_2 - c_{34} T_1^{17} T_2 + 22 c_{46} T_1^{17} T_2 - c_{49} T_1^{17} T_2 + 22 c_{61} T_1^{17} T_2 - \\
 & c_{64} T_1^{17} T_2 + 34 c_{81} T_1^{17} T_2 + 4 c_{82} T_1^{17} T_2 + 15 c_{84} T_1^{17} T_2 + 8 c_{85} T_1^{17} T_2 - a_2 b_3 T_1^{18} T_2 + a_4 b_3 T_1^{18} T_2 -
 \end{aligned}$$

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$$\begin{aligned}
 & 16 c_{16} T_1^{18} T_2 - 16 c_{31} T_1^{18} T_2 - 16 c_{46} T_1^{18} T_2 - 16 c_{61} T_1^{18} T_2 - 15 c_{81} T_1^{18} T_2 - 7 c_{82} T_1^{18} T_2 - \\
 & 8 c_{85} T_1^{18} T_2 + 3 c_{82} T_1^{19} T_2 + 3 c_{85} T_1^{19} T_2 + 2 a_2 b_3 T_2^2 - a_4 b_3 T_2^2 - 3 a_2 b_5 T_2^2 + a_4 b_5 T_2^2 - 3 c_{19} T_2^2 - \\
 & 3 c_{34} T_2^2 - 3 c_{49} T_2^2 - 3 c_{64} T_2^2 - 8 c_{81} T_2^2 - 13 c_{82} T_2^2 - 8 c_{84} T_2^2 - 9 c_{85} T_2^2 - 7 a_2 b_3 T_1 T_2^2 + 7 a_4 b_3 T_1 T_2^2 + \\
 & 8 a_2 b_5 T_1 T_2^2 - 7 a_4 b_5 T_1 T_2^2 + 5 c_{16} T_1 T_2^2 + 7 c_{19} T_1 T_2^2 + 5 c_{31} T_1 T_2^2 + 7 c_{34} T_1 T_2^2 + 5 c_{46} T_1 T_2^2 + \\
 & 7 c_{49} T_1 T_2^2 + 5 c_{61} T_1 T_2^2 + 7 c_{64} T_1 T_2^2 + 28 c_{81} T_1 T_2^2 + 37 c_{82} T_1 T_2^2 + 20 c_{84} T_1 T_2^2 + 24 c_{85} T_1 T_2^2 + \\
 & 12 a_2 b_3 T_1^2 T_2^2 - 16 a_4 b_3 T_1^2 T_2^2 - 12 a_2 b_5 T_1^2 T_2^2 + 12 a_4 b_5 T_1^2 T_2^2 - 9 c_{16} T_1^2 T_2^2 - 9 c_{19} T_1^2 T_2^2 - \\
 & 9 c_{31} T_1^2 T_2^2 - 9 c_{34} T_1^2 T_2^2 - 9 c_{46} T_1^2 T_2^2 - 9 c_{49} T_1^2 T_2^2 - 9 c_{61} T_1^2 T_2^2 - 9 c_{64} T_1^2 T_2^2 - 49 c_{81} T_1^2 T_2^2 - \\
 & 49 c_{82} T_1^2 T_2^2 - 29 c_{84} T_1^2 T_2^2 - 29 c_{85} T_1^2 T_2^2 - 16 a_2 b_3 T_1^3 T_2^2 + 24 a_4 b_3 T_1^3 T_2^2 + 16 a_2 b_5 T_1^3 T_2^2 - \\
 & 17 a_4 b_5 T_1^3 T_2^2 + 14 c_{16} T_1^3 T_2^2 + 11 c_{19} T_1^3 T_2^2 + 14 c_{31} T_1^3 T_2^2 + 11 c_{34} T_1^3 T_2^2 + 14 c_{46} T_1^3 T_2^2 + 11 c_{49} T_1^3 T_2^2 + \\
 & 14 c_{61} T_1^3 T_2^2 + 11 c_{64} T_1^3 T_2^2 + 69 c_{81} T_1^3 T_2^2 + 56 c_{82} T_1^3 T_2^2 + 40 c_{84} T_1^3 T_2^2 + 32 c_{85} T_1^3 T_2^2 + 20 a_2 b_3 T_1^4 T_2^2 - \\
 & 32 a_4 b_3 T_1^4 T_2^2 - 20 a_2 b_5 T_1^4 T_2^2 + 22 a_4 b_5 T_1^4 T_2^2 - 20 c_{16} T_1^4 T_2^2 - 13 c_{19} T_1^4 T_2^2 - 20 c_{31} T_1^4 T_2^2 - \\
 & 13 c_{34} T_1^4 T_2^2 - 20 c_{46} T_1^4 T_2^2 - 13 c_{49} T_1^4 T_2^2 - 20 c_{61} T_1^4 T_2^2 - 13 c_{64} T_1^4 T_2^2 - 93 c_{81} T_1^4 T_2^2 - 68 c_{82} T_1^4 T_2^2 - \\
 & 53 c_{84} T_1^4 T_2^2 - 40 c_{85} T_1^4 T_2^2 - 24 a_2 b_3 T_1^5 T_2^2 + 40 a_4 b_3 T_1^5 T_2^2 + 24 a_2 b_5 T_1^5 T_2^2 - 27 a_4 b_5 T_1^5 T_2^2 + \\
 & 27 c_{16} T_1^5 T_2^2 + 15 c_{19} T_1^5 T_2^2 + 27 c_{31} T_1^5 T_2^2 + 15 c_{34} T_1^5 T_2^2 + 27 c_{46} T_1^5 T_2^2 + 15 c_{49} T_1^5 T_2^2 + 27 c_{61} T_1^5 T_2^2 + \\
 & 15 c_{64} T_1^5 T_2^2 + 121 c_{81} T_1^5 T_2^2 + 80 c_{82} T_1^5 T_2^2 + 68 c_{84} T_1^5 T_2^2 + 48 c_{85} T_1^5 T_2^2 + 28 a_2 b_3 T_1^6 T_2^2 - \\
 & 48 a_4 b_3 T_1^6 T_2^2 - 28 a_2 b_5 T_1^6 T_2^2 + 32 a_4 b_5 T_1^6 T_2^2 - 35 c_{16} T_1^6 T_2^2 - 17 c_{19} T_1^6 T_2^2 - 35 c_{31} T_1^6 T_2^2 - \\
 & 17 c_{34} T_1^6 T_2^2 - 35 c_{46} T_1^6 T_2^2 - 17 c_{49} T_1^6 T_2^2 - 35 c_{61} T_1^6 T_2^2 - 17 c_{64} T_1^6 T_2^2 - 153 c_{81} T_1^6 T_2^2 - 92 c_{82} T_1^6 T_2^2 - \\
 & 85 c_{84} T_1^6 T_2^2 - 56 c_{85} T_1^6 T_2^2 - 32 a_2 b_3 T_1^7 T_2^2 + 56 a_4 b_3 T_1^7 T_2^2 + 32 a_2 b_5 T_1^7 T_2^2 - 37 a_4 b_5 T_1^7 T_2^2 + \\
 & 44 c_{16} T_1^7 T_2^2 + 19 c_{19} T_1^7 T_2^2 + 44 c_{31} T_1^7 T_2^2 + 19 c_{34} T_1^7 T_2^2 + 44 c_{46} T_1^7 T_2^2 + 19 c_{49} T_1^7 T_2^2 + 44 c_{61} T_1^7 T_2^2 + \\
 & 19 c_{64} T_1^7 T_2^2 + 189 c_{81} T_1^7 T_2^2 + 104 c_{82} T_1^7 T_2^2 + 104 c_{84} T_1^7 T_2^2 + 64 c_{85} T_1^7 T_2^2 + 35 a_2 b_3 T_1^8 T_2^2 - \\
 & 64 a_4 b_3 T_1^8 T_2^2 - 35 a_2 b_5 T_1^8 T_2^2 + 42 a_4 b_5 T_1^8 T_2^2 - 54 c_{16} T_1^8 T_2^2 - 21 c_{19} T_1^8 T_2^2 - 54 c_{31} T_1^8 T_2^2 - \\
 & 21 c_{34} T_1^8 T_2^2 - 54 c_{46} T_1^8 T_2^2 - 21 c_{49} T_1^8 T_2^2 - 54 c_{61} T_1^8 T_2^2 - 21 c_{64} T_1^8 T_2^2 - 184 c_{81} T_1^8 T_2^2 - \\
 & 116 c_{82} T_1^8 T_2^2 - 80 c_{84} T_1^8 T_2^2 - 72 c_{85} T_1^8 T_2^2 - 32 a_2 b_3 T_1^9 T_2^2 + 69 a_4 b_3 T_1^9 T_2^2 + 31 a_2 b_5 T_1^9 T_2^2 - \\
 & 44 a_4 b_5 T_1^9 T_2^2 + 60 c_{16} T_1^9 T_2^2 + 17 c_{19} T_1^9 T_2^2 + 60 c_{31} T_1^9 T_2^2 + 17 c_{34} T_1^9 T_2^2 + 60 c_{46} T_1^9 T_2^2 + \\
 & 17 c_{49} T_1^9 T_2^2 + 60 c_{61} T_1^9 T_2^2 + 17 c_{64} T_1^9 T_2^2 + 131 c_{81} T_1^9 T_2^2 + 102 c_{82} T_1^9 T_2^2 + 51 c_{84} T_1^9 T_2^2 + \\
 & 62 c_{85} T_1^9 T_2^2 + 23 a_2 b_3 T_1^{10} T_2^2 - 63 a_4 b_3 T_1^{10} T_2^2 - 24 a_2 b_5 T_1^{10} T_2^2 + 36 a_4 b_5 T_1^{10} T_2^2 - 58 c_{16} T_1^{10} T_2^2 - \\
 & 11 c_{19} T_1^{10} T_2^2 - 58 c_{31} T_1^{10} T_2^2 - 11 c_{34} T_1^{10} T_2^2 - 58 c_{46} T_1^{10} T_2^2 - 11 c_{49} T_1^{10} T_2^2 - 58 c_{61} T_1^{10} T_2^2 - \\
 & 11 c_{64} T_1^{10} T_2^2 - 103 c_{81} T_1^{10} T_2^2 - 66 c_{82} T_1^{10} T_2^2 - 52 c_{84} T_1^{10} T_2^2 - 40 c_{85} T_1^{10} T_2^2 - 16 a_2 b_3 T_1^{11} T_2^2 + \\
 & 52 a_4 b_3 T_1^{11} T_2^2 + 20 a_2 b_5 T_1^{11} T_2^2 - 31 a_4 b_5 T_1^{11} T_2^2 + 53 c_{16} T_1^{11} T_2^2 + 9 c_{19} T_1^{11} T_2^2 + 53 c_{31} T_1^{11} T_2^2 + \\
 & 9 c_{34} T_1^{11} T_2^2 + 53 c_{46} T_1^{11} T_2^2 + 9 c_{49} T_1^{11} T_2^2 + 53 c_{61} T_1^{11} T_2^2 + 9 c_{64} T_1^{11} T_2^2 + 95 c_{81} T_1^{11} T_2^2 + \\
 & 54 c_{82} T_1^{11} T_2^2 + 43 c_{84} T_1^{11} T_2^2 + 38 c_{85} T_1^{11} T_2^2 + 12 a_2 b_3 T_1^{12} T_2^2 - 44 a_4 b_3 T_1^{12} T_2^2 - 16 a_2 b_5 T_1^{12} T_2^2 + \\
 & 26 a_4 b_5 T_1^{12} T_2^2 - 47 c_{16} T_1^{12} T_2^2 - 7 c_{19} T_1^{12} T_2^2 - 47 c_{31} T_1^{12} T_2^2 - 7 c_{34} T_1^{12} T_2^2 - 47 c_{46} T_1^{12} T_2^2 - \\
 & 7 c_{49} T_1^{12} T_2^2 - 47 c_{61} T_1^{12} T_2^2 - 7 c_{64} T_1^{12} T_2^2 - 75 c_{81} T_1^{12} T_2^2 - 52 c_{82} T_1^{12} T_2^2 - 32 c_{84} T_1^{12} T_2^2 - \\
 & 40 c_{85} T_1^{12} T_2^2 - 8 a_2 b_3 T_1^{13} T_2^2 + 36 a_4 b_3 T_1^{13} T_2^2 + 12 a_2 b_5 T_1^{13} T_2^2 - 21 a_4 b_5 T_1^{13} T_2^2 + 38 c_{16} T_1^{13} T_2^2 + \\
 & 5 c_{19} T_1^{13} T_2^2 + 38 c_{31} T_1^{13} T_2^2 + 5 c_{34} T_1^{13} T_2^2 + 38 c_{46} T_1^{13} T_2^2 + 5 c_{49} T_1^{13} T_2^2 + 38 c_{61} T_1^{13} T_2^2 + 5 c_{64} T_1^{13} T_2^2 + \\
 & 51 c_{81} T_1^{13} T_2^2 + 40 c_{82} T_1^{13} T_2^2 + 19 c_{84} T_1^{13} T_2^2 + 32 c_{85} T_1^{13} T_2^2 + 4 a_2 b_3 T_1^{14} T_2^2 - 28 a_4 b_3 T_1^{14} T_2^2 - \\
 & 8 a_2 b_5 T_1^{14} T_2^2 + 16 a_4 b_5 T_1^{14} T_2^2 - 26 c_{16} T_1^{14} T_2^2 - 3 c_{19} T_1^{14} T_2^2 - 26 c_{31} T_1^{14} T_2^2 - 3 c_{34} T_1^{14} T_2^2 - \\
 & 26 c_{46} T_1^{14} T_2^2 - 3 c_{49} T_1^{14} T_2^2 - 26 c_{61} T_1^{14} T_2^2 - 3 c_{64} T_1^{14} T_2^2 - 23 c_{81} T_1^{14} T_2^2 - 28 c_{82} T_1^{14} T_2^2 - \\
 & 4 c_{84} T_1^{14} T_2^2 - 24 c_{85} T_1^{14} T_2^2 + 20 a_2 b_3 T_1^{15} T_2^2 + 4 a_2 b_5 T_1^{15} T_2^2 - 11 a_4 b_5 T_1^{15} T_2^2 + 11 c_{16} T_1^{15} T_2^2 + \\
 & c_{19} T_1^{15} T_2^2 + 11 c_{31} T_1^{15} T_2^2 + c_{34} T_1^{15} T_2^2 + 11 c_{46} T_1^{15} T_2^2 + c_{49} T_1^{15} T_2^2 + 11 c_{61} T_1^{15} T_2^2 + c_{64} T_1^{15} T_2^2 - \\
 & 9 c_{81} T_1^{15} T_2^2 + 16 c_{82} T_1^{15} T_2^2 - 13 c_{84} T_1^{15} T_2^2 + 16 c_{85} T_1^{15} T_2^2 - 4 a_2 b_3 T_1^{16} T_2^2 - 12 a_4 b_3 T_1^{16} T_2^2 + \\
 & 6 a_2 b_5 T_1^{16} T_2^2 + 7 c_{16} T_1^{16} T_2^2 + c_{19} T_1^{16} T_2^2 + 7 c_{31} T_1^{16} T_2^2 + c_{34} T_1^{16} T_2^2 + 7 c_{46} T_1^{16} T_2^2 + c_{49} T_1^{16} T_2^2 + \\
 & 7 c_{61} T_1^{16} T_2^2 + c_{64} T_1^{16} T_2^2 + 45 c_{81} T_1^{16} T_2^2 - 4 c_{82} T_1^{16} T_2^2 + 32 c_{84} T_1^{16} T_2^2 - 8 c_{85} T_1^{16} T_2^2 + 7 a_2 b_3 T_1^{17} T_2^2 + \\
 & 4 a_4 b_3 T_1^{17} T_2^2 - 3 a_2 b_5 T_1^{17} T_2^2 - a_4 b_5 T_1^{17} T_2^2 - 28 c_{16} T_1^{17} T_2^2 - 3 c_{19} T_1^{17} T_2^2 - 28 c_{31} T_1^{17} T_2^2 - \\
 & 3 c_{34} T_1^{17} T_2^2 - 28 c_{46} T_1^{17} T_2^2 - 3 c_{49} T_1^{17} T_2^2 - 28 c_{61} T_1^{17} T_2^2 - 3 c_{64} T_1^{17} T_2^2 - 40 c_{81} T_1^{17} T_2^2 - \\
 & 8 c_{82} T_1^{17} T_2^2 - 8 c_{84} T_1^{17} T_2^2 - 6 a_2 b_3 T_1^{18} T_2^2 + 2 a_4 b_3 T_1^{18} T_2^2 + 2 a_2 b_5 T_1^{18} T_2^2 - 2 a_4 b_5 T_1^{18} T_2^2 + \\
 & 2 c_{16} T_1^{18} T_2^2 + 2 c_{19} T_1^{18} T_2^2 + 2 c_{31} T_1^{18} T_2^2 + 2 c_{34} T_1^{18} T_2^2 + 2 c_{46} T_1^{18} T_2^2 + 2 c_{49} T_1^{18} T_2^2 + 2 c_{61} T_1^{18} T_2^2 + \\
 & 2 c_{64} T_1^{18} T_2^2 - 5 c_{81} T_1^{18} T_2^2 + 7 c_{82} T_1^{18} T_2^2 - 13 c_{84} T_1^{18} T_2^2 - c_{85} T_1^{18} T_2^2 + 2 a_2 b_3 T_1^{19} T_2^2 - \\
 & 2 a_4 b_3 T_1^{19} T_2^2 + 16 c_{16} T_1^{19} T_2^2 + 16 c_{31} T_1^{19} T_2^2 + 16 c_{46} T_1^{19} T_2^2 + 16 c_{61} T_1^{19} T_2^2 + 13 c_{81} T_1^{19} T_2^2 + \\
 & 5 c_{82} T_1^{19} T_2^2 + 8 c_{85} T_1^{19} T_2^2 - 5 c_{82} T_1^{20} T_2^2 - 5 c_{85} T_1^{20} T_2^2 - 3 a_2 b_3 T_2^3 + 2 a_4 b_3 T_2^3 + 5 a_2 b_5 T_2^3 -
 \end{aligned}$$

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$$\begin{aligned}
 & 3 a_4 b_5 T_2^3 + 6 c_{19} T_2^3 + 6 c_{34} T_2^3 + 6 c_{49} T_2^3 + 6 c_{64} T_2^3 + 12 c_{81} T_2^3 + 25 c_{82} T_2^3 + 12 c_{84} T_2^3 + \\
 & 16 c_{85} T_2^3 + 10 a_2 b_3 T_1 T_2^3 - 12 a_4 b_3 T_1 T_2^3 - 12 a_2 b_5 T_1 T_2^3 + 16 a_4 b_5 T_1 T_2^3 - 7 c_{16} T_1 T_2^3 - \\
 & 12 c_{19} T_1 T_2^3 - 7 c_{31} T_1 T_2^3 - 12 c_{34} T_1 T_2^3 - 7 c_{46} T_1 T_2^3 - 12 c_{49} T_1 T_2^3 - 7 c_{61} T_1 T_2^3 - 12 c_{64} T_1 T_2^3 - \\
 & 36 c_{81} T_1 T_2^3 - 61 c_{82} T_1 T_2^3 - 24 c_{84} T_1 T_2^3 - 37 c_{85} T_1 T_2^3 - 18 a_2 b_3 T_1^2 T_2^3 + 24 a_4 b_3 T_1^2 T_2^3 + \\
 & 18 a_2 b_5 T_1^2 T_2^3 - 24 a_4 b_5 T_1^2 T_2^3 + 11 c_{16} T_1^2 T_2^3 + 14 c_{19} T_1^2 T_2^3 + 11 c_{31} T_1^2 T_2^3 + 14 c_{34} T_1^2 T_2^3 + \\
 & 11 c_{46} T_1^2 T_2^3 + 14 c_{49} T_1^2 T_2^3 + 11 c_{61} T_1^2 T_2^3 + 14 c_{64} T_1^2 T_2^3 + 56 c_{81} T_1^2 T_2^3 + 69 c_{82} T_1^2 T_2^3 + 32 c_{84} T_1^2 T_2^3 + \\
 & 40 c_{85} T_1^2 T_2^3 + 28 a_2 b_3 T_1^3 T_2^3 - 34 a_4 b_3 T_1^3 T_2^3 - 26 a_2 b_5 T_1^3 T_2^3 + 34 a_4 b_5 T_1^3 T_2^3 - 18 c_{16} T_1^3 T_2^3 - \\
 & 18 c_{19} T_1^3 T_2^3 - 18 c_{31} T_1^3 T_2^3 - 18 c_{34} T_1^3 T_2^3 - 18 c_{46} T_1^3 T_2^3 - 18 c_{49} T_1^3 T_2^3 - 18 c_{61} T_1^3 T_2^3 - 18 c_{64} T_1^3 T_2^3 - \\
 & 81 c_{81} T_1^3 T_2^3 - 81 c_{82} T_1^3 T_2^3 - 49 c_{84} T_1^3 T_2^3 - 49 c_{85} T_1^3 T_2^3 - 40 a_2 b_3 T_1^4 T_2^3 + 46 a_4 b_3 T_1^4 T_2^3 + \\
 & 34 a_2 b_5 T_1^4 T_2^3 - 44 a_4 b_5 T_1^4 T_2^3 + 26 c_{16} T_1^4 T_2^3 + 22 c_{19} T_1^4 T_2^3 + 26 c_{31} T_1^4 T_2^3 + 22 c_{34} T_1^4 T_2^3 + \\
 & 26 c_{46} T_1^4 T_2^3 + 22 c_{49} T_1^4 T_2^3 + 26 c_{61} T_1^4 T_2^3 + 22 c_{64} T_1^4 T_2^3 + 117 c_{81} T_1^4 T_2^3 + 104 c_{82} T_1^4 T_2^3 + \\
 & 68 c_{84} T_1^4 T_2^3 + 64 c_{85} T_1^4 T_2^3 + 52 a_2 b_3 T_1^5 T_2^3 - 58 a_4 b_3 T_1^5 T_2^3 - 42 a_2 b_5 T_1^5 T_2^3 + 54 a_4 b_5 T_1^5 T_2^3 - \\
 & 35 c_{16} T_1^5 T_2^3 - 26 c_{19} T_1^5 T_2^3 - 35 c_{31} T_1^5 T_2^3 - 26 c_{34} T_1^5 T_2^3 - 35 c_{46} T_1^5 T_2^3 - 26 c_{49} T_1^5 T_2^3 - 35 c_{61} T_1^5 T_2^3 - \\
 & 26 c_{64} T_1^5 T_2^3 - 157 c_{81} T_1^5 T_2^3 - 120 c_{82} T_1^5 T_2^3 - 89 c_{84} T_1^5 T_2^3 - 72 c_{85} T_1^5 T_2^3 - 64 a_2 b_3 T_1^6 T_2^3 + \\
 & 70 a_4 b_3 T_1^6 T_2^3 + 50 a_2 b_5 T_1^6 T_2^3 - 64 a_4 b_5 T_1^6 T_2^3 + 45 c_{16} T_1^6 T_2^3 + 30 c_{19} T_1^6 T_2^3 + 45 c_{31} T_1^6 T_2^3 + \\
 & 30 c_{34} T_1^6 T_2^3 + 45 c_{46} T_1^6 T_2^3 + 30 c_{49} T_1^6 T_2^3 + 45 c_{61} T_1^6 T_2^3 + 30 c_{64} T_1^6 T_2^3 + 201 c_{81} T_1^6 T_2^3 + \\
 & 136 c_{82} T_1^6 T_2^3 + 112 c_{84} T_1^6 T_2^3 + 80 c_{85} T_1^6 T_2^3 + 76 a_2 b_3 T_1^7 T_2^3 - 82 a_4 b_3 T_1^7 T_2^3 - 58 a_2 b_5 T_1^7 T_2^3 + \\
 & 74 a_4 b_5 T_1^7 T_2^3 - 56 c_{16} T_1^7 T_2^3 - 34 c_{19} T_1^7 T_2^3 - 56 c_{31} T_1^7 T_2^3 - 34 c_{34} T_1^7 T_2^3 - 56 c_{46} T_1^7 T_2^3 - \\
 & 34 c_{49} T_1^7 T_2^3 - 56 c_{61} T_1^7 T_2^3 - 34 c_{64} T_1^7 T_2^3 - 249 c_{81} T_1^7 T_2^3 - 152 c_{82} T_1^7 T_2^3 - 137 c_{84} T_1^7 T_2^3 - \\
 & 88 c_{85} T_1^7 T_2^3 - 86 a_2 b_3 T_1^8 T_2^3 + 93 a_4 b_3 T_1^8 T_2^3 + 63 a_2 b_5 T_1^8 T_2^3 - 83 a_4 b_5 T_1^8 T_2^3 + 68 c_{16} T_1^8 T_2^3 + \\
 & 38 c_{19} T_1^8 T_2^3 + 68 c_{31} T_1^8 T_2^3 + 38 c_{34} T_1^8 T_2^3 + 68 c_{46} T_1^8 T_2^3 + 38 c_{49} T_1^8 T_2^3 + 68 c_{61} T_1^8 T_2^3 + \\
 & 38 c_{64} T_1^8 T_2^3 + 238 c_{81} T_1^8 T_2^3 + 168 c_{82} T_1^8 T_2^3 + 101 c_{84} T_1^8 T_2^3 + 96 c_{85} T_1^8 T_2^3 + 87 a_2 b_3 T_1^9 T_2^3 - \\
 & 95 a_4 b_3 T_1^9 T_2^3 - 56 a_2 b_5 T_1^9 T_2^3 + 81 a_4 b_5 T_1^9 T_2^3 - 74 c_{16} T_1^9 T_2^3 - 30 c_{19} T_1^9 T_2^3 - 74 c_{31} T_1^9 T_2^3 - \\
 & 30 c_{34} T_1^9 T_2^3 - 74 c_{46} T_1^9 T_2^3 - 30 c_{49} T_1^9 T_2^3 - 74 c_{61} T_1^9 T_2^3 - 30 c_{64} T_1^9 T_2^3 - 171 c_{81} T_1^9 T_2^3 - \\
 & 134 c_{82} T_1^9 T_2^3 - 70 c_{84} T_1^9 T_2^3 - 72 c_{85} T_1^9 T_2^3 - 82 a_2 b_3 T_1^{10} T_2^3 + 79 a_4 b_3 T_1^{10} T_2^3 + 49 a_2 b_5 T_1^{10} T_2^3 - \\
 & 61 a_4 b_5 T_1^{10} T_2^3 + 70 c_{16} T_1^{10} T_2^3 + 22 c_{19} T_1^{10} T_2^3 + 70 c_{31} T_1^{10} T_2^3 + 22 c_{34} T_1^{10} T_2^3 + 70 c_{46} T_1^{10} T_2^3 + \\
 & 22 c_{49} T_1^{10} T_2^3 + 70 c_{61} T_1^{10} T_2^3 + 22 c_{64} T_1^{10} T_2^3 + 147 c_{81} T_1^{10} T_2^3 + 78 c_{82} T_1^{10} T_2^3 + 77 c_{84} T_1^{10} T_2^3 + \\
 & 38 c_{85} T_1^{10} T_2^3 + 79 a_2 b_3 T_1^{11} T_2^3 - 65 a_4 b_3 T_1^{11} T_2^3 - 46 a_2 b_5 T_1^{11} T_2^3 + 56 a_4 b_5 T_1^{11} T_2^3 - 63 c_{16} T_1^{11} T_2^3 - \\
 & 22 c_{19} T_1^{11} T_2^3 - 63 c_{31} T_1^{11} T_2^3 - 22 c_{34} T_1^{11} T_2^3 - 63 c_{46} T_1^{11} T_2^3 - 22 c_{49} T_1^{11} T_2^3 - 63 c_{61} T_1^{11} T_2^3 - \\
 & 22 c_{64} T_1^{11} T_2^3 - 135 c_{81} T_1^{11} T_2^3 - 78 c_{82} T_1^{11} T_2^3 - 58 c_{84} T_1^{11} T_2^3 - 40 c_{85} T_1^{11} T_2^3 - 72 a_2 b_3 T_1^{12} T_2^3 + \\
 & 58 a_4 b_3 T_1^{12} T_2^3 + 38 a_2 b_5 T_1^{12} T_2^3 - 46 a_4 b_5 T_1^{12} T_2^3 + 53 c_{16} T_1^{12} T_2^3 + 18 c_{19} T_1^{12} T_2^3 + 53 c_{31} T_1^{12} T_2^3 + \\
 & 18 c_{34} T_1^{12} T_2^3 + 53 c_{46} T_1^{12} T_2^3 + 18 c_{49} T_1^{12} T_2^3 + 53 c_{61} T_1^{12} T_2^3 + 18 c_{64} T_1^{12} T_2^3 + 99 c_{81} T_1^{12} T_2^3 + \\
 & 70 c_{82} T_1^{12} T_2^3 + 41 c_{84} T_1^{12} T_2^3 + 30 c_{85} T_1^{12} T_2^3 + 60 a_2 b_3 T_1^{13} T_2^3 - 46 a_4 b_3 T_1^{13} T_2^3 - 30 a_2 b_5 T_1^{13} T_2^3 + \\
 & 36 a_4 b_5 T_1^{13} T_2^3 - 38 c_{16} T_1^{13} T_2^3 - 14 c_{19} T_1^{13} T_2^3 - 38 c_{31} T_1^{13} T_2^3 - 14 c_{34} T_1^{13} T_2^3 - 38 c_{46} T_1^{13} T_2^3 - \\
 & 14 c_{49} T_1^{13} T_2^3 - 38 c_{61} T_1^{13} T_2^3 - 14 c_{64} T_1^{13} T_2^3 - 63 c_{81} T_1^{13} T_2^3 - 40 c_{82} T_1^{13} T_2^3 - 22 c_{84} T_1^{13} T_2^3 - \\
 & 8 c_{85} T_1^{13} T_2^3 - 48 a_2 b_3 T_1^{14} T_2^3 + 34 a_4 b_3 T_1^{14} T_2^3 + 22 a_2 b_5 T_1^{14} T_2^3 - 26 a_4 b_5 T_1^{14} T_2^3 + 20 c_{16} T_1^{14} T_2^3 + \\
 & 10 c_{19} T_1^{14} T_2^3 + 20 c_{31} T_1^{14} T_2^3 + 10 c_{34} T_1^{14} T_2^3 + 20 c_{46} T_1^{14} T_2^3 + 10 c_{49} T_1^{14} T_2^3 + 20 c_{61} T_1^{14} T_2^3 + \\
 & 10 c_{64} T_1^{14} T_2^3 + 23 c_{81} T_1^{14} T_2^3 + 24 c_{82} T_1^{14} T_2^3 + c_{84} T_1^{14} T_2^3 + 36 a_2 b_3 T_1^{15} T_2^3 - 22 a_4 b_3 T_1^{15} T_2^3 - \\
 & 14 a_2 b_5 T_1^{15} T_2^3 + 16 a_4 b_5 T_1^{15} T_2^3 + c_{16} T_1^{15} T_2^3 - 6 c_{19} T_1^{15} T_2^3 + c_{31} T_1^{15} T_2^3 - 6 c_{34} T_1^{15} T_2^3 + \\
 & c_{46} T_1^{15} T_2^3 - 6 c_{49} T_1^{15} T_2^3 + c_{61} T_1^{15} T_2^3 - 6 c_{64} T_1^{15} T_2^3 + 21 c_{81} T_1^{15} T_2^3 - 8 c_{82} T_1^{15} T_2^3 + 22 c_{84} T_1^{15} T_2^3 + \\
 & 8 c_{85} T_1^{15} T_2^3 - 24 a_2 b_3 T_1^{16} T_2^3 + 10 a_4 b_3 T_1^{16} T_2^3 + 6 a_2 b_5 T_1^{16} T_2^3 - 6 a_4 b_5 T_1^{16} T_2^3 - 25 c_{16} T_1^{16} T_2^3 + \\
 & 2 c_{19} T_1^{16} T_2^3 - 25 c_{31} T_1^{16} T_2^3 + 2 c_{34} T_1^{16} T_2^3 - 25 c_{46} T_1^{16} T_2^3 + 2 c_{49} T_1^{16} T_2^3 - 25 c_{61} T_1^{16} T_2^3 + \\
 & 2 c_{64} T_1^{16} T_2^3 - 69 c_{81} T_1^{16} T_2^3 - 8 c_{82} T_1^{16} T_2^3 - 47 c_{84} T_1^{16} T_2^3 - 16 c_{85} T_1^{16} T_2^3 + 14 a_2 b_3 T_1^{17} T_2^3 + \\
 & a_4 b_3 T_1^{17} T_2^3 - a_2 b_5 T_1^{17} T_2^3 - 3 a_4 b_5 T_1^{17} T_2^3 + 52 c_{16} T_1^{17} T_2^3 + 2 c_{19} T_1^{17} T_2^3 + 52 c_{31} T_1^{17} T_2^3 + \\
 & 2 c_{34} T_1^{17} T_2^3 + 52 c_{46} T_1^{17} T_2^3 + 2 c_{49} T_1^{17} T_2^3 + 52 c_{61} T_1^{17} T_2^3 + 2 c_{64} T_1^{17} T_2^3 + 58 c_{81} T_1^{17} T_2^3 + \\
 & 24 c_{82} T_1^{17} T_2^3 + 11 c_{84} T_1^{17} T_2^3 + 24 c_{85} T_1^{17} T_2^3 - 10 a_2 b_3 T_1^{18} T_2^3 - 5 a_4 b_3 T_1^{18} T_2^3 + 3 a_2 b_5 T_1^{18} T_2^3 + \\
 & 4 a_4 b_5 T_1^{18} T_2^3 - 12 c_{16} T_1^{18} T_2^3 - 12 c_{31} T_1^{18} T_2^3 - 12 c_{46} T_1^{18} T_2^3 - 12 c_{61} T_1^{18} T_2^3 - 3 c_{81} T_1^{18} T_2^3 - \\
 & 15 c_{82} T_1^{18} T_2^3 + 8 c_{84} T_1^{18} T_2^3 - 16 c_{85} T_1^{18} T_2^3 + 8 a_2 b_3 T_1^{19} T_2^3 - a_4 b_3 T_1^{19} T_2^3 - 3 a_2 b_5 T_1^{19} T_2^3 + \\
 & 3 a_4 b_5 T_1^{19} T_2^3 - 2 c_{16} T_1^{19} T_2^3 - 2 c_{19} T_1^{19} T_2^3 - 2 c_{31} T_1^{19} T_2^3 - 2 c_{34} T_1^{19} T_2^3 - 2 c_{46} T_1^{19} T_2^3 - \\
 & 2 c_{49} T_1^{19} T_2^3 - 2 c_{61} T_1^{19} T_2^3 - 2 c_{64} T_1^{19} T_2^3 + 3 c_{81} T_1^{19} T_2^3 - 5 c_{82} T_1^{19} T_2^3 + 11 c_{84} T_1^{19} T_2^3 + 3 c_{85} T_1^{19} T_2^3 -
 \end{aligned}$$

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$$\begin{aligned}
 & 3 a_2 b_3 T_1^{20} T_2^3 + 3 a_4 b_3 T_1^{20} T_2^3 - 16 c_{16} T_1^{20} T_2^3 - 16 c_{31} T_1^{20} T_2^3 - 16 c_{46} T_1^{20} T_2^3 - 16 c_{61} T_1^{20} T_2^3 - \\
 & 11 c_{81} T_1^{20} T_2^3 - 3 c_{82} T_1^{20} T_2^3 - 8 c_{85} T_1^{20} T_2^3 + 7 c_{82} T_1^{21} T_2^3 + 7 c_{85} T_1^{21} T_2^3 + 4 a_2 b_3 T_2^4 - 3 a_4 b_3 T_2^4 - \\
 & 7 a_2 b_5 T_2^4 + 5 a_4 b_5 T_2^4 - 10 c_{19} T_2^4 - 10 c_{34} T_2^4 - 10 c_{49} T_2^4 - 10 c_{64} T_2^4 - 16 c_{81} T_2^4 - 41 c_{82} T_2^4 - \\
 & 16 c_{84} T_2^4 - 25 c_{85} T_2^4 - 13 a_2 b_3 T_1 T_2^4 + 17 a_4 b_3 T_1 T_2^4 + 16 a_2 b_5 T_1 T_2^4 - 24 a_4 b_5 T_1 T_2^4 + \\
 & 9 c_{16} T_1 T_2^4 + 18 c_{19} T_1 T_2^4 + 9 c_{31} T_1 T_2^4 + 18 c_{34} T_1 T_2^4 + 9 c_{46} T_1 T_2^4 + 18 c_{49} T_1 T_2^4 + 9 c_{61} T_1 T_2^4 + \\
 & 18 c_{64} T_1 T_2^4 + 44 c_{81} T_1 T_2^4 + 89 c_{82} T_1 T_2^4 + 28 c_{84} T_1 T_2^4 + 52 c_{85} T_1 T_2^4 + 24 a_2 b_3 T_1^2 T_2^4 - \\
 & 34 a_4 b_3 T_1^2 T_2^4 - 26 a_2 b_5 T_1^2 T_2^4 + 34 a_4 b_5 T_1^2 T_2^4 - 13 c_{16} T_1^2 T_2^4 - 20 c_{19} T_1^2 T_2^4 - 13 c_{31} T_1^2 T_2^4 - \\
 & 20 c_{34} T_1^2 T_2^4 - 13 c_{46} T_1^2 T_2^4 - 20 c_{49} T_1^2 T_2^4 - 13 c_{61} T_1^2 T_2^4 - 20 c_{64} T_1^2 T_2^4 - 68 c_{81} T_1^2 T_2^4 - \\
 & 93 c_{82} T_1^2 T_2^4 - 40 c_{84} T_1^2 T_2^4 - 53 c_{85} T_1^2 T_2^4 - 38 a_2 b_3 T_1^3 T_2^4 + 54 a_4 b_3 T_1^3 T_2^4 + 40 a_2 b_5 T_1^3 T_2^4 - \\
 & 54 a_4 b_5 T_1^3 T_2^4 + 22 c_{16} T_1^3 T_2^4 + 26 c_{19} T_1^3 T_2^4 + 22 c_{31} T_1^3 T_2^4 + 26 c_{34} T_1^3 T_2^4 + 22 c_{46} T_1^3 T_2^4 + \\
 & 26 c_{49} T_1^3 T_2^4 + 22 c_{61} T_1^3 T_2^4 + 26 c_{64} T_1^3 T_2^4 + 104 c_{81} T_1^3 T_2^4 + 117 c_{82} T_1^3 T_2^4 + 64 c_{84} T_1^3 T_2^4 + \\
 & 68 c_{85} T_1^3 T_2^4 + 52 a_2 b_3 T_1^4 T_2^4 - 80 a_4 b_3 T_1^4 T_2^4 - 52 a_2 b_5 T_1^4 T_2^4 + 72 a_4 b_5 T_1^4 T_2^4 - 30 c_{16} T_1^4 T_2^4 - \\
 & 30 c_{19} T_1^4 T_2^4 - 30 c_{31} T_1^4 T_2^4 - 30 c_{34} T_1^4 T_2^4 - 30 c_{46} T_1^4 T_2^4 - 30 c_{49} T_1^4 T_2^4 - 30 c_{61} T_1^4 T_2^4 - \\
 & 30 c_{64} T_1^4 T_2^4 - 145 c_{81} T_1^4 T_2^4 - 145 c_{82} T_1^4 T_2^4 - 81 c_{84} T_1^4 T_2^4 - 81 c_{85} T_1^4 T_2^4 - 64 a_2 b_3 T_1^5 T_2^4 + \\
 & 104 a_4 b_3 T_1^5 T_2^4 + 64 a_2 b_5 T_1^5 T_2^4 - 90 a_4 b_5 T_1^5 T_2^4 + 39 c_{16} T_1^5 T_2^4 + 34 c_{19} T_1^5 T_2^4 + 39 c_{31} T_1^5 T_2^4 + \\
 & 34 c_{34} T_1^5 T_2^4 + 39 c_{46} T_1^5 T_2^4 + 34 c_{49} T_1^5 T_2^4 + 39 c_{61} T_1^5 T_2^4 + 34 c_{64} T_1^5 T_2^4 + 181 c_{81} T_1^5 T_2^4 + \\
 & 156 c_{82} T_1^5 T_2^4 + 100 c_{84} T_1^5 T_2^4 + 84 c_{85} T_1^5 T_2^4 + 76 a_2 b_3 T_1^6 T_2^4 - 128 a_4 b_3 T_1^6 T_2^4 - 76 a_2 b_5 T_1^6 T_2^4 + \\
 & 108 a_4 b_5 T_1^6 T_2^4 - 49 c_{16} T_1^6 T_2^4 - 38 c_{19} T_1^6 T_2^4 - 49 c_{31} T_1^6 T_2^4 - 38 c_{34} T_1^6 T_2^4 - 49 c_{46} T_1^6 T_2^4 - \\
 & 38 c_{49} T_1^6 T_2^4 - 49 c_{61} T_1^6 T_2^4 - 38 c_{64} T_1^6 T_2^4 - 221 c_{81} T_1^6 T_2^4 - 176 c_{82} T_1^6 T_2^4 - 121 c_{84} T_1^6 T_2^4 - \\
 & 96 c_{85} T_1^6 T_2^4 - 88 a_2 b_3 T_1^7 T_2^4 + 152 a_4 b_3 T_1^7 T_2^4 + 88 a_2 b_5 T_1^7 T_2^4 - 126 a_4 b_5 T_1^7 T_2^4 + 60 c_{16} T_1^7 T_2^4 + \\
 & 42 c_{19} T_1^7 T_2^4 + 60 c_{31} T_1^7 T_2^4 + 42 c_{34} T_1^7 T_2^4 + 60 c_{46} T_1^7 T_2^4 + 42 c_{49} T_1^7 T_2^4 + 60 c_{61} T_1^7 T_2^4 + \\
 & 42 c_{64} T_1^7 T_2^4 + 265 c_{81} T_1^7 T_2^4 + 196 c_{82} T_1^7 T_2^4 + 144 c_{84} T_1^7 T_2^4 + 108 c_{85} T_1^7 T_2^4 + 96 a_2 b_3 T_1^8 T_2^4 - \\
 & 174 a_4 b_3 T_1^8 T_2^4 - 94 a_2 b_5 T_1^8 T_2^4 + 141 a_4 b_5 T_1^8 T_2^4 - 72 c_{16} T_1^8 T_2^4 - 46 c_{19} T_1^8 T_2^4 - 72 c_{31} T_1^8 T_2^4 - \\
 & 46 c_{34} T_1^8 T_2^4 - 72 c_{46} T_1^8 T_2^4 - 46 c_{49} T_1^8 T_2^4 - 72 c_{61} T_1^8 T_2^4 - 46 c_{64} T_1^8 T_2^4 - 232 c_{81} T_1^8 T_2^4 - \\
 & 216 c_{82} T_1^8 T_2^4 - 88 c_{84} T_1^8 T_2^4 - 120 c_{85} T_1^8 T_2^4 - 90 a_2 b_3 T_1^9 T_2^4 + 181 a_4 b_3 T_1^9 T_2^4 + 83 a_2 b_5 T_1^9 T_2^4 - \\
 & 135 a_4 b_5 T_1^9 T_2^4 + 76 c_{16} T_1^9 T_2^4 + 30 c_{19} T_1^9 T_2^4 + 76 c_{31} T_1^9 T_2^4 + 30 c_{34} T_1^9 T_2^4 + 76 c_{46} T_1^9 T_2^4 + \\
 & 30 c_{49} T_1^9 T_2^4 + 76 c_{61} T_1^9 T_2^4 + 30 c_{64} T_1^9 T_2^4 + 135 c_{81} T_1^9 T_2^4 + 154 c_{82} T_1^9 T_2^4 + 47 c_{84} T_1^9 T_2^4 + \\
 & 82 c_{85} T_1^9 T_2^4 + 76 a_2 b_3 T_1^{10} T_2^4 - 165 a_4 b_3 T_1^{10} T_2^4 - 75 a_2 b_5 T_1^{10} T_2^4 + 109 a_4 b_5 T_1^{10} T_2^4 - \\
 & 68 c_{16} T_1^{10} T_2^4 - 18 c_{19} T_1^{10} T_2^4 - 68 c_{31} T_1^{10} T_2^4 - 18 c_{34} T_1^{10} T_2^4 - 68 c_{46} T_1^{10} T_2^4 - 18 c_{49} T_1^{10} T_2^4 - \\
 & 68 c_{61} T_1^{10} T_2^4 - 18 c_{64} T_1^{10} T_2^4 - 99 c_{81} T_1^{10} T_2^4 - 78 c_{82} T_1^{10} T_2^4 - 52 c_{84} T_1^{10} T_2^4 - 40 c_{85} T_1^{10} T_2^4 - \\
 & 62 a_2 b_3 T_1^{11} T_2^4 + 154 a_4 b_3 T_1^{11} T_2^4 + 66 a_2 b_5 T_1^{11} T_2^4 - 110 a_4 b_5 T_1^{11} T_2^4 + 57 c_{16} T_1^{11} T_2^4 + \\
 & 18 c_{19} T_1^{11} T_2^4 + 57 c_{31} T_1^{11} T_2^4 + 18 c_{34} T_1^{11} T_2^4 + 57 c_{46} T_1^{11} T_2^4 + 18 c_{49} T_1^{11} T_2^4 + 57 c_{61} T_1^{11} T_2^4 + \\
 & 18 c_{64} T_1^{11} T_2^4 + 75 c_{81} T_1^{11} T_2^4 + 90 c_{82} T_1^{11} T_2^4 + 23 c_{84} T_1^{11} T_2^4 + 50 c_{85} T_1^{11} T_2^4 + 42 a_2 b_3 T_1^{12} T_2^4 - \\
 & 138 a_4 b_3 T_1^{12} T_2^4 - 48 a_2 b_5 T_1^{12} T_2^4 + 86 a_4 b_5 T_1^{12} T_2^4 - 43 c_{16} T_1^{12} T_2^4 - 10 c_{19} T_1^{12} T_2^4 - \\
 & 43 c_{31} T_1^{12} T_2^4 - 10 c_{34} T_1^{12} T_2^4 - 43 c_{46} T_1^{12} T_2^4 - 10 c_{49} T_1^{12} T_2^4 - 43 c_{61} T_1^{12} T_2^4 - 10 c_{64} T_1^{12} T_2^4 - \\
 & 31 c_{81} T_1^{12} T_2^4 - 62 c_{82} T_1^{12} T_2^4 - 8 c_{84} T_1^{12} T_2^4 - 32 c_{85} T_1^{12} T_2^4 - 24 a_2 b_3 T_1^{13} T_2^4 + 108 a_4 b_3 T_1^{13} T_2^4 + \\
 & 36 a_2 b_5 T_1^{13} T_2^4 - 68 a_4 b_5 T_1^{13} T_2^4 + 26 c_{16} T_1^{13} T_2^4 + 6 c_{19} T_1^{13} T_2^4 + 26 c_{31} T_1^{13} T_2^4 + 6 c_{34} T_1^{13} T_2^4 + \\
 & 26 c_{46} T_1^{13} T_2^4 + 6 c_{49} T_1^{13} T_2^4 + 26 c_{61} T_1^{13} T_2^4 + 6 c_{64} T_1^{13} T_2^4 - c_{81} T_1^{13} T_2^4 + 26 c_{82} T_1^{13} T_2^4 - \\
 & 9 c_{84} T_1^{13} T_2^4 + 18 c_{85} T_1^{13} T_2^4 + 12 a_2 b_3 T_1^{14} T_2^4 - 84 a_4 b_3 T_1^{14} T_2^4 - 24 a_2 b_5 T_1^{14} T_2^4 + 50 a_4 b_5 T_1^{14} T_2^4 - \\
 & 8 c_{16} T_1^{14} T_2^4 - 2 c_{19} T_1^{14} T_2^4 - 8 c_{31} T_1^{14} T_2^4 - 2 c_{34} T_1^{14} T_2^4 - 8 c_{46} T_1^{14} T_2^4 - 2 c_{49} T_1^{14} T_2^4 - 8 c_{61} T_1^{14} T_2^4 - \\
 & 2 c_{64} T_1^{14} T_2^4 + 37 c_{81} T_1^{14} T_2^4 - 24 c_{82} T_1^{14} T_2^4 + 28 c_{84} T_1^{14} T_2^4 - 24 c_{85} T_1^{14} T_2^4 + 60 a_2 b_3 T_1^{15} T_2^4 + \\
 & 12 a_2 b_5 T_1^{15} T_2^4 - 32 a_4 b_5 T_1^{15} T_2^4 - 13 c_{16} T_1^{15} T_2^4 - 2 c_{19} T_1^{15} T_2^4 - 13 c_{31} T_1^{15} T_2^4 - 2 c_{34} T_1^{15} T_2^4 - \\
 & 13 c_{46} T_1^{15} T_2^4 - 2 c_{49} T_1^{15} T_2^4 - 13 c_{61} T_1^{15} T_2^4 - 2 c_{64} T_1^{15} T_2^4 - 77 c_{81} T_1^{15} T_2^4 + 4 c_{82} T_1^{15} T_2^4 - \\
 & 49 c_{84} T_1^{15} T_2^4 + 12 c_{85} T_1^{15} T_2^4 - 12 a_2 b_3 T_1^{16} T_2^4 - 36 a_4 b_3 T_1^{16} T_2^4 + 14 a_4 b_5 T_1^{16} T_2^4 + 37 c_{16} T_1^{16} T_2^4 + \\
 & 6 c_{19} T_1^{16} T_2^4 + 37 c_{31} T_1^{16} T_2^4 + 6 c_{34} T_1^{16} T_2^4 + 37 c_{46} T_1^{16} T_2^4 + 6 c_{49} T_1^{16} T_2^4 + 37 c_{61} T_1^{16} T_2^4 + \\
 & 6 c_{64} T_1^{16} T_2^4 + 121 c_{81} T_1^{16} T_2^4 + 16 c_{82} T_1^{16} T_2^4 + 72 c_{84} T_1^{16} T_2^4 + 20 a_2 b_3 T_1^{17} T_2^4 + 14 a_4 b_3 T_1^{17} T_2^4 - \\
 & 6 a_2 b_5 T_1^{17} T_2^4 + a_4 b_5 T_1^{17} T_2^4 - 64 c_{16} T_1^{17} T_2^4 - 10 c_{19} T_1^{17} T_2^4 - 64 c_{31} T_1^{17} T_2^4 - 10 c_{34} T_1^{17} T_2^4 - \\
 & 64 c_{46} T_1^{17} T_2^4 - 10 c_{49} T_1^{17} T_2^4 - 64 c_{61} T_1^{17} T_2^4 - 10 c_{64} T_1^{17} T_2^4 - 88 c_{81} T_1^{17} T_2^4 - 36 c_{82} T_1^{17} T_2^4 - \\
 & 16 c_{84} T_1^{17} T_2^4 - 12 c_{85} T_1^{17} T_2^4 - 18 a_2 b_3 T_1^{18} T_2^4 - 4 a_4 b_3 T_1^{18} T_2^4 + 2 a_2 b_5 T_1^{18} T_2^4 + 4 c_{16} T_1^{18} T_2^4 + \\
 & 4 c_{19} T_1^{18} T_2^4 + 4 c_{31} T_1^{18} T_2^4 + 4 c_{34} T_1^{18} T_2^4 + 4 c_{46} T_1^{18} T_2^4 + 4 c_{49} T_1^{18} T_2^4 + 4 c_{61} T_1^{18} T_2^4 + 4 c_{64} T_1^{18} T_2^4 +
 \end{aligned}$$

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$$\begin{aligned}
 & 7 c_{81} T_1^{18} T_2^4 + 15 c_{82} T_1^{18} T_2^4 - 9 c_{84} T_1^{18} T_2^4 - c_{85} T_1^{18} T_2^4 + 13 a_2 b_3 T_1^{19} T_2^4 + 6 a_4 b_3 T_1^{19} T_2^4 - \\
 & 3 a_2 b_5 T_1^{19} T_2^4 - 7 a_4 b_5 T_1^{19} T_2^4 + 12 c_{16} T_1^{19} T_2^4 + 12 c_{31} T_1^{19} T_2^4 + 12 c_{46} T_1^{19} T_2^4 + 12 c_{61} T_1^{19} T_2^4 + \\
 & c_{81} T_1^{19} T_2^4 + 13 c_{82} T_1^{19} T_2^4 - 8 c_{84} T_1^{19} T_2^4 + 16 c_{85} T_1^{19} T_2^4 - 10 a_2 b_3 T_1^{20} T_2^4 + 4 a_2 b_5 T_1^{20} T_2^4 - \\
 & 4 a_4 b_5 T_1^{20} T_2^4 + 2 c_{16} T_1^{20} T_2^4 + 2 c_{19} T_1^{20} T_2^4 + 2 c_{31} T_1^{20} T_2^4 + 2 c_{34} T_1^{20} T_2^4 + 2 c_{46} T_1^{20} T_2^4 + \\
 & 2 c_{49} T_1^{20} T_2^4 + 2 c_{61} T_1^{20} T_2^4 + 2 c_{64} T_1^{20} T_2^4 - c_{81} T_1^{20} T_2^4 + 3 c_{82} T_1^{20} T_2^4 - 9 c_{84} T_1^{20} T_2^4 - 5 c_{85} T_1^{20} T_2^4 + \\
 & 4 a_2 b_3 T_1^{21} T_2^4 - 4 a_4 b_3 T_1^{21} T_2^4 + 16 c_{16} T_1^{21} T_2^4 + 16 c_{31} T_1^{21} T_2^4 + 16 c_{46} T_1^{21} T_2^4 + 16 c_{61} T_1^{21} T_2^4 + \\
 & 9 c_{81} T_1^{21} T_2^4 + c_{82} T_1^{21} T_2^4 + 8 c_{85} T_1^{21} T_2^4 - 9 c_{82} T_1^{22} T_2^4 - 9 c_{85} T_1^{22} T_2^4 - 5 a_2 b_3 T_2^5 + 4 a_4 b_3 T_2^5 + \\
 & 9 a_2 b_5 T_2^5 - 7 a_4 b_5 T_2^5 + 15 c_{19} T_2^5 + 15 c_{34} T_2^5 + 15 c_{49} T_2^5 + 15 c_{64} T_2^5 + 20 c_{81} T_2^5 + 61 c_{82} T_2^5 + \\
 & 20 c_{84} T_2^5 + 36 c_{85} T_2^5 + 16 a_2 b_3 T_1 T_2^5 - 22 a_4 b_3 T_1 T_2^5 - 20 a_2 b_5 T_1 T_2^5 + 32 a_4 b_5 T_1 T_2^5 - \\
 & 11 c_{16} T_1 T_2^5 - 25 c_{19} T_1 T_2^5 - 11 c_{31} T_1 T_2^5 - 25 c_{34} T_1 T_2^5 - 11 c_{46} T_1 T_2^5 - 25 c_{49} T_1 T_2^5 - \\
 & 11 c_{61} T_1 T_2^5 - 25 c_{64} T_1 T_2^5 - 52 c_{81} T_1 T_2^5 - 121 c_{82} T_1 T_2^5 - 32 c_{84} T_1 T_2^5 - 69 c_{85} T_1 T_2^5 - \\
 & 30 a_2 b_3 T_1^2 T_2^5 + 44 a_4 b_3 T_1^2 T_2^5 + 34 a_2 b_5 T_1^2 T_2^5 - 46 a_4 b_5 T_1^2 T_2^5 + 15 c_{16} T_1^2 T_2^5 + 27 c_{19} T_1^2 T_2^5 + \\
 & 15 c_{31} T_1^2 T_2^5 + 27 c_{34} T_1^2 T_2^5 + 15 c_{46} T_1^2 T_2^5 + 27 c_{49} T_1^2 T_2^5 + 15 c_{61} T_1^2 T_2^5 + 27 c_{64} T_1^2 T_2^5 + \\
 & 80 c_{81} T_1^2 T_2^5 + 121 c_{82} T_1^2 T_2^5 + 48 c_{84} T_1^2 T_2^5 + 68 c_{85} T_1^2 T_2^5 + 48 a_2 b_3 T_1^3 T_2^5 - 72 a_4 b_3 T_1^3 T_2^5 - \\
 & 52 a_2 b_5 T_1^3 T_2^5 + 80 a_4 b_5 T_1^3 T_2^5 - 26 c_{16} T_1^3 T_2^5 - 35 c_{19} T_1^3 T_2^5 - 26 c_{31} T_1^3 T_2^5 - 35 c_{34} T_1^3 T_2^5 - \\
 & 26 c_{46} T_1^3 T_2^5 - 35 c_{49} T_1^3 T_2^5 - 26 c_{61} T_1^3 T_2^5 - 35 c_{64} T_1^3 T_2^5 - 120 c_{81} T_1^3 T_2^5 - 157 c_{82} T_1^3 T_2^5 - \\
 & 72 c_{84} T_1^3 T_2^5 - 89 c_{85} T_1^3 T_2^5 - 67 a_2 b_3 T_1^4 T_2^5 + 104 a_4 b_3 T_1^4 T_2^5 + 67 a_2 b_5 T_1^4 T_2^5 - 104 a_4 b_5 T_1^4 T_2^5 + \\
 & 34 c_{16} T_1^4 T_2^5 + 39 c_{19} T_1^4 T_2^5 + 34 c_{31} T_1^4 T_2^5 + 39 c_{34} T_1^4 T_2^5 + 34 c_{46} T_1^4 T_2^5 + 39 c_{49} T_1^4 T_2^5 + \\
 & 34 c_{61} T_1^4 T_2^5 + 39 c_{64} T_1^4 T_2^5 + 156 c_{81} T_1^4 T_2^5 + 181 c_{82} T_1^4 T_2^5 + 84 c_{84} T_1^4 T_2^5 + 100 c_{85} T_1^4 T_2^5 + \\
 & 88 a_2 b_3 T_1^5 T_2^5 - 131 a_4 b_3 T_1^5 T_2^5 - 85 a_2 b_5 T_1^5 T_2^5 + 131 a_4 b_5 T_1^5 T_2^5 - 45 c_{16} T_1^5 T_2^5 - 45 c_{19} T_1^5 T_2^5 - \\
 & 45 c_{31} T_1^5 T_2^5 - 45 c_{34} T_1^5 T_2^5 - 45 c_{46} T_1^5 T_2^5 - 45 c_{49} T_1^5 T_2^5 - 45 c_{61} T_1^5 T_2^5 - 45 c_{64} T_1^5 T_2^5 - \\
 & 193 c_{81} T_1^5 T_2^5 - 193 c_{82} T_1^5 T_2^5 - 109 c_{84} T_1^5 T_2^5 - 109 c_{85} T_1^5 T_2^5 - 112 a_2 b_3 T_1^6 T_2^5 + 161 a_4 b_3 T_1^6 T_2^5 + \\
 & 103 a_2 b_5 T_1^6 T_2^5 - 158 a_4 b_5 T_1^6 T_2^5 + 57 c_{16} T_1^6 T_2^5 + 51 c_{19} T_1^6 T_2^5 + 57 c_{31} T_1^6 T_2^5 + 51 c_{34} T_1^6 T_2^5 + \\
 & 57 c_{46} T_1^6 T_2^5 + 51 c_{49} T_1^6 T_2^5 + 57 c_{61} T_1^6 T_2^5 + 51 c_{64} T_1^6 T_2^5 + 245 c_{81} T_1^6 T_2^5 + 228 c_{82} T_1^6 T_2^5 + \\
 & 136 c_{84} T_1^6 T_2^5 + 132 c_{85} T_1^6 T_2^5 + 136 a_2 b_3 T_1^7 T_2^5 - 191 a_4 b_3 T_1^7 T_2^5 - 121 a_2 b_5 T_1^7 T_2^5 + \\
 & 185 a_4 b_5 T_1^7 T_2^5 - 70 c_{16} T_1^7 T_2^5 - 57 c_{19} T_1^7 T_2^5 - 70 c_{31} T_1^7 T_2^5 - 57 c_{34} T_1^7 T_2^5 - 70 c_{46} T_1^7 T_2^5 - \\
 & 57 c_{49} T_1^7 T_2^5 - 70 c_{61} T_1^7 T_2^5 - 57 c_{64} T_1^7 T_2^5 - 301 c_{81} T_1^7 T_2^5 - 252 c_{82} T_1^7 T_2^5 - 165 c_{84} T_1^7 T_2^5 - \\
 & 144 c_{85} T_1^7 T_2^5 - 154 a_2 b_3 T_1^8 T_2^5 + 217 a_4 b_3 T_1^8 T_2^5 + 129 a_2 b_5 T_1^8 T_2^5 - 206 a_4 b_5 T_1^8 T_2^5 + \\
 & 84 c_{16} T_1^8 T_2^5 + 63 c_{19} T_1^8 T_2^5 + 84 c_{31} T_1^8 T_2^5 + 63 c_{34} T_1^8 T_2^5 + 84 c_{46} T_1^8 T_2^5 + 63 c_{49} T_1^8 T_2^5 + \\
 & 84 c_{61} T_1^8 T_2^5 + 63 c_{64} T_1^8 T_2^5 + 262 c_{81} T_1^8 T_2^5 + 276 c_{82} T_1^8 T_2^5 + 97 c_{84} T_1^8 T_2^5 + 156 c_{85} T_1^8 T_2^5 + \\
 & 154 a_2 b_3 T_1^9 T_2^5 - 219 a_4 b_3 T_1^9 T_2^5 - 115 a_2 b_5 T_1^9 T_2^5 + 194 a_4 b_5 T_1^9 T_2^5 - 88 c_{16} T_1^9 T_2^5 - 39 c_{19} T_1^9 T_2^5 - \\
 & 88 c_{31} T_1^9 T_2^5 - 39 c_{34} T_1^9 T_2^5 - 88 c_{46} T_1^9 T_2^5 - 39 c_{49} T_1^9 T_2^5 - 88 c_{61} T_1^9 T_2^5 - 39 c_{64} T_1^9 T_2^5 - \\
 & 151 c_{81} T_1^9 T_2^5 - 178 c_{82} T_1^9 T_2^5 - 54 c_{84} T_1^9 T_2^5 - 96 c_{85} T_1^9 T_2^5 - 146 a_2 b_3 T_1^{10} T_2^5 + 191 a_4 b_3 T_1^{10} T_2^5 + \\
 & 107 a_2 b_5 T_1^{10} T_2^5 - 162 a_4 b_5 T_1^{10} T_2^5 + 78 c_{16} T_1^{10} T_2^5 + 25 c_{19} T_1^{10} T_2^5 + 78 c_{31} T_1^{10} T_2^5 + 25 c_{34} T_1^{10} T_2^5 + \\
 & 78 c_{46} T_1^{10} T_2^5 + 25 c_{49} T_1^{10} T_2^5 + 78 c_{61} T_1^{10} T_2^5 + 25 c_{64} T_1^{10} T_2^5 + 119 c_{81} T_1^{10} T_2^5 + 82 c_{82} T_1^{10} T_2^5 + \\
 & 65 c_{84} T_1^{10} T_2^5 + 42 c_{85} T_1^{10} T_2^5 + 138 a_2 b_3 T_1^{11} T_2^5 - 169 a_4 b_3 T_1^{11} T_2^5 - 93 a_2 b_5 T_1^{11} T_2^5 + \\
 & 161 a_4 b_5 T_1^{11} T_2^5 - 65 c_{16} T_1^{11} T_2^5 - 27 c_{19} T_1^{11} T_2^5 - 65 c_{31} T_1^{11} T_2^5 - 27 c_{34} T_1^{11} T_2^5 - 65 c_{46} T_1^{11} T_2^5 - \\
 & 27 c_{49} T_1^{11} T_2^5 - 65 c_{61} T_1^{11} T_2^5 - 27 c_{64} T_1^{11} T_2^5 - 99 c_{81} T_1^{11} T_2^5 - 106 c_{82} T_1^{11} T_2^5 - 34 c_{84} T_1^{11} T_2^5 - \\
 & 56 c_{85} T_1^{11} T_2^5 - 124 a_2 b_3 T_1^{12} T_2^5 + 135 a_4 b_3 T_1^{12} T_2^5 + 73 a_2 b_5 T_1^{12} T_2^5 - 112 a_4 b_5 T_1^{12} T_2^5 + \\
 & 49 c_{16} T_1^{12} T_2^5 + 17 c_{19} T_1^{12} T_2^5 + 49 c_{31} T_1^{12} T_2^5 + 17 c_{34} T_1^{12} T_2^5 + 49 c_{46} T_1^{12} T_2^5 + 17 c_{49} T_1^{12} T_2^5 + \\
 & 49 c_{61} T_1^{12} T_2^5 + 17 c_{64} T_1^{12} T_2^5 + 59 c_{81} T_1^{12} T_2^5 + 58 c_{82} T_1^{12} T_2^5 + 25 c_{84} T_1^{12} T_2^5 + 26 c_{85} T_1^{12} T_2^5 + \\
 & 112 a_2 b_3 T_1^{13} T_2^5 - 97 a_4 b_3 T_1^{13} T_2^5 - 63 a_2 b_5 T_1^{13} T_2^5 + 93 a_4 b_5 T_1^{13} T_2^5 - 30 c_{16} T_1^{13} T_2^5 - \\
 & 15 c_{19} T_1^{13} T_2^5 - 30 c_{31} T_1^{13} T_2^5 - 15 c_{34} T_1^{13} T_2^5 - 30 c_{46} T_1^{13} T_2^5 - 15 c_{49} T_1^{13} T_2^5 - 30 c_{61} T_1^{13} T_2^5 - \\
 & 15 c_{64} T_1^{13} T_2^5 - 31 c_{81} T_1^{13} T_2^5 - 34 c_{82} T_1^{13} T_2^5 - 6 c_{84} T_1^{13} T_2^5 - 16 c_{85} T_1^{13} T_2^5 - 96 a_2 b_3 T_1^{14} T_2^5 + \\
 & 75 a_4 b_3 T_1^{14} T_2^5 + 45 a_2 b_5 T_1^{14} T_2^5 - 66 a_4 b_5 T_1^{14} T_2^5 + 8 c_{16} T_1^{14} T_2^5 + 9 c_{19} T_1^{14} T_2^5 + 8 c_{31} T_1^{14} T_2^5 + \\
 & 9 c_{34} T_1^{14} T_2^5 + 8 c_{46} T_1^{14} T_2^5 + 9 c_{49} T_1^{14} T_2^5 + 8 c_{61} T_1^{14} T_2^5 + 9 c_{64} T_1^{14} T_2^5 - 13 c_{81} T_1^{14} T_2^5 + \\
 & 34 c_{82} T_1^{14} T_2^5 - 19 c_{84} T_1^{14} T_2^5 + 10 c_{85} T_1^{14} T_2^5 + 72 a_2 b_3 T_1^{15} T_2^5 - 45 a_4 b_3 T_1^{15} T_2^5 - 27 a_2 b_5 T_1^{15} T_2^5 + \\
 & 39 a_4 b_5 T_1^{15} T_2^5 + 19 c_{16} T_1^{15} T_2^5 - 3 c_{19} T_1^{15} T_2^5 + 19 c_{31} T_1^{15} T_2^5 - 3 c_{34} T_1^{15} T_2^5 + 19 c_{46} T_1^{15} T_2^5 - \\
 & 3 c_{49} T_1^{15} T_2^5 + 19 c_{61} T_1^{15} T_2^5 - 3 c_{64} T_1^{15} T_2^5 + 65 c_{81} T_1^{15} T_2^5 + 12 c_{82} T_1^{15} T_2^5 + 46 c_{84} T_1^{15} T_2^5 + \\
 & 24 c_{85} T_1^{15} T_2^5 - 48 a_2 b_3 T_1^{16} T_2^5 + 15 a_4 b_3 T_1^{16} T_2^5 + 9 a_2 b_5 T_1^{16} T_2^5 - 12 a_4 b_5 T_1^{16} T_2^5 -
 \end{aligned}$$

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$$\begin{aligned}
 & 49 c_{16} T_1^{16} T_2^5 - 3 c_{19} T_1^{16} T_2^5 - 49 c_{31} T_1^{16} T_2^5 - 3 c_{34} T_1^{16} T_2^5 - 49 c_{46} T_1^{16} T_2^5 - 3 c_{49} T_1^{16} T_2^5 - \\
 & 49 c_{61} T_1^{16} T_2^5 - 3 c_{64} T_1^{16} T_2^5 - 121 c_{81} T_1^{16} T_2^5 - 36 c_{82} T_1^{16} T_2^5 - 75 c_{84} T_1^{16} T_2^5 - 36 c_{85} T_1^{16} T_2^5 + \\
 & 30 a_2 b_3 T_1^{17} T_2^5 + 11 a_4 b_3 T_1^{17} T_2^5 - a_2 b_5 T_1^{17} T_2^5 - 9 a_4 b_5 T_1^{17} T_2^5 + 82 c_{16} T_1^{17} T_2^5 + 9 c_{19} T_1^{17} T_2^5 + \\
 & 82 c_{31} T_1^{17} T_2^5 + 9 c_{34} T_1^{17} T_2^5 + 82 c_{46} T_1^{17} T_2^5 + 9 c_{49} T_1^{17} T_2^5 + 82 c_{61} T_1^{17} T_2^5 + 9 c_{64} T_1^{17} T_2^5 + \\
 & 82 c_{81} T_1^{17} T_2^5 + 60 c_{82} T_1^{17} T_2^5 + 7 c_{84} T_1^{17} T_2^5 + 48 c_{85} T_1^{17} T_2^5 - 25 a_2 b_3 T_1^{18} T_2^5 - 17 a_4 b_3 T_1^{18} T_2^5 + \\
 & 6 a_2 b_5 T_1^{18} T_2^5 + 4 a_4 b_5 T_1^{18} T_2^5 - 8 c_{16} T_1^{18} T_2^5 - 8 c_{31} T_1^{18} T_2^5 - 8 c_{46} T_1^{18} T_2^5 - 8 c_{61} T_1^{18} T_2^5 + \\
 & 9 c_{81} T_1^{18} T_2^5 - 23 c_{82} T_1^{18} T_2^5 + 16 c_{84} T_1^{18} T_2^5 - 24 c_{85} T_1^{18} T_2^5 + 22 a_2 b_3 T_1^{19} T_2^5 + 7 a_4 b_3 T_1^{19} T_2^5 - \\
 & 3 a_2 b_5 T_1^{19} T_2^5 + 3 a_4 b_5 T_1^{19} T_2^5 - 4 c_{16} T_1^{19} T_2^5 - 4 c_{19} T_1^{19} T_2^5 - 4 c_{31} T_1^{19} T_2^5 - 4 c_{34} T_1^{19} T_2^5 - \\
 & 4 c_{46} T_1^{19} T_2^5 - 4 c_{49} T_1^{19} T_2^5 - 4 c_{61} T_1^{19} T_2^5 - 4 c_{64} T_1^{19} T_2^5 - 9 c_{81} T_1^{19} T_2^5 - 13 c_{82} T_1^{19} T_2^5 + \\
 & 7 c_{84} T_1^{19} T_2^5 + 3 c_{85} T_1^{19} T_2^5 - 16 a_2 b_3 T_1^{20} T_2^5 - 7 a_4 b_3 T_1^{20} T_2^5 + 3 a_2 b_5 T_1^{20} T_2^5 + 10 a_4 b_5 T_1^{20} T_2^5 - \\
 & 12 c_{16} T_1^{20} T_2^5 - 12 c_{31} T_1^{20} T_2^5 - 12 c_{46} T_1^{20} T_2^5 - 12 c_{61} T_1^{20} T_2^5 + c_{81} T_1^{20} T_2^5 - 11 c_{82} T_1^{20} T_2^5 + \\
 & 8 c_{84} T_1^{20} T_2^5 - 16 c_{85} T_1^{20} T_2^5 + 12 a_2 b_3 T_1^{21} T_2^5 + a_4 b_3 T_1^{21} T_2^5 - 5 a_2 b_5 T_1^{21} T_2^5 + 5 a_4 b_5 T_1^{21} T_2^5 - \\
 & 2 c_{16} T_1^{21} T_2^5 - 2 c_{19} T_1^{21} T_2^5 - 2 c_{31} T_1^{21} T_2^5 - 2 c_{34} T_1^{21} T_2^5 - 2 c_{46} T_1^{21} T_2^5 - 2 c_{49} T_1^{21} T_2^5 - \\
 & 2 c_{61} T_1^{21} T_2^5 - 2 c_{64} T_1^{21} T_2^5 - c_{81} T_1^{21} T_2^5 - c_{82} T_1^{21} T_2^5 + 7 c_{84} T_1^{21} T_2^5 + 7 c_{85} T_1^{21} T_2^5 - 5 a_2 b_3 T_1^{22} T_2^5 + \\
 & 5 a_4 b_3 T_1^{22} T_2^5 - 16 c_{16} T_1^{22} T_2^5 - 16 c_{31} T_1^{22} T_2^5 - 16 c_{46} T_1^{22} T_2^5 - 16 c_{61} T_1^{22} T_2^5 - 7 c_{81} T_1^{22} T_2^5 + \\
 & c_{82} T_1^{22} T_2^5 - 8 c_{85} T_1^{22} T_2^5 + 11 c_{82} T_1^{23} T_2^5 + 11 c_{85} T_1^{23} T_2^5 + 6 a_2 b_3 T_1^6 T_2^5 - 5 a_4 b_3 T_1^6 T_2^5 - 11 a_2 b_5 T_1^6 T_2^5 + \\
 & 9 a_4 b_5 T_1^6 T_2^5 - 21 c_{19} T_1^6 T_2^5 - 21 c_{34} T_1^6 T_2^5 - 21 c_{49} T_1^6 T_2^5 - 21 c_{64} T_1^6 T_2^5 - 24 c_{81} T_1^6 T_2^5 - 85 c_{82} T_1^6 T_2^5 - 24 c_{84} T_1^6 T_2^5 - \\
 & 49 c_{85} T_1^6 T_2^5 - 19 a_2 b_3 T_1 T_2^6 + 27 a_4 b_3 T_1 T_2^6 + 24 a_2 b_5 T_1 T_2^6 - 40 a_4 b_5 T_1 T_2^6 + 13 c_{16} T_1 T_2^6 + \\
 & 33 c_{19} T_1 T_2^6 + 13 c_{31} T_1 T_2^6 + 33 c_{34} T_1 T_2^6 + 13 c_{46} T_1 T_2^6 + 33 c_{49} T_1 T_2^6 + 13 c_{61} T_1 T_2^6 + \\
 & 33 c_{64} T_1 T_2^6 + 60 c_{81} T_1 T_2^6 + 157 c_{82} T_1 T_2^6 + 36 c_{84} T_1 T_2^6 + 88 c_{85} T_1 T_2^6 + 36 a_2 b_3 T_1^2 T_2^6 - \\
 & 54 a_4 b_3 T_1^2 T_2^6 - 42 a_2 b_5 T_1^2 T_2^6 + 58 a_4 b_5 T_1^2 T_2^6 - 17 c_{16} T_1^2 T_2^6 - 35 c_{19} T_1^2 T_2^6 - 17 c_{31} T_1^2 T_2^6 - \\
 & 35 c_{34} T_1^2 T_2^6 - 17 c_{46} T_1^2 T_2^6 - 35 c_{49} T_1^2 T_2^6 - 17 c_{61} T_1^2 T_2^6 - 35 c_{64} T_1^2 T_2^6 - 92 c_{81} T_1^2 T_2^6 - \\
 & 153 c_{82} T_1^2 T_2^6 - 56 c_{84} T_1^2 T_2^6 - 85 c_{85} T_1^2 T_2^6 - 58 a_2 b_3 T_1^3 T_2^6 + 90 a_4 b_3 T_1^3 T_2^6 + 64 a_2 b_5 T_1^3 T_2^6 - \\
 & 104 a_4 b_5 T_1^3 T_2^6 + 30 c_{16} T_1^3 T_2^6 + 45 c_{19} T_1^3 T_2^6 + 30 c_{31} T_1^3 T_2^6 + 45 c_{34} T_1^3 T_2^6 + 30 c_{46} T_1^3 T_2^6 + \\
 & 45 c_{49} T_1^3 T_2^6 + 30 c_{61} T_1^3 T_2^6 + 45 c_{64} T_1^3 T_2^6 + 136 c_{81} T_1^3 T_2^6 + 201 c_{82} T_1^3 T_2^6 + 80 c_{84} T_1^3 T_2^6 + \\
 & 112 c_{85} T_1^3 T_2^6 + 82 a_2 b_3 T_1^4 T_2^6 - 131 a_4 b_3 T_1^4 T_2^6 - 85 a_2 b_5 T_1^4 T_2^6 + 131 a_4 b_5 T_1^4 T_2^6 - \\
 & 38 c_{16} T_1^4 T_2^6 - 49 c_{19} T_1^4 T_2^6 - 38 c_{31} T_1^4 T_2^6 - 49 c_{34} T_1^4 T_2^6 - 38 c_{46} T_1^4 T_2^6 - 49 c_{49} T_1^4 T_2^6 - \\
 & 38 c_{61} T_1^4 T_2^6 - 49 c_{64} T_1^4 T_2^6 - 176 c_{81} T_1^4 T_2^6 - 221 c_{82} T_1^4 T_2^6 - 96 c_{84} T_1^4 T_2^6 - 121 c_{85} T_1^4 T_2^6 - \\
 & 109 a_2 b_3 T_1^5 T_2^6 + 173 a_4 b_3 T_1^5 T_2^6 + 112 a_2 b_5 T_1^5 T_2^6 - 173 a_4 b_5 T_1^5 T_2^6 + 51 c_{16} T_1^5 T_2^6 + \\
 & 57 c_{19} T_1^5 T_2^6 + 51 c_{31} T_1^5 T_2^6 + 57 c_{34} T_1^5 T_2^6 + 51 c_{46} T_1^5 T_2^6 + 57 c_{49} T_1^5 T_2^6 + 51 c_{61} T_1^5 T_2^6 + \\
 & 57 c_{64} T_1^5 T_2^6 + 228 c_{81} T_1^5 T_2^6 + 245 c_{82} T_1^5 T_2^6 + 132 c_{84} T_1^5 T_2^6 + 136 c_{85} T_1^5 T_2^6 + 136 a_2 b_3 T_1^6 T_2^6 - \\
 & 224 a_4 b_3 T_1^6 T_2^6 - 136 a_2 b_5 T_1^6 T_2^6 + 212 a_4 b_5 T_1^6 T_2^6 - 63 c_{16} T_1^6 T_2^6 - 63 c_{19} T_1^6 T_2^6 - 63 c_{31} T_1^6 T_2^6 - \\
 & 63 c_{34} T_1^6 T_2^6 - 63 c_{46} T_1^6 T_2^6 - 63 c_{49} T_1^6 T_2^6 - 63 c_{61} T_1^6 T_2^6 - 63 c_{64} T_1^6 T_2^6 - 289 c_{81} T_1^6 T_2^6 - \\
 & 289 c_{82} T_1^6 T_2^6 - 157 c_{84} T_1^6 T_2^6 - 157 c_{85} T_1^6 T_2^6 - 160 a_2 b_3 T_1^7 T_2^6 + 272 a_4 b_3 T_1^7 T_2^6 + \\
 & 160 a_2 b_5 T_1^7 T_2^6 - 251 a_4 b_5 T_1^7 T_2^6 + 76 c_{16} T_1^7 T_2^6 + 69 c_{19} T_1^7 T_2^6 + 76 c_{31} T_1^7 T_2^6 + 69 c_{34} T_1^7 T_2^6 + \\
 & 76 c_{46} T_1^7 T_2^6 + 69 c_{49} T_1^7 T_2^6 + 76 c_{61} T_1^7 T_2^6 + 69 c_{64} T_1^7 T_2^6 + 341 c_{81} T_1^7 T_2^6 + 304 c_{82} T_1^7 T_2^6 + \\
 & 184 c_{84} T_1^7 T_2^6 + 160 c_{85} T_1^7 T_2^6 + 175 a_2 b_3 T_1^8 T_2^6 - 314 a_4 b_3 T_1^8 T_2^6 - 169 a_2 b_5 T_1^8 T_2^6 + \\
 & 280 a_4 b_5 T_1^8 T_2^6 - 90 c_{16} T_1^8 T_2^6 - 75 c_{19} T_1^8 T_2^6 - 90 c_{31} T_1^8 T_2^6 - 75 c_{34} T_1^8 T_2^6 - 90 c_{46} T_1^8 T_2^6 - \\
 & 75 c_{49} T_1^8 T_2^6 - 90 c_{61} T_1^8 T_2^6 - 75 c_{64} T_1^8 T_2^6 - 280 c_{81} T_1^8 T_2^6 - 332 c_{82} T_1^8 T_2^6 - 96 c_{84} T_1^8 T_2^6 - \\
 & 176 c_{85} T_1^8 T_2^6 - 166 a_2 b_3 T_1^9 T_2^6 + 323 a_4 b_3 T_1^9 T_2^6 + 151 a_2 b_5 T_1^9 T_2^6 - 262 a_4 b_5 T_1^9 T_2^6 + \\
 & 92 c_{16} T_1^9 T_2^6 + 39 c_{19} T_1^9 T_2^6 + 92 c_{31} T_1^9 T_2^6 + 39 c_{34} T_1^9 T_2^6 + 92 c_{46} T_1^9 T_2^6 + 39 c_{49} T_1^9 T_2^6 + \\
 & 92 c_{61} T_1^9 T_2^6 + 39 c_{64} T_1^9 T_2^6 + 139 c_{81} T_1^9 T_2^6 + 190 c_{82} T_1^9 T_2^6 + 43 c_{84} T_1^9 T_2^6 + 94 c_{85} T_1^9 T_2^6 + \\
 & 147 a_2 b_3 T_1^{10} T_2^6 - 297 a_4 b_3 T_1^{10} T_2^6 - 142 a_2 b_5 T_1^{10} T_2^6 + 226 a_4 b_5 T_1^{10} T_2^6 - 78 c_{16} T_1^{10} T_2^6 - \\
 & 21 c_{19} T_1^{10} T_2^6 - 78 c_{31} T_1^{10} T_2^6 - 21 c_{34} T_1^{10} T_2^6 - 78 c_{46} T_1^{10} T_2^6 - 21 c_{49} T_1^{10} T_2^6 - 78 c_{61} T_1^{10} T_2^6 - \\
 & 21 c_{64} T_1^{10} T_2^6 - 95 c_{81} T_1^{10} T_2^6 - 74 c_{82} T_1^{10} T_2^6 - 52 c_{84} T_1^{10} T_2^6 - 32 c_{85} T_1^{10} T_2^6 - 126 a_2 b_3 T_1^{11} T_2^6 + \\
 & 280 a_4 b_3 T_1^{11} T_2^6 + 122 a_2 b_5 T_1^{11} T_2^6 - 223 a_4 b_5 T_1^{11} T_2^6 + 61 c_{16} T_1^{11} T_2^6 + 23 c_{19} T_1^{11} T_2^6 + \\
 & 61 c_{31} T_1^{11} T_2^6 + 23 c_{34} T_1^{11} T_2^6 + 61 c_{46} T_1^{11} T_2^6 + 23 c_{49} T_1^{11} T_2^6 + 61 c_{61} T_1^{11} T_2^6 + 23 c_{64} T_1^{11} T_2^6 + \\
 & 63 c_{81} T_1^{11} T_2^6 + 110 c_{82} T_1^{11} T_2^6 + 11 c_{84} T_1^{11} T_2^6 + 54 c_{85} T_1^{11} T_2^6 + 97 a_2 b_3 T_1^{12} T_2^6 - 246 a_4 b_3 T_1^{12} T_2^6 - \\
 & 99 a_2 b_5 T_1^{12} T_2^6 + 158 a_4 b_5 T_1^{12} T_2^6 - 41 c_{16} T_1^{12} T_2^6 - 9 c_{19} T_1^{12} T_2^6 - 41 c_{31} T_1^{12} T_2^6 - 9 c_{34} T_1^{12} T_2^6 - \\
 & 41 c_{46} T_1^{12} T_2^6 - 9 c_{49} T_1^{12} T_2^6 - 41 c_{61} T_1^{12} T_2^6 - 9 c_{64} T_1^{12} T_2^6 - 11 c_{81} T_1^{12} T_2^6 - 42 c_{82} T_1^{12} T_2^6 -
 \end{aligned}$$

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$$\begin{aligned}
 & 16 c_{85} T_1^{12} T_2^6 - 68 a_2 b_3 T_1^{13} T_2^6 + 211 a_4 b_3 T_1^{13} T_2^6 + 81 a_2 b_5 T_1^{13} T_2^6 - 150 a_4 b_5 T_1^{13} T_2^6 + \\
 & 18 c_{16} T_1^{13} T_2^6 + 7 c_{19} T_1^{13} T_2^6 + 18 c_{31} T_1^{13} T_2^6 + 7 c_{34} T_1^{13} T_2^6 + 18 c_{46} T_1^{13} T_2^6 + 7 c_{49} T_1^{13} T_2^6 + \\
 & 18 c_{61} T_1^{13} T_2^6 + 7 c_{64} T_1^{13} T_2^6 - 29 c_{81} T_1^{13} T_2^6 + 30 c_{82} T_1^{13} T_2^6 - 29 c_{84} T_1^{13} T_2^6 + 14 c_{85} T_1^{13} T_2^6 + \\
 & 33 a_2 b_3 T_1^{14} T_2^6 - 177 a_4 b_3 T_1^{14} T_2^6 - 48 a_2 b_5 T_1^{14} T_2^6 + 102 a_4 b_5 T_1^{14} T_2^6 + 8 c_{16} T_1^{14} T_2^6 + \\
 & 3 c_{19} T_1^{14} T_2^6 + 8 c_{31} T_1^{14} T_2^6 + 3 c_{34} T_1^{14} T_2^6 + 8 c_{46} T_1^{14} T_2^6 + 3 c_{49} T_1^{14} T_2^6 + 8 c_{61} T_1^{14} T_2^6 + \\
 & 3 c_{64} T_1^{14} T_2^6 + 89 c_{81} T_1^{14} T_2^6 - 10 c_{82} T_1^{14} T_2^6 + 60 c_{84} T_1^{14} T_2^6 + 120 a_4 b_3 T_1^{15} T_2^6 + 24 a_2 b_5 T_1^{15} T_2^6 - \\
 & 63 a_4 b_5 T_1^{15} T_2^6 - 37 c_{16} T_1^{15} T_2^6 - 9 c_{19} T_1^{15} T_2^6 - 37 c_{31} T_1^{15} T_2^6 - 9 c_{34} T_1^{15} T_2^6 - 37 c_{46} T_1^{15} T_2^6 - \\
 & 9 c_{49} T_1^{15} T_2^6 - 37 c_{61} T_1^{15} T_2^6 - 9 c_{64} T_1^{15} T_2^6 - 145 c_{81} T_1^{15} T_2^6 - 50 c_{82} T_1^{15} T_2^6 - 85 c_{84} T_1^{15} T_2^6 - \\
 & 26 c_{85} T_1^{15} T_2^6 - 24 a_2 b_3 T_1^{16} T_2^6 - 72 a_4 b_3 T_1^{16} T_2^6 + 24 a_4 b_5 T_1^{16} T_2^6 + 67 c_{16} T_1^{16} T_2^6 + \\
 & 15 c_{19} T_1^{16} T_2^6 + 67 c_{31} T_1^{16} T_2^6 + 15 c_{34} T_1^{16} T_2^6 + 67 c_{46} T_1^{16} T_2^6 + 15 c_{49} T_1^{16} T_2^6 + 67 c_{61} T_1^{16} T_2^6 + \\
 & 15 c_{64} T_1^{16} T_2^6 + 197 c_{81} T_1^{16} T_2^6 + 52 c_{82} T_1^{16} T_2^6 + 112 c_{84} T_1^{16} T_2^6 + 16 c_{85} T_1^{16} T_2^6 + 39 a_2 b_3 T_1^{17} T_2^6 + \\
 & 30 a_4 b_3 T_1^{17} T_2^6 - 9 a_2 b_5 T_1^{17} T_2^6 + 5 a_4 b_5 T_1^{17} T_2^6 - 100 c_{16} T_1^{17} T_2^6 - 21 c_{19} T_1^{17} T_2^6 - 100 c_{31} T_1^{17} T_2^6 - \\
 & 21 c_{34} T_1^{17} T_2^6 - 100 c_{46} T_1^{17} T_2^6 - 21 c_{49} T_1^{17} T_2^6 - 100 c_{61} T_1^{17} T_2^6 - 21 c_{64} T_1^{17} T_2^6 - 136 c_{81} T_1^{17} T_2^6 - \\
 & 80 c_{82} T_1^{17} T_2^6 - 24 c_{84} T_1^{17} T_2^6 - 32 c_{85} T_1^{17} T_2^6 - 36 a_2 b_3 T_1^{18} T_2^6 - 16 a_4 b_3 T_1^{18} T_2^6 + 2 a_2 b_5 T_1^{18} T_2^6 + \\
 & 4 a_4 b_5 T_1^{18} T_2^6 + 6 c_{16} T_1^{18} T_2^6 + 6 c_{19} T_1^{18} T_2^6 + 6 c_{31} T_1^{18} T_2^6 + 6 c_{34} T_1^{18} T_2^6 + 6 c_{46} T_1^{18} T_2^6 + \\
 & 6 c_{49} T_1^{18} T_2^6 + 6 c_{61} T_1^{18} T_2^6 + 6 c_{64} T_1^{18} T_2^6 + 19 c_{81} T_1^{18} T_2^6 + 23 c_{82} T_1^{18} T_2^6 - 5 c_{84} T_1^{18} T_2^6 - \\
 & c_{85} T_1^{18} T_2^6 + 30 a_2 b_3 T_1^{19} T_2^6 + 20 a_4 b_3 T_1^{19} T_2^6 - 6 a_2 b_5 T_1^{19} T_2^6 - 9 a_4 b_5 T_1^{19} T_2^6 + 8 c_{16} T_1^{19} T_2^6 + \\
 & 8 c_{31} T_1^{19} T_2^6 + 8 c_{46} T_1^{19} T_2^6 + 8 c_{61} T_1^{19} T_2^6 - 11 c_{81} T_1^{19} T_2^6 + 21 c_{82} T_1^{19} T_2^6 - 16 c_{84} T_1^{19} T_2^6 + \\
 & 24 c_{85} T_1^{19} T_2^6 - 26 a_2 b_3 T_1^{20} T_2^6 - 10 a_4 b_3 T_1^{20} T_2^6 + 4 a_2 b_5 T_1^{20} T_2^6 - 6 a_4 b_5 T_1^{20} T_2^6 + 4 c_{16} T_1^{20} T_2^6 + \\
 & 4 c_{19} T_1^{20} T_2^6 + 4 c_{31} T_1^{20} T_2^6 + 4 c_{34} T_1^{20} T_2^6 + 4 c_{46} T_1^{20} T_2^6 + 4 c_{49} T_1^{20} T_2^6 + 4 c_{61} T_1^{20} T_2^6 + \\
 & 4 c_{64} T_1^{20} T_2^6 + 11 c_{81} T_1^{20} T_2^6 + 11 c_{82} T_1^{20} T_2^6 - 5 c_{84} T_1^{20} T_2^6 - 5 c_{85} T_1^{20} T_2^6 + 19 a_2 b_3 T_1^{21} T_2^6 + \\
 & 8 a_4 b_3 T_1^{21} T_2^6 - 3 a_2 b_5 T_1^{21} T_2^6 - 13 a_4 b_5 T_1^{21} T_2^6 + 12 c_{16} T_1^{21} T_2^6 + 12 c_{31} T_1^{21} T_2^6 + 12 c_{46} T_1^{21} T_2^6 + \\
 & 12 c_{61} T_1^{21} T_2^6 - 3 c_{81} T_1^{21} T_2^6 + 9 c_{82} T_1^{21} T_2^6 - 8 c_{84} T_1^{21} T_2^6 + 16 c_{85} T_1^{21} T_2^6 - 14 a_2 b_3 T_1^{22} T_2^6 - \\
 & 2 a_4 b_3 T_1^{22} T_2^6 + 6 a_2 b_5 T_1^{22} T_2^6 - 6 a_4 b_5 T_1^{22} T_2^6 + 2 c_{16} T_1^{22} T_2^6 + 2 c_{19} T_1^{22} T_2^6 + 2 c_{31} T_1^{22} T_2^6 + \\
 & 2 c_{34} T_1^{22} T_2^6 + 2 c_{46} T_1^{22} T_2^6 + 2 c_{49} T_1^{22} T_2^6 + 2 c_{61} T_1^{22} T_2^6 + 2 c_{64} T_1^{22} T_2^6 + 3 c_{81} T_1^{22} T_2^6 - c_{82} T_1^{22} T_2^6 - \\
 & 5 c_{84} T_1^{22} T_2^6 - 9 c_{85} T_1^{22} T_2^6 + 6 a_2 b_3 T_1^{23} T_2^6 - 6 a_4 b_3 T_1^{23} T_2^6 + 16 c_{16} T_1^{23} T_2^6 + 16 c_{31} T_1^{23} T_2^6 + \\
 & 16 c_{46} T_1^{23} T_2^6 + 16 c_{61} T_1^{23} T_2^6 + 5 c_{81} T_1^{23} T_2^6 - 3 c_{82} T_1^{23} T_2^6 + 8 c_{85} T_1^{23} T_2^6 - 13 c_{82} T_1^{24} T_2^6 - \\
 & 13 c_{85} T_1^{24} T_2^6 - 7 a_2 b_3 T_2^7 + 6 a_4 b_3 T_2^7 + 13 a_2 b_5 T_2^7 - 11 a_4 b_5 T_2^7 + 28 c_{19} T_2^7 + 28 c_{34} T_2^7 + \\
 & 28 c_{49} T_2^7 + 28 c_{64} T_2^7 + 28 c_{81} T_2^7 + 113 c_{82} T_2^7 + 28 c_{84} T_2^7 + 64 c_{85} T_2^7 + 22 a_2 b_3 T_1 T_2^7 - \\
 & 32 a_4 b_3 T_1 T_2^7 - 28 a_2 b_5 T_1 T_2^7 + 48 a_4 b_5 T_1 T_2^7 - 15 c_{16} T_1 T_2^7 - 42 c_{19} T_1 T_2^7 - 15 c_{31} T_1 T_2^7 - \\
 & 42 c_{34} T_1 T_2^7 - 15 c_{46} T_1 T_2^7 - 42 c_{49} T_1 T_2^7 - 15 c_{61} T_1 T_2^7 - 42 c_{64} T_1 T_2^7 - 68 c_{81} T_1 T_2^7 - \\
 & 197 c_{82} T_1 T_2^7 - 40 c_{84} T_1 T_2^7 - 109 c_{85} T_1 T_2^7 - 42 a_2 b_3 T_1^2 T_2^7 + 64 a_4 b_3 T_1^2 T_2^7 + 50 a_2 b_5 T_1^2 T_2^7 - \\
 & 70 a_4 b_5 T_1^2 T_2^7 + 19 c_{16} T_1^2 T_2^7 + 44 c_{19} T_1^2 T_2^7 + 19 c_{31} T_1^2 T_2^7 + 44 c_{34} T_1^2 T_2^7 + 19 c_{46} T_1^2 T_2^7 + \\
 & 44 c_{49} T_1^2 T_2^7 + 19 c_{61} T_1^2 T_2^7 + 44 c_{64} T_1^2 T_2^7 + 104 c_{81} T_1^2 T_2^7 + 189 c_{82} T_1^2 T_2^7 + 64 c_{84} T_1^2 T_2^7 + \\
 & 104 c_{85} T_1^2 T_2^7 + 68 a_2 b_3 T_1^3 T_2^7 - 108 a_4 b_3 T_1^3 T_2^7 - 76 a_2 b_5 T_1^3 T_2^7 + 128 a_4 b_5 T_1^3 T_2^7 - \\
 & 34 c_{16} T_1^3 T_2^7 - 56 c_{19} T_1^3 T_2^7 - 34 c_{31} T_1^3 T_2^7 - 56 c_{34} T_1^3 T_2^7 - 34 c_{46} T_1^3 T_2^7 - 56 c_{49} T_1^3 T_2^7 - \\
 & 34 c_{61} T_1^3 T_2^7 - 56 c_{64} T_1^3 T_2^7 - 152 c_{81} T_1^3 T_2^7 - 249 c_{82} T_1^3 T_2^7 - 88 c_{84} T_1^3 T_2^7 - 137 c_{85} T_1^3 T_2^7 - \\
 & 97 a_2 b_3 T_1^4 T_2^7 + 158 a_4 b_3 T_1^4 T_2^7 + 103 a_2 b_5 T_1^4 T_2^7 - 161 a_4 b_5 T_1^4 T_2^7 + 42 c_{16} T_1^4 T_2^7 + \\
 & 60 c_{19} T_1^4 T_2^7 + 42 c_{31} T_1^4 T_2^7 + 60 c_{34} T_1^4 T_2^7 + 42 c_{46} T_1^4 T_2^7 + 60 c_{49} T_1^4 T_2^7 + 42 c_{61} T_1^4 T_2^7 + \\
 & 60 c_{64} T_1^4 T_2^7 + 196 c_{81} T_1^4 T_2^7 + 265 c_{82} T_1^4 T_2^7 + 108 c_{84} T_1^4 T_2^7 + 144 c_{85} T_1^4 T_2^7 + 130 a_2 b_3 T_1^5 T_2^7 - \\
 & 212 a_4 b_3 T_1^5 T_2^7 - 136 a_2 b_5 T_1^5 T_2^7 + 224 a_4 b_5 T_1^5 T_2^7 - 57 c_{16} T_1^5 T_2^7 - 70 c_{19} T_1^5 T_2^7 - 57 c_{31} T_1^5 T_2^7 - \\
 & 70 c_{34} T_1^5 T_2^7 - 57 c_{46} T_1^5 T_2^7 - 70 c_{49} T_1^5 T_2^7 - 57 c_{61} T_1^5 T_2^7 - 70 c_{64} T_1^5 T_2^7 - 252 c_{81} T_1^5 T_2^7 - \\
 & 301 c_{82} T_1^5 T_2^7 - 144 c_{84} T_1^5 T_2^7 - 165 c_{85} T_1^5 T_2^7 - 164 a_2 b_3 T_1^6 T_2^7 + 272 a_4 b_3 T_1^6 T_2^7 + \\
 & 164 a_2 b_5 T_1^6 T_2^7 - 272 a_4 b_5 T_1^6 T_2^7 + 69 c_{16} T_1^6 T_2^7 + 76 c_{19} T_1^6 T_2^7 + 69 c_{31} T_1^6 T_2^7 + 76 c_{34} T_1^6 T_2^7 + \\
 & 69 c_{46} T_1^6 T_2^7 + 76 c_{49} T_1^6 T_2^7 + 69 c_{61} T_1^6 T_2^7 + 76 c_{64} T_1^6 T_2^7 + 304 c_{81} T_1^6 T_2^7 + 341 c_{82} T_1^6 T_2^7 + \\
 & 160 c_{84} T_1^6 T_2^7 + 184 c_{85} T_1^6 T_2^7 + 200 a_2 b_3 T_1^7 T_2^7 - 324 a_4 b_3 T_1^7 T_2^7 - 196 a_2 b_5 T_1^7 T_2^7 + \\
 & 324 a_4 b_5 T_1^7 T_2^7 - 84 c_{16} T_1^7 T_2^7 - 84 c_{19} T_1^7 T_2^7 - 84 c_{31} T_1^7 T_2^7 - 84 c_{34} T_1^7 T_2^7 - 84 c_{46} T_1^7 T_2^7 - \\
 & 84 c_{49} T_1^7 T_2^7 - 84 c_{61} T_1^7 T_2^7 - 84 c_{64} T_1^7 T_2^7 - 353 c_{81} T_1^7 T_2^7 - 353 c_{82} T_1^7 T_2^7 - 193 c_{84} T_1^7 T_2^7 - \\
 & 193 c_{85} T_1^7 T_2^7 - 228 a_2 b_3 T_1^8 T_2^7 + 371 a_4 b_3 T_1^8 T_2^7 + 207 a_2 b_5 T_1^8 T_2^7 - 361 a_4 b_5 T_1^8 T_2^7 + \\
 & 100 c_{16} T_1^8 T_2^7 + 92 c_{19} T_1^8 T_2^7 + 100 c_{31} T_1^8 T_2^7 + 92 c_{34} T_1^8 T_2^7 + 100 c_{46} T_1^8 T_2^7 + 92 c_{49} T_1^8 T_2^7 +
 \end{aligned}$$

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$$\begin{aligned}
 &100 c_{61} T_1^8 T_2^7 + 92 c_{64} T_1^8 T_2^7 + 286 c_{81} T_1^8 T_2^7 + 400 c_{82} T_1^8 T_2^7 + 93 c_{84} T_1^8 T_2^7 + 224 c_{85} T_1^8 T_2^7 + \\
 &227 a_2 b_3 T_1^9 T_2^7 - 373 a_4 b_3 T_1^9 T_2^7 - 186 a_2 b_5 T_1^9 T_2^7 + 335 a_4 b_5 T_1^9 T_2^7 - 102 c_{16} T_1^9 T_2^7 - \\
 &44 c_{19} T_1^9 T_2^7 - 102 c_{31} T_1^9 T_2^7 - 44 c_{34} T_1^9 T_2^7 - 102 c_{46} T_1^9 T_2^7 - 44 c_{49} T_1^9 T_2^7 - 102 c_{61} T_1^9 T_2^7 - \\
 &44 c_{64} T_1^9 T_2^7 - 131 c_{81} T_1^9 T_2^7 - 206 c_{82} T_1^9 T_2^7 - 38 c_{84} T_1^9 T_2^7 - 112 c_{85} T_1^9 T_2^7 - 216 a_2 b_3 T_1^{10} T_2^7 + \\
 &333 a_4 b_3 T_1^{10} T_2^7 + 177 a_2 b_5 T_1^{10} T_2^7 - 295 a_4 b_5 T_1^{10} T_2^7 + 86 c_{16} T_1^{10} T_2^7 + 24 c_{19} T_1^{10} T_2^7 + \\
 &86 c_{31} T_1^{10} T_2^7 + 24 c_{34} T_1^{10} T_2^7 + 86 c_{46} T_1^{10} T_2^7 + 24 c_{49} T_1^{10} T_2^7 + 86 c_{61} T_1^{10} T_2^7 + 24 c_{64} T_1^{10} T_2^7 + \\
 &91 c_{81} T_1^{10} T_2^7 + 70 c_{82} T_1^{10} T_2^7 + 53 c_{84} T_1^{10} T_2^7 + 38 c_{85} T_1^{10} T_2^7 + 203 a_2 b_3 T_1^{11} T_2^7 - 303 a_4 b_3 T_1^{11} T_2^7 - \\
 &152 a_2 b_5 T_1^{11} T_2^7 + 288 a_4 b_5 T_1^{11} T_2^7 - 67 c_{16} T_1^{11} T_2^7 - 28 c_{19} T_1^{11} T_2^7 - 67 c_{31} T_1^{11} T_2^7 - 28 c_{34} T_1^{11} T_2^7 - \\
 &67 c_{46} T_1^{11} T_2^7 - 28 c_{49} T_1^{11} T_2^7 - 67 c_{61} T_1^{11} T_2^7 - 28 c_{64} T_1^{11} T_2^7 - 63 c_{81} T_1^{11} T_2^7 - 118 c_{82} T_1^{11} T_2^7 - \\
 &10 c_{84} T_1^{11} T_2^7 - 64 c_{85} T_1^{11} T_2^7 - 182 a_2 b_3 T_1^{12} T_2^7 + 249 a_4 b_3 T_1^{12} T_2^7 + 127 a_2 b_5 T_1^{12} T_2^7 - \\
 &207 a_4 b_5 T_1^{12} T_2^7 + 45 c_{16} T_1^{12} T_2^7 + 12 c_{19} T_1^{12} T_2^7 + 45 c_{31} T_1^{12} T_2^7 + 12 c_{34} T_1^{12} T_2^7 + 45 c_{46} T_1^{12} T_2^7 + \\
 &12 c_{49} T_1^{12} T_2^7 + 45 c_{61} T_1^{12} T_2^7 + 12 c_{64} T_1^{12} T_2^7 + 15 c_{81} T_1^{12} T_2^7 + 30 c_{82} T_1^{12} T_2^7 + 5 c_{84} T_1^{12} T_2^7 + \\
 &14 c_{85} T_1^{12} T_2^7 + 161 a_2 b_3 T_1^{13} T_2^7 - 195 a_4 b_3 T_1^{13} T_2^7 - 102 a_2 b_5 T_1^{13} T_2^7 + 199 a_4 b_5 T_1^{13} T_2^7 - \\
 &20 c_{16} T_1^{13} T_2^7 - 12 c_{19} T_1^{13} T_2^7 - 20 c_{31} T_1^{13} T_2^7 - 12 c_{34} T_1^{13} T_2^7 - 20 c_{46} T_1^{13} T_2^7 - 12 c_{49} T_1^{13} T_2^7 - \\
 &20 c_{61} T_1^{13} T_2^7 - 12 c_{64} T_1^{13} T_2^7 + 21 c_{81} T_1^{13} T_2^7 - 30 c_{82} T_1^{13} T_2^7 + 26 c_{84} T_1^{13} T_2^7 - 16 c_{85} T_1^{13} T_2^7 - \\
 &134 a_2 b_3 T_1^{14} T_2^7 + 135 a_4 b_3 T_1^{14} T_2^7 + 65 a_2 b_5 T_1^{14} T_2^7 - 113 a_4 b_5 T_1^{14} T_2^7 - 8 c_{16} T_1^{14} T_2^7 - \\
 &8 c_{31} T_1^{14} T_2^7 - 8 c_{46} T_1^{14} T_2^7 - 8 c_{61} T_1^{14} T_2^7 - 77 c_{81} T_1^{14} T_2^7 - 10 c_{82} T_1^{14} T_2^7 - 51 c_{84} T_1^{14} T_2^7 - \\
 &10 c_{85} T_1^{14} T_2^7 + 109 a_2 b_3 T_1^{15} T_2^7 - 65 a_4 b_3 T_1^{15} T_2^7 - 44 a_2 b_5 T_1^{15} T_2^7 + 72 a_4 b_5 T_1^{15} T_2^7 + \\
 &39 c_{16} T_1^{15} T_2^7 + 4 c_{19} T_1^{15} T_2^7 + 39 c_{31} T_1^{15} T_2^7 + 4 c_{34} T_1^{15} T_2^7 + 39 c_{46} T_1^{15} T_2^7 + 4 c_{49} T_1^{15} T_2^7 + \\
 &39 c_{61} T_1^{15} T_2^7 + 4 c_{64} T_1^{15} T_2^7 + 121 c_{81} T_1^{15} T_2^7 + 58 c_{82} T_1^{15} T_2^7 + 70 c_{84} T_1^{15} T_2^7 + 32 c_{85} T_1^{15} T_2^7 - \\
 &80 a_2 b_3 T_1^{16} T_2^7 + 20 a_4 b_3 T_1^{16} T_2^7 + 12 a_2 b_5 T_1^{16} T_2^7 - 20 a_4 b_5 T_1^{16} T_2^7 - 73 c_{16} T_1^{16} T_2^7 - \\
 &12 c_{19} T_1^{16} T_2^7 - 73 c_{31} T_1^{16} T_2^7 - 12 c_{34} T_1^{16} T_2^7 - 73 c_{46} T_1^{16} T_2^7 - 12 c_{49} T_1^{16} T_2^7 - 73 c_{61} T_1^{16} T_2^7 - \\
 &12 c_{64} T_1^{16} T_2^7 - 173 c_{81} T_1^{16} T_2^7 - 50 c_{82} T_1^{16} T_2^7 - 103 c_{84} T_1^{16} T_2^7 - 34 c_{85} T_1^{16} T_2^7 + 52 a_2 b_3 T_1^{17} T_2^7 + \\
 &27 a_4 b_3 T_1^{17} T_2^7 - a_2 b_5 T_1^{17} T_2^7 - 17 a_4 b_5 T_1^{17} T_2^7 + 112 c_{16} T_1^{17} T_2^7 + 20 c_{19} T_1^{17} T_2^7 + 112 c_{31} T_1^{17} T_2^7 + \\
 &20 c_{34} T_1^{17} T_2^7 + 112 c_{46} T_1^{17} T_2^7 + 20 c_{49} T_1^{17} T_2^7 + 112 c_{61} T_1^{17} T_2^7 + 20 c_{64} T_1^{17} T_2^7 + 106 c_{81} T_1^{17} T_2^7 + \\
 &112 c_{82} T_1^{17} T_2^7 + 3 c_{84} T_1^{17} T_2^7 + 80 c_{85} T_1^{17} T_2^7 - 46 a_2 b_3 T_1^{18} T_2^7 - 35 a_4 b_3 T_1^{18} T_2^7 + 9 a_2 b_5 T_1^{18} T_2^7 + \\
 &2 a_4 b_5 T_1^{18} T_2^7 - 4 c_{16} T_1^{18} T_2^7 - 4 c_{31} T_1^{18} T_2^7 - 4 c_{46} T_1^{18} T_2^7 - 4 c_{61} T_1^{18} T_2^7 + 21 c_{81} T_1^{18} T_2^7 - \\
 &31 c_{82} T_1^{18} T_2^7 + 24 c_{84} T_1^{18} T_2^7 - 32 c_{85} T_1^{18} T_2^7 + 42 a_2 b_3 T_1^{19} T_2^7 + 21 a_4 b_3 T_1^{19} T_2^7 - 3 a_2 b_5 T_1^{19} T_2^7 + \\
 &a_4 b_5 T_1^{19} T_2^7 - 6 c_{16} T_1^{19} T_2^7 - 6 c_{19} T_1^{19} T_2^7 - 6 c_{31} T_1^{19} T_2^7 - 6 c_{34} T_1^{19} T_2^7 - 6 c_{46} T_1^{19} T_2^7 - 6 c_{49} T_1^{19} T_2^7 - \\
 &6 c_{61} T_1^{19} T_2^7 - 6 c_{64} T_1^{19} T_2^7 - 21 c_{81} T_1^{19} T_2^7 - 21 c_{82} T_1^{19} T_2^7 + 3 c_{84} T_1^{19} T_2^7 + 3 c_{85} T_1^{19} T_2^7 - \\
 &35 a_2 b_3 T_1^{20} T_2^7 - 23 a_4 b_3 T_1^{20} T_2^7 + 6 a_2 b_5 T_1^{20} T_2^7 + 14 a_4 b_5 T_1^{20} T_2^7 - 8 c_{16} T_1^{20} T_2^7 - 8 c_{31} T_1^{20} T_2^7 - \\
 &8 c_{46} T_1^{20} T_2^7 - 8 c_{61} T_1^{20} T_2^7 + 13 c_{81} T_1^{20} T_2^7 - 19 c_{82} T_1^{20} T_2^7 + 16 c_{84} T_1^{20} T_2^7 - 24 c_{85} T_1^{20} T_2^7 + \\
 &30 a_2 b_3 T_1^{21} T_2^7 + 13 a_4 b_3 T_1^{21} T_2^7 - 5 a_2 b_5 T_1^{21} T_2^7 + 9 a_4 b_5 T_1^{21} T_2^7 - 4 c_{16} T_1^{21} T_2^7 - 4 c_{19} T_1^{21} T_2^7 - \\
 &4 c_{31} T_1^{21} T_2^7 - 4 c_{34} T_1^{21} T_2^7 - 4 c_{46} T_1^{21} T_2^7 - 4 c_{49} T_1^{21} T_2^7 - 4 c_{61} T_1^{21} T_2^7 - 4 c_{64} T_1^{21} T_2^7 - \\
 &13 c_{81} T_1^{21} T_2^7 - 9 c_{82} T_1^{21} T_2^7 + 3 c_{84} T_1^{21} T_2^7 + 7 c_{85} T_1^{21} T_2^7 - 22 a_2 b_3 T_1^{22} T_2^7 - 9 a_4 b_3 T_1^{22} T_2^7 + \\
 &3 a_2 b_5 T_1^{22} T_2^7 + 16 a_4 b_5 T_1^{22} T_2^7 - 12 c_{16} T_1^{22} T_2^7 - 12 c_{31} T_1^{22} T_2^7 - 12 c_{46} T_1^{22} T_2^7 - 12 c_{61} T_1^{22} T_2^7 + \\
 &5 c_{81} T_1^{22} T_2^7 - 7 c_{82} T_1^{22} T_2^7 + 8 c_{84} T_1^{22} T_2^7 - 16 c_{85} T_1^{22} T_2^7 + 16 a_2 b_3 T_1^{23} T_2^7 + 3 a_4 b_3 T_1^{23} T_2^7 - \\
 &7 a_2 b_5 T_1^{23} T_2^7 + 7 a_4 b_5 T_1^{23} T_2^7 - 2 c_{16} T_1^{23} T_2^7 - 2 c_{19} T_1^{23} T_2^7 - 2 c_{31} T_1^{23} T_2^7 - 2 c_{34} T_1^{23} T_2^7 - \\
 &2 c_{46} T_1^{23} T_2^7 - 2 c_{49} T_1^{23} T_2^7 - 2 c_{61} T_1^{23} T_2^7 - 2 c_{64} T_1^{23} T_2^7 - 5 c_{81} T_1^{23} T_2^7 + 3 c_{82} T_1^{23} T_2^7 + \\
 &3 c_{84} T_1^{23} T_2^7 + 11 c_{85} T_1^{23} T_2^7 - 7 a_2 b_3 T_1^{24} T_2^7 + 7 a_4 b_3 T_1^{24} T_2^7 - 16 c_{16} T_1^{24} T_2^7 - 16 c_{31} T_1^{24} T_2^7 - \\
 &16 c_{46} T_1^{24} T_2^7 - 16 c_{61} T_1^{24} T_2^7 - 3 c_{81} T_1^{24} T_2^7 + 5 c_{82} T_1^{24} T_2^7 - 8 c_{84} T_1^{24} T_2^7 + 15 c_{85} T_1^{24} T_2^7 + \\
 &15 c_{85} T_1^{25} T_2^7 + 8 a_2 b_3 T_2^8 - 7 a_4 b_3 T_2^8 - 15 a_2 b_5 T_2^8 + 13 a_4 b_5 T_2^8 - 36 c_{19} T_2^8 - 36 c_{34} T_2^8 - \\
 &36 c_{49} T_2^8 - 36 c_{64} T_2^8 - 32 c_{81} T_2^8 - 136 c_{82} T_2^8 - 32 c_{84} T_2^8 - 72 c_{85} T_2^8 - 25 a_2 b_3 T_1 T_2^8 + \\
 &37 a_4 b_3 T_1 T_2^8 + 32 a_2 b_5 T_1 T_2^8 - 56 a_4 b_5 T_1 T_2^8 + 17 c_{16} T_1 T_2^8 + 52 c_{19} T_1 T_2^8 + 17 c_{31} T_1 T_2^8 + \\
 &52 c_{34} T_1 T_2^8 + 17 c_{46} T_1 T_2^8 + 52 c_{49} T_1 T_2^8 + 17 c_{61} T_1 T_2^8 + 52 c_{64} T_1 T_2^8 + 76 c_{81} T_1 T_2^8 + \\
 &214 c_{82} T_1 T_2^8 + 44 c_{84} T_1 T_2^8 + 105 c_{85} T_1 T_2^8 + 48 a_2 b_3 T_1^2 T_2^8 - 74 a_4 b_3 T_1^2 T_2^8 - 58 a_2 b_5 T_1^2 T_2^8 + \\
 &82 a_4 b_5 T_1^2 T_2^8 - 21 c_{16} T_1^2 T_2^8 - 54 c_{19} T_1^2 T_2^8 - 21 c_{31} T_1^2 T_2^8 - 54 c_{34} T_1^2 T_2^8 - 21 c_{46} T_1^2 T_2^8 - \\
 &54 c_{49} T_1^2 T_2^8 - 21 c_{61} T_1^2 T_2^8 - 54 c_{64} T_1^2 T_2^8 - 116 c_{81} T_1^2 T_2^8 - 184 c_{82} T_1^2 T_2^8 - 72 c_{84} T_1^2 T_2^8 - \\
 &80 c_{85} T_1^2 T_2^8 - 78 a_2 b_3 T_1^3 T_2^8 + 126 a_4 b_3 T_1^3 T_2^8 + 88 a_2 b_5 T_1^3 T_2^8 - 152 a_4 b_5 T_1^3 T_2^8 + \\
 &38 c_{16} T_1^3 T_2^8 + 68 c_{19} T_1^3 T_2^8 + 38 c_{31} T_1^3 T_2^8 + 68 c_{34} T_1^3 T_2^8 + 38 c_{46} T_1^3 T_2^8 + 68 c_{49} T_1^3 T_2^8 +
 \end{aligned}$$

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$$\begin{aligned}
 & 38 c_{61} T_1^3 T_2^8 + 68 c_{64} T_1^3 T_2^8 + 168 c_{81} T_1^3 T_2^8 + 238 c_{82} T_1^3 T_2^8 + 96 c_{84} T_1^3 T_2^8 + 101 c_{85} T_1^3 T_2^8 + \\
 & 112 a_2 b_3 T_1^4 T_2^8 - 185 a_4 b_3 T_1^4 T_2^8 - 121 a_2 b_5 T_1^4 T_2^8 + 191 a_4 b_5 T_1^4 T_2^8 - 46 c_{16} T_1^4 T_2^8 - \\
 & 72 c_{19} T_1^4 T_2^8 - 46 c_{31} T_1^4 T_2^8 - 72 c_{34} T_1^4 T_2^8 - 46 c_{46} T_1^4 T_2^8 - 72 c_{49} T_1^4 T_2^8 - 46 c_{61} T_1^4 T_2^8 - \\
 & 72 c_{64} T_1^4 T_2^8 - 216 c_{81} T_1^4 T_2^8 - 232 c_{82} T_1^4 T_2^8 - 120 c_{84} T_1^4 T_2^8 - 88 c_{85} T_1^4 T_2^8 - 151 a_2 b_3 T_1^5 T_2^8 + \\
 & 251 a_4 b_3 T_1^5 T_2^8 + 160 a_2 b_5 T_1^5 T_2^8 - 272 a_4 b_5 T_1^5 T_2^8 + 63 c_{16} T_1^5 T_2^8 + 84 c_{19} T_1^5 T_2^8 + 63 c_{31} T_1^5 T_2^8 + \\
 & 84 c_{34} T_1^5 T_2^8 + 63 c_{46} T_1^5 T_2^8 + 84 c_{49} T_1^5 T_2^8 + 63 c_{61} T_1^5 T_2^8 + 84 c_{64} T_1^5 T_2^8 + 276 c_{81} T_1^5 T_2^8 + \\
 & 262 c_{82} T_1^5 T_2^8 + 156 c_{84} T_1^5 T_2^8 + 97 c_{85} T_1^5 T_2^8 + 192 a_2 b_3 T_1^6 T_2^8 - 324 a_4 b_3 T_1^6 T_2^8 - \\
 & 196 a_2 b_5 T_1^6 T_2^8 + 324 a_4 b_5 T_1^6 T_2^8 - 75 c_{16} T_1^6 T_2^8 - 90 c_{19} T_1^6 T_2^8 - 75 c_{31} T_1^6 T_2^8 - 90 c_{34} T_1^6 T_2^8 - \\
 & 75 c_{46} T_1^6 T_2^8 - 90 c_{49} T_1^6 T_2^8 - 75 c_{61} T_1^6 T_2^8 - 90 c_{64} T_1^6 T_2^8 - 332 c_{81} T_1^6 T_2^8 - 280 c_{82} T_1^6 T_2^8 - \\
 & 176 c_{84} T_1^6 T_2^8 - 96 c_{85} T_1^6 T_2^8 - 236 a_2 b_3 T_1^7 T_2^8 + 396 a_4 b_3 T_1^7 T_2^8 + 240 a_2 b_5 T_1^7 T_2^8 - \\
 & 396 a_4 b_5 T_1^7 T_2^8 + 92 c_{16} T_1^7 T_2^8 + 100 c_{19} T_1^7 T_2^8 + 92 c_{31} T_1^7 T_2^8 + 100 c_{34} T_1^7 T_2^8 + 92 c_{46} T_1^7 T_2^8 + \\
 & 100 c_{49} T_1^7 T_2^8 + 92 c_{61} T_1^7 T_2^8 + 100 c_{64} T_1^7 T_2^8 + 400 c_{81} T_1^7 T_2^8 + 286 c_{82} T_1^7 T_2^8 + 224 c_{84} T_1^7 T_2^8 + \\
 & 93 c_{85} T_1^7 T_2^8 + 264 a_2 b_3 T_1^8 T_2^8 - 468 a_4 b_3 T_1^8 T_2^8 - 252 a_2 b_5 T_1^8 T_2^8 + 443 a_4 b_5 T_1^8 T_2^8 - \\
 & 108 c_{16} T_1^8 T_2^8 - 108 c_{19} T_1^8 T_2^8 - 108 c_{31} T_1^8 T_2^8 - 108 c_{34} T_1^8 T_2^8 - 108 c_{46} T_1^8 T_2^8 - 108 c_{49} T_1^8 T_2^8 - \\
 & 108 c_{61} T_1^8 T_2^8 - 108 c_{64} T_1^8 T_2^8 - 328 c_{81} T_1^8 T_2^8 - 328 c_{82} T_1^8 T_2^8 - 104 c_{84} T_1^8 T_2^8 - 104 c_{85} T_1^8 T_2^8 - \\
 & 252 a_2 b_3 T_1^9 T_2^8 + 479 a_4 b_3 T_1^9 T_2^8 + 227 a_2 b_5 T_1^9 T_2^8 - 409 a_4 b_5 T_1^9 T_2^8 + 108 c_{16} T_1^9 T_2^8 + \\
 & 44 c_{19} T_1^9 T_2^8 + 108 c_{31} T_1^9 T_2^8 + 44 c_{34} T_1^9 T_2^8 + 108 c_{46} T_1^9 T_2^8 + 44 c_{49} T_1^9 T_2^8 + 108 c_{61} T_1^9 T_2^8 + \\
 & 44 c_{64} T_1^9 T_2^8 + 143 c_{81} T_1^9 T_2^8 + 48 c_{82} T_1^9 T_2^8 + 39 c_{84} T_1^9 T_2^8 - 64 c_{85} T_1^9 T_2^8 + 228 a_2 b_3 T_1^{10} T_2^8 - \\
 & 443 a_4 b_3 T_1^{10} T_2^8 - 217 a_2 b_5 T_1^{10} T_2^8 + 367 a_4 b_5 T_1^{10} T_2^8 - 88 c_{16} T_1^{10} T_2^8 - 20 c_{19} T_1^{10} T_2^8 - \\
 & 88 c_{31} T_1^{10} T_2^8 - 20 c_{34} T_1^{10} T_2^8 - 88 c_{46} T_1^{10} T_2^8 - 20 c_{49} T_1^{10} T_2^8 - 88 c_{61} T_1^{10} T_2^8 - 20 c_{64} T_1^{10} T_2^8 - \\
 & 91 c_{81} T_1^{10} T_2^8 + 108 c_{82} T_1^{10} T_2^8 - 52 c_{84} T_1^{10} T_2^8 + 146 c_{85} T_1^{10} T_2^8 - 200 a_2 b_3 T_1^{11} T_2^8 + \\
 & 420 a_4 b_3 T_1^{11} T_2^8 + 186 a_2 b_5 T_1^{11} T_2^8 - 356 a_4 b_5 T_1^{11} T_2^8 + 65 c_{16} T_1^{11} T_2^8 + 24 c_{19} T_1^{11} T_2^8 + \\
 & 65 c_{31} T_1^{11} T_2^8 + 24 c_{34} T_1^{11} T_2^8 + 65 c_{46} T_1^{11} T_2^8 + 24 c_{49} T_1^{11} T_2^8 + 65 c_{61} T_1^{11} T_2^8 + 24 c_{64} T_1^{11} T_2^8 + \\
 & 51 c_{81} T_1^{11} T_2^8 - 48 c_{82} T_1^{11} T_2^8 - c_{84} T_1^{11} T_2^8 - 112 c_{85} T_1^{11} T_2^8 + 162 a_2 b_3 T_1^{12} T_2^8 - 368 a_4 b_3 T_1^{12} T_2^8 - \\
 & 158 a_2 b_5 T_1^{12} T_2^8 + 261 a_4 b_5 T_1^{12} T_2^8 - 39 c_{16} T_1^{12} T_2^8 - 4 c_{19} T_1^{12} T_2^8 - 39 c_{31} T_1^{12} T_2^8 - 4 c_{34} T_1^{12} T_2^8 - \\
 & 39 c_{46} T_1^{12} T_2^8 - 4 c_{49} T_1^{12} T_2^8 - 39 c_{61} T_1^{12} T_2^8 - 4 c_{64} T_1^{12} T_2^8 + 9 c_{81} T_1^{12} T_2^8 + 156 c_{82} T_1^{12} T_2^8 + \\
 & 8 c_{84} T_1^{12} T_2^8 + 170 c_{85} T_1^{12} T_2^8 - 122 a_2 b_3 T_1^{13} T_2^8 + 319 a_4 b_3 T_1^{13} T_2^8 + 125 a_2 b_5 T_1^{13} T_2^8 - \\
 & 253 a_4 b_5 T_1^{13} T_2^8 + 10 c_{16} T_1^{13} T_2^8 + 4 c_{19} T_1^{13} T_2^8 + 10 c_{31} T_1^{13} T_2^8 + 4 c_{34} T_1^{13} T_2^8 + 10 c_{46} T_1^{13} T_2^8 + \\
 & 4 c_{49} T_1^{13} T_2^8 + 10 c_{61} T_1^{13} T_2^8 + 4 c_{64} T_1^{13} T_2^8 - 57 c_{81} T_1^{13} T_2^8 - 144 c_{82} T_1^{13} T_2^8 - 49 c_{84} T_1^{13} T_2^8 - \\
 & 160 c_{85} T_1^{13} T_2^8 + 74 a_2 b_3 T_1^{14} T_2^8 - 259 a_4 b_3 T_1^{14} T_2^8 - 83 a_2 b_5 T_1^{14} T_2^8 + 141 a_4 b_5 T_1^{14} T_2^8 + \\
 & 22 c_{16} T_1^{14} T_2^8 + 12 c_{19} T_1^{14} T_2^8 + 22 c_{31} T_1^{14} T_2^8 + 12 c_{34} T_1^{14} T_2^8 + 22 c_{46} T_1^{14} T_2^8 + 12 c_{49} T_1^{14} T_2^8 + \\
 & 22 c_{61} T_1^{14} T_2^8 + 12 c_{64} T_1^{14} T_2^8 + 125 c_{81} T_1^{14} T_2^8 + 204 c_{82} T_1^{14} T_2^8 + 76 c_{84} T_1^{14} T_2^8 + 194 c_{85} T_1^{14} T_2^8 - \\
 & 26 a_2 b_3 T_1^{15} T_2^8 + 192 a_4 b_3 T_1^{15} T_2^8 + 52 a_2 b_5 T_1^{15} T_2^8 - 116 a_4 b_5 T_1^{15} T_2^8 - 57 c_{16} T_1^{15} T_2^8 - \\
 & 16 c_{19} T_1^{15} T_2^8 - 57 c_{31} T_1^{15} T_2^8 - 16 c_{34} T_1^{15} T_2^8 - 57 c_{46} T_1^{15} T_2^8 - 16 c_{49} T_1^{15} T_2^8 - 57 c_{61} T_1^{15} T_2^8 - \\
 & 16 c_{64} T_1^{15} T_2^8 - 181 c_{81} T_1^{15} T_2^8 - 240 c_{82} T_1^{15} T_2^8 - 105 c_{84} T_1^{15} T_2^8 - 208 c_{85} T_1^{15} T_2^8 - \\
 & 28 a_2 b_3 T_1^{16} T_2^8 - 132 a_4 b_3 T_1^{16} T_2^8 + 36 a_4 b_5 T_1^{16} T_2^8 + 95 c_{16} T_1^{16} T_2^8 + 28 c_{19} T_1^{16} T_2^8 + \\
 & 95 c_{31} T_1^{16} T_2^8 + 28 c_{34} T_1^{16} T_2^8 + 95 c_{46} T_1^{16} T_2^8 + 28 c_{49} T_1^{16} T_2^8 + 95 c_{61} T_1^{16} T_2^8 + 28 c_{64} T_1^{16} T_2^8 + \\
 & 257 c_{81} T_1^{16} T_2^8 + 252 c_{82} T_1^{16} T_2^8 + 152 c_{84} T_1^{16} T_2^8 + 218 c_{85} T_1^{16} T_2^8 + 64 a_2 b_3 T_1^{17} T_2^8 + \\
 & 52 a_4 b_3 T_1^{17} T_2^8 - 12 a_2 b_5 T_1^{17} T_2^8 + 11 a_4 b_5 T_1^{17} T_2^8 - 136 c_{16} T_1^{17} T_2^8 - 36 c_{19} T_1^{17} T_2^8 - \\
 & 136 c_{31} T_1^{17} T_2^8 - 36 c_{34} T_1^{17} T_2^8 - 136 c_{46} T_1^{17} T_2^8 - 36 c_{49} T_1^{17} T_2^8 - 136 c_{61} T_1^{17} T_2^8 - 36 c_{64} T_1^{17} T_2^8 - \\
 & 184 c_{81} T_1^{17} T_2^8 - 336 c_{82} T_1^{17} T_2^8 - 32 c_{84} T_1^{17} T_2^8 - 256 c_{85} T_1^{17} T_2^8 - 60 a_2 b_3 T_1^{18} T_2^8 - 34 a_4 b_3 T_1^{18} T_2^8 + \\
 & 2 a_2 b_5 T_1^{18} T_2^8 + 10 a_4 b_5 T_1^{18} T_2^8 + 8 c_{16} T_1^{18} T_2^8 + 8 c_{19} T_1^{18} T_2^8 + 8 c_{31} T_1^{18} T_2^8 + 8 c_{34} T_1^{18} T_2^8 + \\
 & 8 c_{46} T_1^{18} T_2^8 + 8 c_{49} T_1^{18} T_2^8 + 8 c_{61} T_1^{18} T_2^8 + 8 c_{64} T_1^{18} T_2^8 + 31 c_{81} T_1^{18} T_2^8 + 184 c_{82} T_1^{18} T_2^8 - \\
 & c_{84} T_1^{18} T_2^8 + 152 c_{85} T_1^{18} T_2^8 + 53 a_2 b_3 T_1^{19} T_2^8 + 40 a_4 b_3 T_1^{19} T_2^8 - 9 a_2 b_5 T_1^{19} T_2^8 - 9 a_4 b_5 T_1^{19} T_2^8 + \\
 & 4 c_{16} T_1^{19} T_2^8 + 4 c_{19} T_1^{19} T_2^8 + 4 c_{31} T_1^{19} T_2^8 + 4 c_{34} T_1^{19} T_2^8 - 23 c_{81} T_1^{19} T_2^8 - 106 c_{82} T_1^{19} T_2^8 - \\
 & 24 c_{84} T_1^{19} T_2^8 - 103 c_{85} T_1^{19} T_2^8 - 48 a_2 b_3 T_1^{20} T_2^8 - 26 a_4 b_3 T_1^{20} T_2^8 + 4 a_2 b_5 T_1^{20} T_2^8 - 6 a_4 b_5 T_1^{20} T_2^8 + \\
 & 6 c_{16} T_1^{20} T_2^8 + 6 c_{19} T_1^{20} T_2^8 + 6 c_{31} T_1^{20} T_2^8 + 6 c_{34} T_1^{20} T_2^8 + 6 c_{46} T_1^{20} T_2^8 + 6 c_{49} T_1^{20} T_2^8 + \\
 & 6 c_{61} T_1^{20} T_2^8 + 6 c_{64} T_1^{20} T_2^8 + 23 c_{81} T_1^{20} T_2^8 + 136 c_{82} T_1^{20} T_2^8 - c_{84} T_1^{20} T_2^8 + 112 c_{85} T_1^{20} T_2^8 + \\
 & 40 a_2 b_3 T_1^{21} T_2^8 + 26 a_4 b_3 T_1^{21} T_2^8 - 6 a_2 b_5 T_1^{21} T_2^8 - 19 a_4 b_5 T_1^{21} T_2^8 + 8 c_{16} T_1^{21} T_2^8 + 8 c_{19} T_1^{21} T_2^8 + \\
 & 8 c_{31} T_1^{21} T_2^8 + 8 c_{34} T_1^{21} T_2^8 - 15 c_{81} T_1^{21} T_2^8 - 82 c_{82} T_1^{21} T_2^8 - 16 c_{84} T_1^{21} T_2^8 - 75 c_{85} T_1^{21} T_2^8 -
 \end{aligned}$$

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$$\begin{aligned}
 & 34 a_2 b_3 T_1^{22} T_2^8 - 16 a_4 b_3 T_1^{22} T_2^8 + 6 a_2 b_5 T_1^{22} T_2^8 - 12 a_4 b_5 T_1^{22} T_2^8 + 4 c_{16} T_1^{22} T_2^8 + 4 c_{19} T_1^{22} T_2^8 + \\
 & 4 c_{31} T_1^{22} T_2^8 + 4 c_{34} T_1^{22} T_2^8 + 4 c_{46} T_1^{22} T_2^8 + 4 c_{49} T_1^{22} T_2^8 + 4 c_{61} T_1^{22} T_2^8 + 4 c_{64} T_1^{22} T_2^8 + \\
 & 15 c_{81} T_1^{22} T_2^8 + 88 c_{82} T_1^{22} T_2^8 - c_{84} T_1^{22} T_2^8 + 72 c_{85} T_1^{22} T_2^8 + 25 a_2 b_3 T_1^{23} T_2^8 + 10 a_4 b_3 T_1^{23} T_2^8 - \\
 & 3 a_2 b_5 T_1^{23} T_2^8 - 19 a_4 b_5 T_1^{23} T_2^8 + 12 c_{16} T_1^{23} T_2^8 + 12 c_{31} T_1^{23} T_2^8 + 12 c_{46} T_1^{23} T_2^8 + 12 c_{61} T_1^{23} T_2^8 - \\
 & 7 c_{81} T_1^{23} T_2^8 - 58 c_{82} T_1^{23} T_2^8 - 8 c_{84} T_1^{23} T_2^8 - 47 c_{85} T_1^{23} T_2^8 - 18 a_2 b_3 T_1^{24} T_2^8 - 4 a_4 b_3 T_1^{24} T_2^8 + \\
 & 8 a_2 b_5 T_1^{24} T_2^8 - 8 a_4 b_5 T_1^{24} T_2^8 + 2 c_{16} T_1^{24} T_2^8 + 2 c_{19} T_1^{24} T_2^8 + 2 c_{31} T_1^{24} T_2^8 + 2 c_{34} T_1^{24} T_2^8 + \\
 & 2 c_{46} T_1^{24} T_2^8 + 2 c_{49} T_1^{24} T_2^8 + 2 c_{61} T_1^{24} T_2^8 + 2 c_{64} T_1^{24} T_2^8 + 7 c_{81} T_1^{24} T_2^8 + 40 c_{82} T_1^{24} T_2^8 - \\
 & c_{84} T_1^{24} T_2^8 + 32 c_{85} T_1^{24} T_2^8 + 8 a_2 b_3 T_1^{25} T_2^8 - 8 a_4 b_3 T_1^{25} T_2^8 + 16 c_{16} T_1^{25} T_2^8 + 16 c_{31} T_1^{25} T_2^8 + \\
 & 16 c_{46} T_1^{25} T_2^8 + 16 c_{61} T_1^{25} T_2^8 + c_{81} T_1^{25} T_2^8 - 34 c_{82} T_1^{25} T_2^8 - 19 c_{85} T_1^{25} T_2^8 - 8 c_{82} T_1^{26} T_2^8 - \\
 & 8 c_{85} T_1^{26} T_2^8 - 9 a_2 b_3 T_2^9 + 8 a_4 b_3 T_2^9 + 17 a_2 b_5 T_2^9 - 15 a_4 b_5 T_2^9 + 44 c_{19} T_2^9 + 44 c_{34} T_2^9 + \\
 & 44 c_{49} T_2^9 + 44 c_{64} T_2^9 + 34 c_{81} T_2^9 + 143 c_{82} T_2^9 + 34 c_{84} T_2^9 + 71 c_{85} T_2^9 + 27 a_2 b_3 T_1 T_2^9 - \\
 & 42 a_4 b_3 T_1 T_2^9 - 35 a_2 b_5 T_1 T_2^9 + 64 a_4 b_5 T_1 T_2^9 - 17 c_{16} T_1 T_2^9 - 60 c_{19} T_1 T_2^9 - 17 c_{31} T_1 T_2^9 - \\
 & 60 c_{34} T_1 T_2^9 - 17 c_{46} T_1 T_2^9 - 60 c_{49} T_1 T_2^9 - 17 c_{61} T_1 T_2^9 - 60 c_{64} T_1 T_2^9 - 74 c_{81} T_1 T_2^9 - \\
 & 191 c_{82} T_1 T_2^9 - 40 c_{84} T_1 T_2^9 - 86 c_{85} T_1 T_2^9 - 50 a_2 b_3 T_1^2 T_2^9 + 83 a_4 b_3 T_1^2 T_2^9 + 63 a_2 b_5 T_1^2 T_2^9 - \\
 & 93 a_4 b_5 T_1^2 T_2^9 + 17 c_{16} T_1^2 T_2^9 + 60 c_{19} T_1^2 T_2^9 + 17 c_{31} T_1^2 T_2^9 + 60 c_{34} T_1^2 T_2^9 + 17 c_{46} T_1^2 T_2^9 + \\
 & 60 c_{49} T_1^2 T_2^9 + 17 c_{61} T_1^2 T_2^9 + 60 c_{64} T_1^2 T_2^9 + 102 c_{81} T_1^2 T_2^9 + 131 c_{82} T_1^2 T_2^9 + 62 c_{84} T_1^2 T_2^9 + \\
 & 51 c_{85} T_1^2 T_2^9 + 79 a_2 b_3 T_1^3 T_2^9 - 141 a_4 b_3 T_1^3 T_2^9 - 94 a_2 b_5 T_1^3 T_2^9 + 174 a_4 b_5 T_1^3 T_2^9 - \\
 & 30 c_{16} T_1^3 T_2^9 - 74 c_{19} T_1^3 T_2^9 - 30 c_{31} T_1^3 T_2^9 - 74 c_{34} T_1^3 T_2^9 - 30 c_{46} T_1^3 T_2^9 - 74 c_{49} T_1^3 T_2^9 - \\
 & 30 c_{61} T_1^3 T_2^9 - 74 c_{64} T_1^3 T_2^9 - 134 c_{81} T_1^3 T_2^9 - 171 c_{82} T_1^3 T_2^9 - 72 c_{84} T_1^3 T_2^9 - 70 c_{85} T_1^3 T_2^9 - \\
 & 111 a_2 b_3 T_1^4 T_2^9 + 206 a_4 b_3 T_1^4 T_2^9 + 129 a_2 b_5 T_1^4 T_2^9 - 217 a_4 b_5 T_1^4 T_2^9 + 30 c_{16} T_1^4 T_2^9 + \\
 & 76 c_{19} T_1^4 T_2^9 + 30 c_{31} T_1^4 T_2^9 + 76 c_{34} T_1^4 T_2^9 + 30 c_{46} T_1^4 T_2^9 + 76 c_{49} T_1^4 T_2^9 + 30 c_{61} T_1^4 T_2^9 + \\
 & 76 c_{64} T_1^4 T_2^9 + 154 c_{81} T_1^4 T_2^9 + 135 c_{82} T_1^4 T_2^9 + 82 c_{84} T_1^4 T_2^9 + 47 c_{85} T_1^4 T_2^9 + 147 a_2 b_3 T_1^5 T_2^9 - \\
 & 280 a_4 b_3 T_1^5 T_2^9 - 169 a_2 b_5 T_1^5 T_2^9 + 314 a_4 b_5 T_1^5 T_2^9 - 39 c_{16} T_1^5 T_2^9 - 88 c_{19} T_1^5 T_2^9 - 39 c_{31} T_1^5 T_2^9 - \\
 & 88 c_{34} T_1^5 T_2^9 - 39 c_{46} T_1^5 T_2^9 - 88 c_{49} T_1^5 T_2^9 - 39 c_{61} T_1^5 T_2^9 - 88 c_{64} T_1^5 T_2^9 - 178 c_{81} T_1^5 T_2^9 - \\
 & 151 c_{82} T_1^5 T_2^9 - 96 c_{84} T_1^5 T_2^9 - 54 c_{85} T_1^5 T_2^9 - 184 a_2 b_3 T_1^6 T_2^9 + 361 a_4 b_3 T_1^6 T_2^9 + 207 a_2 b_5 T_1^6 T_2^9 - \\
 & 371 a_4 b_5 T_1^6 T_2^9 + 39 c_{16} T_1^6 T_2^9 + 92 c_{19} T_1^6 T_2^9 + 39 c_{31} T_1^6 T_2^9 + 92 c_{34} T_1^6 T_2^9 + 39 c_{46} T_1^6 T_2^9 + \\
 & 92 c_{49} T_1^6 T_2^9 + 39 c_{61} T_1^6 T_2^9 + 92 c_{64} T_1^6 T_2^9 + 190 c_{81} T_1^6 T_2^9 + 139 c_{82} T_1^6 T_2^9 + 94 c_{84} T_1^6 T_2^9 + \\
 & 43 c_{85} T_1^6 T_2^9 + 223 a_2 b_3 T_1^7 T_2^9 - 443 a_4 b_3 T_1^7 T_2^9 - 252 a_2 b_5 T_1^7 T_2^9 + 468 a_4 b_5 T_1^7 T_2^9 - \\
 & 44 c_{16} T_1^7 T_2^9 - 102 c_{19} T_1^7 T_2^9 - 44 c_{31} T_1^7 T_2^9 - 102 c_{34} T_1^7 T_2^9 - 44 c_{46} T_1^7 T_2^9 - 102 c_{49} T_1^7 T_2^9 - \\
 & 44 c_{61} T_1^7 T_2^9 - 102 c_{64} T_1^7 T_2^9 - 206 c_{81} T_1^7 T_2^9 - 131 c_{82} T_1^7 T_2^9 - 112 c_{84} T_1^7 T_2^9 - 38 c_{85} T_1^7 T_2^9 - \\
 & 240 a_2 b_3 T_1^8 T_2^9 + 516 a_4 b_3 T_1^8 T_2^9 + 252 a_2 b_5 T_1^8 T_2^9 - 516 a_4 b_5 T_1^8 T_2^9 + 44 c_{16} T_1^8 T_2^9 + \\
 & 108 c_{19} T_1^8 T_2^9 + 44 c_{31} T_1^8 T_2^9 + 108 c_{34} T_1^8 T_2^9 + 44 c_{46} T_1^8 T_2^9 + 108 c_{49} T_1^8 T_2^9 + 44 c_{61} T_1^8 T_2^9 + \\
 & 108 c_{64} T_1^8 T_2^9 + 48 c_{81} T_1^8 T_2^9 + 143 c_{82} T_1^8 T_2^9 - 64 c_{84} T_1^8 T_2^9 + 39 c_{85} T_1^8 T_2^9 + 213 a_2 b_3 T_1^9 T_2^9 - \\
 & 504 a_4 b_3 T_1^9 T_2^9 - 213 a_2 b_5 T_1^9 T_2^9 + 467 a_4 b_5 T_1^9 T_2^9 - 28 c_{16} T_1^9 T_2^9 - 28 c_{19} T_1^9 T_2^9 - 28 c_{31} T_1^9 T_2^9 - \\
 & 28 c_{34} T_1^9 T_2^9 - 28 c_{46} T_1^9 T_2^9 - 28 c_{49} T_1^9 T_2^9 - 28 c_{61} T_1^9 T_2^9 - 28 c_{64} T_1^9 T_2^9 + 210 c_{81} T_1^9 T_2^9 + \\
 & 210 c_{82} T_1^9 T_2^9 + 146 c_{84} T_1^9 T_2^9 + 146 c_{85} T_1^9 T_2^9 - 177 a_2 b_3 T_1^{10} T_2^9 + 441 a_4 b_3 T_1^{10} T_2^9 + \\
 & 192 a_2 b_5 T_1^{10} T_2^9 - 417 a_4 b_5 T_1^{10} T_2^9 - 5 c_{16} T_1^{10} T_2^9 + 4 c_{19} T_1^{10} T_2^9 - 5 c_{31} T_1^{10} T_2^9 + 4 c_{34} T_1^{10} T_2^9 - \\
 & 5 c_{46} T_1^{10} T_2^9 + 4 c_{49} T_1^{10} T_2^9 - 5 c_{61} T_1^{10} T_2^9 + 4 c_{64} T_1^{10} T_2^9 - 282 c_{81} T_1^{10} T_2^9 - 342 c_{82} T_1^{10} T_2^9 - \\
 & 136 c_{84} T_1^{10} T_2^9 - 196 c_{85} T_1^{10} T_2^9 + 137 a_2 b_3 T_1^{11} T_2^9 - 392 a_4 b_3 T_1^{11} T_2^9 - 145 a_2 b_5 T_1^{11} T_2^9 + \\
 & 395 a_4 b_5 T_1^{11} T_2^9 + 34 c_{16} T_1^{11} T_2^9 - 12 c_{19} T_1^{11} T_2^9 + 34 c_{31} T_1^{11} T_2^9 - 12 c_{34} T_1^{11} T_2^9 + \\
 & 34 c_{46} T_1^{11} T_2^9 - 12 c_{49} T_1^{11} T_2^9 + 34 c_{61} T_1^{11} T_2^9 - 12 c_{64} T_1^{11} T_2^9 + 330 c_{81} T_1^{11} T_2^9 + 258 c_{82} T_1^{11} T_2^9 + \\
 & 194 c_{84} T_1^{11} T_2^9 + 146 c_{85} T_1^{11} T_2^9 - 87 a_2 b_3 T_1^{12} T_2^9 + 307 a_4 b_3 T_1^{12} T_2^9 + 104 a_2 b_5 T_1^{12} T_2^9 - \\
 & 280 a_4 b_5 T_1^{12} T_2^9 - 59 c_{16} T_1^{12} T_2^9 - 8 c_{19} T_1^{12} T_2^9 - 59 c_{31} T_1^{12} T_2^9 - 8 c_{34} T_1^{12} T_2^9 - 59 c_{46} T_1^{12} T_2^9 - \\
 & 8 c_{49} T_1^{12} T_2^9 - 59 c_{61} T_1^{12} T_2^9 - 8 c_{64} T_1^{12} T_2^9 - 386 c_{81} T_1^{12} T_2^9 - 374 c_{82} T_1^{12} T_2^9 - 192 c_{84} T_1^{12} T_2^9 - \\
 & 204 c_{85} T_1^{12} T_2^9 + 35 a_2 b_3 T_1^{13} T_2^9 - 226 a_4 b_3 T_1^{13} T_2^9 - 53 a_2 b_5 T_1^{13} T_2^9 + 265 a_4 b_5 T_1^{13} T_2^9 + \\
 & 80 c_{16} T_1^{13} T_2^9 + 4 c_{19} T_1^{13} T_2^9 + 80 c_{31} T_1^{13} T_2^9 + 4 c_{34} T_1^{13} T_2^9 + 80 c_{46} T_1^{13} T_2^9 + 4 c_{49} T_1^{13} T_2^9 + \\
 & 80 c_{61} T_1^{13} T_2^9 + 4 c_{64} T_1^{13} T_2^9 + 418 c_{81} T_1^{13} T_2^9 + 338 c_{82} T_1^{13} T_2^9 + 226 c_{84} T_1^{13} T_2^9 + 178 c_{85} T_1^{13} T_2^9 + \\
 & 25 a_2 b_3 T_1^{14} T_2^9 + 127 a_4 b_3 T_1^{14} T_2^9 - 4 a_2 b_5 T_1^{14} T_2^9 - 121 a_4 b_5 T_1^{14} T_2^9 - 97 c_{16} T_1^{14} T_2^9 - \\
 & 20 c_{19} T_1^{14} T_2^9 - 97 c_{31} T_1^{14} T_2^9 - 20 c_{34} T_1^{14} T_2^9 - 97 c_{46} T_1^{14} T_2^9 - 20 c_{49} T_1^{14} T_2^9 - 97 c_{61} T_1^{14} T_2^9 - \\
 & 20 c_{64} T_1^{14} T_2^9 - 458 c_{81} T_1^{14} T_2^9 - 406 c_{82} T_1^{14} T_2^9 - 232 c_{84} T_1^{14} T_2^9 - 212 c_{85} T_1^{14} T_2^9 -
 \end{aligned}$$

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$$\begin{aligned}
 & 85 a_2 b_3 T_1^{15} T_2^9 - 22 a_4 b_3 T_1^{15} T_2^9 + 55 a_2 b_5 T_1^{15} T_2^9 + 93 a_4 b_5 T_1^{15} T_2^9 + 110 c_{16} T_1^{15} T_2^9 + \\
 & 20 c_{19} T_1^{15} T_2^9 + 110 c_{31} T_1^{15} T_2^9 + 20 c_{34} T_1^{15} T_2^9 + 110 c_{46} T_1^{15} T_2^9 + 20 c_{49} T_1^{15} T_2^9 + 110 c_{61} T_1^{15} T_2^9 + \\
 & 20 c_{64} T_1^{15} T_2^9 + 474 c_{81} T_1^{15} T_2^9 + 418 c_{82} T_1^{15} T_2^9 + 242 c_{84} T_1^{15} T_2^9 + 210 c_{85} T_1^{15} T_2^9 + \\
 & 151 a_2 b_3 T_1^{16} T_2^9 - 83 a_4 b_3 T_1^{16} T_2^9 - 124 a_2 b_5 T_1^{16} T_2^9 + 44 a_4 b_5 T_1^{16} T_2^9 - 119 c_{16} T_1^{16} T_2^9 - \\
 & 32 c_{19} T_1^{16} T_2^9 - 119 c_{31} T_1^{16} T_2^9 - 32 c_{34} T_1^{16} T_2^9 - 119 c_{46} T_1^{16} T_2^9 - 32 c_{49} T_1^{16} T_2^9 - 119 c_{61} T_1^{16} T_2^9 - \\
 & 32 c_{64} T_1^{16} T_2^9 - 498 c_{81} T_1^{16} T_2^9 - 438 c_{82} T_1^{16} T_2^9 - 256 c_{84} T_1^{16} T_2^9 - 220 c_{85} T_1^{16} T_2^9 - \\
 & 184 a_2 b_3 T_1^{17} T_2^9 + 188 a_4 b_3 T_1^{17} T_2^9 + 124 a_2 b_5 T_1^{17} T_2^9 - 92 a_4 b_5 T_1^{17} T_2^9 + 124 c_{16} T_1^{17} T_2^9 + \\
 & 36 c_{19} T_1^{17} T_2^9 + 124 c_{31} T_1^{17} T_2^9 + 36 c_{34} T_1^{17} T_2^9 + 124 c_{46} T_1^{17} T_2^9 + 36 c_{49} T_1^{17} T_2^9 + 124 c_{61} T_1^{17} T_2^9 + \\
 & 36 c_{64} T_1^{17} T_2^9 + 336 c_{81} T_1^{17} T_2^9 + 498 c_{82} T_1^{17} T_2^9 + 80 c_{84} T_1^{17} T_2^9 + 242 c_{85} T_1^{17} T_2^9 + \\
 & 166 a_2 b_3 T_1^{18} T_2^9 - 184 a_4 b_3 T_1^{18} T_2^9 - 102 a_2 b_5 T_1^{18} T_2^9 + 58 a_4 b_5 T_1^{18} T_2^9 + 44 c_{16} T_1^{18} T_2^9 + \\
 & 44 c_{19} T_1^{18} T_2^9 + 44 c_{31} T_1^{18} T_2^9 + 44 c_{61} T_1^{18} T_2^9 - 112 c_{81} T_1^{18} T_2^9 - 257 c_{82} T_1^{18} T_2^9 - 32 c_{84} T_1^{18} T_2^9 - \\
 & 105 c_{85} T_1^{18} T_2^9 - 148 a_2 b_3 T_1^{19} T_2^9 + 155 a_4 b_3 T_1^{19} T_2^9 + 99 a_2 b_5 T_1^{19} T_2^9 - 57 a_4 b_5 T_1^{19} T_2^9 - \\
 & 58 c_{16} T_1^{19} T_2^9 - 8 c_{19} T_1^{19} T_2^9 - 58 c_{31} T_1^{19} T_2^9 - 8 c_{34} T_1^{19} T_2^9 - 58 c_{46} T_1^{19} T_2^9 - 8 c_{49} T_1^{19} T_2^9 - \\
 & 58 c_{61} T_1^{19} T_2^9 - 8 c_{64} T_1^{19} T_2^9 + 80 c_{81} T_1^{19} T_2^9 + 173 c_{82} T_1^{19} T_2^9 + 48 c_{84} T_1^{19} T_2^9 + 70 c_{85} T_1^{19} T_2^9 + \\
 & 131 a_2 b_3 T_1^{20} T_2^9 - 147 a_4 b_3 T_1^{20} T_2^9 - 80 a_2 b_5 T_1^{20} T_2^9 + 64 a_4 b_5 T_1^{20} T_2^9 + 49 c_{16} T_1^{20} T_2^9 + \\
 & 49 c_{19} T_1^{20} T_2^9 + 49 c_{31} T_1^{20} T_2^9 + 49 c_{61} T_1^{20} T_2^9 - 60 c_{81} T_1^{20} T_2^9 - 197 c_{82} T_1^{20} T_2^9 - 12 c_{84} T_1^{20} T_2^9 - \\
 & 85 c_{85} T_1^{20} T_2^9 - 110 a_2 b_3 T_1^{21} T_2^9 + 120 a_4 b_3 T_1^{21} T_2^9 + 70 a_2 b_5 T_1^{21} T_2^9 - 30 a_4 b_5 T_1^{21} T_2^9 - \\
 & 59 c_{16} T_1^{21} T_2^9 - 6 c_{19} T_1^{21} T_2^9 - 59 c_{31} T_1^{21} T_2^9 - 6 c_{34} T_1^{21} T_2^9 - 59 c_{46} T_1^{21} T_2^9 - 6 c_{49} T_1^{21} T_2^9 - \\
 & 59 c_{61} T_1^{21} T_2^9 - 6 c_{64} T_1^{21} T_2^9 + 36 c_{81} T_1^{21} T_2^9 + 121 c_{82} T_1^{21} T_2^9 + 24 c_{84} T_1^{21} T_2^9 + 46 c_{85} T_1^{21} T_2^9 + \\
 & 90 a_2 b_3 T_1^{22} T_2^9 - 104 a_4 b_3 T_1^{22} T_2^9 - 54 a_2 b_5 T_1^{22} T_2^9 + 58 a_4 b_5 T_1^{22} T_2^9 + 42 c_{16} T_1^{22} T_2^9 + \\
 & 42 c_{19} T_1^{22} T_2^9 + 42 c_{31} T_1^{22} T_2^9 + 42 c_{61} T_1^{22} T_2^9 - 24 c_{81} T_1^{22} T_2^9 - 121 c_{82} T_1^{22} T_2^9 - 49 c_{85} T_1^{22} T_2^9 - \\
 & 66 a_2 b_3 T_1^{23} T_2^9 + 79 a_4 b_3 T_1^{23} T_2^9 + 37 a_2 b_5 T_1^{23} T_2^9 - 11 a_4 b_5 T_1^{23} T_2^9 - 48 c_{16} T_1^{23} T_2^9 - \\
 & 4 c_{19} T_1^{23} T_2^9 - 48 c_{31} T_1^{23} T_2^9 - 4 c_{34} T_1^{23} T_2^9 - 48 c_{46} T_1^{23} T_2^9 - 4 c_{49} T_1^{23} T_2^9 - 48 c_{61} T_1^{23} T_2^9 - \\
 & 4 c_{64} T_1^{23} T_2^9 + 8 c_{81} T_1^{23} T_2^9 + 69 c_{82} T_1^{23} T_2^9 + 8 c_{84} T_1^{23} T_2^9 + 22 c_{85} T_1^{23} T_2^9 + 43 a_2 b_3 T_1^{24} T_2^9 - \\
 & 55 a_4 b_3 T_1^{24} T_2^9 - 24 a_2 b_5 T_1^{24} T_2^9 + 40 a_4 b_5 T_1^{24} T_2^9 + 23 c_{16} T_1^{24} T_2^9 + 23 c_{31} T_1^{24} T_2^9 + \\
 & 23 c_{46} T_1^{24} T_2^9 + 23 c_{61} T_1^{24} T_2^9 - 4 c_{81} T_1^{24} T_2^9 - 45 c_{82} T_1^{24} T_2^9 + 4 c_{84} T_1^{24} T_2^9 - 13 c_{85} T_1^{24} T_2^9 - \\
 & 16 a_2 b_3 T_1^{25} T_2^9 + 32 a_4 b_3 T_1^{25} T_2^9 - 25 c_{16} T_1^{25} T_2^9 - 2 c_{19} T_1^{25} T_2^9 - 25 c_{31} T_1^{25} T_2^9 - 2 c_{34} T_1^{25} T_2^9 - \\
 & 25 c_{46} T_1^{25} T_2^9 - 2 c_{49} T_1^{25} T_2^9 - 25 c_{61} T_1^{25} T_2^9 - 2 c_{64} T_1^{25} T_2^9 - 4 c_{81} T_1^{25} T_2^9 + 17 c_{82} T_1^{25} T_2^9 - \\
 & 2 c_{85} T_1^{25} T_2^9 - 8 c_{16} T_1^{26} T_2^9 - 8 c_{31} T_1^{26} T_2^9 - 8 c_{46} T_1^{26} T_2^9 - 8 c_{61} T_1^{26} T_2^9 + 31 c_{82} T_1^{26} T_2^9 + \\
 & 23 c_{85} T_1^{26} T_2^9 + 8 a_2 b_3 T_1^{10} T_2 - 9 a_4 b_3 T_1^{10} T_2 - 17 a_2 b_5 T_1^{10} T_2 + 17 a_4 b_5 T_1^{10} T_2 - 50 c_{19} T_1^{10} T_2 - \\
 & 50 c_{34} T_1^{10} T_2 - 50 c_{64} T_1^{10} T_2 - 32 c_{81} T_1^{10} T_2 - 139 c_{82} T_1^{10} T_2 - 32 c_{84} T_1^{10} T_2 - 68 c_{85} T_1^{10} T_2 - \\
 & 21 a_2 b_3 T_1 T_2^{10} + 44 a_4 b_3 T_1 T_2^{10} + 31 a_2 b_5 T_1 T_2^{10} - 69 a_4 b_5 T_1 T_2^{10} + 15 c_{16} T_1 T_2^{10} + \\
 & 62 c_{19} T_1 T_2^{10} + 15 c_{31} T_1 T_2^{10} + 62 c_{34} T_1 T_2^{10} + 15 c_{46} T_1 T_2^{10} + 62 c_{49} T_1 T_2^{10} + 15 c_{61} T_1 T_2^{10} + \\
 & 62 c_{64} T_1 T_2^{10} + 58 c_{81} T_1 T_2^{10} + 163 c_{82} T_1 T_2^{10} + 26 c_{84} T_1 T_2^{10} + 77 c_{85} T_1 T_2^{10} + 37 a_2 b_3 T_1^2 T_2^{10} - \\
 & 81 a_4 b_3 T_1^2 T_2^{10} - 56 a_2 b_5 T_1^2 T_2^{10} + 95 a_4 b_5 T_1^2 T_2^{10} - 11 c_{16} T_1^2 T_2^{10} - 58 c_{19} T_1^2 T_2^{10} - 11 c_{31} T_1^2 T_2^{10} - \\
 & 58 c_{34} T_1^2 T_2^{10} - 11 c_{46} T_1^2 T_2^{10} - 58 c_{49} T_1^2 T_2^{10} - 11 c_{61} T_1^2 T_2^{10} - 58 c_{64} T_1^2 T_2^{10} - 66 c_{81} T_1^2 T_2^{10} - \\
 & 103 c_{82} T_1^2 T_2^{10} - 40 c_{84} T_1^2 T_2^{10} - 52 c_{85} T_1^2 T_2^{10} - 60 a_2 b_3 T_1^3 T_2^{10} + 135 a_4 b_3 T_1^3 T_2^{10} + \\
 & 83 a_2 b_5 T_1^3 T_2^{10} - 181 a_4 b_5 T_1^3 T_2^{10} + 22 c_{16} T_1^3 T_2^{10} + 70 c_{19} T_1^3 T_2^{10} + 22 c_{31} T_1^3 T_2^{10} + 70 c_{34} T_1^3 T_2^{10} + \\
 & 22 c_{46} T_1^3 T_2^{10} + 70 c_{49} T_1^3 T_2^{10} + 22 c_{61} T_1^3 T_2^{10} + 70 c_{64} T_1^3 T_2^{10} + 78 c_{81} T_1^3 T_2^{10} + 147 c_{82} T_1^3 T_2^{10} + \\
 & 38 c_{84} T_1^3 T_2^{10} + 77 c_{85} T_1^3 T_2^{10} + 87 a_2 b_3 T_1^4 T_2^{10} - 194 a_4 b_3 T_1^4 T_2^{10} - 115 a_2 b_5 T_1^4 T_2^{10} + \\
 & 219 a_4 b_5 T_1^4 T_2^{10} - 18 c_{16} T_1^4 T_2^{10} - 68 c_{19} T_1^4 T_2^{10} - 18 c_{31} T_1^4 T_2^{10} - 68 c_{34} T_1^4 T_2^{10} - 18 c_{46} T_1^4 T_2^{10} - \\
 & 68 c_{49} T_1^4 T_2^{10} - 18 c_{61} T_1^4 T_2^{10} - 68 c_{64} T_1^4 T_2^{10} - 78 c_{81} T_1^4 T_2^{10} - 99 c_{82} T_1^4 T_2^{10} - 40 c_{84} T_1^4 T_2^{10} - \\
 & 52 c_{85} T_1^4 T_2^{10} - 119 a_2 b_3 T_1^5 T_2^{10} + 262 a_4 b_3 T_1^5 T_2^{10} + 151 a_2 b_5 T_1^5 T_2^{10} - 323 a_4 b_5 T_1^5 T_2^{10} + \\
 & 25 c_{16} T_1^5 T_2^{10} + 78 c_{19} T_1^5 T_2^{10} + 25 c_{31} T_1^5 T_2^{10} + 78 c_{34} T_1^5 T_2^{10} + 25 c_{46} T_1^5 T_2^{10} + 78 c_{49} T_1^5 T_2^{10} + \\
 & 25 c_{61} T_1^5 T_2^{10} + 78 c_{64} T_1^5 T_2^{10} + 82 c_{81} T_1^5 T_2^{10} + 119 c_{82} T_1^5 T_2^{10} + 42 c_{84} T_1^5 T_2^{10} + 65 c_{85} T_1^5 T_2^{10} + \\
 & 153 a_2 b_3 T_1^6 T_2^{10} - 335 a_4 b_3 T_1^6 T_2^{10} - 186 a_2 b_5 T_1^6 T_2^{10} + 373 a_4 b_5 T_1^6 T_2^{10} - 21 c_{16} T_1^6 T_2^{10} - \\
 & 78 c_{19} T_1^6 T_2^{10} - 21 c_{31} T_1^6 T_2^{10} - 78 c_{34} T_1^6 T_2^{10} - 21 c_{46} T_1^6 T_2^{10} - 78 c_{49} T_1^6 T_2^{10} - 21 c_{61} T_1^6 T_2^{10} - \\
 & 78 c_{64} T_1^6 T_2^{10} - 74 c_{81} T_1^6 T_2^{10} - 95 c_{82} T_1^6 T_2^{10} - 32 c_{84} T_1^6 T_2^{10} - 52 c_{85} T_1^6 T_2^{10} - 190 a_2 b_3 T_1^7 T_2^{10} + \\
 & 409 a_4 b_3 T_1^7 T_2^{10} + 227 a_2 b_5 T_1^7 T_2^{10} - 479 a_4 b_5 T_1^7 T_2^{10} + 24 c_{16} T_1^7 T_2^{10} + 86 c_{19} T_1^7 T_2^{10} + \\
 & 24 c_{31} T_1^7 T_2^{10} + 86 c_{34} T_1^7 T_2^{10} + 24 c_{46} T_1^7 T_2^{10} + 86 c_{49} T_1^7 T_2^{10} + 24 c_{61} T_1^7 T_2^{10} + 86 c_{64} T_1^7 T_2^{10} +
 \end{aligned}$$

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$$\begin{aligned}
 &70 c_{81} T_1^7 T_2^{10} + 91 c_{82} T_1^7 T_2^{10} + 38 c_{84} T_1^7 T_2^{10} + 53 c_{85} T_1^7 T_2^{10} + 200 a_2 b_3 T_1^8 T_2^{10} - \\
 &467 a_4 b_3 T_1^8 T_2^{10} - 213 a_2 b_5 T_1^8 T_2^{10} + 504 a_4 b_5 T_1^8 T_2^{10} - 20 c_{16} T_1^8 T_2^{10} - 88 c_{19} T_1^8 T_2^{10} - \\
 &20 c_{31} T_1^8 T_2^{10} - 88 c_{34} T_1^8 T_2^{10} - 20 c_{46} T_1^8 T_2^{10} - 88 c_{49} T_1^8 T_2^{10} - 20 c_{61} T_1^8 T_2^{10} - 88 c_{64} T_1^8 T_2^{10} + \\
 &108 c_{81} T_1^8 T_2^{10} - 91 c_{82} T_1^8 T_2^{10} + 146 c_{84} T_1^8 T_2^{10} - 52 c_{85} T_1^8 T_2^{10} - 163 a_2 b_3 T_1^9 T_2^{10} + \\
 &426 a_4 b_3 T_1^9 T_2^{10} + 163 a_2 b_5 T_1^9 T_2^{10} - 426 a_4 b_5 T_1^9 T_2^{10} + 4 c_{16} T_1^9 T_2^{10} - 5 c_{19} T_1^9 T_2^{10} + \\
 &4 c_{31} T_1^9 T_2^{10} - 5 c_{34} T_1^9 T_2^{10} + 4 c_{46} T_1^9 T_2^{10} - 5 c_{49} T_1^9 T_2^{10} + 4 c_{61} T_1^9 T_2^{10} - 5 c_{64} T_1^9 T_2^{10} - \\
 &342 c_{81} T_1^9 T_2^{10} - 282 c_{82} T_1^9 T_2^{10} - 196 c_{84} T_1^9 T_2^{10} - 136 c_{85} T_1^9 T_2^{10} + 122 a_2 b_3 T_1^{10} T_2^{10} - \\
 &340 a_4 b_3 T_1^{10} T_2^{10} - 136 a_2 b_5 T_1^{10} T_2^{10} + 355 a_4 b_5 T_1^{10} T_2^{10} + 23 c_{16} T_1^{10} T_2^{10} + 23 c_{19} T_1^{10} T_2^{10} + \\
 &23 c_{31} T_1^{10} T_2^{10} + 23 c_{34} T_1^{10} T_2^{10} + 23 c_{46} T_1^{10} T_2^{10} + 23 c_{49} T_1^{10} T_2^{10} + 23 c_{61} T_1^{10} T_2^{10} + 23 c_{64} T_1^{10} T_2^{10} + \\
 &366 c_{81} T_1^{10} T_2^{10} + 366 c_{82} T_1^{10} T_2^{10} + 170 c_{84} T_1^{10} T_2^{10} + 170 c_{85} T_1^{10} T_2^{10} - 77 a_2 b_3 T_1^{11} T_2^{10} + \\
 &273 a_4 b_3 T_1^{11} T_2^{10} + 78 a_2 b_5 T_1^{11} T_2^{10} - 310 a_4 b_5 T_1^{11} T_2^{10} - 42 c_{16} T_1^{11} T_2^{10} - 9 c_{19} T_1^{11} T_2^{10} - \\
 &42 c_{31} T_1^{11} T_2^{10} - 9 c_{34} T_1^{11} T_2^{10} - 42 c_{46} T_1^{11} T_2^{10} - 9 c_{49} T_1^{11} T_2^{10} - 42 c_{61} T_1^{11} T_2^{10} - 9 c_{64} T_1^{11} T_2^{10} - \\
 &390 c_{81} T_1^{11} T_2^{10} - 282 c_{82} T_1^{11} T_2^{10} - 220 c_{84} T_1^{11} T_2^{10} - 136 c_{85} T_1^{11} T_2^{10} + 20 a_2 b_3 T_1^{12} T_2^{10} - \\
 &165 a_4 b_3 T_1^{12} T_2^{10} - 29 a_2 b_5 T_1^{12} T_2^{10} + 162 a_4 b_5 T_1^{12} T_2^{10} + 57 c_{16} T_1^{12} T_2^{10} + 27 c_{19} T_1^{12} T_2^{10} + \\
 &57 c_{31} T_1^{12} T_2^{10} + 27 c_{34} T_1^{12} T_2^{10} + 57 c_{46} T_1^{12} T_2^{10} + 27 c_{49} T_1^{12} T_2^{10} + 57 c_{61} T_1^{12} T_2^{10} + 27 c_{64} T_1^{12} T_2^{10} + \\
 &422 c_{81} T_1^{12} T_2^{10} + 406 c_{82} T_1^{12} T_2^{10} + 202 c_{84} T_1^{12} T_2^{10} + 202 c_{85} T_1^{12} T_2^{10} + 41 a_2 b_3 T_1^{13} T_2^{10} + \\
 &64 a_4 b_3 T_1^{13} T_2^{10} - 35 a_2 b_5 T_1^{13} T_2^{10} - 128 a_4 b_5 T_1^{13} T_2^{10} - 68 c_{16} T_1^{13} T_2^{10} - 17 c_{19} T_1^{13} T_2^{10} - \\
 &68 c_{31} T_1^{13} T_2^{10} - 17 c_{34} T_1^{13} T_2^{10} - 68 c_{46} T_1^{13} T_2^{10} - 17 c_{49} T_1^{13} T_2^{10} - 68 c_{61} T_1^{13} T_2^{10} - 17 c_{64} T_1^{13} T_2^{10} - \\
 &430 c_{81} T_1^{13} T_2^{10} - 346 c_{82} T_1^{13} T_2^{10} - 228 c_{84} T_1^{13} T_2^{10} - 168 c_{85} T_1^{13} T_2^{10} - 112 a_2 b_3 T_1^{14} T_2^{10} + \\
 &60 a_4 b_3 T_1^{14} T_2^{10} + 102 a_2 b_5 T_1^{14} T_2^{10} - 61 a_4 b_5 T_1^{14} T_2^{10} + 75 c_{16} T_1^{14} T_2^{10} + 31 c_{19} T_1^{14} T_2^{10} + \\
 &75 c_{31} T_1^{14} T_2^{10} + 31 c_{34} T_1^{14} T_2^{10} + 75 c_{46} T_1^{14} T_2^{10} + 31 c_{49} T_1^{14} T_2^{10} + 75 c_{61} T_1^{14} T_2^{10} + \\
 &31 c_{64} T_1^{14} T_2^{10} + 446 c_{81} T_1^{14} T_2^{10} + 422 c_{82} T_1^{14} T_2^{10} + 218 c_{84} T_1^{14} T_2^{10} + 210 c_{85} T_1^{14} T_2^{10} + \\
 &185 a_2 b_3 T_1^{15} T_2^{10} - 187 a_4 b_3 T_1^{15} T_2^{10} - 168 a_2 b_5 T_1^{15} T_2^{10} + 104 a_4 b_5 T_1^{15} T_2^{10} - 78 c_{16} T_1^{15} T_2^{10} - \\
 &25 c_{19} T_1^{15} T_2^{10} - 78 c_{31} T_1^{15} T_2^{10} - 25 c_{34} T_1^{15} T_2^{10} - 78 c_{46} T_1^{15} T_2^{10} - 25 c_{49} T_1^{15} T_2^{10} - \\
 &78 c_{61} T_1^{15} T_2^{10} - 25 c_{64} T_1^{15} T_2^{10} - 438 c_{81} T_1^{15} T_2^{10} - 410 c_{82} T_1^{15} T_2^{10} - 220 c_{84} T_1^{15} T_2^{10} - \\
 &200 c_{85} T_1^{15} T_2^{10} - 266 a_2 b_3 T_1^{16} T_2^{10} + 319 a_4 b_3 T_1^{16} T_2^{10} + 249 a_2 b_5 T_1^{16} T_2^{10} - 298 a_4 b_5 T_1^{16} T_2^{10} + \\
 &77 c_{16} T_1^{16} T_2^{10} + 35 c_{19} T_1^{16} T_2^{10} + 77 c_{31} T_1^{16} T_2^{10} + 35 c_{34} T_1^{16} T_2^{10} + 77 c_{46} T_1^{16} T_2^{10} + \\
 &35 c_{49} T_1^{16} T_2^{10} + 77 c_{61} T_1^{16} T_2^{10} + 35 c_{64} T_1^{16} T_2^{10} + 438 c_{81} T_1^{16} T_2^{10} + 438 c_{82} T_1^{16} T_2^{10} + \\
 &218 c_{84} T_1^{16} T_2^{10} + 218 c_{85} T_1^{16} T_2^{10} + 300 a_2 b_3 T_1^{17} T_2^{10} - 433 a_4 b_3 T_1^{17} T_2^{10} - 235 a_2 b_5 T_1^{17} T_2^{10} + \\
 &323 a_4 b_5 T_1^{17} T_2^{10} - 72 c_{16} T_1^{17} T_2^{10} - 33 c_{19} T_1^{17} T_2^{10} - 72 c_{31} T_1^{17} T_2^{10} - 33 c_{34} T_1^{17} T_2^{10} - \\
 &72 c_{46} T_1^{17} T_2^{10} - 33 c_{49} T_1^{17} T_2^{10} - 72 c_{61} T_1^{17} T_2^{10} - 33 c_{64} T_1^{17} T_2^{10} - 252 c_{81} T_1^{17} T_2^{10} - \\
 &474 c_{82} T_1^{17} T_2^{10} - 34 c_{84} T_1^{17} T_2^{10} - 232 c_{85} T_1^{17} T_2^{10} - 271 a_2 b_3 T_1^{18} T_2^{10} + 401 a_4 b_3 T_1^{18} T_2^{10} + \\
 &202 a_2 b_5 T_1^{18} T_2^{10} - 262 a_4 b_5 T_1^{18} T_2^{10} - 84 c_{16} T_1^{18} T_2^{10} - 9 c_{19} T_1^{18} T_2^{10} - 84 c_{31} T_1^{18} T_2^{10} - \\
 &9 c_{34} T_1^{18} T_2^{10} - 84 c_{46} T_1^{18} T_2^{10} - 9 c_{49} T_1^{18} T_2^{10} - 84 c_{61} T_1^{18} T_2^{10} - 9 c_{64} T_1^{18} T_2^{10} + 50 c_{81} T_1^{18} T_2^{10} + \\
 &181 c_{82} T_1^{18} T_2^{10} + 16 c_{84} T_1^{18} T_2^{10} + 76 c_{85} T_1^{18} T_2^{10} + 243 a_2 b_3 T_1^{19} T_2^{10} - 350 a_4 b_3 T_1^{19} T_2^{10} - \\
 &189 a_2 b_5 T_1^{19} T_2^{10} + 243 a_4 b_5 T_1^{19} T_2^{10} + 62 c_{16} T_1^{19} T_2^{10} + 15 c_{19} T_1^{19} T_2^{10} + 62 c_{31} T_1^{19} T_2^{10} + \\
 &15 c_{34} T_1^{19} T_2^{10} + 62 c_{46} T_1^{19} T_2^{10} + 15 c_{49} T_1^{19} T_2^{10} + 62 c_{61} T_1^{19} T_2^{10} + 15 c_{64} T_1^{19} T_2^{10} - 52 c_{81} T_1^{19} T_2^{10} - \\
 &121 c_{82} T_1^{19} T_2^{10} - 36 c_{84} T_1^{19} T_2^{10} - 51 c_{85} T_1^{19} T_2^{10} - 214 a_2 b_3 T_1^{20} T_2^{10} + 320 a_4 b_3 T_1^{20} T_2^{10} + \\
 &156 a_2 b_5 T_1^{20} T_2^{10} - 224 a_4 b_5 T_1^{20} T_2^{10} - 51 c_{16} T_1^{20} T_2^{10} - 5 c_{19} T_1^{20} T_2^{10} - 51 c_{31} T_1^{20} T_2^{10} - \\
 &5 c_{34} T_1^{20} T_2^{10} - 51 c_{46} T_1^{20} T_2^{10} - 5 c_{49} T_1^{20} T_2^{10} - 51 c_{61} T_1^{20} T_2^{10} - 5 c_{64} T_1^{20} T_2^{10} + 36 c_{81} T_1^{20} T_2^{10} + \\
 &145 c_{82} T_1^{20} T_2^{10} + 60 c_{85} T_1^{20} T_2^{10} + 180 a_2 b_3 T_1^{21} T_2^{10} - 266 a_4 b_3 T_1^{21} T_2^{10} - 134 a_2 b_5 T_1^{21} T_2^{10} + \\
 &162 a_4 b_5 T_1^{21} T_2^{10} + 57 c_{16} T_1^{21} T_2^{10} + 11 c_{19} T_1^{21} T_2^{10} + 57 c_{31} T_1^{21} T_2^{10} + 11 c_{34} T_1^{21} T_2^{10} + \\
 &57 c_{46} T_1^{21} T_2^{10} + 11 c_{49} T_1^{21} T_2^{10} + 57 c_{61} T_1^{21} T_2^{10} + 11 c_{64} T_1^{21} T_2^{10} - 16 c_{81} T_1^{21} T_2^{10} - 65 c_{82} T_1^{21} T_2^{10} - \\
 &16 c_{84} T_1^{21} T_2^{10} - 19 c_{85} T_1^{21} T_2^{10} - 146 a_2 b_3 T_1^{22} T_2^{10} + 224 a_4 b_3 T_1^{22} T_2^{10} + 102 a_2 b_5 T_1^{22} T_2^{10} - \\
 &166 a_4 b_5 T_1^{22} T_2^{10} - 38 c_{16} T_1^{22} T_2^{10} - 3 c_{19} T_1^{22} T_2^{10} - 38 c_{31} T_1^{22} T_2^{10} - 3 c_{34} T_1^{22} T_2^{10} - 38 c_{46} T_1^{22} T_2^{10} - \\
 &3 c_{49} T_1^{22} T_2^{10} - 38 c_{61} T_1^{22} T_2^{10} - 3 c_{64} T_1^{22} T_2^{10} + 8 c_{81} T_1^{22} T_2^{10} + 77 c_{82} T_1^{22} T_2^{10} - 8 c_{84} T_1^{22} T_2^{10} + \\
 &28 c_{85} T_1^{22} T_2^{10} + 107 a_2 b_3 T_1^{23} T_2^{10} - 168 a_4 b_3 T_1^{23} T_2^{10} - 71 a_2 b_5 T_1^{23} T_2^{10} + 81 a_4 b_5 T_1^{23} T_2^{10} + \\
 &40 c_{16} T_1^{23} T_2^{10} + 7 c_{19} T_1^{23} T_2^{10} + 40 c_{31} T_1^{23} T_2^{10} + 7 c_{34} T_1^{23} T_2^{10} + 40 c_{46} T_1^{23} T_2^{10} + 7 c_{49} T_1^{23} T_2^{10} + \\
 &40 c_{61} T_1^{23} T_2^{10} + 7 c_{64} T_1^{23} T_2^{10} + 4 c_{81} T_1^{23} T_2^{10} - 21 c_{82} T_1^{23} T_2^{10} - 4 c_{84} T_1^{23} T_2^{10} + c_{85} T_1^{23} T_2^{10} - \\
 &68 a_2 b_3 T_1^{24} T_2^{10} + 114 a_4 b_3 T_1^{24} T_2^{10} + 40 a_2 b_5 T_1^{24} T_2^{10} - 88 a_4 b_5 T_1^{24} T_2^{10} - 13 c_{16} T_1^{24} T_2^{10} -
 \end{aligned}$$

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$$\begin{aligned}
 & c_{19} T_1^{24} T_2^{10} - 13 c_{31} T_1^{24} T_2^{10} - c_{34} T_1^{24} T_2^{10} - 13 c_{46} T_1^{24} T_2^{10} - c_{49} T_1^{24} T_2^{10} - 13 c_{61} T_1^{24} T_2^{10} - \\
 & c_{64} T_1^{24} T_2^{10} - 4 c_{81} T_1^{24} T_2^{10} + 9 c_{82} T_1^{24} T_2^{10} - 8 c_{84} T_1^{24} T_2^{10} - 4 c_{85} T_1^{24} T_2^{10} + 24 a_2 b_3 T_1^{25} T_2^{10} - \\
 & 56 a_4 b_3 T_1^{25} T_2^{10} + 11 c_{16} T_1^{25} T_2^{10} + 3 c_{19} T_1^{25} T_2^{10} + 11 c_{31} T_1^{25} T_2^{10} + 3 c_{34} T_1^{25} T_2^{10} + 11 c_{46} T_1^{25} T_2^{10} + \\
 & 3 c_{49} T_1^{25} T_2^{10} + 11 c_{61} T_1^{25} T_2^{10} + 3 c_{64} T_1^{25} T_2^{10} + 8 c_{81} T_1^{25} T_2^{10} + 23 c_{82} T_1^{25} T_2^{10} + 21 c_{85} T_1^{25} T_2^{10} + \\
 & 24 c_{16} T_1^{26} T_2^{10} + c_{19} T_1^{26} T_2^{10} + 24 c_{31} T_1^{26} T_2^{10} + c_{34} T_1^{26} T_2^{10} + 24 c_{46} T_1^{26} T_2^{10} + c_{49} T_1^{26} T_2^{10} + \\
 & 24 c_{61} T_1^{26} T_2^{10} + c_{64} T_1^{26} T_2^{10} - 59 c_{82} T_1^{26} T_2^{10} - 36 c_{85} T_1^{26} T_2^{10} - 7 a_2 b_3 T_2^{11} + 8 a_4 b_3 T_2^{11} + \\
 & 15 a_2 b_5 T_2^{11} - 17 a_4 b_5 T_2^{11} + 53 c_{19} T_2^{11} + 53 c_{34} T_2^{11} + 53 c_{49} T_2^{11} + 53 c_{64} T_2^{11} + 28 c_{81} T_2^{11} + \\
 & 131 c_{82} T_2^{11} + 28 c_{84} T_2^{11} + 63 c_{85} T_2^{11} + 18 a_2 b_3 T_1 T_2^{11} - 36 a_4 b_3 T_1 T_2^{11} - 24 a_2 b_5 T_1 T_2^{11} + \\
 & 63 a_4 b_5 T_1 T_2^{11} - 13 c_{16} T_1 T_2^{11} - 59 c_{19} T_1 T_2^{11} - 13 c_{31} T_1 T_2^{11} - 59 c_{34} T_1 T_2^{11} - 13 c_{46} T_1 T_2^{11} - \\
 & 59 c_{49} T_1 T_2^{11} - 13 c_{61} T_1 T_2^{11} - 59 c_{64} T_1 T_2^{11} - 44 c_{81} T_1 T_2^{11} - 143 c_{82} T_1 T_2^{11} - 16 c_{84} T_1 T_2^{11} - \\
 & 66 c_{85} T_1 T_2^{11} - 36 a_2 b_3 T_1^2 T_2^{11} + 61 a_4 b_3 T_1^2 T_2^{11} + 49 a_2 b_5 T_1^2 T_2^{11} - 79 a_4 b_5 T_1^2 T_2^{11} + \\
 & 9 c_{16} T_1^2 T_2^{11} + 53 c_{19} T_1^2 T_2^{11} + 9 c_{31} T_1^2 T_2^{11} + 53 c_{34} T_1^2 T_2^{11} + 9 c_{46} T_1^2 T_2^{11} + 53 c_{49} T_1^2 T_2^{11} + \\
 & 9 c_{61} T_1^2 T_2^{11} + 53 c_{64} T_1^2 T_2^{11} + 54 c_{81} T_1^2 T_2^{11} + 95 c_{82} T_1^2 T_2^{11} + 38 c_{84} T_1^2 T_2^{11} + 43 c_{85} T_1^2 T_2^{11} + \\
 & 64 a_2 b_3 T_1^3 T_2^{11} - 109 a_4 b_3 T_1^3 T_2^{11} - 75 a_2 b_5 T_1^3 T_2^{11} + 165 a_4 b_5 T_1^3 T_2^{11} - 22 c_{16} T_1^3 T_2^{11} - \\
 & 63 c_{19} T_1^3 T_2^{11} - 22 c_{31} T_1^3 T_2^{11} - 63 c_{34} T_1^3 T_2^{11} - 22 c_{46} T_1^3 T_2^{11} - 63 c_{49} T_1^3 T_2^{11} - 22 c_{61} T_1^3 T_2^{11} - \\
 & 63 c_{64} T_1^3 T_2^{11} - 78 c_{81} T_1^3 T_2^{11} - 135 c_{82} T_1^3 T_2^{11} - 40 c_{84} T_1^3 T_2^{11} - 58 c_{85} T_1^3 T_2^{11} - 95 a_2 b_3 T_1^4 T_2^{11} + \\
 & 162 a_4 b_3 T_1^4 T_2^{11} + 107 a_2 b_5 T_1^4 T_2^{11} - 191 a_4 b_5 T_1^4 T_2^{11} + 18 c_{16} T_1^4 T_2^{11} + 57 c_{19} T_1^4 T_2^{11} + \\
 & 18 c_{31} T_1^4 T_2^{11} + 57 c_{34} T_1^4 T_2^{11} + 18 c_{46} T_1^4 T_2^{11} + 57 c_{49} T_1^4 T_2^{11} + 18 c_{61} T_1^4 T_2^{11} + 57 c_{64} T_1^4 T_2^{11} + \\
 & 90 c_{81} T_1^4 T_2^{11} + 75 c_{82} T_1^4 T_2^{11} + 50 c_{84} T_1^4 T_2^{11} + 23 c_{85} T_1^4 T_2^{11} + 130 a_2 b_3 T_1^5 T_2^{11} - 226 a_4 b_3 T_1^5 T_2^{11} - \\
 & 142 a_2 b_5 T_1^5 T_2^{11} + 297 a_4 b_5 T_1^5 T_2^{11} - 27 c_{16} T_1^5 T_2^{11} - 65 c_{19} T_1^5 T_2^{11} - 27 c_{31} T_1^5 T_2^{11} - 65 c_{34} T_1^5 T_2^{11} - \\
 & 27 c_{46} T_1^5 T_2^{11} - 65 c_{49} T_1^5 T_2^{11} - 27 c_{61} T_1^5 T_2^{11} - 65 c_{64} T_1^5 T_2^{11} - 106 c_{81} T_1^5 T_2^{11} - 99 c_{82} T_1^5 T_2^{11} - \\
 & 56 c_{84} T_1^5 T_2^{11} - 34 c_{85} T_1^5 T_2^{11} - 166 a_2 b_3 T_1^6 T_2^{11} + 295 a_4 b_3 T_1^6 T_2^{11} + 177 a_2 b_5 T_1^6 T_2^{11} - \\
 & 333 a_4 b_5 T_1^6 T_2^{11} + 23 c_{16} T_1^6 T_2^{11} + 61 c_{19} T_1^6 T_2^{11} + 23 c_{31} T_1^6 T_2^{11} + 61 c_{34} T_1^6 T_2^{11} + 23 c_{46} T_1^6 T_2^{11} + \\
 & 61 c_{49} T_1^6 T_2^{11} + 23 c_{61} T_1^6 T_2^{11} + 61 c_{64} T_1^6 T_2^{11} + 110 c_{81} T_1^6 T_2^{11} + 63 c_{82} T_1^6 T_2^{11} + 54 c_{84} T_1^6 T_2^{11} + \\
 & 11 c_{85} T_1^6 T_2^{11} + 204 a_2 b_3 T_1^7 T_2^{11} - 367 a_4 b_3 T_1^7 T_2^{11} - 217 a_2 b_5 T_1^7 T_2^{11} + 443 a_4 b_5 T_1^7 T_2^{11} - \\
 & 28 c_{16} T_1^7 T_2^{11} - 67 c_{19} T_1^7 T_2^{11} - 28 c_{31} T_1^7 T_2^{11} - 67 c_{34} T_1^7 T_2^{11} - 28 c_{46} T_1^7 T_2^{11} - 67 c_{49} T_1^7 T_2^{11} - \\
 & 28 c_{61} T_1^7 T_2^{11} - 67 c_{64} T_1^7 T_2^{11} - 118 c_{81} T_1^7 T_2^{11} - 63 c_{82} T_1^7 T_2^{11} - 64 c_{84} T_1^7 T_2^{11} - 10 c_{85} T_1^7 T_2^{11} - \\
 & 209 a_2 b_3 T_1^8 T_2^{11} + 417 a_4 b_3 T_1^8 T_2^{11} + 192 a_2 b_5 T_1^8 T_2^{11} - 441 a_4 b_5 T_1^8 T_2^{11} + 24 c_{16} T_1^8 T_2^{11} + \\
 & 65 c_{19} T_1^8 T_2^{11} + 24 c_{31} T_1^8 T_2^{11} + 65 c_{34} T_1^8 T_2^{11} + 24 c_{46} T_1^8 T_2^{11} + 65 c_{49} T_1^8 T_2^{11} + 24 c_{61} T_1^8 T_2^{11} + \\
 & 65 c_{64} T_1^8 T_2^{11} - 48 c_{81} T_1^8 T_2^{11} + 51 c_{82} T_1^8 T_2^{11} - 112 c_{84} T_1^8 T_2^{11} - c_{85} T_1^8 T_2^{11} + 165 a_2 b_3 T_1^9 T_2^{11} - \\
 & 355 a_4 b_3 T_1^9 T_2^{11} - 136 a_2 b_5 T_1^9 T_2^{11} + 340 a_4 b_5 T_1^9 T_2^{11} - 12 c_{16} T_1^9 T_2^{11} + 34 c_{19} T_1^9 T_2^{11} - \\
 & 12 c_{31} T_1^9 T_2^{11} + 34 c_{34} T_1^9 T_2^{11} - 12 c_{46} T_1^9 T_2^{11} + 34 c_{49} T_1^9 T_2^{11} - 12 c_{61} T_1^9 T_2^{11} + 34 c_{64} T_1^9 T_2^{11} + \\
 & 258 c_{81} T_1^9 T_2^{11} + 330 c_{82} T_1^9 T_2^{11} + 146 c_{84} T_1^9 T_2^{11} + 194 c_{85} T_1^9 T_2^{11} - 119 a_2 b_3 T_1^{10} T_2^{11} + \\
 & 258 a_4 b_3 T_1^{10} T_2^{11} + 105 a_2 b_5 T_1^{10} T_2^{11} - 258 a_4 b_5 T_1^{10} T_2^{11} - 9 c_{16} T_1^{10} T_2^{11} - 42 c_{19} T_1^{10} T_2^{11} - \\
 & 9 c_{31} T_1^{10} T_2^{11} - 42 c_{34} T_1^{10} T_2^{11} - 9 c_{46} T_1^{10} T_2^{11} - 42 c_{49} T_1^{10} T_2^{11} - 9 c_{61} T_1^{10} T_2^{11} - 42 c_{64} T_1^{10} T_2^{11} - \\
 & 282 c_{81} T_1^{10} T_2^{11} - 390 c_{82} T_1^{10} T_2^{11} - 136 c_{84} T_1^{10} T_2^{11} - 220 c_{85} T_1^{10} T_2^{11} + 61 a_2 b_3 T_1^{11} T_2^{11} - \\
 & 182 a_4 b_3 T_1^{11} T_2^{11} - 33 a_2 b_5 T_1^{11} T_2^{11} + 197 a_4 b_5 T_1^{11} T_2^{11} + 26 c_{16} T_1^{11} T_2^{11} + 26 c_{19} T_1^{11} T_2^{11} + \\
 & 26 c_{31} T_1^{11} T_2^{11} + 26 c_{34} T_1^{11} T_2^{11} + 26 c_{46} T_1^{11} T_2^{11} + 26 c_{49} T_1^{11} T_2^{11} + 26 c_{61} T_1^{11} T_2^{11} + 26 c_{64} T_1^{11} T_2^{11} + \\
 & 330 c_{81} T_1^{11} T_2^{11} + 330 c_{82} T_1^{11} T_2^{11} + 194 c_{84} T_1^{11} T_2^{11} + 194 c_{85} T_1^{11} T_2^{11} + 14 a_2 b_3 T_1^{12} T_2^{11} + \\
 & 53 a_4 b_3 T_1^{12} T_2^{11} - 27 a_2 b_5 T_1^{12} T_2^{11} - 21 a_4 b_5 T_1^{12} T_2^{11} - 43 c_{16} T_1^{12} T_2^{11} - 42 c_{19} T_1^{12} T_2^{11} - \\
 & 43 c_{31} T_1^{12} T_2^{11} - 42 c_{34} T_1^{12} T_2^{11} - 43 c_{46} T_1^{12} T_2^{11} - 42 c_{49} T_1^{12} T_2^{11} - 43 c_{61} T_1^{12} T_2^{11} - 42 c_{64} T_1^{12} T_2^{11} - \\
 & 370 c_{81} T_1^{12} T_2^{11} - 446 c_{82} T_1^{12} T_2^{11} - 176 c_{84} T_1^{12} T_2^{11} - 244 c_{85} T_1^{12} T_2^{11} - 93 a_2 b_3 T_1^{13} T_2^{11} + \\
 & 68 a_4 b_3 T_1^{13} T_2^{11} + 107 a_2 b_5 T_1^{13} T_2^{11} - 25 a_4 b_5 T_1^{13} T_2^{11} + 56 c_{16} T_1^{13} T_2^{11} + 26 c_{19} T_1^{13} T_2^{11} + \\
 & 56 c_{31} T_1^{13} T_2^{11} + 26 c_{34} T_1^{13} T_2^{11} + 56 c_{46} T_1^{13} T_2^{11} + 26 c_{49} T_1^{13} T_2^{11} + 56 c_{61} T_1^{13} T_2^{11} + 26 c_{64} T_1^{13} T_2^{11} + \\
 & 386 c_{81} T_1^{13} T_2^{11} + 362 c_{82} T_1^{13} T_2^{11} + 210 c_{84} T_1^{13} T_2^{11} + 194 c_{85} T_1^{13} T_2^{11} + 182 a_2 b_3 T_1^{14} T_2^{11} - \\
 & 219 a_4 b_3 T_1^{14} T_2^{11} - 187 a_2 b_5 T_1^{14} T_2^{11} + 254 a_4 b_5 T_1^{14} T_2^{11} - 65 c_{16} T_1^{14} T_2^{11} - 38 c_{19} T_1^{14} T_2^{11} - \\
 & 65 c_{31} T_1^{14} T_2^{11} - 38 c_{34} T_1^{14} T_2^{11} - 65 c_{46} T_1^{14} T_2^{11} - 38 c_{49} T_1^{14} T_2^{11} - 65 c_{61} T_1^{14} T_2^{11} - \\
 & 38 c_{64} T_1^{14} T_2^{11} - 410 c_{81} T_1^{14} T_2^{11} - 446 c_{82} T_1^{14} T_2^{11} - 200 c_{84} T_1^{14} T_2^{11} - 236 c_{85} T_1^{14} T_2^{11} - \\
 & 273 a_2 b_3 T_1^{15} T_2^{11} + 372 a_4 b_3 T_1^{15} T_2^{11} + 271 a_2 b_5 T_1^{15} T_2^{11} - 305 a_4 b_5 T_1^{15} T_2^{11} + 70 c_{16} T_1^{15} T_2^{11} + \\
 & 26 c_{19} T_1^{15} T_2^{11} + 70 c_{31} T_1^{15} T_2^{11} + 26 c_{34} T_1^{15} T_2^{11} + 70 c_{46} T_1^{15} T_2^{11} + 26 c_{49} T_1^{15} T_2^{11} +
 \end{aligned}$$

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$$\begin{aligned}
 &70 c_{61} T_1^{15} T_2^{11} + 26 c_{64} T_1^{15} T_2^{11} + 410 c_{81} T_1^{15} T_2^{11} + 410 c_{82} T_1^{15} T_2^{11} + 210 c_{84} T_1^{15} T_2^{11} + \\
 &210 c_{85} T_1^{15} T_2^{11} + 372 a_2 b_3 T_1^{16} T_2^{11} - 537 a_4 b_3 T_1^{16} T_2^{11} - 367 a_2 b_5 T_1^{16} T_2^{11} + 551 a_4 b_5 T_1^{16} T_2^{11} - \\
 &71 c_{16} T_1^{16} T_2^{11} - 34 c_{19} T_1^{16} T_2^{11} - 71 c_{31} T_1^{16} T_2^{11} - 34 c_{34} T_1^{16} T_2^{11} - 71 c_{46} T_1^{16} T_2^{11} - \\
 &34 c_{49} T_1^{16} T_2^{11} - 71 c_{61} T_1^{16} T_2^{11} - 34 c_{64} T_1^{16} T_2^{11} - 418 c_{81} T_1^{16} T_2^{11} - 446 c_{82} T_1^{16} T_2^{11} - \\
 &208 c_{84} T_1^{16} T_2^{11} - 228 c_{85} T_1^{16} T_2^{11} - 409 a_2 b_3 T_1^{17} T_2^{11} + 667 a_4 b_3 T_1^{17} T_2^{11} + 342 a_2 b_5 T_1^{17} T_2^{11} - \\
 &549 a_4 b_5 T_1^{17} T_2^{11} + 68 c_{16} T_1^{17} T_2^{11} + 26 c_{19} T_1^{17} T_2^{11} + 68 c_{31} T_1^{17} T_2^{11} + 26 c_{34} T_1^{17} T_2^{11} + \\
 &68 c_{46} T_1^{17} T_2^{11} + 26 c_{49} T_1^{17} T_2^{11} + 68 c_{61} T_1^{17} T_2^{11} + 26 c_{64} T_1^{17} T_2^{11} + 240 c_{81} T_1^{17} T_2^{11} + \\
 &458 c_{82} T_1^{17} T_2^{11} + 32 c_{84} T_1^{17} T_2^{11} + 226 c_{85} T_1^{17} T_2^{11} + 372 a_2 b_3 T_1^{18} T_2^{11} - 613 a_4 b_3 T_1^{18} T_2^{11} - \\
 &301 a_2 b_5 T_1^{18} T_2^{11} + 465 a_4 b_5 T_1^{18} T_2^{11} + 64 c_{16} T_1^{18} T_2^{11} + 17 c_{19} T_1^{18} T_2^{11} + 64 c_{31} T_1^{18} T_2^{11} + \\
 &17 c_{34} T_1^{18} T_2^{11} + 64 c_{46} T_1^{18} T_2^{11} + 17 c_{49} T_1^{18} T_2^{11} + 64 c_{61} T_1^{18} T_2^{11} + 17 c_{64} T_1^{18} T_2^{11} - 58 c_{81} T_1^{18} T_2^{11} - \\
 &125 c_{82} T_1^{18} T_2^{11} - 26 c_{84} T_1^{18} T_2^{11} - 49 c_{85} T_1^{18} T_2^{11} - 337 a_2 b_3 T_1^{19} T_2^{11} + 544 a_4 b_3 T_1^{19} T_2^{11} + \\
 &279 a_2 b_5 T_1^{19} T_2^{11} - 429 a_4 b_5 T_1^{19} T_2^{11} - 34 c_{16} T_1^{19} T_2^{11} - 19 c_{19} T_1^{19} T_2^{11} - 34 c_{31} T_1^{19} T_2^{11} - \\
 &19 c_{34} T_1^{19} T_2^{11} - 34 c_{46} T_1^{19} T_2^{11} - 19 c_{49} T_1^{19} T_2^{11} - 34 c_{61} T_1^{19} T_2^{11} - 19 c_{64} T_1^{19} T_2^{11} + 50 c_{81} T_1^{19} T_2^{11} + \\
 &77 c_{82} T_1^{19} T_2^{11} + 24 c_{84} T_1^{19} T_2^{11} + 26 c_{85} T_1^{19} T_2^{11} + 297 a_2 b_3 T_1^{20} T_2^{11} - 493 a_4 b_3 T_1^{20} T_2^{11} - \\
 &232 a_2 b_5 T_1^{20} T_2^{11} + 384 a_4 b_5 T_1^{20} T_2^{11} + 53 c_{16} T_1^{20} T_2^{11} + 9 c_{19} T_1^{20} T_2^{11} + 53 c_{31} T_1^{20} T_2^{11} + \\
 &9 c_{34} T_1^{20} T_2^{11} + 53 c_{46} T_1^{20} T_2^{11} + 9 c_{49} T_1^{20} T_2^{11} + 53 c_{61} T_1^{20} T_2^{11} + 9 c_{64} T_1^{20} T_2^{11} - 12 c_{81} T_1^{20} T_2^{11} - \\
 &89 c_{82} T_1^{20} T_2^{11} + 12 c_{84} T_1^{20} T_2^{11} - 29 c_{85} T_1^{20} T_2^{11} - 250 a_2 b_3 T_1^{21} T_2^{11} + 412 a_4 b_3 T_1^{21} T_2^{11} + \\
 &198 a_2 b_5 T_1^{21} T_2^{11} - 294 a_4 b_5 T_1^{21} T_2^{11} - 55 c_{16} T_1^{21} T_2^{11} - 15 c_{19} T_1^{21} T_2^{11} - 55 c_{31} T_1^{21} T_2^{11} - \\
 &15 c_{34} T_1^{21} T_2^{11} - 55 c_{46} T_1^{21} T_2^{11} - 15 c_{49} T_1^{21} T_2^{11} - 55 c_{61} T_1^{21} T_2^{11} - 15 c_{64} T_1^{21} T_2^{11} - 4 c_{81} T_1^{21} T_2^{11} + \\
 &13 c_{82} T_1^{21} T_2^{11} + 8 c_{84} T_1^{21} T_2^{11} - 6 c_{85} T_1^{21} T_2^{11} + 202 a_2 b_3 T_1^{22} T_2^{11} - 344 a_4 b_3 T_1^{22} T_2^{11} - \\
 &150 a_2 b_5 T_1^{22} T_2^{11} + 274 a_4 b_5 T_1^{22} T_2^{11} + 34 c_{16} T_1^{22} T_2^{11} + 5 c_{19} T_1^{22} T_2^{11} + 34 c_{31} T_1^{22} T_2^{11} + \\
 &5 c_{34} T_1^{22} T_2^{11} + 34 c_{46} T_1^{22} T_2^{11} + 5 c_{49} T_1^{22} T_2^{11} + 34 c_{61} T_1^{22} T_2^{11} + 5 c_{64} T_1^{22} T_2^{11} + 8 c_{81} T_1^{22} T_2^{11} - \\
 &37 c_{82} T_1^{22} T_2^{11} + 16 c_{84} T_1^{22} T_2^{11} - 9 c_{85} T_1^{22} T_2^{11} - 148 a_2 b_3 T_1^{23} T_2^{11} + 257 a_4 b_3 T_1^{23} T_2^{11} + \\
 &105 a_2 b_5 T_1^{23} T_2^{11} - 151 a_4 b_5 T_1^{23} T_2^{11} - 32 c_{16} T_1^{23} T_2^{11} - 9 c_{19} T_1^{23} T_2^{11} - 32 c_{31} T_1^{23} T_2^{11} - \\
 &9 c_{34} T_1^{23} T_2^{11} - 32 c_{46} T_1^{23} T_2^{11} - 9 c_{49} T_1^{23} T_2^{11} - 32 c_{61} T_1^{23} T_2^{11} - 9 c_{64} T_1^{23} T_2^{11} - 16 c_{81} T_1^{23} T_2^{11} - \\
 &23 c_{82} T_1^{23} T_2^{11} - 22 c_{85} T_1^{23} T_2^{11} + 93 a_2 b_3 T_1^{24} T_2^{11} - 173 a_4 b_3 T_1^{24} T_2^{11} - 56 a_2 b_5 T_1^{24} T_2^{11} + \\
 &136 a_4 b_5 T_1^{24} T_2^{11} + 3 c_{16} T_1^{24} T_2^{11} + c_{19} T_1^{24} T_2^{11} + 3 c_{31} T_1^{24} T_2^{11} + 3 c_{34} T_1^{24} T_2^{11} + 3 c_{46} T_1^{24} T_2^{11} + \\
 &c_{49} T_1^{24} T_2^{11} + 3 c_{61} T_1^{24} T_2^{11} + c_{64} T_1^{24} T_2^{11} + 12 c_{81} T_1^{24} T_2^{11} + 23 c_{82} T_1^{24} T_2^{11} + 12 c_{84} T_1^{24} T_2^{11} + \\
 &19 c_{85} T_1^{24} T_2^{11} - 32 a_2 b_3 T_1^{25} T_2^{11} + 80 a_4 b_3 T_1^{25} T_2^{11} + 3 c_{16} T_1^{25} T_2^{11} - 3 c_{19} T_1^{25} T_2^{11} + \\
 &3 c_{31} T_1^{25} T_2^{11} - 3 c_{34} T_1^{25} T_2^{11} + 3 c_{46} T_1^{25} T_2^{11} - 3 c_{49} T_1^{25} T_2^{11} + 3 c_{61} T_1^{25} T_2^{11} - 3 c_{64} T_1^{25} T_2^{11} - \\
 &12 c_{81} T_1^{25} T_2^{11} - 59 c_{82} T_1^{25} T_2^{11} - 38 c_{85} T_1^{25} T_2^{11} - 40 c_{16} T_1^{26} T_2^{11} - 3 c_{19} T_1^{26} T_2^{11} - \\
 &40 c_{31} T_1^{26} T_2^{11} - 3 c_{34} T_1^{26} T_2^{11} - 40 c_{46} T_1^{26} T_2^{11} - 3 c_{49} T_1^{26} T_2^{11} - 40 c_{61} T_1^{26} T_2^{11} - 3 c_{64} T_1^{26} T_2^{11} + \\
 &83 c_{82} T_1^{26} T_2^{11} + 47 c_{85} T_1^{26} T_2^{11} + 6 a_2 b_3 T_1^{12} - 7 a_4 b_3 T_1^{12} - 13 a_2 b_5 T_1^{12} + 15 a_4 b_5 T_1^{12} - \\
 &53 c_{19} T_1^{12} - 53 c_{34} T_1^{12} - 53 c_{49} T_1^{12} - 53 c_{64} T_1^{12} - 24 c_{81} T_1^{12} - 119 c_{82} T_1^{12} - 24 c_{84} T_1^{12} - \\
 &56 c_{85} T_1^{12} - 15 a_2 b_3 T_1 T_2^{12} + 31 a_4 b_3 T_1 T_2^{12} + 20 a_2 b_5 T_1 T_2^{12} - 52 a_4 b_5 T_1 T_2^{12} + \\
 &11 c_{16} T_1 T_2^{12} + 53 c_{19} T_1 T_2^{12} + 11 c_{31} T_1 T_2^{12} + 53 c_{34} T_1 T_2^{12} + 11 c_{46} T_1 T_2^{12} + 53 c_{49} T_1 T_2^{12} + \\
 &11 c_{61} T_1 T_2^{12} + 53 c_{64} T_1 T_2^{12} + 36 c_{81} T_1 T_2^{12} + 119 c_{82} T_1 T_2^{12} + 12 c_{84} T_1 T_2^{12} + \\
 &53 c_{85} T_1 T_2^{12} + 30 a_2 b_3 T_1^2 T_2^{12} - 56 a_4 b_3 T_1^2 T_2^{12} - 46 a_2 b_5 T_1^2 T_2^{12} + 65 a_4 b_5 T_1^2 T_2^{12} - \\
 &7 c_{16} T_1^2 T_2^{12} - 47 c_{19} T_1^2 T_2^{12} - 7 c_{31} T_1^2 T_2^{12} - 47 c_{34} T_1^2 T_2^{12} - 7 c_{46} T_1^2 T_2^{12} - 47 c_{49} T_1^2 T_2^{12} - \\
 &7 c_{61} T_1^2 T_2^{12} - 47 c_{64} T_1^2 T_2^{12} - 52 c_{81} T_1^2 T_2^{12} - 75 c_{82} T_1^2 T_2^{12} - 40 c_{84} T_1^2 T_2^{12} - 32 c_{85} T_1^2 T_2^{12} - \\
 &48 a_2 b_3 T_1^3 T_2^{12} + 110 a_4 b_3 T_1^3 T_2^{12} + 66 a_2 b_5 T_1^3 T_2^{12} - 154 a_4 b_5 T_1^3 T_2^{12} + 18 c_{16} T_1^3 T_2^{12} + \\
 &53 c_{19} T_1^3 T_2^{12} + 18 c_{31} T_1^3 T_2^{12} + 53 c_{34} T_1^3 T_2^{12} + 18 c_{46} T_1^3 T_2^{12} + 53 c_{49} T_1^3 T_2^{12} + 18 c_{61} T_1^3 T_2^{12} + \\
 &53 c_{64} T_1^3 T_2^{12} + 70 c_{81} T_1^3 T_2^{12} + 99 c_{82} T_1^3 T_2^{12} + 30 c_{84} T_1^3 T_2^{12} + 41 c_{85} T_1^3 T_2^{12} + 64 a_2 b_3 T_1^4 T_2^{12} - \\
 &161 a_4 b_3 T_1^4 T_2^{12} - 93 a_2 b_5 T_1^4 T_2^{12} + 169 a_4 b_5 T_1^4 T_2^{12} - 10 c_{16} T_1^4 T_2^{12} - 43 c_{19} T_1^4 T_2^{12} - \\
 &10 c_{31} T_1^4 T_2^{12} - 43 c_{34} T_1^4 T_2^{12} - 10 c_{46} T_1^4 T_2^{12} - 43 c_{49} T_1^4 T_2^{12} - 10 c_{61} T_1^4 T_2^{12} - 43 c_{64} T_1^4 T_2^{12} - \\
 &62 c_{81} T_1^4 T_2^{12} - 31 c_{82} T_1^4 T_2^{12} - 32 c_{84} T_1^4 T_2^{12} - 8 c_{85} T_1^4 T_2^{12} - 85 a_2 b_3 T_1^5 T_2^{12} + 223 a_4 b_3 T_1^5 T_2^{12} + \\
 &122 a_2 b_5 T_1^5 T_2^{12} - 280 a_4 b_5 T_1^5 T_2^{12} + 17 c_{16} T_1^5 T_2^{12} + 49 c_{19} T_1^5 T_2^{12} + 17 c_{31} T_1^5 T_2^{12} + \\
 &49 c_{34} T_1^5 T_2^{12} + 17 c_{46} T_1^5 T_2^{12} + 49 c_{49} T_1^5 T_2^{12} + 17 c_{61} T_1^5 T_2^{12} + 49 c_{64} T_1^5 T_2^{12} + 58 c_{81} T_1^5 T_2^{12} + \\
 &59 c_{82} T_1^5 T_2^{12} + 26 c_{84} T_1^5 T_2^{12} + 25 c_{85} T_1^5 T_2^{12} + 108 a_2 b_3 T_1^6 T_2^{12} - 288 a_4 b_3 T_1^6 T_2^{12} - \\
 &152 a_2 b_5 T_1^6 T_2^{12} + 303 a_4 b_5 T_1^6 T_2^{12} - 9 c_{16} T_1^6 T_2^{12} - 41 c_{19} T_1^6 T_2^{12} - 9 c_{31} T_1^6 T_2^{12} - 41 c_{34} T_1^6 T_2^{12} -
 \end{aligned}$$

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$$\begin{aligned}
 & 9 c_{46} T_1^6 T_2^{12} - 41 c_{49} T_1^6 T_2^{12} - 9 c_{61} T_1^6 T_2^{12} - 41 c_{64} T_1^6 T_2^{12} - 42 c_{81} T_1^6 T_2^{12} - 11 c_{82} T_1^6 T_2^{12} - \\
 & 16 c_{84} T_1^6 T_2^{12} - 134 a_2 b_3 T_1^7 T_2^{12} + 356 a_4 b_3 T_1^7 T_2^{12} + 186 a_2 b_5 T_1^7 T_2^{12} - 420 a_4 b_5 T_1^7 T_2^{12} + \\
 & 12 c_{16} T_1^7 T_2^{12} + 45 c_{19} T_1^7 T_2^{12} + 12 c_{31} T_1^7 T_2^{12} + 45 c_{34} T_1^7 T_2^{12} + 12 c_{46} T_1^7 T_2^{12} + 45 c_{49} T_1^7 T_2^{12} + \\
 & 12 c_{61} T_1^7 T_2^{12} + 45 c_{64} T_1^7 T_2^{12} + 30 c_{81} T_1^7 T_2^{12} + 15 c_{82} T_1^7 T_2^{12} + 14 c_{84} T_1^7 T_2^{12} + 5 c_{85} T_1^7 T_2^{12} + \\
 & 122 a_2 b_3 T_1^8 T_2^{12} - 395 a_4 b_3 T_1^8 T_2^{12} - 145 a_2 b_5 T_1^8 T_2^{12} + 392 a_4 b_5 T_1^8 T_2^{12} - 4 c_{16} T_1^8 T_2^{12} - \\
 & 39 c_{19} T_1^8 T_2^{12} - 4 c_{31} T_1^8 T_2^{12} - 39 c_{34} T_1^8 T_2^{12} - 4 c_{46} T_1^8 T_2^{12} - 39 c_{49} T_1^8 T_2^{12} - 4 c_{61} T_1^8 T_2^{12} - \\
 & 39 c_{64} T_1^8 T_2^{12} + 156 c_{81} T_1^8 T_2^{12} + 9 c_{82} T_1^8 T_2^{12} + 170 c_{84} T_1^8 T_2^{12} + 8 c_{85} T_1^8 T_2^{12} - 58 a_2 b_3 T_1^9 T_2^{12} + \\
 & 310 a_4 b_3 T_1^9 T_2^{12} + 78 a_2 b_5 T_1^9 T_2^{12} - 273 a_4 b_5 T_1^9 T_2^{12} - 8 c_{16} T_1^9 T_2^{12} - 59 c_{19} T_1^9 T_2^{12} - \\
 & 8 c_{31} T_1^9 T_2^{12} - 59 c_{34} T_1^9 T_2^{12} - 8 c_{46} T_1^9 T_2^{12} - 59 c_{49} T_1^9 T_2^{12} - 8 c_{61} T_1^9 T_2^{12} - 59 c_{64} T_1^9 T_2^{12} - \\
 & 374 c_{81} T_1^9 T_2^{12} - 386 c_{82} T_1^9 T_2^{12} - 204 c_{84} T_1^9 T_2^{12} - 192 c_{85} T_1^9 T_2^{12} - 8 a_2 b_3 T_1^{10} T_2^{12} - \\
 & 197 a_4 b_3 T_1^{10} T_2^{12} - 33 a_2 b_5 T_1^{10} T_2^{12} + 182 a_4 b_5 T_1^{10} T_2^{12} + 27 c_{16} T_1^{10} T_2^{12} + 57 c_{19} T_1^{10} T_2^{12} + \\
 & 27 c_{31} T_1^{10} T_2^{12} + 57 c_{34} T_1^{10} T_2^{12} + 27 c_{46} T_1^{10} T_2^{12} + 57 c_{49} T_1^{10} T_2^{12} + 27 c_{61} T_1^{10} T_2^{12} + \\
 & 57 c_{64} T_1^{10} T_2^{12} + 406 c_{81} T_1^{10} T_2^{12} + 422 c_{82} T_1^{10} T_2^{12} + 202 c_{84} T_1^{10} T_2^{12} + 202 c_{85} T_1^{10} T_2^{12} + \\
 & 86 a_2 b_3 T_1^{11} T_2^{12} + 94 a_4 b_3 T_1^{11} T_2^{12} - 58 a_2 b_5 T_1^{11} T_2^{12} - 94 a_4 b_5 T_1^{11} T_2^{12} - 42 c_{16} T_1^{11} T_2^{12} - \\
 & 43 c_{19} T_1^{11} T_2^{12} - 42 c_{31} T_1^{11} T_2^{12} - 43 c_{34} T_1^{11} T_2^{12} - 42 c_{46} T_1^{11} T_2^{12} - 43 c_{49} T_1^{11} T_2^{12} - \\
 & 42 c_{61} T_1^{11} T_2^{12} - 43 c_{64} T_1^{11} T_2^{12} - 446 c_{81} T_1^{11} T_2^{12} - 370 c_{82} T_1^{11} T_2^{12} - 244 c_{84} T_1^{11} T_2^{12} - \\
 & 176 c_{85} T_1^{11} T_2^{12} - 168 a_2 b_3 T_1^{12} T_2^{12} + 72 a_4 b_3 T_1^{12} T_2^{12} + 124 a_2 b_5 T_1^{12} T_2^{12} - 113 a_4 b_5 T_1^{12} T_2^{12} + \\
 & 53 c_{16} T_1^{12} T_2^{12} + 53 c_{19} T_1^{12} T_2^{12} + 53 c_{31} T_1^{12} T_2^{12} + 53 c_{34} T_1^{12} T_2^{12} + 53 c_{46} T_1^{12} T_2^{12} + \\
 & 53 c_{49} T_1^{12} T_2^{12} + 53 c_{61} T_1^{12} T_2^{12} + 53 c_{64} T_1^{12} T_2^{12} + 454 c_{81} T_1^{12} T_2^{12} + 454 c_{82} T_1^{12} T_2^{12} + \\
 & 210 c_{84} T_1^{12} T_2^{12} + 210 c_{85} T_1^{12} T_2^{12} + 246 a_2 b_3 T_1^{13} T_2^{12} - 217 a_4 b_3 T_1^{13} T_2^{12} - 215 a_2 b_5 T_1^{13} T_2^{12} + \\
 & 172 a_4 b_5 T_1^{13} T_2^{12} - 56 c_{16} T_1^{13} T_2^{12} - 31 c_{19} T_1^{13} T_2^{12} - 56 c_{31} T_1^{13} T_2^{12} - 31 c_{34} T_1^{13} T_2^{12} - \\
 & 56 c_{46} T_1^{13} T_2^{12} - 31 c_{49} T_1^{13} T_2^{12} - 56 c_{61} T_1^{13} T_2^{12} - 31 c_{64} T_1^{13} T_2^{12} - 446 c_{81} T_1^{13} T_2^{12} - \\
 & 354 c_{82} T_1^{13} T_2^{12} - 236 c_{84} T_1^{13} T_2^{12} - 160 c_{85} T_1^{13} T_2^{12} - 336 a_2 b_3 T_1^{14} T_2^{12} + 397 a_4 b_3 T_1^{14} T_2^{12} + \\
 & 303 a_2 b_5 T_1^{14} T_2^{12} - 444 a_4 b_5 T_1^{14} T_2^{12} + 55 c_{16} T_1^{14} T_2^{12} + 41 c_{19} T_1^{14} T_2^{12} + 55 c_{31} T_1^{14} T_2^{12} + \\
 & 41 c_{34} T_1^{14} T_2^{12} + 55 c_{46} T_1^{14} T_2^{12} + 41 c_{49} T_1^{14} T_2^{12} + 55 c_{61} T_1^{14} T_2^{12} + 41 c_{64} T_1^{14} T_2^{12} + \\
 & 446 c_{81} T_1^{14} T_2^{12} + 446 c_{82} T_1^{14} T_2^{12} + 210 c_{84} T_1^{14} T_2^{12} + 210 c_{85} T_1^{14} T_2^{12} + 430 a_2 b_3 T_1^{15} T_2^{12} - \\
 & 576 a_4 b_3 T_1^{15} T_2^{12} - 400 a_2 b_5 T_1^{15} T_2^{12} + 504 a_4 b_5 T_1^{15} T_2^{12} - 50 c_{16} T_1^{15} T_2^{12} - 23 c_{19} T_1^{15} T_2^{12} - \\
 & 50 c_{31} T_1^{15} T_2^{12} - 23 c_{34} T_1^{15} T_2^{12} - 50 c_{46} T_1^{15} T_2^{12} - 23 c_{49} T_1^{15} T_2^{12} - 50 c_{61} T_1^{15} T_2^{12} - 23 c_{64} T_1^{15} T_2^{12} - \\
 & 422 c_{81} T_1^{15} T_2^{12} - 386 c_{82} T_1^{15} T_2^{12} - 212 c_{84} T_1^{15} T_2^{12} - 176 c_{85} T_1^{15} T_2^{12} - 534 a_2 b_3 T_1^{16} T_2^{12} + \\
 & 772 a_4 b_3 T_1^{16} T_2^{12} + 506 a_2 b_5 T_1^{16} T_2^{12} - 805 a_4 b_5 T_1^{16} T_2^{12} + 41 c_{16} T_1^{16} T_2^{12} + 29 c_{19} T_1^{16} T_2^{12} + \\
 & 41 c_{31} T_1^{16} T_2^{12} + 29 c_{34} T_1^{16} T_2^{12} + 41 c_{46} T_1^{16} T_2^{12} + 29 c_{49} T_1^{16} T_2^{12} + 41 c_{61} T_1^{16} T_2^{12} + 29 c_{64} T_1^{16} T_2^{12} + \\
 & 406 c_{81} T_1^{16} T_2^{12} + 430 c_{82} T_1^{16} T_2^{12} + 194 c_{84} T_1^{16} T_2^{12} + 202 c_{85} T_1^{16} T_2^{12} + 562 a_2 b_3 T_1^{17} T_2^{12} - \\
 & 915 a_4 b_3 T_1^{17} T_2^{12} - 465 a_2 b_5 T_1^{17} T_2^{12} + 777 a_4 b_5 T_1^{17} T_2^{12} - 28 c_{16} T_1^{17} T_2^{12} - 15 c_{19} T_1^{17} T_2^{12} - \\
 & 28 c_{31} T_1^{17} T_2^{12} - 15 c_{34} T_1^{17} T_2^{12} - 28 c_{46} T_1^{17} T_2^{12} - 15 c_{49} T_1^{17} T_2^{12} - 28 c_{61} T_1^{17} T_2^{12} - 15 c_{64} T_1^{17} T_2^{12} - \\
 & 204 c_{81} T_1^{17} T_2^{12} - 418 c_{82} T_1^{17} T_2^{12} - 10 c_{84} T_1^{17} T_2^{12} - 192 c_{85} T_1^{17} T_2^{12} - 504 a_2 b_3 T_1^{18} T_2^{12} + \\
 & 837 a_4 b_3 T_1^{18} T_2^{12} + 411 a_2 b_5 T_1^{18} T_2^{12} - 673 a_4 b_5 T_1^{18} T_2^{12} - 92 c_{16} T_1^{18} T_2^{12} - 24 c_{19} T_1^{18} T_2^{12} - \\
 & 92 c_{31} T_1^{18} T_2^{12} - 24 c_{34} T_1^{18} T_2^{12} - 92 c_{46} T_1^{18} T_2^{12} - 24 c_{49} T_1^{18} T_2^{12} - 92 c_{61} T_1^{18} T_2^{12} - 24 c_{64} T_1^{18} T_2^{12} + \\
 & 10 c_{81} T_1^{18} T_2^{12} + 57 c_{82} T_1^{18} T_2^{12} + 8 c_{85} T_1^{18} T_2^{12} + 447 a_2 b_3 T_1^{19} T_2^{12} - 748 a_4 b_3 T_1^{19} T_2^{12} - \\
 & 373 a_2 b_5 T_1^{19} T_2^{12} + 619 a_4 b_5 T_1^{19} T_2^{12} + 66 c_{16} T_1^{19} T_2^{12} + 22 c_{19} T_1^{19} T_2^{12} + 66 c_{31} T_1^{19} T_2^{12} + \\
 & 22 c_{34} T_1^{19} T_2^{12} + 66 c_{46} T_1^{19} T_2^{12} + 22 c_{49} T_1^{19} T_2^{12} + 66 c_{61} T_1^{19} T_2^{12} + 22 c_{64} T_1^{19} T_2^{12} + 10 c_{81} T_1^{19} T_2^{12} - \\
 & 21 c_{82} T_1^{19} T_2^{12} + 10 c_{84} T_1^{19} T_2^{12} + 5 c_{85} T_1^{19} T_2^{12} - 384 a_2 b_3 T_1^{20} T_2^{12} + 670 a_4 b_3 T_1^{20} T_2^{12} + \\
 & 308 a_2 b_5 T_1^{20} T_2^{12} - 544 a_4 b_5 T_1^{20} T_2^{12} - 87 c_{16} T_1^{20} T_2^{12} - 14 c_{19} T_1^{20} T_2^{12} - 87 c_{31} T_1^{20} T_2^{12} - \\
 & 14 c_{34} T_1^{20} T_2^{12} - 87 c_{46} T_1^{20} T_2^{12} - 14 c_{49} T_1^{20} T_2^{12} - 87 c_{61} T_1^{20} T_2^{12} - 14 c_{64} T_1^{20} T_2^{12} - \\
 & 34 c_{81} T_1^{20} T_2^{12} + 29 c_{82} T_1^{20} T_2^{12} - 24 c_{84} T_1^{20} T_2^{12} + 320 a_2 b_3 T_1^{21} T_2^{12} - 558 a_4 b_3 T_1^{21} T_2^{12} - \\
 & 262 a_2 b_5 T_1^{21} T_2^{12} + 426 a_4 b_5 T_1^{21} T_2^{12} + 53 c_{16} T_1^{21} T_2^{12} + 18 c_{19} T_1^{21} T_2^{12} + 53 c_{31} T_1^{21} T_2^{12} + \\
 & 18 c_{34} T_1^{21} T_2^{12} + 53 c_{46} T_1^{21} T_2^{12} + 18 c_{49} T_1^{21} T_2^{12} + 53 c_{61} T_1^{21} T_2^{12} + 18 c_{64} T_1^{21} T_2^{12} + 24 c_{81} T_1^{21} T_2^{12} - \\
 & 31 c_{82} T_1^{21} T_2^{12} + 25 c_{85} T_1^{21} T_2^{12} - 258 a_2 b_3 T_1^{22} T_2^{12} + 464 a_4 b_3 T_1^{22} T_2^{12} + 198 a_2 b_5 T_1^{22} T_2^{12} - \\
 & 382 a_4 b_5 T_1^{22} T_2^{12} - 30 c_{16} T_1^{22} T_2^{12} - 6 c_{19} T_1^{22} T_2^{12} - 30 c_{31} T_1^{22} T_2^{12} - 6 c_{34} T_1^{22} T_2^{12} - \\
 & 30 c_{46} T_1^{22} T_2^{12} - 6 c_{49} T_1^{22} T_2^{12} - 30 c_{61} T_1^{22} T_2^{12} - 6 c_{64} T_1^{22} T_2^{12} - 24 c_{81} T_1^{22} T_2^{12} + c_{82} T_1^{22} T_2^{12} - \\
 & 24 c_{84} T_1^{22} T_2^{12} - 8 c_{85} T_1^{22} T_2^{12} + 189 a_2 b_3 T_1^{23} T_2^{12} - 346 a_4 b_3 T_1^{23} T_2^{12} - 139 a_2 b_5 T_1^{23} T_2^{12} +
 \end{aligned}$$

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$$\begin{aligned}
 & 221 a_4 b_5 T_1^{23} T_2^{12} + 24 c_{16} T_1^{23} T_2^{12} + 10 c_{19} T_1^{23} T_2^{12} + 24 c_{31} T_1^{23} T_2^{12} + 10 c_{34} T_1^{23} T_2^{12} + \\
 & 24 c_{46} T_1^{23} T_2^{12} + 10 c_{49} T_1^{23} T_2^{12} + 24 c_{61} T_1^{23} T_2^{12} + 10 c_{64} T_1^{23} T_2^{12} + 28 c_{81} T_1^{23} T_2^{12} + 63 c_{82} T_1^{23} T_2^{12} + \\
 & 4 c_{84} T_1^{23} T_2^{12} + 41 c_{85} T_1^{23} T_2^{12} - 118 a_2 b_3 T_1^{24} T_2^{12} + 232 a_4 b_3 T_1^{24} T_2^{12} + 72 a_2 b_5 T_1^{24} T_2^{12} - \\
 & 184 a_4 b_5 T_1^{24} T_2^{12} + 7 c_{16} T_1^{24} T_2^{12} + 7 c_{31} T_1^{24} T_2^{12} + 7 c_{46} T_1^{24} T_2^{12} + 7 c_{61} T_1^{24} T_2^{12} - 20 c_{81} T_1^{24} T_2^{12} - \\
 & 51 c_{82} T_1^{24} T_2^{12} - 16 c_{84} T_1^{24} T_2^{12} - 32 c_{85} T_1^{24} T_2^{12} + 40 a_2 b_3 T_1^{25} T_2^{12} - 104 a_4 b_3 T_1^{25} T_2^{12} - \\
 & 17 c_{16} T_1^{25} T_2^{12} + 2 c_{19} T_1^{25} T_2^{12} - 17 c_{31} T_1^{25} T_2^{12} + 2 c_{34} T_1^{25} T_2^{12} - 17 c_{46} T_1^{25} T_2^{12} + 2 c_{49} T_1^{25} T_2^{12} - \\
 & 17 c_{61} T_1^{25} T_2^{12} + 2 c_{64} T_1^{25} T_2^{12} + 16 c_{81} T_1^{25} T_2^{12} + 91 c_{82} T_1^{25} T_2^{12} + 53 c_{85} T_1^{25} T_2^{12} + \\
 & 56 c_{16} T_1^{26} T_2^{12} + 6 c_{19} T_1^{26} T_2^{12} + 56 c_{31} T_1^{26} T_2^{12} + 6 c_{34} T_1^{26} T_2^{12} + 56 c_{46} T_1^{26} T_2^{12} + 6 c_{49} T_1^{26} T_2^{12} + \\
 & 56 c_{61} T_1^{26} T_2^{12} + 6 c_{64} T_1^{26} T_2^{12} - 103 c_{82} T_1^{26} T_2^{12} - 56 c_{85} T_1^{26} T_2^{12} - 5 a_2 b_3 T_2^{13} + 6 a_4 b_3 T_2^{13} + \\
 & 11 a_2 b_5 T_2^{13} - 13 a_4 b_5 T_2^{13} + 50 c_{19} T_2^{13} + 50 c_{34} T_2^{13} + 50 c_{49} T_2^{13} + 50 c_{64} T_2^{13} + 20 c_{81} T_2^{13} + \\
 & 103 c_{82} T_2^{13} + 20 c_{84} T_2^{13} + 47 c_{85} T_2^{13} + 12 a_2 b_3 T_1 T_2^{13} - 26 a_4 b_3 T_1 T_2^{13} - 16 a_2 b_5 T_1 T_2^{13} + \\
 & 44 a_4 b_5 T_1 T_2^{13} - 9 c_{16} T_1 T_2^{13} - 44 c_{19} T_1 T_2^{13} - 9 c_{31} T_1 T_2^{13} - 44 c_{34} T_1 T_2^{13} - 9 c_{46} T_1 T_2^{13} - \\
 & 44 c_{49} T_1 T_2^{13} - 9 c_{61} T_1 T_2^{13} - 44 c_{64} T_1 T_2^{13} - 28 c_{81} T_1 T_2^{13} - 91 c_{82} T_1 T_2^{13} - 8 c_{84} T_1 T_2^{13} - \\
 & 38 c_{85} T_1 T_2^{13} - 24 a_2 b_3 T_1^2 T_2^{13} + 46 a_4 b_3 T_1^2 T_2^{13} + 38 a_2 b_5 T_1^2 T_2^{13} - 58 a_4 b_5 T_1^2 T_2^{13} + \\
 & 5 c_{16} T_1^2 T_2^{13} + 38 c_{19} T_1^2 T_2^{13} + 5 c_{31} T_1^2 T_2^{13} + 38 c_{34} T_1^2 T_2^{13} + 5 c_{46} T_1^2 T_2^{13} + 38 c_{49} T_1^2 T_2^{13} + \\
 & 5 c_{61} T_1^2 T_2^{13} + 38 c_{64} T_1^2 T_2^{13} + 40 c_{81} T_1^2 T_2^{13} + 51 c_{82} T_1^2 T_2^{13} + 32 c_{84} T_1^2 T_2^{13} + 19 c_{85} T_1^2 T_2^{13} + \\
 & 38 a_2 b_3 T_1^3 T_2^{13} - 86 a_4 b_3 T_1^3 T_2^{13} - 48 a_2 b_5 T_1^3 T_2^{13} + 138 a_4 b_5 T_1^3 T_2^{13} - 14 c_{16} T_1^3 T_2^{13} - \\
 & 38 c_{19} T_1^3 T_2^{13} - 14 c_{31} T_1^3 T_2^{13} - 38 c_{34} T_1^3 T_2^{13} - 14 c_{46} T_1^3 T_2^{13} - 38 c_{49} T_1^3 T_2^{13} - 14 c_{61} T_1^3 T_2^{13} - \\
 & 38 c_{64} T_1^3 T_2^{13} - 40 c_{81} T_1^3 T_2^{13} - 63 c_{82} T_1^3 T_2^{13} - 8 c_{84} T_1^3 T_2^{13} - 22 c_{85} T_1^3 T_2^{13} - 57 a_2 b_3 T_1^4 T_2^{13} + \\
 & 112 a_4 b_3 T_1^4 T_2^{13} + 73 a_2 b_5 T_1^4 T_2^{13} - 135 a_4 b_5 T_1^4 T_2^{13} + 6 c_{16} T_1^4 T_2^{13} + 26 c_{19} T_1^4 T_2^{13} + \\
 & 6 c_{31} T_1^4 T_2^{13} + 26 c_{34} T_1^4 T_2^{13} + 6 c_{46} T_1^4 T_2^{13} + 26 c_{49} T_1^4 T_2^{13} + 6 c_{61} T_1^4 T_2^{13} + 26 c_{64} T_1^4 T_2^{13} + \\
 & 26 c_{81} T_1^4 T_2^{13} - c_{82} T_1^4 T_2^{13} + 18 c_{84} T_1^4 T_2^{13} - 9 c_{85} T_1^4 T_2^{13} + 87 a_2 b_3 T_1^5 T_2^{13} - 158 a_4 b_3 T_1^5 T_2^{13} - \\
 & 99 a_2 b_5 T_1^5 T_2^{13} + 246 a_4 b_5 T_1^5 T_2^{13} - 15 c_{16} T_1^5 T_2^{13} - 30 c_{19} T_1^5 T_2^{13} - 15 c_{31} T_1^5 T_2^{13} - 30 c_{34} T_1^5 T_2^{13} - \\
 & 15 c_{46} T_1^5 T_2^{13} - 30 c_{49} T_1^5 T_2^{13} - 15 c_{61} T_1^5 T_2^{13} - 30 c_{64} T_1^5 T_2^{13} - 34 c_{81} T_1^5 T_2^{13} - 31 c_{82} T_1^5 T_2^{13} - \\
 & 16 c_{84} T_1^5 T_2^{13} - 6 c_{85} T_1^5 T_2^{13} - 118 a_2 b_3 T_1^6 T_2^{13} + 207 a_4 b_3 T_1^6 T_2^{13} + 127 a_2 b_5 T_1^6 T_2^{13} - \\
 & 249 a_4 b_5 T_1^6 T_2^{13} + 7 c_{16} T_1^6 T_2^{13} + 18 c_{19} T_1^6 T_2^{13} + 7 c_{31} T_1^6 T_2^{13} + 18 c_{34} T_1^6 T_2^{13} + 7 c_{46} T_1^6 T_2^{13} + \\
 & 18 c_{49} T_1^6 T_2^{13} + 7 c_{61} T_1^6 T_2^{13} + 18 c_{64} T_1^6 T_2^{13} + 30 c_{81} T_1^6 T_2^{13} - 29 c_{82} T_1^6 T_2^{13} + 14 c_{84} T_1^6 T_2^{13} - \\
 & 29 c_{85} T_1^6 T_2^{13} + 151 a_2 b_3 T_1^7 T_2^{13} - 261 a_4 b_3 T_1^7 T_2^{13} - 158 a_2 b_5 T_1^7 T_2^{13} + 368 a_4 b_5 T_1^7 T_2^{13} - \\
 & 12 c_{16} T_1^7 T_2^{13} - 20 c_{19} T_1^7 T_2^{13} - 12 c_{31} T_1^7 T_2^{13} - 20 c_{34} T_1^7 T_2^{13} - 12 c_{46} T_1^7 T_2^{13} - 20 c_{49} T_1^7 T_2^{13} - \\
 & 12 c_{61} T_1^7 T_2^{13} - 20 c_{64} T_1^7 T_2^{13} - 30 c_{81} T_1^7 T_2^{13} + 21 c_{82} T_1^7 T_2^{13} - 16 c_{84} T_1^7 T_2^{13} + 26 c_{85} T_1^7 T_2^{13} - \\
 & 140 a_2 b_3 T_1^8 T_2^{13} + 280 a_4 b_3 T_1^8 T_2^{13} + 104 a_2 b_5 T_1^8 T_2^{13} - 307 a_4 b_5 T_1^8 T_2^{13} + 4 c_{16} T_1^8 T_2^{13} + \\
 & 10 c_{19} T_1^8 T_2^{13} + 4 c_{31} T_1^8 T_2^{13} + 10 c_{34} T_1^8 T_2^{13} + 4 c_{46} T_1^8 T_2^{13} + 10 c_{49} T_1^8 T_2^{13} + 4 c_{61} T_1^8 T_2^{13} + \\
 & 10 c_{64} T_1^8 T_2^{13} - 144 c_{81} T_1^8 T_2^{13} - 57 c_{82} T_1^8 T_2^{13} - 160 c_{84} T_1^8 T_2^{13} - 49 c_{85} T_1^8 T_2^{13} + 75 a_2 b_3 T_1^9 T_2^{13} - \\
 & 162 a_4 b_3 T_1^9 T_2^{13} - 29 a_2 b_5 T_1^9 T_2^{13} + 165 a_4 b_5 T_1^9 T_2^{13} + 4 c_{16} T_1^9 T_2^{13} + 80 c_{19} T_1^9 T_2^{13} + \\
 & 4 c_{31} T_1^9 T_2^{13} + 80 c_{34} T_1^9 T_2^{13} + 4 c_{46} T_1^9 T_2^{13} + 80 c_{49} T_1^9 T_2^{13} + 4 c_{61} T_1^9 T_2^{13} + 80 c_{64} T_1^9 T_2^{13} + \\
 & 338 c_{81} T_1^9 T_2^{13} + 418 c_{82} T_1^9 T_2^{13} + 178 c_{84} T_1^9 T_2^{13} + 226 c_{85} T_1^9 T_2^{13} - 10 a_2 b_3 T_1^{10} T_2^{13} + \\
 & 21 a_4 b_3 T_1^{10} T_2^{13} - 27 a_2 b_5 T_1^{10} T_2^{13} - 53 a_4 b_5 T_1^{10} T_2^{13} - 17 c_{16} T_1^{10} T_2^{13} - 68 c_{19} T_1^{10} T_2^{13} - \\
 & 17 c_{31} T_1^{10} T_2^{13} - 68 c_{34} T_1^{10} T_2^{13} - 17 c_{46} T_1^{10} T_2^{13} - 68 c_{49} T_1^{10} T_2^{13} - 17 c_{61} T_1^{10} T_2^{13} - \\
 & 68 c_{64} T_1^{10} T_2^{13} - 346 c_{81} T_1^{10} T_2^{13} - 430 c_{82} T_1^{10} T_2^{13} - 168 c_{84} T_1^{10} T_2^{13} - 228 c_{85} T_1^{10} T_2^{13} - \\
 & 65 a_2 b_3 T_1^{11} T_2^{13} + 113 a_4 b_3 T_1^{11} T_2^{13} + 124 a_2 b_5 T_1^{11} T_2^{13} - 72 a_4 b_5 T_1^{11} T_2^{13} + 26 c_{16} T_1^{11} T_2^{13} + \\
 & 56 c_{19} T_1^{11} T_2^{13} + 26 c_{31} T_1^{11} T_2^{13} + 56 c_{34} T_1^{11} T_2^{13} + 26 c_{46} T_1^{11} T_2^{13} + 56 c_{49} T_1^{11} T_2^{13} + \\
 & 26 c_{61} T_1^{11} T_2^{13} + 56 c_{64} T_1^{11} T_2^{13} + 362 c_{81} T_1^{11} T_2^{13} + 386 c_{82} T_1^{11} T_2^{13} + 194 c_{84} T_1^{11} T_2^{13} + \\
 & 210 c_{85} T_1^{11} T_2^{13} + 142 a_2 b_3 T_1^{12} T_2^{13} - 292 a_4 b_3 T_1^{12} T_2^{13} - 186 a_2 b_5 T_1^{12} T_2^{13} + 292 a_4 b_5 T_1^{12} T_2^{13} - \\
 & 31 c_{16} T_1^{12} T_2^{13} - 56 c_{19} T_1^{12} T_2^{13} - 31 c_{31} T_1^{12} T_2^{13} - 56 c_{34} T_1^{12} T_2^{13} - 31 c_{46} T_1^{12} T_2^{13} - \\
 & 56 c_{49} T_1^{12} T_2^{13} - 31 c_{61} T_1^{12} T_2^{13} - 56 c_{64} T_1^{12} T_2^{13} - 354 c_{81} T_1^{12} T_2^{13} - 446 c_{82} T_1^{12} T_2^{13} - \\
 & 160 c_{84} T_1^{12} T_2^{13} - 236 c_{85} T_1^{12} T_2^{13} - 231 a_2 b_3 T_1^{13} T_2^{13} + 432 a_4 b_3 T_1^{13} T_2^{13} + 291 a_2 b_5 T_1^{13} T_2^{13} - \\
 & 357 a_4 b_5 T_1^{13} T_2^{13} + 32 c_{16} T_1^{13} T_2^{13} + 32 c_{19} T_1^{13} T_2^{13} + 32 c_{31} T_1^{13} T_2^{13} + 32 c_{34} T_1^{13} T_2^{13} + \\
 & 32 c_{46} T_1^{13} T_2^{13} + 32 c_{49} T_1^{13} T_2^{13} + 32 c_{61} T_1^{13} T_2^{13} + 32 c_{64} T_1^{13} T_2^{13} + 354 c_{81} T_1^{13} T_2^{13} + \\
 & 354 c_{82} T_1^{13} T_2^{13} + 194 c_{84} T_1^{13} T_2^{13} + 194 c_{85} T_1^{13} T_2^{13} + 345 a_2 b_3 T_1^{14} T_2^{13} - 627 a_4 b_3 T_1^{14} T_2^{13} - \\
 & 390 a_2 b_5 T_1^{14} T_2^{13} + 667 a_4 b_5 T_1^{14} T_2^{13} - 33 c_{16} T_1^{14} T_2^{13} - 40 c_{19} T_1^{14} T_2^{13} - 33 c_{31} T_1^{14} T_2^{13} -
 \end{aligned}$$

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$$\begin{aligned}
 &40 c_{34} T_1^{14} T_2^{13} - 33 c_{46} T_1^{14} T_2^{13} - 40 c_{49} T_1^{14} T_2^{13} - 33 c_{61} T_1^{14} T_2^{13} - 40 c_{64} T_1^{14} T_2^{13} - \\
 &362 c_{81} T_1^{14} T_2^{13} - 454 c_{82} T_1^{14} T_2^{13} - 168 c_{84} T_1^{14} T_2^{13} - 244 c_{85} T_1^{14} T_2^{13} - 463 a_2 b_3 T_1^{15} T_2^{13} + \\
 &820 a_4 b_3 T_1^{15} T_2^{13} + 503 a_2 b_5 T_1^{15} T_2^{13} - 729 a_4 b_5 T_1^{15} T_2^{13} + 30 c_{16} T_1^{15} T_2^{13} + 16 c_{19} T_1^{15} T_2^{13} + \\
 &30 c_{31} T_1^{15} T_2^{13} + 16 c_{34} T_1^{15} T_2^{13} + 30 c_{46} T_1^{15} T_2^{13} + 16 c_{49} T_1^{15} T_2^{13} + 30 c_{61} T_1^{15} T_2^{13} + 16 c_{64} T_1^{15} T_2^{13} + \\
 &346 c_{81} T_1^{15} T_2^{13} + 370 c_{82} T_1^{15} T_2^{13} + 178 c_{84} T_1^{15} T_2^{13} + 194 c_{85} T_1^{15} T_2^{13} + 591 a_2 b_3 T_1^{16} T_2^{13} - \\
 &1037 a_4 b_3 T_1^{16} T_2^{13} - 622 a_2 b_5 T_1^{16} T_2^{13} + 1080 a_4 b_5 T_1^{16} T_2^{13} - 23 c_{16} T_1^{16} T_2^{13} - 20 c_{19} T_1^{16} T_2^{13} - \\
 &23 c_{31} T_1^{16} T_2^{13} - 20 c_{34} T_1^{16} T_2^{13} - 23 c_{46} T_1^{16} T_2^{13} - 20 c_{49} T_1^{16} T_2^{13} - 23 c_{61} T_1^{16} T_2^{13} - \\
 &20 c_{64} T_1^{16} T_2^{13} - 338 c_{81} T_1^{16} T_2^{13} - 422 c_{82} T_1^{16} T_2^{13} - 160 c_{84} T_1^{16} T_2^{13} - 220 c_{85} T_1^{16} T_2^{13} - \\
 &628 a_2 b_3 T_1^{17} T_2^{13} + 1184 a_4 b_3 T_1^{17} T_2^{13} + 568 a_2 b_5 T_1^{17} T_2^{13} - 1019 a_4 b_5 T_1^{17} T_2^{13} + 12 c_{16} T_1^{17} T_2^{13} + \\
 &12 c_{31} T_1^{17} T_2^{13} + 12 c_{46} T_1^{17} T_2^{13} + 12 c_{61} T_1^{17} T_2^{13} + 144 c_{81} T_1^{17} T_2^{13} + 386 c_{82} T_1^{17} T_2^{13} - \\
 &16 c_{84} T_1^{17} T_2^{13} + 194 c_{85} T_1^{17} T_2^{13} + 568 a_2 b_3 T_1^{18} T_2^{13} - 1072 a_4 b_3 T_1^{18} T_2^{13} - 504 a_2 b_5 T_1^{18} T_2^{13} + \\
 &890 a_4 b_5 T_1^{18} T_2^{13} + 84 c_{16} T_1^{18} T_2^{13} + 30 c_{19} T_1^{18} T_2^{13} + 84 c_{31} T_1^{18} T_2^{13} + 30 c_{34} T_1^{18} T_2^{13} + \\
 &84 c_{46} T_1^{18} T_2^{13} + 30 c_{49} T_1^{18} T_2^{13} + 84 c_{61} T_1^{18} T_2^{13} + 30 c_{64} T_1^{18} T_2^{13} + 30 c_{81} T_1^{18} T_2^{13} - 9 c_{82} T_1^{18} T_2^{13} + \\
 &14 c_{84} T_1^{18} T_2^{13} - c_{85} T_1^{18} T_2^{13} - 510 a_2 b_3 T_1^{19} T_2^{13} + 951 a_4 b_3 T_1^{19} T_2^{13} + 453 a_2 b_5 T_1^{19} T_2^{13} - \\
 &809 a_4 b_5 T_1^{19} T_2^{13} - 50 c_{16} T_1^{19} T_2^{13} - 24 c_{19} T_1^{19} T_2^{13} - 50 c_{31} T_1^{19} T_2^{13} - 24 c_{34} T_1^{19} T_2^{13} - \\
 &50 c_{46} T_1^{19} T_2^{13} - 24 c_{49} T_1^{19} T_2^{13} - 50 c_{61} T_1^{19} T_2^{13} - 24 c_{64} T_1^{19} T_2^{13} - 30 c_{81} T_1^{19} T_2^{13} - \\
 &15 c_{82} T_1^{19} T_2^{13} - 16 c_{84} T_1^{19} T_2^{13} - 10 c_{85} T_1^{19} T_2^{13} + 447 a_2 b_3 T_1^{20} T_2^{13} - 837 a_4 b_3 T_1^{20} T_2^{13} - \\
 &378 a_2 b_5 T_1^{20} T_2^{13} + 698 a_4 b_5 T_1^{20} T_2^{13} + 61 c_{16} T_1^{20} T_2^{13} + 18 c_{19} T_1^{20} T_2^{13} + 61 c_{31} T_1^{20} T_2^{13} + \\
 &18 c_{34} T_1^{20} T_2^{13} + 61 c_{46} T_1^{20} T_2^{13} + 18 c_{49} T_1^{20} T_2^{13} + 61 c_{61} T_1^{20} T_2^{13} + 18 c_{64} T_1^{20} T_2^{13} + 34 c_{81} T_1^{20} T_2^{13} + \\
 &11 c_{82} T_1^{20} T_2^{13} + 18 c_{84} T_1^{20} T_2^{13} + 11 c_{85} T_1^{20} T_2^{13} - 384 a_2 b_3 T_1^{21} T_2^{13} + 698 a_4 b_3 T_1^{21} T_2^{13} + \\
 &326 a_2 b_5 T_1^{21} T_2^{13} - 558 a_4 b_5 T_1^{21} T_2^{13} - 19 c_{16} T_1^{21} T_2^{13} - 18 c_{19} T_1^{21} T_2^{13} - 19 c_{31} T_1^{21} T_2^{13} - \\
 &18 c_{34} T_1^{21} T_2^{13} - 19 c_{46} T_1^{21} T_2^{13} - 18 c_{49} T_1^{21} T_2^{13} - 19 c_{61} T_1^{21} T_2^{13} - 18 c_{64} T_1^{21} T_2^{13} - 26 c_{81} T_1^{21} T_2^{13} - \\
 &59 c_{82} T_1^{21} T_2^{13} - 8 c_{84} T_1^{21} T_2^{13} - 34 c_{85} T_1^{21} T_2^{13} + 314 a_2 b_3 T_1^{22} T_2^{13} - 584 a_4 b_3 T_1^{22} T_2^{13} - \\
 &246 a_2 b_5 T_1^{22} T_2^{13} + 490 a_4 b_5 T_1^{22} T_2^{13} + 26 c_{16} T_1^{22} T_2^{13} + 6 c_{19} T_1^{22} T_2^{13} + 26 c_{31} T_1^{22} T_2^{13} + \\
 &6 c_{34} T_1^{22} T_2^{13} + 26 c_{46} T_1^{22} T_2^{13} + 6 c_{49} T_1^{22} T_2^{13} + 26 c_{61} T_1^{22} T_2^{13} + 6 c_{64} T_1^{22} T_2^{13} + 40 c_{81} T_1^{22} T_2^{13} + \\
 &31 c_{82} T_1^{22} T_2^{13} + 32 c_{84} T_1^{22} T_2^{13} + 23 c_{85} T_1^{22} T_2^{13} - 230 a_2 b_3 T_1^{23} T_2^{13} + 435 a_4 b_3 T_1^{23} T_2^{13} + \\
 &173 a_2 b_5 T_1^{23} T_2^{13} - 291 a_4 b_5 T_1^{23} T_2^{13} - 16 c_{16} T_1^{23} T_2^{13} - 10 c_{19} T_1^{23} T_2^{13} - 16 c_{31} T_1^{23} T_2^{13} - \\
 &10 c_{34} T_1^{23} T_2^{13} - 16 c_{46} T_1^{23} T_2^{13} - 10 c_{49} T_1^{23} T_2^{13} - 16 c_{61} T_1^{23} T_2^{13} - 10 c_{64} T_1^{23} T_2^{13} - \\
 &40 c_{81} T_1^{23} T_2^{13} - 99 c_{82} T_1^{23} T_2^{13} - 8 c_{84} T_1^{23} T_2^{13} - 58 c_{85} T_1^{23} T_2^{13} + 143 a_2 b_3 T_1^{24} T_2^{13} - \\
 &291 a_4 b_3 T_1^{24} T_2^{13} - 88 a_2 b_5 T_1^{24} T_2^{13} + 232 a_4 b_5 T_1^{24} T_2^{13} - 17 c_{16} T_1^{24} T_2^{13} - 2 c_{19} T_1^{24} T_2^{13} - \\
 &17 c_{31} T_1^{24} T_2^{13} - 2 c_{34} T_1^{24} T_2^{13} - 17 c_{46} T_1^{24} T_2^{13} - 2 c_{49} T_1^{24} T_2^{13} - 17 c_{61} T_1^{24} T_2^{13} - \\
 &2 c_{64} T_1^{24} T_2^{13} + 28 c_{81} T_1^{24} T_2^{13} + 75 c_{82} T_1^{24} T_2^{13} + 20 c_{84} T_1^{24} T_2^{13} + 43 c_{85} T_1^{24} T_2^{13} - \\
 &48 a_2 b_3 T_1^{25} T_2^{13} + 128 a_4 b_3 T_1^{25} T_2^{13} + 31 c_{16} T_1^{25} T_2^{13} + 31 c_{31} T_1^{25} T_2^{13} + 31 c_{46} T_1^{25} T_2^{13} + \\
 &31 c_{61} T_1^{25} T_2^{13} - 20 c_{81} T_1^{25} T_2^{13} - 119 c_{82} T_1^{25} T_2^{13} - 66 c_{85} T_1^{25} T_2^{13} - 72 c_{16} T_1^{26} T_2^{13} - \\
 &10 c_{19} T_1^{26} T_2^{13} - 72 c_{31} T_1^{26} T_2^{13} - 10 c_{34} T_1^{26} T_2^{13} - 72 c_{46} T_1^{26} T_2^{13} - 10 c_{49} T_1^{26} T_2^{13} - \\
 &72 c_{61} T_1^{26} T_2^{13} - 10 c_{64} T_1^{26} T_2^{13} + 119 c_{81} T_1^{26} T_2^{13} + 63 c_{85} T_1^{26} T_2^{13} + 4 a_2 b_3 T_1^{24} T_2^{14} - 5 a_4 b_3 T_1^{24} T_2^{14} - \\
 &9 a_2 b_5 T_1^{24} T_2^{14} + 11 a_4 b_5 T_1^{24} T_2^{14} - 44 c_{19} T_1^{24} T_2^{14} - 44 c_{34} T_1^{24} T_2^{14} - 44 c_{49} T_1^{24} T_2^{14} - 44 c_{64} T_1^{24} T_2^{14} - 16 c_{81} T_1^{24} T_2^{14} - \\
 &83 c_{82} T_1^{24} T_2^{14} - 16 c_{84} T_1^{24} T_2^{14} - 36 c_{85} T_1^{24} T_2^{14} - 9 a_2 b_3 T_1 T_2^{14} + 21 a_4 b_3 T_1 T_2^{14} + 12 a_2 b_5 T_1 T_2^{14} - \\
 &36 a_4 b_5 T_1 T_2^{14} + 7 c_{16} T_1 T_2^{14} + 32 c_{19} T_1 T_2^{14} + 7 c_{31} T_1 T_2^{14} + 32 c_{34} T_1 T_2^{14} + 7 c_{46} T_1 T_2^{14} + \\
 &32 c_{49} T_1 T_2^{14} + 7 c_{61} T_1 T_2^{14} + 32 c_{64} T_1 T_2^{14} + 20 c_{81} T_1 T_2^{14} + 59 c_{82} T_1 T_2^{14} + 4 c_{84} T_1 T_2^{14} + \\
 &21 c_{85} T_1 T_2^{14} + 18 a_2 b_3 T_1^2 T_2^{14} - 36 a_4 b_3 T_1^2 T_2^{14} - 30 a_2 b_5 T_1^2 T_2^{14} + 46 a_4 b_5 T_1^2 T_2^{14} - \\
 &3 c_{16} T_1^2 T_2^{14} - 26 c_{19} T_1^2 T_2^{14} - 3 c_{31} T_1^2 T_2^{14} - 26 c_{34} T_1^2 T_2^{14} - 3 c_{46} T_1^2 T_2^{14} - 26 c_{49} T_1^2 T_2^{14} - \\
 &3 c_{61} T_1^2 T_2^{14} - 26 c_{64} T_1^2 T_2^{14} - 28 c_{81} T_1^2 T_2^{14} - 23 c_{82} T_1^2 T_2^{14} - 24 c_{84} T_1^2 T_2^{14} - 4 c_{85} T_1^2 T_2^{14} - \\
 &28 a_2 b_3 T_1^3 T_2^{14} + 68 a_4 b_3 T_1^3 T_2^{14} + 36 a_2 b_5 T_1^3 T_2^{14} - 108 a_4 b_5 T_1^3 T_2^{14} + 10 c_{16} T_1^3 T_2^{14} + \\
 &20 c_{19} T_1^3 T_2^{14} + 10 c_{31} T_1^3 T_2^{14} + 20 c_{34} T_1^3 T_2^{14} + 10 c_{46} T_1^3 T_2^{14} + 20 c_{49} T_1^3 T_2^{14} + 10 c_{61} T_1^3 T_2^{14} + \\
 &20 c_{64} T_1^3 T_2^{14} + 24 c_{81} T_1^3 T_2^{14} + 23 c_{82} T_1^3 T_2^{14} + c_{85} T_1^3 T_2^{14} + 42 a_2 b_3 T_1^4 T_2^{14} - 93 a_4 b_3 T_1^4 T_2^{14} - \\
 &63 a_2 b_5 T_1^4 T_2^{14} + 97 a_4 b_5 T_1^4 T_2^{14} - 2 c_{16} T_1^4 T_2^{14} - 8 c_{19} T_1^4 T_2^{14} - 2 c_{31} T_1^4 T_2^{14} - 8 c_{34} T_1^4 T_2^{14} - \\
 &2 c_{46} T_1^4 T_2^{14} - 8 c_{49} T_1^4 T_2^{14} - 2 c_{61} T_1^4 T_2^{14} - 8 c_{64} T_1^4 T_2^{14} - 24 c_{81} T_1^4 T_2^{14} + 37 c_{82} T_1^4 T_2^{14} - \\
 &24 c_{84} T_1^4 T_2^{14} + 28 c_{85} T_1^4 T_2^{14} - 57 a_2 b_3 T_1^5 T_2^{14} + 150 a_4 b_3 T_1^5 T_2^{14} + 81 a_2 b_5 T_1^5 T_2^{14} - \\
 &211 a_4 b_5 T_1^5 T_2^{14} + 9 c_{16} T_1^5 T_2^{14} + 8 c_{19} T_1^5 T_2^{14} + 9 c_{31} T_1^5 T_2^{14} + 8 c_{34} T_1^5 T_2^{14} + 9 c_{46} T_1^5 T_2^{14} +
 \end{aligned}$$

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$$\begin{aligned}
 & 8 c_{49} T_1^5 T_2^{14} + 9 c_{61} T_1^5 T_2^{14} + 8 c_{64} T_1^5 T_2^{14} + 34 c_{81} T_1^5 T_2^{14} - 13 c_{82} T_1^5 T_2^{14} + 10 c_{84} T_1^5 T_2^{14} - \\
 & 19 c_{85} T_1^5 T_2^{14} + 65 a_2 b_3 T_1^6 T_2^{14} - 199 a_4 b_3 T_1^6 T_2^{14} - 102 a_2 b_5 T_1^6 T_2^{14} + 195 a_4 b_5 T_1^6 T_2^{14} + \\
 & 3 c_{16} T_1^6 T_2^{14} + 8 c_{19} T_1^6 T_2^{14} + 3 c_{31} T_1^6 T_2^{14} + 8 c_{34} T_1^6 T_2^{14} + 3 c_{46} T_1^6 T_2^{14} + 8 c_{49} T_1^6 T_2^{14} + \\
 & 3 c_{61} T_1^6 T_2^{14} + 8 c_{64} T_1^6 T_2^{14} - 10 c_{81} T_1^6 T_2^{14} + 89 c_{82} T_1^6 T_2^{14} + 60 c_{85} T_1^6 T_2^{14} - 76 a_2 b_3 T_1^7 T_2^{14} + \\
 & 253 a_4 b_3 T_1^7 T_2^{14} + 125 a_2 b_5 T_1^7 T_2^{14} - 319 a_4 b_5 T_1^7 T_2^{14} - 8 c_{19} T_1^7 T_2^{14} - 8 c_{34} T_1^7 T_2^{14} - \\
 & 8 c_{49} T_1^7 T_2^{14} - 8 c_{64} T_1^7 T_2^{14} - 10 c_{81} T_1^7 T_2^{14} - 77 c_{82} T_1^7 T_2^{14} - 10 c_{84} T_1^7 T_2^{14} - 51 c_{85} T_1^7 T_2^{14} + \\
 & 38 a_2 b_3 T_1^8 T_2^{14} - 265 a_4 b_3 T_1^8 T_2^{14} - 53 a_2 b_5 T_1^8 T_2^{14} + 226 a_4 b_5 T_1^8 T_2^{14} + 12 c_{16} T_1^8 T_2^{14} + \\
 & 22 c_{19} T_1^8 T_2^{14} + 12 c_{31} T_1^8 T_2^{14} + 22 c_{34} T_1^8 T_2^{14} + 12 c_{46} T_1^8 T_2^{14} + 22 c_{49} T_1^8 T_2^{14} + 12 c_{61} T_1^8 T_2^{14} + \\
 & 22 c_{64} T_1^8 T_2^{14} + 204 c_{81} T_1^8 T_2^{14} + 125 c_{82} T_1^8 T_2^{14} + 194 c_{84} T_1^8 T_2^{14} + 76 c_{85} T_1^8 T_2^{14} + 57 a_2 b_3 T_1^9 T_2^{14} + \\
 & 128 a_4 b_3 T_1^9 T_2^{14} - 35 a_2 b_5 T_1^9 T_2^{14} - 64 a_4 b_5 T_1^9 T_2^{14} - 20 c_{16} T_1^9 T_2^{14} - 97 c_{19} T_1^9 T_2^{14} - \\
 & 20 c_{31} T_1^9 T_2^{14} - 97 c_{34} T_1^9 T_2^{14} - 20 c_{46} T_1^9 T_2^{14} - 97 c_{49} T_1^9 T_2^{14} - 20 c_{61} T_1^9 T_2^{14} - 97 c_{64} T_1^9 T_2^{14} - \\
 & 406 c_{81} T_1^9 T_2^{14} - 458 c_{82} T_1^9 T_2^{14} - 212 c_{84} T_1^9 T_2^{14} - 232 c_{85} T_1^9 T_2^{14} - 152 a_2 b_3 T_1^{10} T_2^{14} + \\
 & 25 a_4 b_3 T_1^{10} T_2^{14} + 107 a_2 b_5 T_1^{10} T_2^{14} - 68 a_4 b_5 T_1^{10} T_2^{14} + 31 c_{16} T_1^{10} T_2^{14} + 75 c_{19} T_1^{10} T_2^{14} + \\
 & 31 c_{31} T_1^{10} T_2^{14} + 75 c_{34} T_1^{10} T_2^{14} + 31 c_{46} T_1^{10} T_2^{14} + 75 c_{49} T_1^{10} T_2^{14} + 31 c_{61} T_1^{10} T_2^{14} + \\
 & 75 c_{64} T_1^{10} T_2^{14} + 422 c_{81} T_1^{10} T_2^{14} + 446 c_{82} T_1^{10} T_2^{14} + 210 c_{84} T_1^{10} T_2^{14} + 218 c_{85} T_1^{10} T_2^{14} + \\
 & 257 a_2 b_3 T_1^{11} T_2^{14} - 172 a_4 b_3 T_1^{11} T_2^{14} - 215 a_2 b_5 T_1^{11} T_2^{14} + 217 a_4 b_5 T_1^{11} T_2^{14} - 38 c_{16} T_1^{11} T_2^{14} - \\
 & 65 c_{19} T_1^{11} T_2^{14} - 38 c_{31} T_1^{11} T_2^{14} - 65 c_{34} T_1^{11} T_2^{14} - 38 c_{46} T_1^{11} T_2^{14} - 65 c_{49} T_1^{11} T_2^{14} - \\
 & 38 c_{61} T_1^{11} T_2^{14} - 65 c_{64} T_1^{11} T_2^{14} - 446 c_{81} T_1^{11} T_2^{14} - 410 c_{82} T_1^{11} T_2^{14} - 236 c_{84} T_1^{11} T_2^{14} - \\
 & 200 c_{85} T_1^{11} T_2^{14} - 364 a_2 b_3 T_1^{12} T_2^{14} + 357 a_4 b_3 T_1^{12} T_2^{14} + 291 a_2 b_5 T_1^{12} T_2^{14} - 432 a_4 b_5 T_1^{12} T_2^{14} + \\
 & 41 c_{16} T_1^{12} T_2^{14} + 55 c_{19} T_1^{12} T_2^{14} + 41 c_{31} T_1^{12} T_2^{14} + 55 c_{34} T_1^{12} T_2^{14} + 41 c_{46} T_1^{12} T_2^{14} + \\
 & 55 c_{49} T_1^{12} T_2^{14} + 41 c_{61} T_1^{12} T_2^{14} + 55 c_{64} T_1^{12} T_2^{14} + 446 c_{81} T_1^{12} T_2^{14} + 446 c_{82} T_1^{12} T_2^{14} + \\
 & 210 c_{84} T_1^{12} T_2^{14} + 210 c_{85} T_1^{12} T_2^{14} + 483 a_2 b_3 T_1^{13} T_2^{14} - 522 a_4 b_3 T_1^{13} T_2^{14} - 423 a_2 b_5 T_1^{13} T_2^{14} + \\
 & 522 a_4 b_5 T_1^{13} T_2^{14} - 40 c_{16} T_1^{13} T_2^{14} - 33 c_{19} T_1^{13} T_2^{14} - 40 c_{31} T_1^{13} T_2^{14} - 33 c_{34} T_1^{13} T_2^{14} - \\
 & 40 c_{46} T_1^{13} T_2^{14} - 33 c_{49} T_1^{13} T_2^{14} - 40 c_{61} T_1^{13} T_2^{14} - 33 c_{64} T_1^{13} T_2^{14} - 454 c_{81} T_1^{13} T_2^{14} - \\
 & 362 c_{82} T_1^{13} T_2^{14} - 244 c_{84} T_1^{13} T_2^{14} - 168 c_{85} T_1^{13} T_2^{14} - 606 a_2 b_3 T_1^{14} T_2^{14} + 768 a_4 b_3 T_1^{14} T_2^{14} + \\
 & 528 a_2 b_5 T_1^{14} T_2^{14} - 873 a_4 b_5 T_1^{14} T_2^{14} + 35 c_{16} T_1^{14} T_2^{14} + 35 c_{19} T_1^{14} T_2^{14} + 35 c_{31} T_1^{14} T_2^{14} + \\
 & 35 c_{34} T_1^{14} T_2^{14} + 35 c_{46} T_1^{14} T_2^{14} + 35 c_{49} T_1^{14} T_2^{14} + 35 c_{61} T_1^{14} T_2^{14} + 35 c_{64} T_1^{14} T_2^{14} + \\
 & 446 c_{81} T_1^{14} T_2^{14} + 446 c_{82} T_1^{14} T_2^{14} + 202 c_{84} T_1^{14} T_2^{14} + 202 c_{85} T_1^{14} T_2^{14} + 717 a_2 b_3 T_1^{15} T_2^{14} - \\
 & 991 a_4 b_3 T_1^{15} T_2^{14} - 652 a_2 b_5 T_1^{15} T_2^{14} + 938 a_4 b_5 T_1^{15} T_2^{14} - 22 c_{16} T_1^{15} T_2^{14} - 5 c_{19} T_1^{15} T_2^{14} - \\
 & 22 c_{31} T_1^{15} T_2^{14} - 5 c_{34} T_1^{15} T_2^{14} - 22 c_{46} T_1^{15} T_2^{14} - 5 c_{49} T_1^{15} T_2^{14} - 22 c_{61} T_1^{15} T_2^{14} - 5 c_{64} T_1^{15} T_2^{14} - \\
 & 406 c_{81} T_1^{15} T_2^{14} - 330 c_{82} T_1^{15} T_2^{14} - 204 c_{84} T_1^{15} T_2^{14} - 136 c_{85} T_1^{15} T_2^{14} - 840 a_2 b_3 T_1^{16} T_2^{14} + \\
 & 1243 a_4 b_3 T_1^{16} T_2^{14} + 779 a_2 b_5 T_1^{16} T_2^{14} - 1342 a_4 b_5 T_1^{16} T_2^{14} + 5 c_{16} T_1^{16} T_2^{14} + 7 c_{19} T_1^{16} T_2^{14} + \\
 & 5 c_{31} T_1^{16} T_2^{14} + 7 c_{34} T_1^{16} T_2^{14} + 5 c_{46} T_1^{16} T_2^{14} + 7 c_{49} T_1^{16} T_2^{14} + 5 c_{61} T_1^{16} T_2^{14} + 7 c_{64} T_1^{16} T_2^{14} + \\
 & 374 c_{81} T_1^{16} T_2^{14} + 390 c_{82} T_1^{16} T_2^{14} + 170 c_{84} T_1^{16} T_2^{14} + 170 c_{85} T_1^{16} T_2^{14} + 858 a_2 b_3 T_1^{17} T_2^{14} - \\
 & 1407 a_4 b_3 T_1^{17} T_2^{14} - 707 a_2 b_5 T_1^{17} T_2^{14} + 1249 a_4 b_5 T_1^{17} T_2^{14} + 16 c_{16} T_1^{17} T_2^{14} + 19 c_{19} T_1^{17} T_2^{14} + \\
 & 16 c_{31} T_1^{17} T_2^{14} + 19 c_{34} T_1^{17} T_2^{14} + 16 c_{46} T_1^{17} T_2^{14} + 19 c_{49} T_1^{17} T_2^{14} + 16 c_{61} T_1^{17} T_2^{14} + \\
 & 19 c_{64} T_1^{17} T_2^{14} - 156 c_{81} T_1^{17} T_2^{14} - 330 c_{82} T_1^{17} T_2^{14} + 14 c_{84} T_1^{17} T_2^{14} - 136 c_{85} T_1^{17} T_2^{14} - \\
 & 767 a_2 b_3 T_1^{18} T_2^{14} + 1275 a_4 b_3 T_1^{18} T_2^{14} + 628 a_2 b_5 T_1^{18} T_2^{14} - 1098 a_4 b_5 T_1^{18} T_2^{14} - \\
 & 100 c_{16} T_1^{18} T_2^{14} - 35 c_{19} T_1^{18} T_2^{14} - 100 c_{31} T_1^{18} T_2^{14} - 35 c_{34} T_1^{18} T_2^{14} - 100 c_{46} T_1^{18} T_2^{14} - \\
 & 35 c_{49} T_1^{18} T_2^{14} - 100 c_{61} T_1^{18} T_2^{14} - 35 c_{64} T_1^{18} T_2^{14} - 30 c_{81} T_1^{18} T_2^{14} - 51 c_{82} T_1^{18} T_2^{14} - \\
 & 16 c_{84} T_1^{18} T_2^{14} - 52 c_{85} T_1^{18} T_2^{14} + 677 a_2 b_3 T_1^{19} T_2^{14} - 1138 a_4 b_3 T_1^{19} T_2^{14} - 559 a_2 b_5 T_1^{19} T_2^{14} + \\
 & 991 a_4 b_5 T_1^{19} T_2^{14} + 70 c_{16} T_1^{19} T_2^{14} + 25 c_{19} T_1^{19} T_2^{14} + 70 c_{31} T_1^{19} T_2^{14} + 25 c_{34} T_1^{19} T_2^{14} + \\
 & 70 c_{46} T_1^{19} T_2^{14} + 25 c_{49} T_1^{19} T_2^{14} + 70 c_{61} T_1^{19} T_2^{14} + 25 c_{64} T_1^{19} T_2^{14} + 42 c_{81} T_1^{19} T_2^{14} + \\
 & 63 c_{82} T_1^{19} T_2^{14} + 26 c_{84} T_1^{19} T_2^{14} + 53 c_{85} T_1^{19} T_2^{14} - 581 a_2 b_3 T_1^{20} T_2^{14} + 1006 a_4 b_3 T_1^{20} T_2^{14} + \\
 & 469 a_2 b_5 T_1^{20} T_2^{14} - 852 a_4 b_5 T_1^{20} T_2^{14} - 83 c_{16} T_1^{20} T_2^{14} - 21 c_{19} T_1^{20} T_2^{14} - 83 c_{31} T_1^{20} T_2^{14} - \\
 & 21 c_{34} T_1^{20} T_2^{14} - 83 c_{46} T_1^{20} T_2^{14} - 21 c_{49} T_1^{20} T_2^{14} - 83 c_{61} T_1^{20} T_2^{14} - 21 c_{64} T_1^{20} T_2^{14} - 58 c_{81} T_1^{20} T_2^{14} - \\
 & 63 c_{82} T_1^{20} T_2^{14} - 32 c_{84} T_1^{20} T_2^{14} - 52 c_{85} T_1^{20} T_2^{14} + 484 a_2 b_3 T_1^{21} T_2^{14} - 853 a_4 b_3 T_1^{21} T_2^{14} - \\
 & 399 a_2 b_5 T_1^{21} T_2^{14} + 699 a_4 b_5 T_1^{21} T_2^{14} + 45 c_{16} T_1^{21} T_2^{14} + 17 c_{19} T_1^{21} T_2^{14} + 45 c_{31} T_1^{21} T_2^{14} + \\
 & 17 c_{34} T_1^{21} T_2^{14} + 45 c_{46} T_1^{21} T_2^{14} + 17 c_{49} T_1^{21} T_2^{14} + 45 c_{61} T_1^{21} T_2^{14} + 17 c_{64} T_1^{21} T_2^{14} + 62 c_{81} T_1^{21} T_2^{14} + \\
 & 99 c_{82} T_1^{21} T_2^{14} + 30 c_{84} T_1^{21} T_2^{14} + 65 c_{85} T_1^{21} T_2^{14} - 379 a_2 b_3 T_1^{22} T_2^{14} + 713 a_4 b_3 T_1^{22} T_2^{14} +
 \end{aligned}$$

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$$\begin{aligned}
 & 294 a_2 b_5 T_1^{22} T_2^{14} - 598 a_4 b_5 T_1^{22} T_2^{14} - 54 c_{16} T_1^{22} T_2^{14} - 7 c_{19} T_1^{22} T_2^{14} - 54 c_{31} T_1^{22} T_2^{14} - \\
 & 7 c_{34} T_1^{22} T_2^{14} - 54 c_{46} T_1^{22} T_2^{14} - 7 c_{49} T_1^{22} T_2^{14} - 54 c_{61} T_1^{22} T_2^{14} - 7 c_{64} T_1^{22} T_2^{14} - 70 c_{81} T_1^{22} T_2^{14} - \\
 & 75 c_{82} T_1^{22} T_2^{14} - 40 c_{84} T_1^{22} T_2^{14} - 52 c_{85} T_1^{22} T_2^{14} + 271 a_2 b_3 T_1^{23} T_2^{14} - 524 a_4 b_3 T_1^{23} T_2^{14} - \\
 & 207 a_2 b_5 T_1^{23} T_2^{14} + 361 a_4 b_5 T_1^{23} T_2^{14} + 8 c_{16} T_1^{23} T_2^{14} + 9 c_{19} T_1^{23} T_2^{14} + 8 c_{31} T_1^{23} T_2^{14} + \\
 & 9 c_{34} T_1^{23} T_2^{14} + 8 c_{46} T_1^{23} T_2^{14} + 9 c_{49} T_1^{23} T_2^{14} + 8 c_{61} T_1^{23} T_2^{14} + 9 c_{64} T_1^{23} T_2^{14} + 52 c_{81} T_1^{23} T_2^{14} + \\
 & 135 c_{82} T_1^{23} T_2^{14} + 12 c_{84} T_1^{23} T_2^{14} + 77 c_{85} T_1^{23} T_2^{14} - 168 a_2 b_3 T_1^{24} T_2^{14} + 350 a_4 b_3 T_1^{24} T_2^{14} + \\
 & 104 a_2 b_5 T_1^{24} T_2^{14} - 280 a_4 b_5 T_1^{24} T_2^{14} + 27 c_{16} T_1^{24} T_2^{14} + 5 c_{19} T_1^{24} T_2^{14} + 27 c_{31} T_1^{24} T_2^{14} + \\
 & 5 c_{34} T_1^{24} T_2^{14} + 27 c_{46} T_1^{24} T_2^{14} + 5 c_{49} T_1^{24} T_2^{14} + 27 c_{61} T_1^{24} T_2^{14} + 5 c_{64} T_1^{24} T_2^{14} - 36 c_{81} T_1^{24} T_2^{14} - \\
 & 95 c_{82} T_1^{24} T_2^{14} - 24 c_{84} T_1^{24} T_2^{14} - 52 c_{85} T_1^{24} T_2^{14} + 56 a_2 b_3 T_1^{25} T_2^{14} - 152 a_4 b_3 T_1^{25} T_2^{14} - \\
 & 45 c_{16} T_1^{25} T_2^{14} - 3 c_{19} T_1^{25} T_2^{14} - 45 c_{31} T_1^{25} T_2^{14} - 3 c_{34} T_1^{25} T_2^{14} - 45 c_{46} T_1^{25} T_2^{14} - 3 c_{49} T_1^{25} T_2^{14} - \\
 & 45 c_{61} T_1^{25} T_2^{14} - 3 c_{64} T_1^{25} T_2^{14} + 24 c_{81} T_1^{25} T_2^{14} + 143 c_{82} T_1^{25} T_2^{14} + 77 c_{85} T_1^{25} T_2^{14} + \\
 & 88 c_{16} T_1^{26} T_2^{14} + 15 c_{19} T_1^{26} T_2^{14} + 88 c_{31} T_1^{26} T_2^{14} + 15 c_{34} T_1^{26} T_2^{14} + 88 c_{46} T_1^{26} T_2^{14} + \\
 & 15 c_{49} T_1^{26} T_2^{14} + 88 c_{61} T_1^{26} T_2^{14} + 15 c_{64} T_1^{26} T_2^{14} - 131 c_{82} T_1^{26} T_2^{14} - 68 c_{85} T_1^{26} T_2^{14} - 3 a_2 b_3 T_2^{15} + \\
 & 4 a_4 b_3 T_2^{15} + 7 a_2 b_5 T_2^{15} - 9 a_4 b_5 T_2^{15} + 35 c_{19} T_2^{15} + 35 c_{34} T_2^{15} + 35 c_{49} T_2^{15} + 35 c_{64} T_2^{15} + \\
 & 12 c_{81} T_2^{15} + 59 c_{82} T_2^{15} + 12 c_{84} T_2^{15} + 23 c_{85} T_2^{15} + 6 a_2 b_3 T_1 T_2^{15} - 16 a_4 b_3 T_1 T_2^{15} - \\
 & 8 a_2 b_5 T_1 T_2^{15} + 28 a_4 b_5 T_1 T_2^{15} - 5 c_{16} T_1 T_2^{15} - 17 c_{19} T_1 T_2^{15} - 5 c_{31} T_1 T_2^{15} - 17 c_{34} T_1 T_2^{15} - \\
 & 5 c_{46} T_1 T_2^{15} - 17 c_{49} T_1 T_2^{15} - 5 c_{61} T_1 T_2^{15} - 17 c_{64} T_1 T_2^{15} - 12 c_{81} T_1 T_2^{15} - 23 c_{82} T_1 T_2^{15} - \\
 & 2 c_{85} T_1 T_2^{15} - 12 a_2 b_3 T_1^2 T_2^{15} + 26 a_4 b_3 T_1^2 T_2^{15} + 22 a_2 b_5 T_1^2 T_2^{15} - 34 a_4 b_5 T_1^2 T_2^{15} + \\
 & c_{16} T_1^2 T_2^{15} + 11 c_{19} T_1^2 T_2^{15} + c_{31} T_1^2 T_2^{15} + 11 c_{34} T_1^2 T_2^{15} + c_{46} T_1^2 T_2^{15} + 11 c_{49} T_1^2 T_2^{15} + \\
 & c_{61} T_1^2 T_2^{15} + 11 c_{64} T_1^2 T_2^{15} + 16 c_{81} T_1^2 T_2^{15} - 9 c_{82} T_1^2 T_2^{15} + 16 c_{84} T_1^2 T_2^{15} - 13 c_{85} T_1^2 T_2^{15} + \\
 & 18 a_2 b_3 T_1^3 T_2^{15} - 50 a_4 b_3 T_1^3 T_2^{15} - 24 a_2 b_5 T_1^3 T_2^{15} + 84 a_4 b_5 T_1^3 T_2^{15} - 6 c_{16} T_1^3 T_2^{15} + \\
 & c_{19} T_1^3 T_2^{15} - 6 c_{31} T_1^3 T_2^{15} + c_{34} T_1^3 T_2^{15} - 6 c_{46} T_1^3 T_2^{15} + c_{49} T_1^3 T_2^{15} - 6 c_{61} T_1^3 T_2^{15} + c_{64} T_1^3 T_2^{15} - \\
 & 8 c_{81} T_1^3 T_2^{15} + 21 c_{82} T_1^3 T_2^{15} + 8 c_{84} T_1^3 T_2^{15} + 22 c_{85} T_1^3 T_2^{15} - 27 a_2 b_3 T_1^4 T_2^{15} + 66 a_4 b_3 T_1^4 T_2^{15} + \\
 & 45 a_2 b_5 T_1^4 T_2^{15} - 75 a_4 b_5 T_1^4 T_2^{15} - 2 c_{16} T_1^4 T_2^{15} - 13 c_{19} T_1^4 T_2^{15} - 2 c_{31} T_1^4 T_2^{15} - 13 c_{34} T_1^4 T_2^{15} - \\
 & 2 c_{46} T_1^4 T_2^{15} - 13 c_{49} T_1^4 T_2^{15} - 2 c_{61} T_1^4 T_2^{15} - 13 c_{64} T_1^4 T_2^{15} + 4 c_{81} T_1^4 T_2^{15} - 77 c_{82} T_1^4 T_2^{15} + \\
 & 12 c_{84} T_1^4 T_2^{15} - 49 c_{85} T_1^4 T_2^{15} + 36 a_2 b_3 T_1^5 T_2^{15} - 102 a_4 b_3 T_1^5 T_2^{15} - 48 a_2 b_5 T_1^5 T_2^{15} + \\
 & 177 a_4 b_5 T_1^5 T_2^{15} - 3 c_{16} T_1^5 T_2^{15} + 19 c_{19} T_1^5 T_2^{15} - 3 c_{31} T_1^5 T_2^{15} + 19 c_{34} T_1^5 T_2^{15} - 3 c_{46} T_1^5 T_2^{15} + \\
 & 19 c_{49} T_1^5 T_2^{15} - 3 c_{61} T_1^5 T_2^{15} + 19 c_{64} T_1^5 T_2^{15} + 12 c_{81} T_1^5 T_2^{15} + 65 c_{82} T_1^5 T_2^{15} + 24 c_{84} T_1^5 T_2^{15} + \\
 & 46 c_{85} T_1^5 T_2^{15} - 48 a_2 b_3 T_1^6 T_2^{15} + 113 a_4 b_3 T_1^6 T_2^{15} + 65 a_2 b_5 T_1^6 T_2^{15} - 135 a_4 b_5 T_1^6 T_2^{15} - \\
 & 9 c_{16} T_1^6 T_2^{15} - 37 c_{19} T_1^6 T_2^{15} - 9 c_{31} T_1^6 T_2^{15} - 37 c_{34} T_1^6 T_2^{15} - 9 c_{46} T_1^6 T_2^{15} - 37 c_{49} T_1^6 T_2^{15} - \\
 & 9 c_{61} T_1^6 T_2^{15} - 37 c_{64} T_1^6 T_2^{15} - 50 c_{81} T_1^6 T_2^{15} - 145 c_{82} T_1^6 T_2^{15} - 26 c_{84} T_1^6 T_2^{15} - 85 c_{85} T_1^6 T_2^{15} + \\
 & 72 a_2 b_3 T_1^7 T_2^{15} - 141 a_4 b_3 T_1^7 T_2^{15} - 83 a_2 b_5 T_1^7 T_2^{15} + 259 a_4 b_5 T_1^7 T_2^{15} + 4 c_{16} T_1^7 T_2^{15} + \\
 & 39 c_{19} T_1^7 T_2^{15} + 4 c_{31} T_1^7 T_2^{15} + 39 c_{34} T_1^7 T_2^{15} + 4 c_{46} T_1^7 T_2^{15} + 39 c_{49} T_1^7 T_2^{15} + 4 c_{61} T_1^7 T_2^{15} + \\
 & 39 c_{64} T_1^7 T_2^{15} + 58 c_{81} T_1^7 T_2^{15} + 121 c_{82} T_1^7 T_2^{15} + 32 c_{84} T_1^7 T_2^{15} + 70 c_{85} T_1^7 T_2^{15} - 41 a_2 b_3 T_1^8 T_2^{15} + \\
 & 121 a_4 b_3 T_1^8 T_2^{15} - 4 a_2 b_5 T_1^8 T_2^{15} - 127 a_4 b_5 T_1^8 T_2^{15} - 16 c_{16} T_1^8 T_2^{15} - 57 c_{19} T_1^8 T_2^{15} - \\
 & 16 c_{31} T_1^8 T_2^{15} - 57 c_{34} T_1^8 T_2^{15} - 16 c_{46} T_1^8 T_2^{15} - 57 c_{49} T_1^8 T_2^{15} - 16 c_{61} T_1^8 T_2^{15} - 57 c_{64} T_1^8 T_2^{15} - \\
 & 240 c_{81} T_1^8 T_2^{15} - 181 c_{82} T_1^8 T_2^{15} - 208 c_{84} T_1^8 T_2^{15} - 105 c_{85} T_1^8 T_2^{15} - 49 a_2 b_3 T_1^9 T_2^{15} + \\
 & 61 a_4 b_3 T_1^9 T_2^{15} + 102 a_2 b_5 T_1^9 T_2^{15} - 60 a_4 b_5 T_1^9 T_2^{15} + 20 c_{16} T_1^9 T_2^{15} + 110 c_{19} T_1^9 T_2^{15} + \\
 & 20 c_{31} T_1^9 T_2^{15} + 110 c_{34} T_1^9 T_2^{15} + 20 c_{46} T_1^9 T_2^{15} + 110 c_{49} T_1^9 T_2^{15} + 20 c_{61} T_1^9 T_2^{15} + 110 c_{64} T_1^9 T_2^{15} + \\
 & 418 c_{81} T_1^9 T_2^{15} + 474 c_{82} T_1^9 T_2^{15} + 210 c_{84} T_1^9 T_2^{15} + 242 c_{85} T_1^9 T_2^{15} + 137 a_2 b_3 T_1^{10} T_2^{15} - \\
 & 254 a_4 b_3 T_1^{10} T_2^{15} - 187 a_2 b_5 T_1^{10} T_2^{15} + 219 a_4 b_5 T_1^{10} T_2^{15} - 25 c_{16} T_1^{10} T_2^{15} - 78 c_{19} T_1^{10} T_2^{15} - \\
 & 25 c_{31} T_1^{10} T_2^{15} - 78 c_{34} T_1^{10} T_2^{15} - 25 c_{46} T_1^{10} T_2^{15} - 78 c_{49} T_1^{10} T_2^{15} - 25 c_{61} T_1^{10} T_2^{15} - \\
 & 78 c_{64} T_1^{10} T_2^{15} - 410 c_{81} T_1^{10} T_2^{15} - 438 c_{82} T_1^{10} T_2^{15} - 200 c_{84} T_1^{10} T_2^{15} - 220 c_{85} T_1^{10} T_2^{15} - \\
 & 233 a_2 b_3 T_1^{11} T_2^{15} + 444 a_4 b_3 T_1^{11} T_2^{15} + 303 a_2 b_5 T_1^{11} T_2^{15} - 397 a_4 b_5 T_1^{11} T_2^{15} + 26 c_{16} T_1^{11} T_2^{15} + \\
 & 70 c_{19} T_1^{11} T_2^{15} + 26 c_{31} T_1^{11} T_2^{15} + 70 c_{34} T_1^{11} T_2^{15} + 26 c_{46} T_1^{11} T_2^{15} + 70 c_{49} T_1^{11} T_2^{15} + \\
 & 26 c_{61} T_1^{11} T_2^{15} + 70 c_{64} T_1^{11} T_2^{15} + 410 c_{81} T_1^{11} T_2^{15} + 410 c_{82} T_1^{11} T_2^{15} + 210 c_{84} T_1^{11} T_2^{15} + \\
 & 210 c_{85} T_1^{11} T_2^{15} + 329 a_2 b_3 T_1^{12} T_2^{15} - 667 a_4 b_3 T_1^{12} T_2^{15} - 390 a_2 b_5 T_1^{12} T_2^{15} + 627 a_4 b_5 T_1^{12} T_2^{15} - \\
 & 23 c_{16} T_1^{12} T_2^{15} - 50 c_{19} T_1^{12} T_2^{15} - 23 c_{31} T_1^{12} T_2^{15} - 50 c_{34} T_1^{12} T_2^{15} - 23 c_{46} T_1^{12} T_2^{15} - \\
 & 50 c_{49} T_1^{12} T_2^{15} - 23 c_{61} T_1^{12} T_2^{15} - 50 c_{64} T_1^{12} T_2^{15} - 386 c_{81} T_1^{12} T_2^{15} - 422 c_{82} T_1^{12} T_2^{15} - \\
 & 176 c_{84} T_1^{12} T_2^{15} - 212 c_{85} T_1^{12} T_2^{15} - 435 a_2 b_3 T_1^{13} T_2^{15} + 873 a_4 b_3 T_1^{13} T_2^{15} + 528 a_2 b_5 T_1^{13} T_2^{15} -
 \end{aligned}$$

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$$\begin{aligned}
 & 768 a_4 b_5 T_1^{13} T_2^{15} + 16 c_{16} T_1^{13} T_2^{15} + 30 c_{19} T_1^{13} T_2^{15} + 16 c_{31} T_1^{13} T_2^{15} + 30 c_{34} T_1^{13} T_2^{15} + \\
 & 16 c_{46} T_1^{13} T_2^{15} + 30 c_{49} T_1^{13} T_2^{15} + 16 c_{61} T_1^{13} T_2^{15} + 30 c_{64} T_1^{13} T_2^{15} + 370 c_{81} T_1^{13} T_2^{15} + \\
 & 346 c_{82} T_1^{13} T_2^{15} + 194 c_{84} T_1^{13} T_2^{15} + 178 c_{85} T_1^{13} T_2^{15} + 543 a_2 b_3 T_1^{14} T_2^{15} - 1134 a_4 b_3 T_1^{14} T_2^{15} - \\
 & 621 a_2 b_5 T_1^{14} T_2^{15} + 1134 a_4 b_5 T_1^{14} T_2^{15} - 5 c_{16} T_1^{14} T_2^{15} - 22 c_{19} T_1^{14} T_2^{15} - 5 c_{31} T_1^{14} T_2^{15} - \\
 & 22 c_{34} T_1^{14} T_2^{15} - 5 c_{46} T_1^{14} T_2^{15} - 22 c_{49} T_1^{14} T_2^{15} - 5 c_{61} T_1^{14} T_2^{15} - 22 c_{64} T_1^{14} T_2^{15} - 330 c_{81} T_1^{14} T_2^{15} - \\
 & 406 c_{82} T_1^{14} T_2^{15} - 136 c_{84} T_1^{14} T_2^{15} - 204 c_{85} T_1^{14} T_2^{15} - 663 a_2 b_3 T_1^{15} T_2^{15} + 1338 a_4 b_3 T_1^{15} T_2^{15} + \\
 & 759 a_2 b_5 T_1^{15} T_2^{15} - 1195 a_4 b_5 T_1^{15} T_2^{15} - 10 c_{16} T_1^{15} T_2^{15} - 10 c_{19} T_1^{15} T_2^{15} - 10 c_{31} T_1^{15} T_2^{15} - \\
 & 10 c_{34} T_1^{15} T_2^{15} - 10 c_{46} T_1^{15} T_2^{15} - 10 c_{49} T_1^{15} T_2^{15} - 10 c_{61} T_1^{15} T_2^{15} - 10 c_{64} T_1^{15} T_2^{15} + \\
 & 282 c_{81} T_1^{15} T_2^{15} + 282 c_{82} T_1^{15} T_2^{15} + 146 c_{84} T_1^{15} T_2^{15} + 146 c_{85} T_1^{15} T_2^{15} + 816 a_2 b_3 T_1^{16} T_2^{15} - \\
 & 1599 a_4 b_3 T_1^{16} T_2^{15} - 897 a_2 b_5 T_1^{16} T_2^{15} + 1647 a_4 b_5 T_1^{16} T_2^{15} + 25 c_{16} T_1^{16} T_2^{15} + 10 c_{19} T_1^{16} T_2^{15} + \\
 & 25 c_{31} T_1^{16} T_2^{15} + 10 c_{34} T_1^{16} T_2^{15} + 25 c_{46} T_1^{16} T_2^{15} + 10 c_{49} T_1^{16} T_2^{15} + 25 c_{61} T_1^{16} T_2^{15} + 10 c_{64} T_1^{16} T_2^{15} - \\
 & 258 c_{81} T_1^{16} T_2^{15} - 366 c_{82} T_1^{16} T_2^{15} - 112 c_{84} T_1^{16} T_2^{15} - 196 c_{85} T_1^{16} T_2^{15} - 849 a_2 b_3 T_1^{17} T_2^{15} + \\
 & 1755 a_4 b_3 T_1^{17} T_2^{15} + 810 a_2 b_5 T_1^{17} T_2^{15} - 1515 a_4 b_5 T_1^{17} T_2^{15} - 44 c_{16} T_1^{17} T_2^{15} - 42 c_{19} T_1^{17} T_2^{15} - \\
 & 44 c_{31} T_1^{17} T_2^{15} - 42 c_{34} T_1^{17} T_2^{15} - 44 c_{46} T_1^{17} T_2^{15} - 42 c_{49} T_1^{17} T_2^{15} - 44 c_{61} T_1^{17} T_2^{15} - \\
 & 42 c_{64} T_1^{17} T_2^{15} + 48 c_{81} T_1^{17} T_2^{15} + 282 c_{82} T_1^{17} T_2^{15} - 64 c_{84} T_1^{17} T_2^{15} + 146 c_{85} T_1^{17} T_2^{15} + \\
 & 762 a_2 b_3 T_1^{18} T_2^{15} - 1577 a_4 b_3 T_1^{18} T_2^{15} - 719 a_2 b_5 T_1^{18} T_2^{15} + 1337 a_4 b_5 T_1^{18} T_2^{15} + \\
 & 104 c_{16} T_1^{18} T_2^{15} + 39 c_{19} T_1^{18} T_2^{15} + 104 c_{31} T_1^{18} T_2^{15} + 39 c_{34} T_1^{18} T_2^{15} + 104 c_{46} T_1^{18} T_2^{15} + \\
 & 39 c_{49} T_1^{18} T_2^{15} + 104 c_{61} T_1^{18} T_2^{15} + 39 c_{64} T_1^{18} T_2^{15} + 118 c_{81} T_1^{18} T_2^{15} + 91 c_{82} T_1^{18} T_2^{15} + \\
 & 54 c_{84} T_1^{18} T_2^{15} + 39 c_{85} T_1^{18} T_2^{15} - 677 a_2 b_3 T_1^{19} T_2^{15} + 1396 a_4 b_3 T_1^{19} T_2^{15} + 635 a_2 b_5 T_1^{19} T_2^{15} - \\
 & 1197 a_4 b_5 T_1^{19} T_2^{15} - 66 c_{16} T_1^{19} T_2^{15} - 25 c_{19} T_1^{19} T_2^{15} - 66 c_{31} T_1^{19} T_2^{15} - 25 c_{34} T_1^{19} T_2^{15} - \\
 & 66 c_{46} T_1^{19} T_2^{15} - 25 c_{49} T_1^{19} T_2^{15} - 66 c_{61} T_1^{19} T_2^{15} - 25 c_{64} T_1^{19} T_2^{15} - 110 c_{81} T_1^{19} T_2^{15} - \\
 & 91 c_{82} T_1^{19} T_2^{15} - 56 c_{84} T_1^{19} T_2^{15} - 38 c_{85} T_1^{19} T_2^{15} + 587 a_2 b_3 T_1^{20} T_2^{15} - 1216 a_4 b_3 T_1^{20} T_2^{15} - \\
 & 533 a_2 b_5 T_1^{20} T_2^{15} + 1025 a_4 b_5 T_1^{20} T_2^{15} + 69 c_{16} T_1^{20} T_2^{15} + 23 c_{19} T_1^{20} T_2^{15} + 69 c_{31} T_1^{20} T_2^{15} + \\
 & 23 c_{34} T_1^{20} T_2^{15} + 69 c_{46} T_1^{20} T_2^{15} + 23 c_{49} T_1^{20} T_2^{15} + 69 c_{61} T_1^{20} T_2^{15} + 23 c_{64} T_1^{20} T_2^{15} + 106 c_{81} T_1^{20} T_2^{15} + \\
 & 95 c_{82} T_1^{20} T_2^{15} + 50 c_{84} T_1^{20} T_2^{15} + 43 c_{85} T_1^{20} T_2^{15} - 497 a_2 b_3 T_1^{21} T_2^{15} + 1017 a_4 b_3 T_1^{21} T_2^{15} + \\
 & 448 a_2 b_5 T_1^{21} T_2^{15} - 845 a_4 b_5 T_1^{21} T_2^{15} - 23 c_{16} T_1^{21} T_2^{15} - 15 c_{19} T_1^{21} T_2^{15} - 23 c_{31} T_1^{21} T_2^{15} - \\
 & 15 c_{34} T_1^{21} T_2^{15} - 23 c_{46} T_1^{21} T_2^{15} - 15 c_{49} T_1^{21} T_2^{15} - 23 c_{61} T_1^{21} T_2^{15} - 15 c_{64} T_1^{21} T_2^{15} - 90 c_{81} T_1^{21} T_2^{15} - \\
 & 119 c_{82} T_1^{21} T_2^{15} - 40 c_{84} T_1^{21} T_2^{15} - 54 c_{85} T_1^{21} T_2^{15} + 400 a_2 b_3 T_1^{22} T_2^{15} - 827 a_4 b_3 T_1^{22} T_2^{15} - \\
 & 331 a_2 b_5 T_1^{22} T_2^{15} + 695 a_4 b_5 T_1^{22} T_2^{15} + 22 c_{16} T_1^{22} T_2^{15} + 7 c_{19} T_1^{22} T_2^{15} + 22 c_{31} T_1^{22} T_2^{15} + \\
 & 7 c_{34} T_1^{22} T_2^{15} + 22 c_{46} T_1^{22} T_2^{15} + 7 c_{49} T_1^{22} T_2^{15} + 22 c_{61} T_1^{22} T_2^{15} + 7 c_{64} T_1^{22} T_2^{15} + 78 c_{81} T_1^{22} T_2^{15} + \\
 & 99 c_{82} T_1^{22} T_2^{15} + 38 c_{84} T_1^{22} T_2^{15} + 47 c_{85} T_1^{22} T_2^{15} - 301 a_2 b_3 T_1^{23} T_2^{15} + 602 a_4 b_3 T_1^{23} T_2^{15} + \\
 & 241 a_2 b_5 T_1^{23} T_2^{15} - 431 a_4 b_5 T_1^{23} T_2^{15} + 32 c_{16} T_1^{23} T_2^{15} - 5 c_{19} T_1^{23} T_2^{15} + 32 c_{31} T_1^{23} T_2^{15} - \\
 & 5 c_{34} T_1^{23} T_2^{15} + 32 c_{46} T_1^{23} T_2^{15} - 5 c_{49} T_1^{23} T_2^{15} + 32 c_{61} T_1^{23} T_2^{15} - 5 c_{64} T_1^{23} T_2^{15} - 54 c_{81} T_1^{23} T_2^{15} - \\
 & 147 c_{82} T_1^{23} T_2^{15} - 16 c_{84} T_1^{23} T_2^{15} - 70 c_{85} T_1^{23} T_2^{15} + 193 a_2 b_3 T_1^{24} T_2^{15} - 409 a_4 b_3 T_1^{24} T_2^{15} - \\
 & 120 a_2 b_5 T_1^{24} T_2^{15} + 328 a_4 b_5 T_1^{24} T_2^{15} - 37 c_{16} T_1^{24} T_2^{15} - 9 c_{19} T_1^{24} T_2^{15} - 37 c_{31} T_1^{24} T_2^{15} - \\
 & 9 c_{34} T_1^{24} T_2^{15} - 37 c_{46} T_1^{24} T_2^{15} - 9 c_{49} T_1^{24} T_2^{15} - 37 c_{61} T_1^{24} T_2^{15} - 9 c_{64} T_1^{24} T_2^{15} + 44 c_{81} T_1^{24} T_2^{15} + \\
 & 103 c_{82} T_1^{24} T_2^{15} + 28 c_{84} T_1^{24} T_2^{15} + 51 c_{85} T_1^{24} T_2^{15} - 64 a_2 b_3 T_1^{25} T_2^{15} + 176 a_4 b_3 T_1^{25} T_2^{15} + \\
 & 59 c_{16} T_1^{25} T_2^{15} + 7 c_{19} T_1^{25} T_2^{15} + 59 c_{31} T_1^{25} T_2^{15} + 7 c_{34} T_1^{25} T_2^{15} + 59 c_{46} T_1^{25} T_2^{15} + 7 c_{49} T_1^{25} T_2^{15} + \\
 & 59 c_{61} T_1^{25} T_2^{15} + 7 c_{64} T_1^{25} T_2^{15} - 28 c_{81} T_1^{25} T_2^{15} - 163 c_{82} T_1^{25} T_2^{15} - 86 c_{85} T_1^{25} T_2^{15} - \\
 & 104 c_{16} T_1^{26} T_2^{15} - 21 c_{19} T_1^{26} T_2^{15} - 104 c_{31} T_1^{26} T_2^{15} - 21 c_{34} T_1^{26} T_2^{15} - 104 c_{46} T_1^{26} T_2^{15} - \\
 & 21 c_{49} T_1^{26} T_2^{15} - 104 c_{61} T_1^{26} T_2^{15} - 21 c_{64} T_1^{26} T_2^{15} + 139 c_{82} T_1^{26} T_2^{15} + 71 c_{85} T_1^{26} T_2^{15} + \\
 & 2 a_2 b_3 T_1^{16} T_2^{16} - 3 a_4 b_3 T_1^{16} T_2^{16} - 5 a_2 b_5 T_1^{16} T_2^{16} + 7 a_4 b_5 T_1^{16} T_2^{16} - 23 c_{19} T_1^{16} T_2^{16} - 23 c_{34} T_1^{16} T_2^{16} - 23 c_{49} T_1^{16} T_2^{16} - \\
 & 23 c_{64} T_1^{16} T_2^{16} - 8 c_{81} T_1^{16} T_2^{16} - 31 c_{82} T_1^{16} T_2^{16} - 8 c_{84} T_1^{16} T_2^{16} - 8 c_{85} T_1^{16} T_2^{16} - 3 a_2 b_3 T_1 T_2^{16} + 11 a_4 b_3 T_1 T_2^{16} + \\
 & 4 a_2 b_5 T_1 T_2^{16} - 20 a_4 b_5 T_1 T_2^{16} + 3 c_{16} T_1 T_2^{16} - c_{19} T_1 T_2^{16} + 3 c_{31} T_1 T_2^{16} - c_{34} T_1 T_2^{16} + \\
 & 3 c_{46} T_1 T_2^{16} - c_{49} T_1 T_2^{16} + 3 c_{61} T_1 T_2^{16} - c_{64} T_1 T_2^{16} + 4 c_{81} T_1 T_2^{16} - 17 c_{82} T_1 T_2^{16} - 4 c_{84} T_1 T_2^{16} - \\
 & 19 c_{85} T_1 T_2^{16} + 6 a_2 b_3 T_1^2 T_2^{16} - 16 a_4 b_3 T_1^2 T_2^{16} - 14 a_2 b_5 T_1^2 T_2^{16} + 22 a_4 b_5 T_1^2 T_2^{16} + \\
 & c_{16} T_1^2 T_2^{16} + 7 c_{19} T_1^2 T_2^{16} + c_{31} T_1^2 T_2^{16} + 7 c_{34} T_1^2 T_2^{16} + c_{46} T_1^2 T_2^{16} + 7 c_{49} T_1^2 T_2^{16} + c_{61} T_1^2 T_2^{16} + \\
 & 7 c_{64} T_1^2 T_2^{16} - 4 c_{81} T_1^2 T_2^{16} + 45 c_{82} T_1^2 T_2^{16} - 8 c_{84} T_1^2 T_2^{16} + 32 c_{85} T_1^2 T_2^{16} - 8 a_2 b_3 T_1^3 T_2^{16} + \\
 & 32 a_4 b_3 T_1^3 T_2^{16} + 12 a_2 b_5 T_1^3 T_2^{16} - 60 a_4 b_5 T_1^3 T_2^{16} + 2 c_{16} T_1^3 T_2^{16} - 25 c_{19} T_1^3 T_2^{16} + \\
 & 2 c_{31} T_1^3 T_2^{16} - 25 c_{34} T_1^3 T_2^{16} + 2 c_{46} T_1^3 T_2^{16} - 25 c_{49} T_1^3 T_2^{16} + 2 c_{61} T_1^3 T_2^{16} - 25 c_{64} T_1^3 T_2^{16} -
 \end{aligned}$$

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$$\begin{aligned}
 & 8 c_{81} T_1^3 T_2^{16} - 69 c_{82} T_1^3 T_2^{16} - 16 c_{84} T_1^3 T_2^{16} - 47 c_{85} T_1^3 T_2^{16} + 12 a_2 b_3 T_1^4 T_2^{16} - 39 a_4 b_3 T_1^4 T_2^{16} - \\
 & 27 a_2 b_5 T_1^4 T_2^{16} + 45 a_4 b_5 T_1^4 T_2^{16} + 6 c_{16} T_1^4 T_2^{16} + 37 c_{19} T_1^4 T_2^{16} + 6 c_{31} T_1^4 T_2^{16} + 37 c_{34} T_1^4 T_2^{16} + \\
 & 6 c_{46} T_1^4 T_2^{16} + 37 c_{49} T_1^4 T_2^{16} + 6 c_{61} T_1^4 T_2^{16} + 37 c_{64} T_1^4 T_2^{16} + 16 c_{81} T_1^4 T_2^{16} + 121 c_{82} T_1^4 T_2^{16} + \\
 & 72 c_{85} T_1^4 T_2^{16} - 15 a_2 b_3 T_1^5 T_2^{16} + 63 a_4 b_3 T_1^5 T_2^{16} + 24 a_2 b_5 T_1^5 T_2^{16} - 120 a_4 b_5 T_1^5 T_2^{16} - \\
 & 3 c_{16} T_1^5 T_2^{16} - 49 c_{19} T_1^5 T_2^{16} - 3 c_{31} T_1^5 T_2^{16} - 49 c_{34} T_1^5 T_2^{16} - 3 c_{46} T_1^5 T_2^{16} - 49 c_{49} T_1^5 T_2^{16} - \\
 & 3 c_{61} T_1^5 T_2^{16} - 49 c_{64} T_1^5 T_2^{16} - 36 c_{81} T_1^5 T_2^{16} - 121 c_{82} T_1^5 T_2^{16} - 36 c_{84} T_1^5 T_2^{16} - 75 c_{85} T_1^5 T_2^{16} + \\
 & 20 a_2 b_3 T_1^6 T_2^{16} - 72 a_4 b_3 T_1^6 T_2^{16} - 44 a_2 b_5 T_1^6 T_2^{16} + 65 a_4 b_5 T_1^6 T_2^{16} + 15 c_{16} T_1^6 T_2^{16} + \\
 & 67 c_{19} T_1^6 T_2^{16} + 15 c_{31} T_1^6 T_2^{16} + 67 c_{34} T_1^6 T_2^{16} + 15 c_{46} T_1^6 T_2^{16} + 67 c_{49} T_1^6 T_2^{16} + 15 c_{61} T_1^6 T_2^{16} + \\
 & 67 c_{64} T_1^6 T_2^{16} + 52 c_{81} T_1^6 T_2^{16} + 197 c_{82} T_1^6 T_2^{16} + 16 c_{84} T_1^6 T_2^{16} + 112 c_{85} T_1^6 T_2^{16} - 24 a_2 b_3 T_1^7 T_2^{16} + \\
 & 116 a_4 b_3 T_1^7 T_2^{16} + 52 a_2 b_5 T_1^7 T_2^{16} - 192 a_4 b_5 T_1^7 T_2^{16} - 12 c_{16} T_1^7 T_2^{16} - 73 c_{19} T_1^7 T_2^{16} - \\
 & 12 c_{31} T_1^7 T_2^{16} - 73 c_{34} T_1^7 T_2^{16} - 12 c_{46} T_1^7 T_2^{16} - 73 c_{49} T_1^7 T_2^{16} - 12 c_{61} T_1^7 T_2^{16} - 73 c_{64} T_1^7 T_2^{16} - \\
 & 50 c_{81} T_1^7 T_2^{16} - 173 c_{82} T_1^7 T_2^{16} - 34 c_{84} T_1^7 T_2^{16} - 103 c_{85} T_1^7 T_2^{16} - 44 a_2 b_3 T_1^8 T_2^{16} - \\
 & 93 a_4 b_3 T_1^8 T_2^{16} + 55 a_2 b_5 T_1^8 T_2^{16} + 22 a_4 b_5 T_1^8 T_2^{16} + 28 c_{16} T_1^8 T_2^{16} + 95 c_{19} T_1^8 T_2^{16} + \\
 & 28 c_{31} T_1^8 T_2^{16} + 95 c_{34} T_1^8 T_2^{16} + 28 c_{46} T_1^8 T_2^{16} + 95 c_{49} T_1^8 T_2^{16} + 28 c_{61} T_1^8 T_2^{16} + 95 c_{64} T_1^8 T_2^{16} + \\
 & 252 c_{81} T_1^8 T_2^{16} + 257 c_{82} T_1^8 T_2^{16} + 218 c_{84} T_1^8 T_2^{16} + 152 c_{85} T_1^8 T_2^{16} + 174 a_2 b_3 T_1^9 T_2^{16} - \\
 & 104 a_4 b_3 T_1^9 T_2^{16} - 168 a_2 b_5 T_1^9 T_2^{16} + 187 a_4 b_5 T_1^9 T_2^{16} - 32 c_{16} T_1^9 T_2^{16} - 119 c_{19} T_1^9 T_2^{16} - \\
 & 32 c_{31} T_1^9 T_2^{16} - 119 c_{34} T_1^9 T_2^{16} - 32 c_{46} T_1^9 T_2^{16} - 119 c_{49} T_1^9 T_2^{16} - 32 c_{61} T_1^9 T_2^{16} - 119 c_{64} T_1^9 T_2^{16} - \\
 & 438 c_{81} T_1^9 T_2^{16} - 498 c_{82} T_1^9 T_2^{16} - 220 c_{84} T_1^9 T_2^{16} - 256 c_{85} T_1^9 T_2^{16} - 302 a_2 b_3 T_1^{10} T_2^{16} + \\
 & 305 a_4 b_3 T_1^{10} T_2^{16} + 271 a_2 b_5 T_1^{10} T_2^{16} - 372 a_4 b_5 T_1^{10} T_2^{16} + 35 c_{16} T_1^{10} T_2^{16} + 77 c_{19} T_1^{10} T_2^{16} + \\
 & 35 c_{31} T_1^{10} T_2^{16} + 77 c_{34} T_1^{10} T_2^{16} + 35 c_{46} T_1^{10} T_2^{16} + 77 c_{49} T_1^{10} T_2^{16} + 35 c_{61} T_1^{10} T_2^{16} + \\
 & 77 c_{64} T_1^{10} T_2^{16} + 438 c_{81} T_1^{10} T_2^{16} + 438 c_{82} T_1^{10} T_2^{16} + 218 c_{84} T_1^{10} T_2^{16} + 218 c_{85} T_1^{10} T_2^{16} + \\
 & 438 a_2 b_3 T_1^{11} T_2^{16} - 504 a_4 b_3 T_1^{11} T_2^{16} - 400 a_2 b_5 T_1^{11} T_2^{16} + 576 a_4 b_5 T_1^{11} T_2^{16} - \\
 & 34 c_{16} T_1^{11} T_2^{16} - 71 c_{19} T_1^{11} T_2^{16} - 34 c_{31} T_1^{11} T_2^{16} - 71 c_{34} T_1^{11} T_2^{16} - 34 c_{46} T_1^{11} T_2^{16} - \\
 & 71 c_{49} T_1^{11} T_2^{16} - 34 c_{61} T_1^{11} T_2^{16} - 71 c_{64} T_1^{11} T_2^{16} - 446 c_{81} T_1^{11} T_2^{16} - 418 c_{82} T_1^{11} T_2^{16} - \\
 & 228 c_{84} T_1^{11} T_2^{16} - 208 c_{85} T_1^{11} T_2^{16} - 574 a_2 b_3 T_1^{12} T_2^{16} + 729 a_4 b_3 T_1^{12} T_2^{16} + 503 a_2 b_5 T_1^{12} T_2^{16} - \\
 & 820 a_4 b_5 T_1^{12} T_2^{16} + 29 c_{16} T_1^{12} T_2^{16} + 41 c_{19} T_1^{12} T_2^{16} + 29 c_{31} T_1^{12} T_2^{16} + 41 c_{34} T_1^{12} T_2^{16} + \\
 & 29 c_{46} T_1^{12} T_2^{16} + 41 c_{49} T_1^{12} T_2^{16} + 29 c_{61} T_1^{12} T_2^{16} + 41 c_{64} T_1^{12} T_2^{16} + 430 c_{81} T_1^{12} T_2^{16} + \\
 & 406 c_{82} T_1^{12} T_2^{16} + 202 c_{84} T_1^{12} T_2^{16} + 194 c_{85} T_1^{12} T_2^{16} + 720 a_2 b_3 T_1^{13} T_2^{16} - 938 a_4 b_3 T_1^{13} T_2^{16} - \\
 & 652 a_2 b_5 T_1^{13} T_2^{16} + 991 a_4 b_5 T_1^{13} T_2^{16} - 20 c_{16} T_1^{13} T_2^{16} - 23 c_{19} T_1^{13} T_2^{16} - 20 c_{31} T_1^{13} T_2^{16} - \\
 & 23 c_{34} T_1^{13} T_2^{16} - 20 c_{46} T_1^{13} T_2^{16} - 23 c_{49} T_1^{13} T_2^{16} - 20 c_{61} T_1^{13} T_2^{16} - 23 c_{64} T_1^{13} T_2^{16} - \\
 & 422 c_{81} T_1^{13} T_2^{16} - 338 c_{82} T_1^{13} T_2^{16} - 220 c_{84} T_1^{13} T_2^{16} - 160 c_{85} T_1^{13} T_2^{16} - 868 a_2 b_3 T_1^{14} T_2^{16} + \\
 & 1195 a_4 b_3 T_1^{14} T_2^{16} + 759 a_2 b_5 T_1^{14} T_2^{16} - 1338 a_4 b_5 T_1^{14} T_2^{16} + 7 c_{16} T_1^{14} T_2^{16} + 5 c_{19} T_1^{14} T_2^{16} + \\
 & 7 c_{31} T_1^{14} T_2^{16} + 5 c_{34} T_1^{14} T_2^{16} + 7 c_{46} T_1^{14} T_2^{16} + 5 c_{49} T_1^{14} T_2^{16} + 7 c_{61} T_1^{14} T_2^{16} + 5 c_{64} T_1^{14} T_2^{16} + \\
 & 390 c_{81} T_1^{14} T_2^{16} + 374 c_{82} T_1^{14} T_2^{16} + 170 c_{84} T_1^{14} T_2^{16} + 170 c_{85} T_1^{14} T_2^{16} + 1028 a_2 b_3 T_1^{15} T_2^{16} - \\
 & 1422 a_4 b_3 T_1^{15} T_2^{16} - 932 a_2 b_5 T_1^{15} T_2^{16} + 1422 a_4 b_5 T_1^{15} T_2^{16} + 10 c_{16} T_1^{15} T_2^{16} + 25 c_{19} T_1^{15} T_2^{16} + \\
 & 10 c_{31} T_1^{15} T_2^{16} + 25 c_{34} T_1^{15} T_2^{16} + 10 c_{46} T_1^{15} T_2^{16} + 25 c_{49} T_1^{15} T_2^{16} + 10 c_{61} T_1^{15} T_2^{16} + \\
 & 25 c_{64} T_1^{15} T_2^{16} - 366 c_{81} T_1^{15} T_2^{16} - 258 c_{82} T_1^{15} T_2^{16} - 196 c_{84} T_1^{15} T_2^{16} - 112 c_{85} T_1^{15} T_2^{16} - \\
 & 1192 a_2 b_3 T_1^{16} T_2^{16} + 1748 a_4 b_3 T_1^{16} T_2^{16} + 1076 a_2 b_5 T_1^{16} T_2^{16} - 1925 a_4 b_5 T_1^{16} T_2^{16} - \\
 & 31 c_{16} T_1^{16} T_2^{16} - 31 c_{19} T_1^{16} T_2^{16} - 31 c_{31} T_1^{16} T_2^{16} - 31 c_{34} T_1^{16} T_2^{16} - 31 c_{46} T_1^{16} T_2^{16} - \\
 & 31 c_{49} T_1^{16} T_2^{16} - 31 c_{61} T_1^{16} T_2^{16} - 31 c_{64} T_1^{16} T_2^{16} + 342 c_{81} T_1^{16} T_2^{16} + 342 c_{82} T_1^{16} T_2^{16} + \\
 & 146 c_{84} T_1^{16} T_2^{16} + 146 c_{85} T_1^{16} T_2^{16} + 1196 a_2 b_3 T_1^{17} T_2^{16} - 1925 a_4 b_3 T_1^{17} T_2^{16} - 969 a_2 b_5 T_1^{17} T_2^{16} + \\
 & 1755 a_4 b_5 T_1^{17} T_2^{16} + 60 c_{16} T_1^{17} T_2^{16} + 69 c_{19} T_1^{17} T_2^{16} + 60 c_{31} T_1^{17} T_2^{16} + 69 c_{34} T_1^{17} T_2^{16} + \\
 & 60 c_{46} T_1^{17} T_2^{16} + 69 c_{49} T_1^{17} T_2^{16} + 60 c_{61} T_1^{17} T_2^{16} + 69 c_{64} T_1^{17} T_2^{16} - 108 c_{81} T_1^{17} T_2^{16} - \\
 & 210 c_{82} T_1^{17} T_2^{16} + 38 c_{84} T_1^{17} T_2^{16} - 64 c_{85} T_1^{17} T_2^{16} - 1068 a_2 b_3 T_1^{18} T_2^{16} + 1731 a_4 b_3 T_1^{18} T_2^{16} + \\
 & 861 a_2 b_5 T_1^{18} T_2^{16} - 1553 a_4 b_5 T_1^{18} T_2^{16} - 108 c_{16} T_1^{18} T_2^{16} - 42 c_{19} T_1^{18} T_2^{16} - 108 c_{31} T_1^{18} T_2^{16} - \\
 & 42 c_{34} T_1^{18} T_2^{16} - 108 c_{46} T_1^{18} T_2^{16} - 42 c_{49} T_1^{18} T_2^{16} - 108 c_{61} T_1^{18} T_2^{16} - 42 c_{64} T_1^{18} T_2^{16} - \\
 & 70 c_{81} T_1^{18} T_2^{16} - 143 c_{82} T_1^{18} T_2^{16} - 32 c_{84} T_1^{18} T_2^{16} - 104 c_{85} T_1^{18} T_2^{16} + 941 a_2 b_3 T_1^{19} T_2^{16} - \\
 & 1538 a_4 b_3 T_1^{19} T_2^{16} - 757 a_2 b_5 T_1^{19} T_2^{16} + 1381 a_4 b_5 T_1^{19} T_2^{16} + 74 c_{16} T_1^{19} T_2^{16} + 24 c_{19} T_1^{19} T_2^{16} + \\
 & 74 c_{31} T_1^{19} T_2^{16} + 24 c_{34} T_1^{19} T_2^{16} + 74 c_{46} T_1^{19} T_2^{16} + 24 c_{49} T_1^{19} T_2^{16} + 74 c_{61} T_1^{19} T_2^{16} + \\
 & 24 c_{64} T_1^{19} T_2^{16} + 74 c_{81} T_1^{19} T_2^{16} + 131 c_{82} T_1^{19} T_2^{16} + 42 c_{84} T_1^{19} T_2^{16} + 93 c_{85} T_1^{19} T_2^{16} -
 \end{aligned}$$

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$$\begin{aligned}
 & 808 a_2 b_3 T_1^{20} T_2^{16} + 1344 a_4 b_3 T_1^{20} T_2^{16} + 638 a_2 b_5 T_1^{20} T_2^{16} - 1179 a_4 b_5 T_1^{20} T_2^{16} - \\
 & 79 c_{16} T_1^{20} T_2^{16} - 24 c_{19} T_1^{20} T_2^{16} - 79 c_{31} T_1^{20} T_2^{16} - 24 c_{34} T_1^{20} T_2^{16} - 79 c_{46} T_1^{20} T_2^{16} - \\
 & 24 c_{49} T_1^{20} T_2^{16} - 79 c_{61} T_1^{20} T_2^{16} - 24 c_{64} T_1^{20} T_2^{16} - 82 c_{81} T_1^{20} T_2^{16} - 139 c_{82} T_1^{20} T_2^{16} - \\
 & 40 c_{84} T_1^{20} T_2^{16} - 96 c_{85} T_1^{20} T_2^{16} + 674 a_2 b_3 T_1^{21} T_2^{16} - 1135 a_4 b_3 T_1^{21} T_2^{16} - 533 a_2 b_5 T_1^{21} T_2^{16} + \\
 & 973 a_4 b_5 T_1^{21} T_2^{16} + 37 c_{16} T_1^{21} T_2^{16} + 12 c_{19} T_1^{21} T_2^{16} + 37 c_{31} T_1^{21} T_2^{16} + 12 c_{34} T_1^{21} T_2^{16} + \\
 & 37 c_{46} T_1^{21} T_2^{16} + 12 c_{49} T_1^{21} T_2^{16} + 37 c_{61} T_1^{21} T_2^{16} + 12 c_{64} T_1^{21} T_2^{16} + 78 c_{81} T_1^{21} T_2^{16} + \\
 & 151 c_{82} T_1^{21} T_2^{16} + 38 c_{84} T_1^{21} T_2^{16} + 97 c_{85} T_1^{21} T_2^{16} - 532 a_2 b_3 T_1^{22} T_2^{16} + 933 a_4 b_3 T_1^{22} T_2^{16} + \\
 & 399 a_2 b_5 T_1^{22} T_2^{16} - 787 a_4 b_5 T_1^{22} T_2^{16} - 38 c_{16} T_1^{22} T_2^{16} - 6 c_{19} T_1^{22} T_2^{16} - 38 c_{31} T_1^{22} T_2^{16} - \\
 & 6 c_{34} T_1^{22} T_2^{16} - 38 c_{46} T_1^{22} T_2^{16} - 6 c_{49} T_1^{22} T_2^{16} - 38 c_{61} T_1^{22} T_2^{16} - 6 c_{64} T_1^{22} T_2^{16} - 78 c_{81} T_1^{22} T_2^{16} - \\
 & 135 c_{82} T_1^{22} T_2^{16} - 40 c_{84} T_1^{22} T_2^{16} - 88 c_{85} T_1^{22} T_2^{16} + 387 a_2 b_3 T_1^{23} T_2^{16} - 700 a_4 b_3 T_1^{23} T_2^{16} - \\
 & 289 a_2 b_5 T_1^{23} T_2^{16} + 515 a_4 b_5 T_1^{23} T_2^{16} - 12 c_{16} T_1^{23} T_2^{16} - 12 c_{31} T_1^{23} T_2^{16} - 12 c_{46} T_1^{23} T_2^{16} - \\
 & 12 c_{61} T_1^{23} T_2^{16} + 66 c_{81} T_1^{23} T_2^{16} + 171 c_{82} T_1^{23} T_2^{16} + 26 c_{84} T_1^{23} T_2^{16} + 101 c_{85} T_1^{23} T_2^{16} - \\
 & 232 a_2 b_3 T_1^{24} T_2^{16} + 482 a_4 b_3 T_1^{24} T_2^{16} + 136 a_2 b_5 T_1^{24} T_2^{16} - 376 a_4 b_5 T_1^{24} T_2^{16} + 15 c_{16} T_1^{24} T_2^{16} + \\
 & 12 c_{19} T_1^{24} T_2^{16} + 15 c_{31} T_1^{24} T_2^{16} + 12 c_{34} T_1^{24} T_2^{16} + 15 c_{46} T_1^{24} T_2^{16} + 12 c_{49} T_1^{24} T_2^{16} + 15 c_{61} T_1^{24} T_2^{16} - \\
 & 12 c_{64} T_1^{24} T_2^{16} - 58 c_{81} T_1^{24} T_2^{16} - 131 c_{82} T_1^{24} T_2^{16} - 32 c_{84} T_1^{24} T_2^{16} - 80 c_{85} T_1^{24} T_2^{16} + \\
 & 72 a_2 b_3 T_1^{25} T_2^{16} - 200 a_4 b_3 T_1^{25} T_2^{16} - 73 c_{16} T_1^{25} T_2^{16} - 12 c_{19} T_1^{25} T_2^{16} - 73 c_{31} T_1^{25} T_2^{16} - \\
 & 12 c_{34} T_1^{25} T_2^{16} - 73 c_{46} T_1^{25} T_2^{16} - 12 c_{49} T_1^{25} T_2^{16} - 73 c_{61} T_1^{25} T_2^{16} - 12 c_{64} T_1^{25} T_2^{16} + \\
 & 32 c_{81} T_1^{25} T_2^{16} + 191 c_{82} T_1^{25} T_2^{16} + 105 c_{85} T_1^{25} T_2^{16} + 120 c_{16} T_1^{26} T_2^{16} + 28 c_{19} T_1^{26} T_2^{16} + \\
 & 120 c_{31} T_1^{26} T_2^{16} + 28 c_{34} T_1^{26} T_2^{16} + 120 c_{46} T_1^{26} T_2^{16} + 28 c_{49} T_1^{26} T_2^{16} + 120 c_{61} T_1^{26} T_2^{16} + \\
 & 28 c_{64} T_1^{26} T_2^{16} - 143 c_{82} T_1^{26} T_2^{16} - 72 c_{85} T_1^{26} T_2^{16} - a_2 b_3 T_1^{27} T_2^{16} + 2 a_4 b_3 T_1^{27} T_2^{16} + 3 a_2 b_5 T_1^{27} T_2^{16} - \\
 & 5 a_4 b_5 T_1^{27} T_2^{16} + 8 c_{19} T_1^{27} T_2^{16} + 8 c_{34} T_1^{27} T_2^{16} + 8 c_{49} T_1^{27} T_2^{16} + 8 c_{64} T_1^{27} T_2^{16} + 4 c_{81} T_1^{27} T_2^{16} + 8 c_{82} T_1^{27} T_2^{16} + 4 c_{84} T_1^{27} T_2^{16} - \\
 & 6 a_4 b_3 T_1^{17} T_2^{17} + 12 a_4 b_5 T_1 T_2^{17} - c_{16} T_1 T_2^{17} + 22 c_{19} T_1 T_2^{17} - c_{31} T_1 T_2^{17} + 22 c_{34} T_1 T_2^{17} - \\
 & c_{46} T_1 T_2^{17} + 22 c_{49} T_1 T_2^{17} - c_{61} T_1 T_2^{17} + 22 c_{64} T_1 T_2^{17} + 4 c_{81} T_1 T_2^{17} + 34 c_{82} T_1 T_2^{17} + \\
 & 8 c_{84} T_1 T_2^{17} + 15 c_{85} T_1 T_2^{17} + 6 a_4 b_3 T_1^2 T_2^{17} + 6 a_2 b_5 T_1^2 T_2^{17} - 10 a_4 b_5 T_1^2 T_2^{17} - 3 c_{16} T_1^2 T_2^{17} - \\
 & 28 c_{19} T_1^2 T_2^{17} - 3 c_{31} T_1^2 T_2^{17} - 28 c_{34} T_1^2 T_2^{17} - 3 c_{46} T_1^2 T_2^{17} - 28 c_{49} T_1^2 T_2^{17} - 3 c_{61} T_1^2 T_2^{17} - \\
 & 28 c_{64} T_1^2 T_2^{17} - 8 c_{81} T_1^2 T_2^{17} - 40 c_{82} T_1^2 T_2^{17} - 8 c_{85} T_1^2 T_2^{17} - 2 a_2 b_3 T_1^3 T_2^{17} - 14 a_4 b_3 T_1^3 T_2^{17} + \\
 & 36 a_4 b_5 T_1^3 T_2^{17} + 2 c_{16} T_1^3 T_2^{17} + 52 c_{19} T_1^3 T_2^{17} + 2 c_{31} T_1^3 T_2^{17} + 52 c_{34} T_1^3 T_2^{17} + 2 c_{46} T_1^3 T_2^{17} + \\
 & 52 c_{49} T_1^3 T_2^{17} + 2 c_{61} T_1^3 T_2^{17} + 52 c_{64} T_1^3 T_2^{17} + 24 c_{81} T_1^3 T_2^{17} + 58 c_{82} T_1^3 T_2^{17} + 24 c_{84} T_1^3 T_2^{17} + \\
 & 11 c_{85} T_1^3 T_2^{17} + 3 a_2 b_3 T_1^4 T_2^{17} + 12 a_4 b_3 T_1^4 T_2^{17} + 9 a_2 b_5 T_1^4 T_2^{17} - 15 a_4 b_5 T_1^4 T_2^{17} - \\
 & 10 c_{16} T_1^4 T_2^{17} - 64 c_{19} T_1^4 T_2^{17} - 10 c_{31} T_1^4 T_2^{17} - 64 c_{34} T_1^4 T_2^{17} - 10 c_{46} T_1^4 T_2^{17} - 64 c_{49} T_1^4 T_2^{17} - \\
 & 10 c_{61} T_1^4 T_2^{17} - 64 c_{64} T_1^4 T_2^{17} - 36 c_{81} T_1^4 T_2^{17} - 88 c_{82} T_1^4 T_2^{17} - 12 c_{84} T_1^4 T_2^{17} - 16 c_{85} T_1^4 T_2^{17} - \\
 & 6 a_2 b_3 T_1^5 T_2^{17} - 24 a_4 b_3 T_1^5 T_2^{17} + 72 a_4 b_5 T_1^5 T_2^{17} + 9 c_{16} T_1^5 T_2^{17} + 82 c_{19} T_1^5 T_2^{17} + 9 c_{31} T_1^5 T_2^{17} + \\
 & 82 c_{34} T_1^5 T_2^{17} + 9 c_{46} T_1^5 T_2^{17} + 82 c_{49} T_1^5 T_2^{17} + 9 c_{61} T_1^5 T_2^{17} + 82 c_{64} T_1^5 T_2^{17} + 60 c_{81} T_1^5 T_2^{17} + \\
 & 82 c_{82} T_1^5 T_2^{17} + 48 c_{84} T_1^5 T_2^{17} + 7 c_{85} T_1^5 T_2^{17} + 8 a_2 b_3 T_1^6 T_2^{17} + 20 a_4 b_3 T_1^6 T_2^{17} + 12 a_2 b_5 T_1^6 T_2^{17} - \\
 & 20 a_4 b_5 T_1^6 T_2^{17} - 21 c_{16} T_1^6 T_2^{17} - 100 c_{19} T_1^6 T_2^{17} - 21 c_{31} T_1^6 T_2^{17} - 100 c_{34} T_1^6 T_2^{17} - \\
 & 21 c_{46} T_1^6 T_2^{17} - 100 c_{49} T_1^6 T_2^{17} - 21 c_{61} T_1^6 T_2^{17} - 100 c_{64} T_1^6 T_2^{17} - 80 c_{81} T_1^6 T_2^{17} - 136 c_{82} T_1^6 T_2^{17} - \\
 & 32 c_{84} T_1^6 T_2^{17} - 24 c_{85} T_1^6 T_2^{17} - 12 a_2 b_3 T_1^7 T_2^{17} - 36 a_4 b_3 T_1^7 T_2^{17} + 132 a_4 b_5 T_1^7 T_2^{17} + \\
 & 20 c_{16} T_1^7 T_2^{17} + 112 c_{19} T_1^7 T_2^{17} + 20 c_{31} T_1^7 T_2^{17} + 112 c_{34} T_1^7 T_2^{17} + 20 c_{46} T_1^7 T_2^{17} + 112 c_{49} T_1^7 T_2^{17} + \\
 & 20 c_{61} T_1^7 T_2^{17} + 112 c_{64} T_1^7 T_2^{17} + 112 c_{81} T_1^7 T_2^{17} + 106 c_{82} T_1^7 T_2^{17} + 80 c_{84} T_1^7 T_2^{17} + 3 c_{85} T_1^7 T_2^{17} + \\
 & 80 a_2 b_3 T_1^8 T_2^{17} - 44 a_4 b_3 T_1^8 T_2^{17} - 124 a_2 b_5 T_1^8 T_2^{17} + 83 a_4 b_5 T_1^8 T_2^{17} - 36 c_{16} T_1^8 T_2^{17} - \\
 & 136 c_{19} T_1^8 T_2^{17} - 36 c_{31} T_1^8 T_2^{17} - 136 c_{34} T_1^8 T_2^{17} - 36 c_{46} T_1^8 T_2^{17} - 136 c_{49} T_1^8 T_2^{17} - \\
 & 36 c_{61} T_1^8 T_2^{17} - 136 c_{64} T_1^8 T_2^{17} - 336 c_{81} T_1^8 T_2^{17} - 184 c_{82} T_1^8 T_2^{17} - 256 c_{84} T_1^8 T_2^{17} - \\
 & 32 c_{85} T_1^8 T_2^{17} - 199 a_2 b_3 T_1^9 T_2^{17} + 298 a_4 b_3 T_1^9 T_2^{17} + 249 a_2 b_5 T_1^9 T_2^{17} - 319 a_4 b_5 T_1^9 T_2^{17} + \\
 & 36 c_{16} T_1^9 T_2^{17} + 124 c_{19} T_1^9 T_2^{17} + 36 c_{31} T_1^9 T_2^{17} + 124 c_{34} T_1^9 T_2^{17} + 36 c_{46} T_1^9 T_2^{17} + \\
 & 124 c_{49} T_1^9 T_2^{17} + 36 c_{61} T_1^9 T_2^{17} + 124 c_{64} T_1^9 T_2^{17} + 498 c_{81} T_1^9 T_2^{17} + 336 c_{82} T_1^9 T_2^{17} + \\
 & 242 c_{84} T_1^9 T_2^{17} + 80 c_{85} T_1^9 T_2^{17} + 314 a_2 b_3 T_1^{10} T_2^{17} - 551 a_4 b_3 T_1^{10} T_2^{17} - 367 a_2 b_5 T_1^{10} T_2^{17} + \\
 & 537 a_4 b_5 T_1^{10} T_2^{17} - 33 c_{16} T_1^{10} T_2^{17} - 72 c_{19} T_1^{10} T_2^{17} - 33 c_{31} T_1^{10} T_2^{17} - 72 c_{34} T_1^{10} T_2^{17} - \\
 & 33 c_{46} T_1^{10} T_2^{17} - 72 c_{49} T_1^{10} T_2^{17} - 33 c_{61} T_1^{10} T_2^{17} - 72 c_{64} T_1^{10} T_2^{17} - 474 c_{81} T_1^{10} T_2^{17} - \\
 & 252 c_{82} T_1^{10} T_2^{17} - 232 c_{84} T_1^{10} T_2^{17} - 34 c_{85} T_1^{10} T_2^{17} - 435 a_2 b_3 T_1^{11} T_2^{17} + 805 a_4 b_3 T_1^{11} T_2^{17} + \\
 & 506 a_2 b_5 T_1^{11} T_2^{17} - 772 a_4 b_5 T_1^{11} T_2^{17} + 26 c_{16} T_1^{11} T_2^{17} + 68 c_{19} T_1^{11} T_2^{17} + 26 c_{31} T_1^{11} T_2^{17} +
 \end{aligned}$$

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$$\begin{aligned}
 & 68 c_{34} T_1^{11} T_2^{17} + 26 c_{46} T_1^{11} T_2^{17} + 68 c_{49} T_1^{11} T_2^{17} + 26 c_{61} T_1^{11} T_2^{17} + 68 c_{64} T_1^{11} T_2^{17} + \\
 & 458 c_{81} T_1^{11} T_2^{17} + 240 c_{82} T_1^{11} T_2^{17} + 226 c_{84} T_1^{11} T_2^{17} + 32 c_{85} T_1^{11} T_2^{17} + 554 a_2 b_3 T_1^{12} T_2^{17} - \\
 & 1080 a_4 b_3 T_1^{12} T_2^{17} - 622 a_2 b_5 T_1^{12} T_2^{17} + 1037 a_4 b_5 T_1^{12} T_2^{17} - 15 c_{16} T_1^{12} T_2^{17} - 28 c_{19} T_1^{12} T_2^{17} - \\
 & 15 c_{31} T_1^{12} T_2^{17} - 28 c_{34} T_1^{12} T_2^{17} - 15 c_{46} T_1^{12} T_2^{17} - 28 c_{49} T_1^{12} T_2^{17} - 15 c_{61} T_1^{12} T_2^{17} - \\
 & 28 c_{64} T_1^{12} T_2^{17} - 418 c_{81} T_1^{12} T_2^{17} - 204 c_{82} T_1^{12} T_2^{17} - 192 c_{84} T_1^{12} T_2^{17} - 10 c_{85} T_1^{12} T_2^{17} - \\
 & 681 a_2 b_3 T_1^{13} T_2^{17} + 1342 a_4 b_3 T_1^{13} T_2^{17} + 779 a_2 b_5 T_1^{13} T_2^{17} - 1243 a_4 b_5 T_1^{13} T_2^{17} + 12 c_{19} T_1^{13} T_2^{17} + \\
 & 12 c_{34} T_1^{13} T_2^{17} + 12 c_{49} T_1^{13} T_2^{17} + 12 c_{64} T_1^{13} T_2^{17} + 386 c_{81} T_1^{13} T_2^{17} + 144 c_{82} T_1^{13} T_2^{17} + \\
 & 194 c_{84} T_1^{13} T_2^{17} - 16 c_{85} T_1^{13} T_2^{17} + 808 a_2 b_3 T_1^{14} T_2^{17} - 1647 a_4 b_3 T_1^{14} T_2^{17} - 897 a_2 b_5 T_1^{14} T_2^{17} + \\
 & 1599 a_4 b_5 T_1^{14} T_2^{17} + 19 c_{16} T_1^{14} T_2^{17} + 16 c_{19} T_1^{14} T_2^{17} + 19 c_{31} T_1^{14} T_2^{17} + 16 c_{34} T_1^{14} T_2^{17} + \\
 & 19 c_{46} T_1^{14} T_2^{17} + 16 c_{49} T_1^{14} T_2^{17} + 19 c_{61} T_1^{14} T_2^{17} + 16 c_{64} T_1^{14} T_2^{17} - 330 c_{81} T_1^{14} T_2^{17} - \\
 & 156 c_{82} T_1^{14} T_2^{17} - 136 c_{84} T_1^{14} T_2^{17} + 14 c_{85} T_1^{14} T_2^{17} - 945 a_2 b_3 T_1^{15} T_2^{17} + 1925 a_4 b_3 T_1^{15} T_2^{17} + \\
 & 1076 a_2 b_5 T_1^{15} T_2^{17} - 1748 a_4 b_5 T_1^{15} T_2^{17} - 42 c_{16} T_1^{15} T_2^{17} - 44 c_{19} T_1^{15} T_2^{17} - 42 c_{31} T_1^{15} T_2^{17} - \\
 & 44 c_{34} T_1^{15} T_2^{17} - 42 c_{46} T_1^{15} T_2^{17} - 44 c_{49} T_1^{15} T_2^{17} - 42 c_{61} T_1^{15} T_2^{17} - 44 c_{64} T_1^{15} T_2^{17} + \\
 & 282 c_{81} T_1^{15} T_2^{17} + 48 c_{82} T_1^{15} T_2^{17} + 146 c_{84} T_1^{15} T_2^{17} - 64 c_{85} T_1^{15} T_2^{17} + 1084 a_2 b_3 T_1^{16} T_2^{17} - \\
 & 2268 a_4 b_3 T_1^{16} T_2^{17} - 1200 a_2 b_5 T_1^{16} T_2^{17} + 2268 a_4 b_5 T_1^{16} T_2^{17} + 69 c_{16} T_1^{16} T_2^{17} + 60 c_{19} T_1^{16} T_2^{17} + \\
 & 69 c_{31} T_1^{16} T_2^{17} + 60 c_{34} T_1^{16} T_2^{17} + 69 c_{46} T_1^{16} T_2^{17} + 60 c_{49} T_1^{16} T_2^{17} + 69 c_{61} T_1^{16} T_2^{17} + \\
 & 60 c_{64} T_1^{16} T_2^{17} - 210 c_{81} T_1^{16} T_2^{17} - 108 c_{82} T_1^{16} T_2^{17} - 64 c_{84} T_1^{16} T_2^{17} + 38 c_{85} T_1^{16} T_2^{17} - \\
 & 1080 a_2 b_3 T_1^{17} T_2^{17} + 2396 a_4 b_3 T_1^{17} T_2^{17} + 1076 a_2 b_5 T_1^{17} T_2^{17} - 2053 a_4 b_5 T_1^{17} T_2^{17} - \\
 & 100 c_{16} T_1^{17} T_2^{17} - 100 c_{19} T_1^{17} T_2^{17} - 100 c_{31} T_1^{17} T_2^{17} - 100 c_{34} T_1^{17} T_2^{17} - 100 c_{46} T_1^{17} T_2^{17} - \\
 & 100 c_{49} T_1^{17} T_2^{17} - 100 c_{61} T_1^{17} T_2^{17} - 100 c_{64} T_1^{17} T_2^{17} - 48 c_{81} T_1^{17} T_2^{17} - 48 c_{82} T_1^{17} T_2^{17} - \\
 & 112 c_{84} T_1^{17} T_2^{17} - 112 c_{85} T_1^{17} T_2^{17} + 962 a_2 b_3 T_1^{18} T_2^{17} - 2144 a_4 b_3 T_1^{18} T_2^{17} - 954 a_2 b_5 T_1^{18} T_2^{17} + \\
 & 1822 a_4 b_5 T_1^{18} T_2^{17} + 124 c_{16} T_1^{18} T_2^{17} + 44 c_{19} T_1^{18} T_2^{17} + 124 c_{31} T_1^{18} T_2^{17} + 44 c_{34} T_1^{18} T_2^{17} + \\
 & 124 c_{46} T_1^{18} T_2^{17} + 44 c_{49} T_1^{18} T_2^{17} + 124 c_{61} T_1^{18} T_2^{17} + 44 c_{64} T_1^{18} T_2^{17} + 206 c_{81} T_1^{18} T_2^{17} + \\
 & 328 c_{82} T_1^{18} T_2^{17} + 94 c_{84} T_1^{18} T_2^{17} + 224 c_{85} T_1^{18} T_2^{17} - 846 a_2 b_3 T_1^{19} T_2^{17} + 1895 a_4 b_3 T_1^{19} T_2^{17} + \\
 & 833 a_2 b_5 T_1^{19} T_2^{17} - 1611 a_4 b_5 T_1^{19} T_2^{17} - 82 c_{16} T_1^{19} T_2^{17} - 22 c_{19} T_1^{19} T_2^{17} - 82 c_{31} T_1^{19} T_2^{17} - \\
 & 22 c_{34} T_1^{19} T_2^{17} - 82 c_{46} T_1^{19} T_2^{17} - 22 c_{49} T_1^{19} T_2^{17} - 82 c_{61} T_1^{19} T_2^{17} - 22 c_{64} T_1^{19} T_2^{17} - \\
 & 190 c_{81} T_1^{19} T_2^{17} - 286 c_{82} T_1^{19} T_2^{17} - 96 c_{84} T_1^{19} T_2^{17} - 193 c_{85} T_1^{19} T_2^{17} + 725 a_2 b_3 T_1^{20} T_2^{17} - \\
 & 1641 a_4 b_3 T_1^{20} T_2^{17} - 700 a_2 b_5 T_1^{20} T_2^{17} + 1374 a_4 b_5 T_1^{20} T_2^{17} + 77 c_{16} T_1^{20} T_2^{17} + 24 c_{19} T_1^{20} T_2^{17} + \\
 & 77 c_{31} T_1^{20} T_2^{17} + 24 c_{34} T_1^{20} T_2^{17} + 77 c_{46} T_1^{20} T_2^{17} + 24 c_{49} T_1^{20} T_2^{17} + 77 c_{61} T_1^{20} T_2^{17} + 24 c_{64} T_1^{20} T_2^{17} + \\
 & 178 c_{81} T_1^{20} T_2^{17} + 280 c_{82} T_1^{20} T_2^{17} + 82 c_{84} T_1^{20} T_2^{17} + 184 c_{85} T_1^{20} T_2^{17} - 604 a_2 b_3 T_1^{21} T_2^{17} + \\
 & 1374 a_4 b_3 T_1^{21} T_2^{17} + 578 a_2 b_5 T_1^{21} T_2^{17} - 1135 a_4 b_5 T_1^{21} T_2^{17} - 27 c_{16} T_1^{21} T_2^{17} - 8 c_{19} T_1^{21} T_2^{17} - \\
 & 27 c_{31} T_1^{21} T_2^{17} - 8 c_{34} T_1^{21} T_2^{17} - 27 c_{46} T_1^{21} T_2^{17} - 8 c_{49} T_1^{21} T_2^{17} - 27 c_{61} T_1^{21} T_2^{17} - 8 c_{64} T_1^{21} T_2^{17} - \\
 & 154 c_{81} T_1^{21} T_2^{17} - 262 c_{82} T_1^{21} T_2^{17} - 72 c_{84} T_1^{21} T_2^{17} - 165 c_{85} T_1^{21} T_2^{17} + 476 a_2 b_3 T_1^{22} T_2^{17} - \\
 & 1110 a_4 b_3 T_1^{22} T_2^{17} - 430 a_2 b_5 T_1^{22} T_2^{17} + 908 a_4 b_5 T_1^{22} T_2^{17} + 18 c_{16} T_1^{22} T_2^{17} + 4 c_{19} T_1^{22} T_2^{17} + \\
 & 18 c_{31} T_1^{22} T_2^{17} + 4 c_{34} T_1^{22} T_2^{17} + 18 c_{46} T_1^{22} T_2^{17} + 4 c_{49} T_1^{22} T_2^{17} + 18 c_{61} T_1^{22} T_2^{17} + 4 c_{64} T_1^{22} T_2^{17} + \\
 & 134 c_{81} T_1^{22} T_2^{17} + 232 c_{82} T_1^{22} T_2^{17} + 62 c_{84} T_1^{22} T_2^{17} + 144 c_{85} T_1^{22} T_2^{17} - 346 a_2 b_3 T_1^{23} T_2^{17} + \\
 & 817 a_4 b_3 T_1^{23} T_2^{17} + 303 a_2 b_5 T_1^{23} T_2^{17} - 609 a_4 b_5 T_1^{23} T_2^{17} + 40 c_{16} T_1^{23} T_2^{17} + 6 c_{19} T_1^{23} T_2^{17} + \\
 & 40 c_{31} T_1^{23} T_2^{17} + 6 c_{34} T_1^{23} T_2^{17} + 40 c_{46} T_1^{23} T_2^{17} + 6 c_{49} T_1^{23} T_2^{17} + 40 c_{61} T_1^{23} T_2^{17} + 6 c_{64} T_1^{23} T_2^{17} - \\
 & 102 c_{81} T_1^{23} T_2^{17} - 238 c_{82} T_1^{23} T_2^{17} - 40 c_{84} T_1^{23} T_2^{17} - 137 c_{85} T_1^{23} T_2^{17} + 207 a_2 b_3 T_1^{24} T_2^{17} - \\
 & 535 a_4 b_3 T_1^{24} T_2^{17} - 136 a_2 b_5 T_1^{24} T_2^{17} + 408 a_4 b_5 T_1^{24} T_2^{17} - 53 c_{16} T_1^{24} T_2^{17} - 16 c_{19} T_1^{24} T_2^{17} - \\
 & 53 c_{31} T_1^{24} T_2^{17} - 16 c_{34} T_1^{24} T_2^{17} - 53 c_{46} T_1^{24} T_2^{17} - 16 c_{49} T_1^{24} T_2^{17} - 53 c_{61} T_1^{24} T_2^{17} - \\
 & 16 c_{64} T_1^{24} T_2^{17} + 74 c_{81} T_1^{24} T_2^{17} + 184 c_{82} T_1^{24} T_2^{17} + 34 c_{84} T_1^{24} T_2^{17} + 104 c_{85} T_1^{24} T_2^{17} - \\
 & 64 a_2 b_3 T_1^{25} T_2^{17} + 208 a_4 b_3 T_1^{25} T_2^{17} + 119 c_{16} T_1^{25} T_2^{17} + 20 c_{19} T_1^{25} T_2^{17} + 119 c_{31} T_1^{25} T_2^{17} + \\
 & 20 c_{34} T_1^{25} T_2^{17} + 119 c_{46} T_1^{25} T_2^{17} + 20 c_{49} T_1^{25} T_2^{17} + 119 c_{61} T_1^{25} T_2^{17} + 20 c_{64} T_1^{25} T_2^{17} - \\
 & 34 c_{81} T_1^{25} T_2^{17} - 214 c_{82} T_1^{25} T_2^{17} - 109 c_{85} T_1^{25} T_2^{17} - 136 c_{16} T_1^{26} T_2^{17} - 36 c_{19} T_1^{26} T_2^{17} - \\
 & 136 c_{31} T_1^{26} T_2^{17} - 36 c_{34} T_1^{26} T_2^{17} - 136 c_{46} T_1^{26} T_2^{17} - 36 c_{49} T_1^{26} T_2^{17} - 136 c_{61} T_1^{26} T_2^{17} - \\
 & 36 c_{64} T_1^{26} T_2^{17} + 136 c_{82} T_1^{26} T_2^{17} + 64 c_{85} T_1^{26} T_2^{17} - a_4 b_3 T_1^{18} - a_2 b_5 T_1^{18} + 3 a_4 b_5 T_1^{18} - \\
 & c_{81} T_1^{18} - c_{84} T_1^{18} + 2 a_2 b_3 T_1 T_2^{18} + a_4 b_3 T_1 T_2^{18} - 3 a_2 b_5 T_1 T_2^{18} - 4 a_4 b_5 T_1 T_2^{18} - \\
 & 16 c_{19} T_1 T_2^{18} - 16 c_{34} T_1 T_2^{18} - 16 c_{49} T_1 T_2^{18} - 16 c_{64} T_1 T_2^{18} - 7 c_{81} T_1 T_2^{18} - 15 c_{82} T_1 T_2^{18} - \\
 & 8 c_{84} T_1 T_2^{18} - 2 a_2 b_3 T_1^2 T_2^{18} + 3 a_4 b_3 T_1^2 T_2^{18} - a_2 b_5 T_1^2 T_2^{18} - a_4 b_5 T_1^2 T_2^{18} + 2 c_{16} T_1^2 T_2^{18} +
 \end{aligned}$$

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$$\begin{aligned}
 & 2 c_{19} T_1^2 T_2^{18} + 2 c_{31} T_1^2 T_2^{18} + 2 c_{34} T_1^2 T_2^{18} + 2 c_{46} T_1^2 T_2^{18} + 2 c_{49} T_1^2 T_2^{18} + 2 c_{61} T_1^2 T_2^{18} + \\
 & 2 c_{64} T_1^2 T_2^{18} + 7 c_{81} T_1^2 T_2^{18} - 5 c_{82} T_1^2 T_2^{18} - c_{84} T_1^2 T_2^{18} - 13 c_{85} T_1^2 T_2^{18} + 3 a_2 b_3 T_1^3 T_2^{18} - \\
 & a_4 b_3 T_1^3 T_2^{18} - 6 a_2 b_5 T_1^3 T_2^{18} - 14 a_4 b_5 T_1^3 T_2^{18} - 12 c_{19} T_1^3 T_2^{18} - 12 c_{34} T_1^3 T_2^{18} - 12 c_{49} T_1^3 T_2^{18} - \\
 & 12 c_{64} T_1^3 T_2^{18} - 15 c_{81} T_1^3 T_2^{18} - 3 c_{82} T_1^3 T_2^{18} - 16 c_{84} T_1^3 T_2^{18} + 8 c_{85} T_1^3 T_2^{18} - 2 a_2 b_3 T_1^4 T_2^{18} + \\
 & 9 a_4 b_3 T_1^4 T_2^{18} - a_2 b_5 T_1^4 T_2^{18} - 11 a_4 b_5 T_1^4 T_2^{18} + 4 c_{16} T_1^4 T_2^{18} + 4 c_{19} T_1^4 T_2^{18} + 4 c_{31} T_1^4 T_2^{18} + \\
 & 4 c_{34} T_1^4 T_2^{18} + 4 c_{46} T_1^4 T_2^{18} + 4 c_{49} T_1^4 T_2^{18} + 4 c_{61} T_1^4 T_2^{18} + 4 c_{64} T_1^4 T_2^{18} + 15 c_{81} T_1^4 T_2^{18} + \\
 & 7 c_{82} T_1^4 T_2^{18} - c_{84} T_1^4 T_2^{18} - 9 c_{85} T_1^4 T_2^{18} + 2 a_2 b_3 T_1^5 T_2^{18} - 5 a_4 b_3 T_1^5 T_2^{18} - 9 a_2 b_5 T_1^5 T_2^{18} - \\
 & 30 a_4 b_5 T_1^5 T_2^{18} - 8 c_{19} T_1^5 T_2^{18} - 8 c_{34} T_1^5 T_2^{18} - 8 c_{49} T_1^5 T_2^{18} - 8 c_{64} T_1^5 T_2^{18} - 23 c_{81} T_1^5 T_2^{18} + \\
 & 9 c_{82} T_1^5 T_2^{18} - 24 c_{84} T_1^5 T_2^{18} + 16 c_{85} T_1^5 T_2^{18} + 17 a_4 b_3 T_1^6 T_2^{18} - a_2 b_5 T_1^6 T_2^{18} - 27 a_4 b_5 T_1^6 T_2^{18} + \\
 & 6 c_{16} T_1^6 T_2^{18} + 6 c_{19} T_1^6 T_2^{18} + 6 c_{31} T_1^6 T_2^{18} + 6 c_{34} T_1^6 T_2^{18} + 6 c_{46} T_1^6 T_2^{18} + 6 c_{49} T_1^6 T_2^{18} + \\
 & 6 c_{61} T_1^6 T_2^{18} + 6 c_{64} T_1^6 T_2^{18} + 23 c_{81} T_1^6 T_2^{18} + 19 c_{82} T_1^6 T_2^{18} - c_{84} T_1^6 T_2^{18} - 5 c_{85} T_1^6 T_2^{18} - \\
 & a_2 b_3 T_1^7 T_2^{18} - 11 a_4 b_3 T_1^7 T_2^{18} - 12 a_2 b_5 T_1^7 T_2^{18} - 52 a_4 b_5 T_1^7 T_2^{18} - 4 c_{19} T_1^7 T_2^{18} - \\
 & 4 c_{34} T_1^7 T_2^{18} - 4 c_{49} T_1^7 T_2^{18} - 4 c_{64} T_1^7 T_2^{18} - 31 c_{81} T_1^7 T_2^{18} + 21 c_{82} T_1^7 T_2^{18} - 32 c_{84} T_1^7 T_2^{18} + \\
 & 24 c_{85} T_1^7 T_2^{18} - 56 a_2 b_3 T_1^8 T_2^{18} + 92 a_4 b_3 T_1^8 T_2^{18} + 124 a_2 b_5 T_1^8 T_2^{18} - 188 a_4 b_5 T_1^8 T_2^{18} + \\
 & 8 c_{16} T_1^8 T_2^{18} + 8 c_{19} T_1^8 T_2^{18} + 8 c_{31} T_1^8 T_2^{18} + 8 c_{34} T_1^8 T_2^{18} + 8 c_{46} T_1^8 T_2^{18} + 8 c_{49} T_1^8 T_2^{18} + \\
 & 8 c_{61} T_1^8 T_2^{18} + 8 c_{64} T_1^8 T_2^{18} + 184 c_{81} T_1^8 T_2^{18} + 31 c_{82} T_1^8 T_2^{18} + 152 c_{84} T_1^8 T_2^{18} - c_{85} T_1^8 T_2^{18} + \\
 & 160 a_2 b_3 T_1^9 T_2^{18} - 323 a_4 b_3 T_1^9 T_2^{18} - 235 a_2 b_5 T_1^9 T_2^{18} + 433 a_4 b_5 T_1^9 T_2^{18} + 44 c_{19} T_1^9 T_2^{18} + \\
 & 44 c_{34} T_1^9 T_2^{18} + 44 c_{49} T_1^9 T_2^{18} + 44 c_{64} T_1^9 T_2^{18} - 257 c_{81} T_1^9 T_2^{18} - 112 c_{82} T_1^9 T_2^{18} - \\
 & 105 c_{84} T_1^9 T_2^{18} - 32 c_{85} T_1^9 T_2^{18} - 263 a_2 b_3 T_1^{10} T_2^{18} + 549 a_4 b_3 T_1^{10} T_2^{18} + 342 a_2 b_5 T_1^{10} T_2^{18} - \\
 & 667 a_4 b_5 T_1^{10} T_2^{18} - 9 c_{16} T_1^{10} T_2^{18} - 84 c_{19} T_1^{10} T_2^{18} - 9 c_{31} T_1^{10} T_2^{18} - 84 c_{34} T_1^{10} T_2^{18} - \\
 & 9 c_{46} T_1^{10} T_2^{18} - 84 c_{49} T_1^{10} T_2^{18} - 9 c_{61} T_1^{10} T_2^{18} - 84 c_{64} T_1^{10} T_2^{18} + 181 c_{81} T_1^{10} T_2^{18} + 50 c_{82} T_1^{10} T_2^{18} + \\
 & 76 c_{84} T_1^{10} T_2^{18} + 16 c_{85} T_1^{10} T_2^{18} + 372 a_2 b_3 T_1^{11} T_2^{18} - 777 a_4 b_3 T_1^{11} T_2^{18} - 465 a_2 b_5 T_1^{11} T_2^{18} + \\
 & 915 a_4 b_5 T_1^{11} T_2^{18} + 17 c_{16} T_1^{11} T_2^{18} + 64 c_{19} T_1^{11} T_2^{18} + 17 c_{31} T_1^{11} T_2^{18} + 64 c_{34} T_1^{11} T_2^{18} + \\
 & 17 c_{46} T_1^{11} T_2^{18} + 64 c_{49} T_1^{11} T_2^{18} + 17 c_{61} T_1^{11} T_2^{18} + 64 c_{64} T_1^{11} T_2^{18} - 125 c_{81} T_1^{11} T_2^{18} - \\
 & 58 c_{82} T_1^{11} T_2^{18} - 49 c_{84} T_1^{11} T_2^{18} - 26 c_{85} T_1^{11} T_2^{18} - 479 a_2 b_3 T_1^{12} T_2^{18} + 1019 a_4 b_3 T_1^{12} T_2^{18} + \\
 & 568 a_2 b_5 T_1^{12} T_2^{18} - 1184 a_4 b_5 T_1^{12} T_2^{18} - 24 c_{16} T_1^{12} T_2^{18} - 92 c_{19} T_1^{12} T_2^{18} - 24 c_{31} T_1^{12} T_2^{18} - \\
 & 92 c_{34} T_1^{12} T_2^{18} - 24 c_{46} T_1^{12} T_2^{18} - 92 c_{49} T_1^{12} T_2^{18} - 24 c_{61} T_1^{12} T_2^{18} - 92 c_{64} T_1^{12} T_2^{18} + \\
 & 57 c_{81} T_1^{12} T_2^{18} + 10 c_{82} T_1^{12} T_2^{18} + 8 c_{84} T_1^{12} T_2^{18} + 594 a_2 b_3 T_1^{13} T_2^{18} - 1249 a_4 b_3 T_1^{13} T_2^{18} - \\
 & 707 a_2 b_5 T_1^{13} T_2^{18} + 1407 a_4 b_5 T_1^{13} T_2^{18} + 30 c_{16} T_1^{13} T_2^{18} + 84 c_{19} T_1^{13} T_2^{18} + 30 c_{31} T_1^{13} T_2^{18} + \\
 & 84 c_{34} T_1^{13} T_2^{18} + 30 c_{46} T_1^{13} T_2^{18} + 84 c_{49} T_1^{13} T_2^{18} + 30 c_{61} T_1^{13} T_2^{18} + 84 c_{64} T_1^{13} T_2^{18} - 9 c_{81} T_1^{13} T_2^{18} + \\
 & 30 c_{82} T_1^{13} T_2^{18} - c_{84} T_1^{13} T_2^{18} + 14 c_{85} T_1^{13} T_2^{18} - 709 a_2 b_3 T_1^{14} T_2^{18} + 1515 a_4 b_3 T_1^{14} T_2^{18} + \\
 & 810 a_2 b_5 T_1^{14} T_2^{18} - 1755 a_4 b_5 T_1^{14} T_2^{18} - 35 c_{16} T_1^{14} T_2^{18} - 100 c_{19} T_1^{14} T_2^{18} - 35 c_{31} T_1^{14} T_2^{18} - \\
 & 100 c_{34} T_1^{14} T_2^{18} - 35 c_{46} T_1^{14} T_2^{18} - 100 c_{49} T_1^{14} T_2^{18} - 35 c_{61} T_1^{14} T_2^{18} - 100 c_{64} T_1^{14} T_2^{18} - \\
 & 51 c_{81} T_1^{14} T_2^{18} - 30 c_{82} T_1^{14} T_2^{18} - 52 c_{84} T_1^{14} T_2^{18} - 16 c_{85} T_1^{14} T_2^{18} + 834 a_2 b_3 T_1^{15} T_2^{18} - \\
 & 1755 a_4 b_3 T_1^{15} T_2^{18} - 969 a_2 b_5 T_1^{15} T_2^{18} + 1925 a_4 b_5 T_1^{15} T_2^{18} + 39 c_{16} T_1^{15} T_2^{18} + 104 c_{19} T_1^{15} T_2^{18} + \\
 & 39 c_{31} T_1^{15} T_2^{18} + 104 c_{34} T_1^{15} T_2^{18} + 39 c_{46} T_1^{15} T_2^{18} + 104 c_{49} T_1^{15} T_2^{18} + 39 c_{61} T_1^{15} T_2^{18} + \\
 & 104 c_{64} T_1^{15} T_2^{18} + 91 c_{81} T_1^{15} T_2^{18} + 118 c_{82} T_1^{15} T_2^{18} + 39 c_{84} T_1^{15} T_2^{18} + 54 c_{85} T_1^{15} T_2^{18} - \\
 & 961 a_2 b_3 T_1^{16} T_2^{18} + 2053 a_4 b_3 T_1^{16} T_2^{18} + 1076 a_2 b_5 T_1^{16} T_2^{18} - 2396 a_4 b_5 T_1^{16} T_2^{18} - \\
 & 42 c_{16} T_1^{16} T_2^{18} - 108 c_{19} T_1^{16} T_2^{18} - 42 c_{31} T_1^{16} T_2^{18} - 108 c_{34} T_1^{16} T_2^{18} - 42 c_{46} T_1^{16} T_2^{18} - \\
 & 108 c_{49} T_1^{16} T_2^{18} - 42 c_{61} T_1^{16} T_2^{18} - 108 c_{64} T_1^{16} T_2^{18} - 143 c_{81} T_1^{16} T_2^{18} - 70 c_{82} T_1^{16} T_2^{18} - \\
 & 104 c_{84} T_1^{16} T_2^{18} - 32 c_{85} T_1^{16} T_2^{18} + 960 a_2 b_3 T_1^{17} T_2^{18} - 2156 a_4 b_3 T_1^{17} T_2^{18} - 964 a_2 b_5 T_1^{17} T_2^{18} + \\
 & 2156 a_4 b_5 T_1^{17} T_2^{18} + 44 c_{16} T_1^{17} T_2^{18} + 124 c_{19} T_1^{17} T_2^{18} + 44 c_{31} T_1^{17} T_2^{18} + 124 c_{34} T_1^{17} T_2^{18} + \\
 & 44 c_{46} T_1^{17} T_2^{18} + 124 c_{49} T_1^{17} T_2^{18} + 44 c_{61} T_1^{17} T_2^{18} + 124 c_{64} T_1^{17} T_2^{18} + 328 c_{81} T_1^{17} T_2^{18} + \\
 & 206 c_{82} T_1^{17} T_2^{18} + 224 c_{84} T_1^{17} T_2^{18} + 94 c_{85} T_1^{17} T_2^{18} - 856 a_2 b_3 T_1^{18} T_2^{18} + 1926 a_4 b_3 T_1^{18} T_2^{18} + \\
 & 854 a_2 b_5 T_1^{18} T_2^{18} - 1914 a_4 b_5 T_1^{18} T_2^{18} - 28 c_{16} T_1^{18} T_2^{18} - 28 c_{19} T_1^{18} T_2^{18} - 28 c_{31} T_1^{18} T_2^{18} - \\
 & 28 c_{34} T_1^{18} T_2^{18} - 28 c_{46} T_1^{18} T_2^{18} - 28 c_{49} T_1^{18} T_2^{18} - 28 c_{61} T_1^{18} T_2^{18} - 28 c_{64} T_1^{18} T_2^{18} - \\
 & 400 c_{81} T_1^{18} T_2^{18} - 400 c_{82} T_1^{18} T_2^{18} - 176 c_{84} T_1^{18} T_2^{18} - 176 c_{85} T_1^{18} T_2^{18} + 751 a_2 b_3 T_1^{19} T_2^{18} - \\
 & 1700 a_4 b_3 T_1^{19} T_2^{18} - 743 a_2 b_5 T_1^{19} T_2^{18} + 1681 a_4 b_5 T_1^{19} T_2^{18} - 22 c_{16} T_1^{19} T_2^{18} + 4 c_{19} T_1^{19} T_2^{18} - \\
 & 22 c_{31} T_1^{19} T_2^{18} + 4 c_{34} T_1^{19} T_2^{18} - 22 c_{46} T_1^{19} T_2^{18} + 4 c_{49} T_1^{19} T_2^{18} - 22 c_{61} T_1^{19} T_2^{18} + 4 c_{64} T_1^{19} T_2^{18} + \\
 & 332 c_{81} T_1^{19} T_2^{18} + 353 c_{82} T_1^{19} T_2^{18} + 156 c_{84} T_1^{19} T_2^{18} + 160 c_{85} T_1^{19} T_2^{18} - 642 a_2 b_3 T_1^{20} T_2^{18} +
 \end{aligned}$$

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$$\begin{aligned}
 &1468 a_4 b_3 T_1^{20} T_2^{18} + 624 a_2 b_5 T_1^{20} T_2^{18} - 1428 a_4 b_5 T_1^{20} T_2^{18} + 31 c_{16} T_1^{20} T_2^{18} - 10 c_{19} T_1^{20} T_2^{18} + \\
 &31 c_{31} T_1^{20} T_2^{18} - 10 c_{34} T_1^{20} T_2^{18} + 31 c_{46} T_1^{20} T_2^{18} - 10 c_{49} T_1^{20} T_2^{18} + 31 c_{61} T_1^{20} T_2^{18} - \\
 &10 c_{64} T_1^{20} T_2^{18} - 276 c_{81} T_1^{20} T_2^{18} - 341 c_{82} T_1^{20} T_2^{18} - 120 c_{84} T_1^{20} T_2^{18} - 157 c_{85} T_1^{20} T_2^{18} + \\
 &534 a_2 b_3 T_1^{21} T_2^{18} - 1228 a_4 b_3 T_1^{21} T_2^{18} - 514 a_2 b_5 T_1^{21} T_2^{18} + 1174 a_4 b_5 T_1^{21} T_2^{18} - \\
 &77 c_{16} T_1^{21} T_2^{18} - 8 c_{19} T_1^{21} T_2^{18} - 77 c_{31} T_1^{21} T_2^{18} - 8 c_{34} T_1^{21} T_2^{18} - 77 c_{46} T_1^{21} T_2^{18} - 8 c_{49} T_1^{21} T_2^{18} - \\
 &77 c_{61} T_1^{21} T_2^{18} - 8 c_{64} T_1^{21} T_2^{18} + 216 c_{81} T_1^{21} T_2^{18} + 301 c_{82} T_1^{21} T_2^{18} + 96 c_{84} T_1^{21} T_2^{18} + \\
 &136 c_{85} T_1^{21} T_2^{18} - 420 a_2 b_3 T_1^{22} T_2^{18} + 990 a_4 b_3 T_1^{22} T_2^{18} + 382 a_2 b_5 T_1^{22} T_2^{18} - 926 a_4 b_5 T_1^{22} T_2^{18} + \\
 &78 c_{16} T_1^{22} T_2^{18} + 8 c_{19} T_1^{22} T_2^{18} + 78 c_{31} T_1^{22} T_2^{18} + 8 c_{34} T_1^{22} T_2^{18} + 78 c_{46} T_1^{22} T_2^{18} + 8 c_{49} T_1^{22} T_2^{18} + \\
 &78 c_{61} T_1^{22} T_2^{18} + 8 c_{64} T_1^{22} T_2^{18} - 168 c_{81} T_1^{22} T_2^{18} - 265 c_{82} T_1^{22} T_2^{18} - 72 c_{84} T_1^{22} T_2^{18} - \\
 &121 c_{85} T_1^{22} T_2^{18} + 305 a_2 b_3 T_1^{23} T_2^{18} - 728 a_4 b_3 T_1^{23} T_2^{18} - 269 a_2 b_5 T_1^{23} T_2^{18} + 619 a_4 b_5 T_1^{23} T_2^{18} - \\
 &120 c_{16} T_1^{23} T_2^{18} - 20 c_{19} T_1^{23} T_2^{18} - 120 c_{31} T_1^{23} T_2^{18} - 20 c_{34} T_1^{23} T_2^{18} - 120 c_{46} T_1^{23} T_2^{18} - \\
 &20 c_{49} T_1^{23} T_2^{18} - 120 c_{61} T_1^{23} T_2^{18} - 20 c_{64} T_1^{23} T_2^{18} + 116 c_{81} T_1^{23} T_2^{18} + 249 c_{82} T_1^{23} T_2^{18} + \\
 &44 c_{84} T_1^{23} T_2^{18} + 112 c_{85} T_1^{23} T_2^{18} - 182 a_2 b_3 T_1^{24} T_2^{18} + 476 a_4 b_3 T_1^{24} T_2^{18} + 120 a_2 b_5 T_1^{24} T_2^{18} - \\
 &392 a_4 b_5 T_1^{24} T_2^{18} + 113 c_{16} T_1^{24} T_2^{18} + 26 c_{19} T_1^{24} T_2^{18} + 113 c_{31} T_1^{24} T_2^{18} + 26 c_{34} T_1^{24} T_2^{18} + \\
 &113 c_{46} T_1^{24} T_2^{18} + 26 c_{49} T_1^{24} T_2^{18} + 113 c_{61} T_1^{24} T_2^{18} + 26 c_{64} T_1^{24} T_2^{18} - 76 c_{81} T_1^{24} T_2^{18} - \\
 &189 c_{82} T_1^{24} T_2^{18} - 32 c_{84} T_1^{24} T_2^{18} - 85 c_{85} T_1^{24} T_2^{18} + 56 a_2 b_3 T_1^{25} T_2^{18} - 184 a_4 b_3 T_1^{25} T_2^{18} - \\
 &151 c_{16} T_1^{25} T_2^{18} - 32 c_{19} T_1^{25} T_2^{18} - 151 c_{31} T_1^{25} T_2^{18} - 32 c_{34} T_1^{25} T_2^{18} - 151 c_{46} T_1^{25} T_2^{18} - \\
 &32 c_{49} T_1^{25} T_2^{18} - 151 c_{61} T_1^{25} T_2^{18} - 32 c_{64} T_1^{25} T_2^{18} + 32 c_{81} T_1^{25} T_2^{18} + 197 c_{82} T_1^{25} T_2^{18} + \\
 &88 c_{85} T_1^{25} T_2^{18} + 136 c_{16} T_1^{26} T_2^{18} + 44 c_{19} T_1^{26} T_2^{18} + 136 c_{31} T_1^{26} T_2^{18} + 44 c_{34} T_1^{26} T_2^{18} + \\
 &136 c_{46} T_1^{26} T_2^{18} + 44 c_{49} T_1^{26} T_2^{18} + 136 c_{61} T_1^{26} T_2^{18} + 44 c_{64} T_1^{26} T_2^{18} - 113 c_{82} T_1^{26} T_2^{18} - \\
 &49 c_{85} T_1^{26} T_2^{18} - a_4 b_5 T_1^{19} + 2 a_4 b_3 T_1 T_2^{19} + 2 a_2 b_5 T_1 T_2^{19} - 2 a_4 b_5 T_1 T_2^{19} + 3 c_{81} T_1 T_2^{19} + \\
 &3 c_{84} T_1 T_2^{19} - 3 a_2 b_3 T_1^2 T_2^{19} - 4 a_4 b_3 T_1^2 T_2^{19} + 3 a_2 b_5 T_1^2 T_2^{19} + 5 a_4 b_5 T_1^2 T_2^{19} + 16 c_{19} T_1^2 T_2^{19} + \\
 &16 c_{34} T_1^2 T_2^{19} + 16 c_{49} T_1^2 T_2^{19} + 16 c_{64} T_1^2 T_2^{19} + 5 c_{81} T_1^2 T_2^{19} + 13 c_{82} T_1^2 T_2^{19} + 8 c_{84} T_1^2 T_2^{19} + \\
 &4 a_2 b_3 T_1^3 T_2^{19} + 2 a_2 b_5 T_1^3 T_2^{19} + 4 a_4 b_5 T_1^3 T_2^{19} - 2 c_{16} T_1^3 T_2^{19} - 2 c_{19} T_1^3 T_2^{19} - 2 c_{31} T_1^3 T_2^{19} - \\
 &2 c_{34} T_1^3 T_2^{19} - 2 c_{46} T_1^3 T_2^{19} - 2 c_{49} T_1^3 T_2^{19} - 2 c_{61} T_1^3 T_2^{19} - 2 c_{64} T_1^3 T_2^{19} - 5 c_{81} T_1^3 T_2^{19} + \\
 &3 c_{82} T_1^3 T_2^{19} + 3 c_{84} T_1^3 T_2^{19} + 11 c_{85} T_1^3 T_2^{19} - 6 a_2 b_3 T_1^4 T_2^{19} - 4 a_4 b_3 T_1^4 T_2^{19} + 6 a_2 b_5 T_1^4 T_2^{19} + \\
 &17 a_4 b_5 T_1^4 T_2^{19} + 12 c_{19} T_1^4 T_2^{19} + 12 c_{34} T_1^4 T_2^{19} + 12 c_{49} T_1^4 T_2^{19} + 12 c_{64} T_1^4 T_2^{19} + 13 c_{81} T_1^4 T_2^{19} + \\
 &c_{82} T_1^4 T_2^{19} + 16 c_{84} T_1^4 T_2^{19} - 8 c_{85} T_1^4 T_2^{19} + 6 a_2 b_3 T_1^5 T_2^{19} - 4 a_4 b_3 T_1^5 T_2^{19} + 2 a_2 b_5 T_1^5 T_2^{19} + \\
 &16 a_4 b_5 T_1^5 T_2^{19} - 4 c_{16} T_1^5 T_2^{19} - 4 c_{19} T_1^5 T_2^{19} - 4 c_{31} T_1^5 T_2^{19} - 4 c_{34} T_1^5 T_2^{19} - 4 c_{46} T_1^5 T_2^{19} - \\
 &4 c_{49} T_1^5 T_2^{19} - 4 c_{61} T_1^5 T_2^{19} - 4 c_{64} T_1^5 T_2^{19} - 13 c_{81} T_1^5 T_2^{19} - 9 c_{82} T_1^5 T_2^{19} + 3 c_{84} T_1^5 T_2^{19} + \\
 &7 c_{85} T_1^5 T_2^{19} - 7 a_2 b_3 T_1^6 T_2^{19} - 2 a_4 b_3 T_1^6 T_2^{19} + 9 a_2 b_5 T_1^6 T_2^{19} + 35 a_4 b_5 T_1^6 T_2^{19} + 8 c_{19} T_1^6 T_2^{19} + \\
 &8 c_{34} T_1^6 T_2^{19} + 8 c_{49} T_1^6 T_2^{19} + 8 c_{64} T_1^6 T_2^{19} + 21 c_{81} T_1^6 T_2^{19} - 11 c_{82} T_1^6 T_2^{19} + 24 c_{84} T_1^6 T_2^{19} - \\
 &16 c_{85} T_1^6 T_2^{19} + 6 a_2 b_3 T_1^7 T_2^{19} - 10 a_4 b_3 T_1^7 T_2^{19} + 2 a_2 b_5 T_1^7 T_2^{19} + 34 a_4 b_5 T_1^7 T_2^{19} - \\
 &6 c_{16} T_1^7 T_2^{19} - 6 c_{19} T_1^7 T_2^{19} - 6 c_{31} T_1^7 T_2^{19} - 6 c_{34} T_1^7 T_2^{19} - 6 c_{46} T_1^7 T_2^{19} - 6 c_{49} T_1^7 T_2^{19} - \\
 &6 c_{61} T_1^7 T_2^{19} - 6 c_{64} T_1^7 T_2^{19} - 21 c_{81} T_1^7 T_2^{19} - 21 c_{82} T_1^7 T_2^{19} + 3 c_{84} T_1^7 T_2^{19} + 3 c_{85} T_1^7 T_2^{19} + \\
 &48 a_2 b_3 T_1^8 T_2^{19} - 58 a_4 b_3 T_1^8 T_2^{19} - 102 a_2 b_5 T_1^8 T_2^{19} + 184 a_4 b_5 T_1^8 T_2^{19} + 4 c_{19} T_1^8 T_2^{19} + \\
 &4 c_{34} T_1^8 T_2^{19} + 4 c_{49} T_1^8 T_2^{19} + 4 c_{64} T_1^8 T_2^{19} - 106 c_{81} T_1^8 T_2^{19} - 23 c_{82} T_1^8 T_2^{19} - 103 c_{84} T_1^8 T_2^{19} - \\
 &24 c_{85} T_1^8 T_2^{19} - 144 a_2 b_3 T_1^9 T_2^{19} + 262 a_4 b_3 T_1^9 T_2^{19} + 202 a_2 b_5 T_1^9 T_2^{19} - 401 a_4 b_5 T_1^9 T_2^{19} - \\
 &8 c_{16} T_1^9 T_2^{19} - 58 c_{19} T_1^9 T_2^{19} - 8 c_{31} T_1^9 T_2^{19} - 58 c_{34} T_1^9 T_2^{19} - 8 c_{46} T_1^9 T_2^{19} - 58 c_{49} T_1^9 T_2^{19} - \\
 &8 c_{61} T_1^9 T_2^{19} - 58 c_{64} T_1^9 T_2^{19} + 173 c_{81} T_1^9 T_2^{19} + 80 c_{82} T_1^9 T_2^{19} + 70 c_{84} T_1^9 T_2^{19} + 48 c_{85} T_1^9 T_2^{19} + \\
 &240 a_2 b_3 T_1^{10} T_2^{19} - 465 a_4 b_3 T_1^{10} T_2^{19} - 301 a_2 b_5 T_1^{10} T_2^{19} + 613 a_4 b_5 T_1^{10} T_2^{19} + 15 c_{16} T_1^{10} T_2^{19} + \\
 &62 c_{19} T_1^{10} T_2^{19} + 15 c_{31} T_1^{10} T_2^{19} + 62 c_{34} T_1^{10} T_2^{19} + 15 c_{46} T_1^{10} T_2^{19} + 62 c_{49} T_1^{10} T_2^{19} + \\
 &15 c_{61} T_1^{10} T_2^{19} + 62 c_{64} T_1^{10} T_2^{19} - 121 c_{81} T_1^{10} T_2^{19} - 52 c_{82} T_1^{10} T_2^{19} - 51 c_{84} T_1^{10} T_2^{19} - \\
 &36 c_{85} T_1^{10} T_2^{19} - 340 a_2 b_3 T_1^{11} T_2^{19} + 673 a_4 b_3 T_1^{11} T_2^{19} + 411 a_2 b_5 T_1^{11} T_2^{19} - 837 a_4 b_5 T_1^{11} T_2^{19} - \\
 &19 c_{16} T_1^{11} T_2^{19} - 34 c_{19} T_1^{11} T_2^{19} - 19 c_{31} T_1^{11} T_2^{19} - 34 c_{34} T_1^{11} T_2^{19} - 19 c_{46} T_1^{11} T_2^{19} - \\
 &34 c_{49} T_1^{11} T_2^{19} - 19 c_{61} T_1^{11} T_2^{19} - 34 c_{64} T_1^{11} T_2^{19} + 77 c_{81} T_1^{11} T_2^{19} + 50 c_{82} T_1^{11} T_2^{19} + \\
 &26 c_{84} T_1^{11} T_2^{19} + 24 c_{85} T_1^{11} T_2^{19} + 436 a_2 b_3 T_1^{12} T_2^{19} - 890 a_4 b_3 T_1^{12} T_2^{19} - 504 a_2 b_5 T_1^{12} T_2^{19} + \\
 &1072 a_4 b_5 T_1^{12} T_2^{19} + 22 c_{16} T_1^{12} T_2^{19} + 66 c_{19} T_1^{12} T_2^{19} + 22 c_{31} T_1^{12} T_2^{19} + 66 c_{34} T_1^{12} T_2^{19} + \\
 &22 c_{46} T_1^{12} T_2^{19} + 66 c_{49} T_1^{12} T_2^{19} + 22 c_{61} T_1^{12} T_2^{19} + 66 c_{64} T_1^{12} T_2^{19} - 21 c_{81} T_1^{12} T_2^{19} + \\
 &10 c_{82} T_1^{12} T_2^{19} + 5 c_{84} T_1^{12} T_2^{19} + 10 c_{85} T_1^{12} T_2^{19} - 538 a_2 b_3 T_1^{13} T_2^{19} + 1098 a_4 b_3 T_1^{13} T_2^{19} +
 \end{aligned}$$

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$$\begin{aligned}
 & 628 a_2 b_5 T_1^{13} T_2^{19} - 1275 a_4 b_5 T_1^{13} T_2^{19} - 24 c_{16} T_1^{13} T_2^{19} - 50 c_{19} T_1^{13} T_2^{19} - 24 c_{31} T_1^{13} T_2^{19} - \\
 & 50 c_{34} T_1^{13} T_2^{19} - 24 c_{46} T_1^{13} T_2^{19} - 50 c_{49} T_1^{13} T_2^{19} - 24 c_{61} T_1^{13} T_2^{19} - 50 c_{64} T_1^{13} T_2^{19} - \\
 & 15 c_{81} T_1^{13} T_2^{19} - 30 c_{82} T_1^{13} T_2^{19} - 10 c_{84} T_1^{13} T_2^{19} - 16 c_{85} T_1^{13} T_2^{19} + 638 a_2 b_3 T_1^{14} T_2^{19} - \\
 & 1337 a_4 b_3 T_1^{14} T_2^{19} - 719 a_2 b_5 T_1^{14} T_2^{19} + 1577 a_4 b_5 T_1^{14} T_2^{19} + 25 c_{16} T_1^{14} T_2^{19} + 70 c_{19} T_1^{14} T_2^{19} + \\
 & 25 c_{31} T_1^{14} T_2^{19} + 70 c_{34} T_1^{14} T_2^{19} + 25 c_{46} T_1^{14} T_2^{19} + 70 c_{49} T_1^{14} T_2^{19} + 25 c_{61} T_1^{14} T_2^{19} + \\
 & 70 c_{64} T_1^{14} T_2^{19} + 63 c_{81} T_1^{14} T_2^{19} + 42 c_{82} T_1^{14} T_2^{19} + 53 c_{84} T_1^{14} T_2^{19} + 26 c_{85} T_1^{14} T_2^{19} - \\
 & 746 a_2 b_3 T_1^{15} T_2^{19} + 1553 a_4 b_3 T_1^{15} T_2^{19} + 861 a_2 b_5 T_1^{15} T_2^{19} - 1731 a_4 b_5 T_1^{15} T_2^{19} - \\
 & 25 c_{16} T_1^{15} T_2^{19} - 66 c_{19} T_1^{15} T_2^{19} - 25 c_{31} T_1^{15} T_2^{19} - 66 c_{34} T_1^{15} T_2^{19} - 25 c_{46} T_1^{15} T_2^{19} - \\
 & 66 c_{49} T_1^{15} T_2^{19} - 25 c_{61} T_1^{15} T_2^{19} - 66 c_{64} T_1^{15} T_2^{19} - 91 c_{81} T_1^{15} T_2^{19} - 110 c_{82} T_1^{15} T_2^{19} - \\
 & 38 c_{84} T_1^{15} T_2^{19} - 56 c_{85} T_1^{15} T_2^{19} + 854 a_2 b_3 T_1^{16} T_2^{19} - 1822 a_4 b_3 T_1^{16} T_2^{19} - 954 a_2 b_5 T_1^{16} T_2^{19} + \\
 & 2144 a_4 b_5 T_1^{16} T_2^{19} + 24 c_{16} T_1^{16} T_2^{19} + 74 c_{19} T_1^{16} T_2^{19} + 24 c_{31} T_1^{16} T_2^{19} + 74 c_{34} T_1^{16} T_2^{19} + \\
 & 24 c_{46} T_1^{16} T_2^{19} + 74 c_{49} T_1^{16} T_2^{19} + 24 c_{61} T_1^{16} T_2^{19} + 74 c_{64} T_1^{16} T_2^{19} + 131 c_{81} T_1^{16} T_2^{19} + \\
 & 74 c_{82} T_1^{16} T_2^{19} + 93 c_{84} T_1^{16} T_2^{19} + 42 c_{85} T_1^{16} T_2^{19} - 848 a_2 b_3 T_1^{17} T_2^{19} + 1914 a_4 b_3 T_1^{17} T_2^{19} + \\
 & 854 a_2 b_5 T_1^{17} T_2^{19} - 1926 a_4 b_5 T_1^{17} T_2^{19} - 22 c_{16} T_1^{17} T_2^{19} - 82 c_{19} T_1^{17} T_2^{19} - 22 c_{31} T_1^{17} T_2^{19} - \\
 & 82 c_{34} T_1^{17} T_2^{19} - 22 c_{46} T_1^{17} T_2^{19} - 82 c_{49} T_1^{17} T_2^{19} - 22 c_{61} T_1^{17} T_2^{19} - 82 c_{64} T_1^{17} T_2^{19} - \\
 & 286 c_{81} T_1^{17} T_2^{19} - 190 c_{82} T_1^{17} T_2^{19} - 193 c_{84} T_1^{17} T_2^{19} - 96 c_{85} T_1^{17} T_2^{19} + 752 a_2 b_3 T_1^{18} T_2^{19} - \\
 & 1710 a_4 b_3 T_1^{18} T_2^{19} - 754 a_2 b_5 T_1^{18} T_2^{19} + 1710 a_4 b_5 T_1^{18} T_2^{19} + 4 c_{16} T_1^{18} T_2^{19} - 22 c_{19} T_1^{18} T_2^{19} + \\
 & 4 c_{31} T_1^{18} T_2^{19} - 22 c_{34} T_1^{18} T_2^{19} + 4 c_{46} T_1^{18} T_2^{19} - 22 c_{49} T_1^{18} T_2^{19} + 4 c_{61} T_1^{18} T_2^{19} - 22 c_{64} T_1^{18} T_2^{19} + \\
 & 353 c_{81} T_1^{18} T_2^{19} + 332 c_{82} T_1^{18} T_2^{19} + 160 c_{84} T_1^{18} T_2^{19} + 156 c_{85} T_1^{18} T_2^{19} - 656 a_2 b_3 T_1^{19} T_2^{19} + \\
 & 1505 a_4 b_3 T_1^{19} T_2^{19} + 653 a_2 b_5 T_1^{19} T_2^{19} - 1495 a_4 b_5 T_1^{19} T_2^{19} + 26 c_{16} T_1^{19} T_2^{19} + 26 c_{19} T_1^{19} T_2^{19} + \\
 & 26 c_{31} T_1^{19} T_2^{19} + 26 c_{34} T_1^{19} T_2^{19} + 26 c_{46} T_1^{19} T_2^{19} + 26 c_{49} T_1^{19} T_2^{19} + 26 c_{61} T_1^{19} T_2^{19} + \\
 & 26 c_{64} T_1^{19} T_2^{19} - 304 c_{81} T_1^{19} T_2^{19} - 304 c_{82} T_1^{19} T_2^{19} - 144 c_{84} T_1^{19} T_2^{19} - 144 c_{85} T_1^{19} T_2^{19} + \\
 & 559 a_2 b_3 T_1^{20} T_2^{19} - 1295 a_4 b_3 T_1^{20} T_2^{19} - 548 a_2 b_5 T_1^{20} T_2^{19} + 1268 a_4 b_5 T_1^{20} T_2^{19} - \\
 & 33 c_{16} T_1^{20} T_2^{19} - 14 c_{19} T_1^{20} T_2^{19} - 33 c_{31} T_1^{20} T_2^{19} - 14 c_{34} T_1^{20} T_2^{19} - 33 c_{46} T_1^{20} T_2^{19} - \\
 & 14 c_{49} T_1^{20} T_2^{19} - 33 c_{61} T_1^{20} T_2^{19} - 14 c_{64} T_1^{20} T_2^{19} + 252 c_{81} T_1^{20} T_2^{19} + 289 c_{82} T_1^{20} T_2^{19} + \\
 & 108 c_{84} T_1^{20} T_2^{19} + 132 c_{85} T_1^{20} T_2^{19} - 464 a_2 b_3 T_1^{21} T_2^{19} + 1082 a_4 b_3 T_1^{21} T_2^{19} + 450 a_2 b_5 T_1^{21} T_2^{19} - \\
 & 1042 a_4 b_5 T_1^{21} T_2^{19} + 75 c_{16} T_1^{21} T_2^{19} + 32 c_{19} T_1^{21} T_2^{19} + 75 c_{31} T_1^{21} T_2^{19} + 32 c_{34} T_1^{21} T_2^{19} + \\
 & 75 c_{46} T_1^{21} T_2^{19} + 32 c_{49} T_1^{21} T_2^{19} + 75 c_{61} T_1^{21} T_2^{19} + 32 c_{64} T_1^{21} T_2^{19} - 196 c_{81} T_1^{21} T_2^{19} - \\
 & 245 c_{82} T_1^{21} T_2^{19} - 88 c_{84} T_1^{21} T_2^{19} - 109 c_{85} T_1^{21} T_2^{19} + 364 a_2 b_3 T_1^{22} T_2^{19} - 870 a_4 b_3 T_1^{22} T_2^{19} - \\
 & 334 a_2 b_5 T_1^{22} T_2^{19} + 818 a_4 b_5 T_1^{22} T_2^{19} - 74 c_{16} T_1^{22} T_2^{19} - 26 c_{19} T_1^{22} T_2^{19} - 74 c_{31} T_1^{22} T_2^{19} - \\
 & 26 c_{34} T_1^{22} T_2^{19} - 74 c_{46} T_1^{22} T_2^{19} - 26 c_{49} T_1^{22} T_2^{19} - 74 c_{61} T_1^{22} T_2^{19} - 26 c_{64} T_1^{22} T_2^{19} + \\
 & 152 c_{81} T_1^{22} T_2^{19} + 221 c_{82} T_1^{22} T_2^{19} + 64 c_{84} T_1^{22} T_2^{19} + 100 c_{85} T_1^{22} T_2^{19} - 264 a_2 b_3 T_1^{23} T_2^{19} + \\
 & 639 a_4 b_3 T_1^{23} T_2^{19} + 235 a_2 b_5 T_1^{23} T_2^{19} - 549 a_4 b_5 T_1^{23} T_2^{19} + 112 c_{16} T_1^{23} T_2^{19} + 38 c_{19} T_1^{23} T_2^{19} + \\
 & 112 c_{31} T_1^{23} T_2^{19} + 38 c_{34} T_1^{23} T_2^{19} + 112 c_{46} T_1^{23} T_2^{19} + 38 c_{49} T_1^{23} T_2^{19} + 112 c_{61} T_1^{23} T_2^{19} + \\
 & 38 c_{64} T_1^{23} T_2^{19} - 104 c_{81} T_1^{23} T_2^{19} - 201 c_{82} T_1^{23} T_2^{19} - 40 c_{84} T_1^{23} T_2^{19} - 89 c_{85} T_1^{23} T_2^{19} + \\
 & 157 a_2 b_3 T_1^{24} T_2^{19} - 417 a_4 b_3 T_1^{24} T_2^{19} - 104 a_2 b_5 T_1^{24} T_2^{19} + 344 a_4 b_5 T_1^{24} T_2^{19} - \\
 & 103 c_{16} T_1^{24} T_2^{19} - 38 c_{19} T_1^{24} T_2^{19} - 103 c_{31} T_1^{24} T_2^{19} - 38 c_{34} T_1^{24} T_2^{19} - 103 c_{46} T_1^{24} T_2^{19} - \\
 & 38 c_{49} T_1^{24} T_2^{19} - 103 c_{61} T_1^{24} T_2^{19} - 38 c_{64} T_1^{24} T_2^{19} + 68 c_{81} T_1^{24} T_2^{19} + 153 c_{82} T_1^{24} T_2^{19} + \\
 & 28 c_{84} T_1^{24} T_2^{19} + 68 c_{85} T_1^{24} T_2^{19} - 48 a_2 b_3 T_1^{25} T_2^{19} + 160 a_4 b_3 T_1^{25} T_2^{19} + 137 c_{16} T_1^{25} T_2^{19} + \\
 & 44 c_{19} T_1^{25} T_2^{19} + 137 c_{31} T_1^{25} T_2^{19} + 44 c_{34} T_1^{25} T_2^{19} + 137 c_{46} T_1^{25} T_2^{19} + 44 c_{49} T_1^{25} T_2^{19} + \\
 & 137 c_{61} T_1^{25} T_2^{19} + 44 c_{64} T_1^{25} T_2^{19} - 28 c_{81} T_1^{25} T_2^{19} - 157 c_{82} T_1^{25} T_2^{19} - 69 c_{85} T_1^{25} T_2^{19} - \\
 & 120 c_{16} T_1^{26} T_2^{19} - 50 c_{19} T_1^{26} T_2^{19} - 120 c_{31} T_1^{26} T_2^{19} - 50 c_{34} T_1^{26} T_2^{19} - 120 c_{46} T_1^{26} T_2^{19} - \\
 & 50 c_{49} T_1^{26} T_2^{19} - 120 c_{61} T_1^{26} T_2^{19} - 50 c_{64} T_1^{26} T_2^{19} + 85 c_{82} T_1^{26} T_2^{19} + 36 c_{85} T_1^{26} T_2^{19} + \\
 & 2 a_4 b_5 T_1^{20} T_2^2 - 3 a_4 b_3 T_1^2 T_2^{20} - 3 a_2 b_5 T_1^2 T_2^{20} + a_4 b_5 T_1^2 T_2^{20} - 5 c_{81} T_1^2 T_2^{20} - 5 c_{84} T_1^2 T_2^{20} + \\
 & 4 a_2 b_3 T_1^3 T_2^{20} + 7 a_4 b_3 T_1^3 T_2^{20} - 3 a_2 b_5 T_1^3 T_2^{20} - 6 a_4 b_5 T_1^3 T_2^{20} - 16 c_{19} T_1^3 T_2^{20} - 16 c_{34} T_1^3 T_2^{20} - \\
 & 16 c_{49} T_1^3 T_2^{20} - 16 c_{64} T_1^3 T_2^{20} - 3 c_{81} T_1^3 T_2^{20} - 11 c_{82} T_1^3 T_2^{20} - 8 c_{84} T_1^3 T_2^{20} - 6 a_2 b_3 T_1^4 T_2^{20} - \\
 & 3 a_4 b_3 T_1^4 T_2^{20} - 3 a_2 b_5 T_1^4 T_2^{20} - 7 a_4 b_5 T_1^4 T_2^{20} + 2 c_{16} T_1^4 T_2^{20} + 2 c_{19} T_1^4 T_2^{20} + 2 c_{31} T_1^4 T_2^{20} + \\
 & 2 c_{34} T_1^4 T_2^{20} + 2 c_{46} T_1^4 T_2^{20} + 2 c_{49} T_1^4 T_2^{20} + 2 c_{61} T_1^4 T_2^{20} + 2 c_{64} T_1^4 T_2^{20} + 3 c_{81} T_1^4 T_2^{20} - \\
 & c_{82} T_1^4 T_2^{20} - 5 c_{84} T_1^4 T_2^{20} - 9 c_{85} T_1^4 T_2^{20} + 9 a_2 b_3 T_1^5 T_2^{20} + 9 a_4 b_3 T_1^5 T_2^{20} - 6 a_2 b_5 T_1^5 T_2^{20} - \\
 & 20 a_4 b_5 T_1^5 T_2^{20} - 12 c_{19} T_1^5 T_2^{20} - 12 c_{34} T_1^5 T_2^{20} - 12 c_{49} T_1^5 T_2^{20} - 12 c_{64} T_1^5 T_2^{20} - 11 c_{81} T_1^5 T_2^{20} +
 \end{aligned}$$

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$$\begin{aligned}
 & c_{82} T_1^5 T_2^{20} - 16 c_{84} T_1^5 T_2^{20} + 8 c_{85} T_1^5 T_2^{20} - 10 a_2 b_3 T_1^6 T_2^{20} - a_4 b_3 T_1^6 T_2^{20} - 3 a_2 b_5 T_1^6 T_2^{20} - \\
 & 21 a_4 b_5 T_1^6 T_2^{20} + 4 c_{16} T_1^6 T_2^{20} + 4 c_{19} T_1^6 T_2^{20} + 4 c_{31} T_1^6 T_2^{20} + 4 c_{34} T_1^6 T_2^{20} + 4 c_{46} T_1^6 T_2^{20} + \\
 & 4 c_{49} T_1^6 T_2^{20} + 4 c_{61} T_1^6 T_2^{20} + 4 c_{64} T_1^6 T_2^{20} + 11 c_{81} T_1^6 T_2^{20} + 11 c_{82} T_1^6 T_2^{20} - 5 c_{84} T_1^{6-20} T_2^{20} - \\
 & 5 c_{85} T_1^6 T_2^{20} + 12 a_2 b_3 T_1^7 T_2^{20} + 9 a_4 b_3 T_1^7 T_2^{20} - 9 a_2 b_5 T_1^7 T_2^{20} - 40 a_4 b_5 T_1^7 T_2^{20} - \\
 & 8 c_{19} T_1^7 T_2^{20} - 8 c_{34} T_1^7 T_2^{20} - 8 c_{49} T_1^7 T_2^{20} - 8 c_{64} T_1^7 T_2^{20} - 19 c_{81} T_1^7 T_2^{20} + 13 c_{82} T_1^7 T_2^{20} - \\
 & 24 c_{84} T_1^7 T_2^{20} + 16 c_{85} T_1^7 T_2^{20} - 60 a_2 b_3 T_1^8 T_2^{20} + 57 a_4 b_3 T_1^8 T_2^{20} + 99 a_2 b_5 T_1^8 T_2^{20} - \\
 & 155 a_4 b_5 T_1^8 T_2^{20} + 6 c_{16} T_1^8 T_2^{20} + 6 c_{19} T_1^8 T_2^{20} + 6 c_{31} T_1^8 T_2^{20} + 6 c_{34} T_1^8 T_2^{20} + 6 c_{46} T_1^8 T_2^{20} + \\
 & 6 c_{49} T_1^8 T_2^{20} + 6 c_{61} T_1^8 T_2^{20} + 6 c_{64} T_1^8 T_2^{20} + 136 c_{81} T_1^8 T_2^{20} + 23 c_{82} T_1^8 T_2^{20} + 112 c_{84} T_1^8 T_2^{20} - \\
 & c_{85} T_1^8 T_2^{20} + 144 a_2 b_3 T_1^9 T_2^{20} - 243 a_4 b_3 T_1^9 T_2^{20} - 189 a_2 b_5 T_1^9 T_2^{20} + 350 a_4 b_5 T_1^9 T_2^{20} + \\
 & 49 c_{19} T_1^9 T_2^{20} + 49 c_{34} T_1^9 T_2^{20} + 49 c_{49} T_1^9 T_2^{20} + 49 c_{64} T_1^9 T_2^{20} - 197 c_{81} T_1^9 T_2^{20} - 60 c_{82} T_1^9 T_2^{20} - \\
 & 85 c_{84} T_1^9 T_2^{20} - 12 c_{85} T_1^9 T_2^{20} - 228 a_2 b_3 T_1^{10} T_2^{20} + 429 a_4 b_3 T_1^{10} T_2^{20} + 279 a_2 b_5 T_1^{10} T_2^{20} - \\
 & 544 a_4 b_5 T_1^{10} T_2^{20} - 5 c_{16} T_1^{10} T_2^{20} - 5 c_{19} T_1^{10} T_2^{20} - 5 c_{31} T_1^{10} T_2^{20} - 5 c_{34} T_1^{10} T_2^{20} - \\
 & 5 c_{46} T_1^{10} T_2^{20} - 5 c_{49} T_1^{10} T_2^{20} - 5 c_{61} T_1^{10} T_2^{20} - 5 c_{64} T_1^{10} T_2^{20} + 145 c_{81} T_1^{10} T_2^{20} + \\
 & 36 c_{82} T_1^{10} T_2^{20} + 60 c_{84} T_1^{10} T_2^{20} + 312 a_2 b_3 T_1^{11} T_2^{20} - 619 a_4 b_3 T_1^{11} T_2^{20} - 373 a_2 b_5 T_1^{11} T_2^{20} + \\
 & 748 a_4 b_5 T_1^{11} T_2^{20} + 9 c_{16} T_1^{11} T_2^{20} + 53 c_{19} T_1^{11} T_2^{20} + 9 c_{31} T_1^{11} T_2^{20} + 53 c_{34} T_1^{11} T_2^{20} + \\
 & 9 c_{46} T_1^{11} T_2^{20} + 53 c_{49} T_1^{11} T_2^{20} + 9 c_{61} T_1^{11} T_2^{20} + 53 c_{64} T_1^{11} T_2^{20} - 89 c_{81} T_1^{11} T_2^{20} - 12 c_{82} T_1^{11} T_2^{20} - \\
 & 29 c_{84} T_1^{11} T_2^{20} + 12 c_{85} T_1^{11} T_2^{20} - 390 a_2 b_3 T_1^{12} T_2^{20} + 809 a_4 b_3 T_1^{12} T_2^{20} + 453 a_2 b_5 T_1^{12} T_2^{20} - \\
 & 951 a_4 b_5 T_1^{12} T_2^{20} - 14 c_{16} T_1^{12} T_2^{20} - 87 c_{19} T_1^{12} T_2^{20} - 14 c_{31} T_1^{12} T_2^{20} - 87 c_{34} T_1^{12} T_2^{20} - \\
 & 14 c_{46} T_1^{12} T_2^{20} - 87 c_{49} T_1^{12} T_2^{20} - 14 c_{61} T_1^{12} T_2^{20} - 87 c_{64} T_1^{12} T_2^{20} + 29 c_{81} T_1^{12} T_2^{20} - \\
 & 34 c_{82} T_1^{12} T_2^{20} - 24 c_{85} T_1^{12} T_2^{20} + 474 a_2 b_3 T_1^{13} T_2^{20} - 991 a_4 b_3 T_1^{13} T_2^{20} - 559 a_2 b_5 T_1^{13} T_2^{20} + \\
 & 1138 a_4 b_5 T_1^{13} T_2^{20} + 18 c_{16} T_1^{13} T_2^{20} + 61 c_{19} T_1^{13} T_2^{20} + 18 c_{31} T_1^{13} T_2^{20} + 61 c_{34} T_1^{13} T_2^{20} + \\
 & 18 c_{46} T_1^{13} T_2^{20} + 61 c_{49} T_1^{13} T_2^{20} + 18 c_{61} T_1^{13} T_2^{20} + 61 c_{64} T_1^{13} T_2^{20} + 11 c_{81} T_1^{13} T_2^{20} + \\
 & 34 c_{82} T_1^{13} T_2^{20} + 11 c_{84} T_1^{13} T_2^{20} + 18 c_{85} T_1^{13} T_2^{20} - 556 a_2 b_3 T_1^{14} T_2^{20} + 1197 a_4 b_3 T_1^{14} T_2^{20} + \\
 & 635 a_2 b_5 T_1^{14} T_2^{20} - 1396 a_4 b_5 T_1^{14} T_2^{20} - 21 c_{16} T_1^{14} T_2^{20} - 83 c_{19} T_1^{14} T_2^{20} - 21 c_{31} T_1^{14} T_2^{20} - \\
 & 83 c_{34} T_1^{14} T_2^{20} - 21 c_{46} T_1^{14} T_2^{20} - 83 c_{49} T_1^{14} T_2^{20} - 21 c_{61} T_1^{14} T_2^{20} - 83 c_{64} T_1^{14} T_2^{20} - \\
 & 63 c_{81} T_1^{14} T_2^{20} - 58 c_{82} T_1^{14} T_2^{20} - 52 c_{84} T_1^{14} T_2^{20} - 32 c_{85} T_1^{14} T_2^{20} + 646 a_2 b_3 T_1^{15} T_2^{20} - \\
 & 1381 a_4 b_3 T_1^{15} T_2^{20} - 757 a_2 b_5 T_1^{15} T_2^{20} + 1538 a_4 b_5 T_1^{15} T_2^{20} + 23 c_{16} T_1^{15} T_2^{20} + 69 c_{19} T_1^{15} T_2^{20} + \\
 & 23 c_{31} T_1^{15} T_2^{20} + 69 c_{34} T_1^{15} T_2^{20} + 23 c_{46} T_1^{15} T_2^{20} + 69 c_{49} T_1^{15} T_2^{20} + 23 c_{61} T_1^{15} T_2^{20} + \\
 & 69 c_{64} T_1^{15} T_2^{20} + 95 c_{81} T_1^{15} T_2^{20} + 106 c_{82} T_1^{15} T_2^{20} + 43 c_{84} T_1^{15} T_2^{20} + 50 c_{85} T_1^{15} T_2^{20} - \\
 & 736 a_2 b_3 T_1^{16} T_2^{20} + 1611 a_4 b_3 T_1^{16} T_2^{20} + 833 a_2 b_5 T_1^{16} T_2^{20} - 1895 a_4 b_5 T_1^{16} T_2^{20} - \\
 & 24 c_{16} T_1^{16} T_2^{20} - 79 c_{19} T_1^{16} T_2^{20} - 24 c_{31} T_1^{16} T_2^{20} - 79 c_{34} T_1^{16} T_2^{20} - 24 c_{46} T_1^{16} T_2^{20} - \\
 & 79 c_{49} T_1^{16} T_2^{20} - 24 c_{61} T_1^{16} T_2^{20} - 79 c_{64} T_1^{16} T_2^{20} - 139 c_{81} T_1^{16} T_2^{20} - 82 c_{82} T_1^{16} T_2^{20} - \\
 & 96 c_{84} T_1^{16} T_2^{20} - 40 c_{85} T_1^{16} T_2^{20} + 728 a_2 b_3 T_1^{17} T_2^{20} - 1681 a_4 b_3 T_1^{17} T_2^{20} - 743 a_2 b_5 T_1^{17} T_2^{20} + \\
 & 1700 a_4 b_5 T_1^{17} T_2^{20} + 24 c_{16} T_1^{17} T_2^{20} + 77 c_{19} T_1^{17} T_2^{20} + 24 c_{31} T_1^{17} T_2^{20} + 77 c_{34} T_1^{17} T_2^{20} + \\
 & 24 c_{46} T_1^{17} T_2^{20} + 77 c_{49} T_1^{17} T_2^{20} + 24 c_{61} T_1^{17} T_2^{20} + 77 c_{64} T_1^{17} T_2^{20} + 280 c_{81} T_1^{17} T_2^{20} + \\
 & 178 c_{82} T_1^{17} T_2^{20} + 184 c_{84} T_1^{17} T_2^{20} + 82 c_{85} T_1^{17} T_2^{20} - 644 a_2 b_3 T_1^{18} T_2^{20} + 1495 a_4 b_3 T_1^{18} T_2^{20} + \\
 & 653 a_2 b_5 T_1^{18} T_2^{20} - 1505 a_4 b_5 T_1^{18} T_2^{20} - 10 c_{16} T_1^{18} T_2^{20} + 31 c_{19} T_1^{18} T_2^{20} - 10 c_{31} T_1^{18} T_2^{20} + \\
 & 31 c_{34} T_1^{18} T_2^{20} - 10 c_{46} T_1^{18} T_2^{20} + 31 c_{49} T_1^{18} T_2^{20} - 10 c_{61} T_1^{18} T_2^{20} + 31 c_{64} T_1^{18} T_2^{20} - \\
 & 341 c_{81} T_1^{18} T_2^{20} - 276 c_{82} T_1^{18} T_2^{20} - 157 c_{84} T_1^{18} T_2^{20} - 120 c_{85} T_1^{18} T_2^{20} + 560 a_2 b_3 T_1^{19} T_2^{20} - \\
 & 1309 a_4 b_3 T_1^{19} T_2^{20} - 563 a_2 b_5 T_1^{19} T_2^{20} + 1309 a_4 b_5 T_1^{19} T_2^{20} - 14 c_{16} T_1^{19} T_2^{20} - 33 c_{19} T_1^{19} T_2^{20} - \\
 & 14 c_{31} T_1^{19} T_2^{20} - 33 c_{34} T_1^{19} T_2^{20} - 14 c_{46} T_1^{19} T_2^{20} - 33 c_{49} T_1^{19} T_2^{20} - 14 c_{61} T_1^{19} T_2^{20} - \\
 & 33 c_{64} T_1^{19} T_2^{20} + 289 c_{81} T_1^{19} T_2^{20} + 252 c_{82} T_1^{19} T_2^{20} + 132 c_{84} T_1^{19} T_2^{20} + 108 c_{85} T_1^{19} T_2^{20} - \\
 & 476 a_2 b_3 T_1^{20} T_2^{20} + 1122 a_4 b_3 T_1^{20} T_2^{20} + 472 a_2 b_5 T_1^{20} T_2^{20} - 1108 a_4 b_5 T_1^{20} T_2^{20} + \\
 & 35 c_{16} T_1^{20} T_2^{20} + 35 c_{19} T_1^{20} T_2^{20} + 35 c_{31} T_1^{20} T_2^{20} + 35 c_{34} T_1^{20} T_2^{20} + 35 c_{46} T_1^{20} T_2^{20} + \\
 & 35 c_{49} T_1^{20} T_2^{20} + 35 c_{61} T_1^{20} T_2^{20} + 35 c_{64} T_1^{20} T_2^{20} - 228 c_{81} T_1^{20} T_2^{20} - 228 c_{82} T_1^{20} T_2^{20} - \\
 & 96 c_{84} T_1^{20} T_2^{20} - 96 c_{85} T_1^{20} T_2^{20} + 394 a_2 b_3 T_1^{21} T_2^{20} - 936 a_4 b_3 T_1^{21} T_2^{20} - 386 a_2 b_5 T_1^{21} T_2^{20} + \\
 & 910 a_4 b_5 T_1^{21} T_2^{20} - 73 c_{16} T_1^{21} T_2^{20} - 53 c_{19} T_1^{21} T_2^{20} - 73 c_{31} T_1^{21} T_2^{20} - 53 c_{34} T_1^{21} T_2^{20} - \\
 & 73 c_{46} T_1^{21} T_2^{20} - 53 c_{49} T_1^{21} T_2^{20} - 73 c_{61} T_1^{21} T_2^{20} - 53 c_{64} T_1^{21} T_2^{20} + 176 c_{81} T_1^{21} T_2^{20} + \\
 & 193 c_{82} T_1^{21} T_2^{20} + 80 c_{84} T_1^{21} T_2^{20} + 84 c_{85} T_1^{21} T_2^{20} - 308 a_2 b_3 T_1^{22} T_2^{20} + 750 a_4 b_3 T_1^{22} T_2^{20} + \\
 & 286 a_2 b_5 T_1^{22} T_2^{20} - 710 a_4 b_5 T_1^{22} T_2^{20} + 70 c_{16} T_1^{22} T_2^{20} + 41 c_{19} T_1^{22} T_2^{20} + 70 c_{31} T_1^{22} T_2^{20} +
 \end{aligned}$$

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$$\begin{aligned}
 & 41 c_{34} T_1^{22} T_2^{20} + 70 c_{46} T_1^{22} T_2^{20} + 41 c_{49} T_1^{22} T_2^{20} + 70 c_{61} T_1^{22} T_2^{20} + 41 c_{64} T_1^{22} T_2^{20} - \\
 & 136 c_{81} T_1^{22} T_2^{20} - 181 c_{82} T_1^{22} T_2^{20} - 56 c_{84} T_1^{22} T_2^{20} - 81 c_{85} T_1^{22} T_2^{20} + 223 a_2 b_3 T_1^{23} T_2^{20} - \\
 & 550 a_4 b_3 T_1^{23} T_2^{20} - 201 a_2 b_5 T_1^{23} T_2^{20} + 479 a_4 b_5 T_1^{23} T_2^{20} - 104 c_{16} T_1^{23} T_2^{20} - 53 c_{19} T_1^{23} T_2^{20} - \\
 & 104 c_{31} T_1^{23} T_2^{20} - 53 c_{34} T_1^{23} T_2^{20} - 104 c_{46} T_1^{23} T_2^{20} - 53 c_{49} T_1^{23} T_2^{20} - 104 c_{61} T_1^{23} T_2^{20} - \\
 & 53 c_{64} T_1^{23} T_2^{20} + 92 c_{81} T_1^{23} T_2^{20} + 157 c_{82} T_1^{23} T_2^{20} + 36 c_{84} T_1^{23} T_2^{20} + 68 c_{85} T_1^{23} T_2^{20} - \\
 & 132 a_2 b_3 T_1^{24} T_2^{20} + 358 a_4 b_3 T_1^{24} T_2^{20} + 88 a_2 b_5 T_1^{24} T_2^{20} - 296 a_4 b_5 T_1^{24} T_2^{20} + 93 c_{16} T_1^{24} T_2^{20} + \\
 & 47 c_{19} T_1^{24} T_2^{20} + 93 c_{31} T_1^{24} T_2^{20} + 47 c_{34} T_1^{24} T_2^{20} + 93 c_{46} T_1^{24} T_2^{20} + 47 c_{49} T_1^{24} T_2^{20} + \\
 & 93 c_{61} T_1^{24} T_2^{20} + 47 c_{64} T_1^{24} T_2^{20} - 60 c_{81} T_1^{24} T_2^{20} - 121 c_{82} T_1^{24} T_2^{20} - 24 c_{84} T_1^{24} T_2^{20} - \\
 & 53 c_{85} T_1^{24} T_2^{20} + 40 a_2 b_3 T_1^{25} T_2^{20} - 136 a_4 b_3 T_1^{25} T_2^{20} - 123 c_{16} T_1^{25} T_2^{20} - 53 c_{19} T_1^{25} T_2^{20} - \\
 & 123 c_{31} T_1^{25} T_2^{20} - 53 c_{34} T_1^{25} T_2^{20} - 123 c_{46} T_1^{25} T_2^{20} - 53 c_{49} T_1^{25} T_2^{20} - 123 c_{61} T_1^{25} T_2^{20} - \\
 & 53 c_{64} T_1^{25} T_2^{20} + 24 c_{81} T_1^{25} T_2^{20} + 121 c_{82} T_1^{25} T_2^{20} + 52 c_{85} T_1^{25} T_2^{20} + 104 c_{16} T_1^{26} T_2^{20} + \\
 & 53 c_{19} T_1^{26} T_2^{20} + 104 c_{31} T_1^{26} T_2^{20} + 53 c_{34} T_1^{26} T_2^{20} + 104 c_{46} T_1^{26} T_2^{20} + 53 c_{49} T_1^{26} T_2^{20} + \\
 & 104 c_{61} T_1^{26} T_2^{20} + 53 c_{64} T_1^{26} T_2^{20} - 61 c_{82} T_1^{26} T_2^{20} - 25 c_{85} T_1^{26} T_2^{20} - 3 a_4 b_5 T_1^{27} T_2^{21} + \\
 & 4 a_4 b_3 T_1^3 T_2^{21} + 4 a_2 b_5 T_1^3 T_2^{21} + 7 c_{81} T_1^3 T_2^{21} + 7 c_{84} T_1^3 T_2^{21} - 5 a_2 b_3 T_1^4 T_2^{21} - 10 a_4 b_3 T_1^4 T_2^{21} + \\
 & 3 a_2 b_5 T_1^4 T_2^{21} + 7 a_4 b_5 T_1^4 T_2^{21} + 16 c_{19} T_1^4 T_2^{21} + 16 c_{34} T_1^4 T_2^{21} + 16 c_{49} T_1^4 T_2^{21} + 16 c_{64} T_1^4 T_2^{21} + \\
 & c_{81} T_1^4 T_2^{21} + 9 c_{82} T_1^4 T_2^{21} + 8 c_{84} T_1^4 T_2^{21} + 8 a_2 b_3 T_1^5 T_2^{21} + 6 a_4 b_3 T_1^5 T_2^{21} + 4 a_2 b_5 T_1^5 T_2^{21} + \\
 & 10 a_4 b_5 T_1^5 T_2^{21} - 2 c_{16} T_1^5 T_2^{21} - 2 c_{19} T_1^5 T_2^{21} - 2 c_{31} T_1^5 T_2^{21} - 2 c_{34} T_1^5 T_2^{21} - 2 c_{46} T_1^5 T_2^{21} - \\
 & 2 c_{49} T_1^5 T_2^{21} - 2 c_{61} T_1^5 T_2^{21} - 2 c_{64} T_1^5 T_2^{21} - c_{81} T_1^5 T_2^{21} - c_{82} T_1^5 T_2^{21} + 7 c_{84} T_1^5 T_2^{21} + \\
 & 7 c_{85} T_1^5 T_2^{21} - 12 a_2 b_3 T_1^6 T_2^{21} - 14 a_4 b_3 T_1^6 T_2^{21} + 6 a_2 b_5 T_1^6 T_2^{21} + 23 a_4 b_5 T_1^6 T_2^{21} + \\
 & 12 c_{19} T_1^6 T_2^{21} + 12 c_{34} T_1^6 T_2^{21} + 12 c_{49} T_1^6 T_2^{21} + 12 c_{64} T_1^6 T_2^{21} + 9 c_{81} T_1^6 T_2^{21} - 3 c_{82} T_1^6 T_2^{21} + \\
 & 16 c_{84} T_1^6 T_2^{21} - 8 c_{85} T_1^6 T_2^{21} + 14 a_2 b_3 T_1^7 T_2^{21} + 6 a_4 b_3 T_1^7 T_2^{21} + 4 a_2 b_5 T_1^7 T_2^{21} + \\
 & 26 a_4 b_5 T_1^7 T_2^{21} - 4 c_{16} T_1^7 T_2^{21} - 4 c_{19} T_1^7 T_2^{21} - 4 c_{31} T_1^7 T_2^{21} - 4 c_{34} T_1^7 T_2^{21} - 4 c_{46} T_1^7 T_2^{21} - \\
 & 4 c_{49} T_1^7 T_2^{21} - 4 c_{61} T_1^7 T_2^{21} - 4 c_{64} T_1^7 T_2^{21} - 9 c_{81} T_1^7 T_2^{21} - 13 c_{82} T_1^7 T_2^{21} + 7 c_{84} T_1^7 T_2^{21} + \\
 & 3 c_{85} T_1^7 T_2^{21} + 24 a_2 b_3 T_1^8 T_2^{21} - 64 a_4 b_3 T_1^8 T_2^{21} - 80 a_2 b_5 T_1^8 T_2^{21} + 147 a_4 b_5 T_1^8 T_2^{21} + \\
 & 8 c_{19} T_1^8 T_2^{21} + 8 c_{34} T_1^8 T_2^{21} + 8 c_{49} T_1^8 T_2^{21} + 8 c_{64} T_1^8 T_2^{21} - 82 c_{81} T_1^8 T_2^{21} - 15 c_{82} T_1^8 T_2^{21} - \\
 & 75 c_{84} T_1^8 T_2^{21} - 16 c_{85} T_1^8 T_2^{21} - 92 a_2 b_3 T_1^9 T_2^{21} + 224 a_4 b_3 T_1^9 T_2^{21} + 156 a_2 b_5 T_1^9 T_2^{21} - \\
 & 320 a_4 b_5 T_1^9 T_2^{21} - 6 c_{16} T_1^9 T_2^{21} - 59 c_{19} T_1^9 T_2^{21} - 6 c_{31} T_1^9 T_2^{21} - 59 c_{34} T_1^9 T_2^{21} - 6 c_{46} T_1^9 T_2^{21} - \\
 & 59 c_{49} T_1^9 T_2^{21} - 6 c_{61} T_1^9 T_2^{21} - 59 c_{64} T_1^9 T_2^{21} + 121 c_{81} T_1^9 T_2^{21} + 36 c_{82} T_1^9 T_2^{21} + 46 c_{84} T_1^9 T_2^{21} + \\
 & 24 c_{85} T_1^9 T_2^{21} + 160 a_2 b_3 T_1^{10} T_2^{21} - 384 a_4 b_3 T_1^{10} T_2^{21} - 232 a_2 b_5 T_1^{10} T_2^{21} + 493 a_4 b_5 T_1^{10} T_2^{21} + \\
 & 11 c_{16} T_1^{10} T_2^{21} + 57 c_{19} T_1^{10} T_2^{21} + 11 c_{31} T_1^{10} T_2^{21} + 57 c_{34} T_1^{10} T_2^{21} + 11 c_{46} T_1^{10} T_2^{21} + \\
 & 57 c_{49} T_1^{10} T_2^{21} + 11 c_{61} T_1^{10} T_2^{21} + 57 c_{64} T_1^{10} T_2^{21} - 65 c_{81} T_1^{10} T_2^{21} - 16 c_{82} T_1^{10} T_2^{21} - \\
 & 19 c_{84} T_1^{10} T_2^{21} - 16 c_{85} T_1^{10} T_2^{21} - 228 a_2 b_3 T_1^{11} T_2^{21} + 544 a_4 b_3 T_1^{11} T_2^{21} + 308 a_2 b_5 T_1^{11} T_2^{21} - \\
 & 670 a_4 b_5 T_1^{11} T_2^{21} - 15 c_{16} T_1^{11} T_2^{21} - 55 c_{19} T_1^{11} T_2^{21} - 15 c_{31} T_1^{11} T_2^{21} - 55 c_{34} T_1^{11} T_2^{21} - \\
 & 15 c_{46} T_1^{11} T_2^{21} - 55 c_{49} T_1^{11} T_2^{21} - 15 c_{61} T_1^{11} T_2^{21} - 55 c_{64} T_1^{11} T_2^{21} + 13 c_{81} T_1^{11} T_2^{21} - 4 c_{82} T_1^{11} T_2^{21} - \\
 & 6 c_{84} T_1^{11} T_2^{21} + 8 c_{85} T_1^{11} T_2^{21} + 296 a_2 b_3 T_1^{12} T_2^{21} - 698 a_4 b_3 T_1^{12} T_2^{21} - 378 a_2 b_5 T_1^{12} T_2^{21} + \\
 & 837 a_4 b_5 T_1^{12} T_2^{21} + 18 c_{16} T_1^{12} T_2^{21} + 53 c_{19} T_1^{12} T_2^{21} + 18 c_{31} T_1^{12} T_2^{21} + 53 c_{34} T_1^{12} T_2^{21} + \\
 & 18 c_{46} T_1^{12} T_2^{21} + 53 c_{49} T_1^{12} T_2^{21} + 18 c_{61} T_1^{12} T_2^{21} + 53 c_{64} T_1^{12} T_2^{21} + 31 c_{81} T_1^{12} T_2^{21} + \\
 & 24 c_{82} T_1^{12} T_2^{21} + 25 c_{84} T_1^{12} T_2^{21} - 373 a_2 b_3 T_1^{13} T_2^{21} + 852 a_4 b_3 T_1^{13} T_2^{21} + 469 a_2 b_5 T_1^{13} T_2^{21} - \\
 & 1006 a_4 b_5 T_1^{13} T_2^{21} - 18 c_{16} T_1^{13} T_2^{21} - 19 c_{19} T_1^{13} T_2^{21} - 18 c_{31} T_1^{13} T_2^{21} - 19 c_{34} T_1^{13} T_2^{21} - \\
 & 18 c_{46} T_1^{13} T_2^{21} - 19 c_{49} T_1^{13} T_2^{21} - 18 c_{61} T_1^{13} T_2^{21} - 19 c_{64} T_1^{13} T_2^{21} - 59 c_{81} T_1^{13} T_2^{21} - 26 c_{82} T_1^{13} T_2^{21} - \\
 & 34 c_{84} T_1^{13} T_2^{21} - 8 c_{85} T_1^{13} T_2^{21} + 446 a_2 b_3 T_1^{14} T_2^{21} - 1025 a_4 b_3 T_1^{14} T_2^{21} - 533 a_2 b_5 T_1^{14} T_2^{21} + \\
 & 1216 a_4 b_5 T_1^{14} T_2^{21} + 17 c_{16} T_1^{14} T_2^{21} + 45 c_{19} T_1^{14} T_2^{21} + 17 c_{31} T_1^{14} T_2^{21} + 45 c_{34} T_1^{14} T_2^{21} + \\
 & 17 c_{46} T_1^{14} T_2^{21} + 45 c_{49} T_1^{14} T_2^{21} + 17 c_{61} T_1^{14} T_2^{21} + 45 c_{64} T_1^{14} T_2^{21} + 99 c_{81} T_1^{14} T_2^{21} + 62 c_{82} T_1^{14} T_2^{21} + \\
 & 65 c_{84} T_1^{14} T_2^{21} + 30 c_{85} T_1^{14} T_2^{21} - 525 a_2 b_3 T_1^{15} T_2^{21} + 1179 a_4 b_3 T_1^{15} T_2^{21} + 638 a_2 b_5 T_1^{15} T_2^{21} - \\
 & 1344 a_4 b_5 T_1^{15} T_2^{21} - 15 c_{16} T_1^{15} T_2^{21} - 23 c_{19} T_1^{15} T_2^{21} - 15 c_{31} T_1^{15} T_2^{21} - 23 c_{34} T_1^{15} T_2^{21} - \\
 & 15 c_{46} T_1^{15} T_2^{21} - 23 c_{49} T_1^{15} T_2^{21} - 15 c_{61} T_1^{15} T_2^{21} - 23 c_{64} T_1^{15} T_2^{21} - 119 c_{81} T_1^{15} T_2^{21} - \\
 & 90 c_{82} T_1^{15} T_2^{21} - 54 c_{84} T_1^{15} T_2^{21} - 40 c_{85} T_1^{15} T_2^{21} + 602 a_2 b_3 T_1^{16} T_2^{21} - 1374 a_4 b_3 T_1^{16} T_2^{21} - \\
 & 700 a_2 b_5 T_1^{16} T_2^{21} + 1641 a_4 b_5 T_1^{16} T_2^{21} + 12 c_{16} T_1^{16} T_2^{21} + 37 c_{19} T_1^{16} T_2^{21} + 12 c_{31} T_1^{16} T_2^{21} + \\
 & 37 c_{34} T_1^{16} T_2^{21} + 12 c_{46} T_1^{16} T_2^{21} + 37 c_{49} T_1^{16} T_2^{21} + 12 c_{61} T_1^{16} T_2^{21} + 37 c_{64} T_1^{16} T_2^{21} + \\
 & 151 c_{81} T_1^{16} T_2^{21} + 78 c_{82} T_1^{16} T_2^{21} + 97 c_{84} T_1^{16} T_2^{21} + 38 c_{85} T_1^{16} T_2^{21} - 596 a_2 b_3 T_1^{17} T_2^{21} +
 \end{aligned}$$

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$$\begin{aligned}
 & 1428 a_4 b_3 T_1^{17} T_2^{21} + 624 a_2 b_5 T_1^{17} T_2^{21} - 1468 a_4 b_5 T_1^{17} T_2^{21} - 8 c_{16} T_1^{17} T_2^{21} - 27 c_{19} T_1^{17} T_2^{21} - \\
 & 8 c_{31} T_1^{17} T_2^{21} - 27 c_{34} T_1^{17} T_2^{21} - 8 c_{46} T_1^{17} T_2^{21} - 27 c_{49} T_1^{17} T_2^{21} - 8 c_{61} T_1^{17} T_2^{21} - 27 c_{64} T_1^{17} T_2^{21} - \\
 & 262 c_{81} T_1^{17} T_2^{21} - 154 c_{82} T_1^{17} T_2^{21} - 165 c_{84} T_1^{17} T_2^{21} - 72 c_{85} T_1^{17} T_2^{21} + 528 a_2 b_3 T_1^{18} T_2^{21} - \\
 & 1268 a_4 b_3 T_1^{18} T_2^{21} - 548 a_2 b_5 T_1^{18} T_2^{21} + 1295 a_4 b_5 T_1^{18} T_2^{21} - 8 c_{16} T_1^{18} T_2^{21} - 77 c_{19} T_1^{18} T_2^{21} - \\
 & 8 c_{31} T_1^{18} T_2^{21} - 77 c_{34} T_1^{18} T_2^{21} - 8 c_{46} T_1^{18} T_2^{21} - 77 c_{49} T_1^{18} T_2^{21} - 8 c_{61} T_1^{18} T_2^{21} - 77 c_{64} T_1^{18} T_2^{21} + \\
 & 301 c_{81} T_1^{18} T_2^{21} + 216 c_{82} T_1^{18} T_2^{21} + 136 c_{84} T_1^{18} T_2^{21} + 96 c_{85} T_1^{18} T_2^{21} - 460 a_2 b_3 T_1^{19} T_2^{21} + \\
 & 1108 a_4 b_3 T_1^{19} T_2^{21} + 472 a_2 b_5 T_1^{19} T_2^{21} - 1122 a_4 b_5 T_1^{19} T_2^{21} + 32 c_{16} T_1^{19} T_2^{21} + 75 c_{19} T_1^{19} T_2^{21} + \\
 & 32 c_{31} T_1^{19} T_2^{21} + 75 c_{34} T_1^{19} T_2^{21} + 32 c_{46} T_1^{19} T_2^{21} + 75 c_{49} T_1^{19} T_2^{21} + 32 c_{61} T_1^{19} T_2^{21} + \\
 & 75 c_{64} T_1^{19} T_2^{21} - 245 c_{81} T_1^{19} T_2^{21} - 196 c_{82} T_1^{19} T_2^{21} - 109 c_{84} T_1^{19} T_2^{21} - 88 c_{85} T_1^{19} T_2^{21} + \\
 & 392 a_2 b_3 T_1^{20} T_2^{21} - 948 a_4 b_3 T_1^{20} T_2^{21} - 396 a_2 b_5 T_1^{20} T_2^{21} + 948 a_4 b_5 T_1^{20} T_2^{21} - 53 c_{16} T_1^{20} T_2^{21} - \\
 & 73 c_{19} T_1^{20} T_2^{21} - 53 c_{31} T_1^{20} T_2^{21} - 73 c_{34} T_1^{20} T_2^{21} - 53 c_{46} T_1^{20} T_2^{21} - 73 c_{49} T_1^{20} T_2^{21} - \\
 & 53 c_{61} T_1^{20} T_2^{21} - 73 c_{64} T_1^{20} T_2^{21} + 193 c_{81} T_1^{20} T_2^{21} + 176 c_{82} T_1^{20} T_2^{21} + 84 c_{84} T_1^{20} T_2^{21} + \\
 & 80 c_{85} T_1^{20} T_2^{21} - 324 a_2 b_3 T_1^{21} T_2^{21} + 790 a_4 b_3 T_1^{21} T_2^{21} + 322 a_2 b_5 T_1^{21} T_2^{21} - 778 a_4 b_5 T_1^{21} T_2^{21} + \\
 & 71 c_{16} T_1^{21} T_2^{21} + 71 c_{19} T_1^{21} T_2^{21} + 71 c_{31} T_1^{21} T_2^{21} + 71 c_{34} T_1^{21} T_2^{21} + 71 c_{46} T_1^{21} T_2^{21} + \\
 & 71 c_{49} T_1^{21} T_2^{21} + 71 c_{61} T_1^{21} T_2^{21} + 71 c_{64} T_1^{21} T_2^{21} - 156 c_{81} T_1^{21} T_2^{21} - 156 c_{82} T_1^{21} T_2^{21} - \\
 & 72 c_{84} T_1^{21} T_2^{21} - 72 c_{85} T_1^{21} T_2^{21} + 252 a_2 b_3 T_1^{22} T_2^{21} - 630 a_4 b_3 T_1^{22} T_2^{21} - 238 a_2 b_5 T_1^{22} T_2^{21} + \\
 & 602 a_4 b_5 T_1^{22} T_2^{21} - 66 c_{16} T_1^{22} T_2^{21} - 53 c_{19} T_1^{22} T_2^{21} - 66 c_{31} T_1^{22} T_2^{21} - 53 c_{34} T_1^{22} T_2^{21} - \\
 & 66 c_{46} T_1^{22} T_2^{21} - 53 c_{49} T_1^{22} T_2^{21} - 66 c_{61} T_1^{22} T_2^{21} - 53 c_{64} T_1^{22} T_2^{21} + 120 c_{81} T_1^{22} T_2^{21} + \\
 & 145 c_{82} T_1^{22} T_2^{21} + 48 c_{84} T_1^{22} T_2^{21} + 64 c_{85} T_1^{22} T_2^{21} - 182 a_2 b_3 T_1^{23} T_2^{21} + 461 a_4 b_3 T_1^{23} T_2^{21} + \\
 & 167 a_2 b_5 T_1^{23} T_2^{21} - 409 a_4 b_5 T_1^{23} T_2^{21} + 96 c_{16} T_1^{23} T_2^{21} + 65 c_{19} T_1^{23} T_2^{21} + 96 c_{31} T_1^{23} T_2^{21} + \\
 & 65 c_{34} T_1^{23} T_2^{21} + 96 c_{46} T_1^{23} T_2^{21} + 65 c_{49} T_1^{23} T_2^{21} + 96 c_{61} T_1^{23} T_2^{21} + 65 c_{64} T_1^{23} T_2^{21} - \\
 & 80 c_{81} T_1^{23} T_2^{21} - 117 c_{82} T_1^{23} T_2^{21} - 32 c_{84} T_1^{23} T_2^{21} - 49 c_{85} T_1^{23} T_2^{21} + 107 a_2 b_3 T_1^{24} T_2^{21} - \\
 & 299 a_4 b_3 T_1^{24} T_2^{21} - 72 a_2 b_5 T_1^{24} T_2^{21} + 248 a_4 b_5 T_1^{24} T_2^{21} - 83 c_{16} T_1^{24} T_2^{21} - 53 c_{19} T_1^{24} T_2^{21} - \\
 & 83 c_{31} T_1^{24} T_2^{21} - 53 c_{34} T_1^{24} T_2^{21} - 83 c_{46} T_1^{24} T_2^{21} - 53 c_{49} T_1^{24} T_2^{21} - 83 c_{61} T_1^{24} T_2^{21} - \\
 & 53 c_{64} T_1^{24} T_2^{21} + 52 c_{81} T_1^{24} T_2^{21} + 93 c_{82} T_1^{24} T_2^{21} + 20 c_{84} T_1^{24} T_2^{21} + 40 c_{85} T_1^{24} T_2^{21} - \\
 & 32 a_2 b_3 T_1^{25} T_2^{21} + 112 a_4 b_3 T_1^{25} T_2^{21} + 109 c_{16} T_1^{25} T_2^{21} + 59 c_{19} T_1^{25} T_2^{21} + 109 c_{31} T_1^{25} T_2^{21} + \\
 & 59 c_{34} T_1^{25} T_2^{21} + 109 c_{46} T_1^{25} T_2^{21} + 59 c_{49} T_1^{25} T_2^{21} + 109 c_{61} T_1^{25} T_2^{21} + 59 c_{64} T_1^{25} T_2^{21} - \\
 & 20 c_{81} T_1^{25} T_2^{21} - 89 c_{82} T_1^{25} T_2^{21} - 37 c_{85} T_1^{25} T_2^{21} - 88 c_{16} T_1^{26} T_2^{21} - 53 c_{19} T_1^{26} T_2^{21} - \\
 & 88 c_{31} T_1^{26} T_2^{21} - 53 c_{34} T_1^{26} T_2^{21} - 88 c_{46} T_1^{26} T_2^{21} - 53 c_{49} T_1^{26} T_2^{21} - 88 c_{61} T_1^{26} T_2^{21} - \\
 & 53 c_{64} T_1^{26} T_2^{21} + 41 c_{81} T_1^{26} T_2^{21} + 16 c_{85} T_1^{26} T_2^{21} + 4 a_4 b_5 T_1^3 T_2^{22} - 5 a_4 b_3 T_1^4 T_2^{22} - \\
 & 5 a_2 b_5 T_1^4 T_2^{22} - a_4 b_5 T_1^4 T_2^{22} - 9 c_{81} T_1^4 T_2^{22} - 9 c_{84} T_1^4 T_2^{22} + 6 a_2 b_3 T_1^5 T_2^{22} + 13 a_4 b_3 T_1^5 T_2^{22} - \\
 & 3 a_2 b_5 T_1^5 T_2^{22} - 8 a_4 b_5 T_1^5 T_2^{22} - 16 c_{19} T_1^5 T_2^{22} - 16 c_{34} T_1^5 T_2^{22} - 16 c_{49} T_1^5 T_2^{22} - 16 c_{64} T_1^5 T_2^{22} + \\
 & c_{81} T_1^5 T_2^{22} - 7 c_{82} T_1^5 T_2^{22} - 8 c_{84} T_1^5 T_2^{22} - 10 a_2 b_3 T_1^6 T_2^{22} - 9 a_4 b_3 T_1^6 T_2^{22} - 5 a_2 b_5 T_1^6 T_2^{22} - \\
 & 13 a_4 b_5 T_1^6 T_2^{22} + 2 c_{16} T_1^6 T_2^{22} + 2 c_{19} T_1^6 T_2^{22} + 2 c_{31} T_1^6 T_2^{22} + 2 c_{34} T_1^6 T_2^{22} + 2 c_{46} T_1^6 T_2^{22} + \\
 & 2 c_{49} T_1^6 T_2^{22} + 2 c_{61} T_1^6 T_2^{22} + 2 c_{64} T_1^6 T_2^{22} - c_{81} T_1^6 T_2^{22} + 3 c_{82} T_1^6 T_2^{22} - 9 c_{84} T_1^6 T_2^{22} - \\
 & 5 c_{85} T_1^6 T_2^{22} + 15 a_2 b_3 T_1^7 T_2^{22} + 19 a_4 b_3 T_1^7 T_2^{22} - 6 a_2 b_5 T_1^7 T_2^{22} - 26 a_4 b_5 T_1^7 T_2^{22} - \\
 & 12 c_{19} T_1^7 T_2^{22} - 12 c_{34} T_1^7 T_2^{22} - 12 c_{49} T_1^7 T_2^{22} - 12 c_{64} T_1^7 T_2^{22} - 7 c_{81} T_1^7 T_2^{22} + 5 c_{82} T_1^7 T_2^{22} - \\
 & 16 c_{84} T_1^7 T_2^{22} + 8 c_{85} T_1^7 T_2^{22} - 52 a_2 b_3 T_1^8 T_2^{22} + 30 a_4 b_3 T_1^8 T_2^{22} + 70 a_2 b_5 T_1^8 T_2^{22} - \\
 & 120 a_4 b_5 T_1^8 T_2^{22} + 4 c_{16} T_1^8 T_2^{22} + 4 c_{19} T_1^8 T_2^{22} + 4 c_{31} T_1^8 T_2^{22} + 4 c_{34} T_1^8 T_2^{22} + 4 c_{46} T_1^8 T_2^{22} + \\
 & 4 c_{49} T_1^8 T_2^{22} + 4 c_{61} T_1^8 T_2^{22} + 4 c_{64} T_1^8 T_2^{22} + 88 c_{81} T_1^8 T_2^{22} + 15 c_{82} T_1^8 T_2^{22} + 72 c_{84} T_1^8 T_2^{22} - \\
 & c_{85} T_1^8 T_2^{22} + 112 a_2 b_3 T_1^9 T_2^{22} - 162 a_4 b_3 T_1^9 T_2^{22} - 134 a_2 b_5 T_1^9 T_2^{22} + 266 a_4 b_5 T_1^9 T_2^{22} + \\
 & 42 c_{19} T_1^9 T_2^{22} + 42 c_{34} T_1^9 T_2^{22} + 42 c_{49} T_1^9 T_2^{22} + 42 c_{64} T_1^9 T_2^{22} - 121 c_{81} T_1^9 T_2^{22} - \\
 & 24 c_{82} T_1^9 T_2^{22} - 49 c_{84} T_1^9 T_2^{22} - 172 a_2 b_3 T_1^{10} T_2^{22} + 294 a_4 b_3 T_1^{10} T_2^{22} + 198 a_2 b_5 T_1^{10} T_2^{22} - \\
 & 412 a_4 b_5 T_1^{10} T_2^{22} - 3 c_{16} T_1^{10} T_2^{22} - 38 c_{19} T_1^{10} T_2^{22} - 3 c_{31} T_1^{10} T_2^{22} - 38 c_{34} T_1^{10} T_2^{22} - \\
 & 3 c_{46} T_1^{10} T_2^{22} - 38 c_{49} T_1^{10} T_2^{22} - 3 c_{61} T_1^{10} T_2^{22} - 38 c_{64} T_1^{10} T_2^{22} + 77 c_{81} T_1^{10} T_2^{22} + \\
 & 8 c_{82} T_1^{10} T_2^{22} + 28 c_{84} T_1^{10} T_2^{22} - 8 c_{85} T_1^{10} T_2^{22} + 232 a_2 b_3 T_1^{11} T_2^{22} - 426 a_4 b_3 T_1^{11} T_2^{22} - \\
 & 262 a_2 b_5 T_1^{11} T_2^{22} + 558 a_4 b_5 T_1^{11} T_2^{22} + 5 c_{16} T_1^{11} T_2^{22} + 34 c_{19} T_1^{11} T_2^{22} + 5 c_{31} T_1^{11} T_2^{22} + \\
 & 34 c_{34} T_1^{11} T_2^{22} + 5 c_{46} T_1^{11} T_2^{22} + 34 c_{49} T_1^{11} T_2^{22} + 5 c_{61} T_1^{11} T_2^{22} + 34 c_{64} T_1^{11} T_2^{22} - 37 c_{81} T_1^{11} T_2^{22} + \\
 & 8 c_{82} T_1^{11} T_2^{22} - 9 c_{84} T_1^{11} T_2^{22} + 16 c_{85} T_1^{11} T_2^{22} - 292 a_2 b_3 T_1^{12} T_2^{22} + 558 a_4 b_3 T_1^{12} T_2^{22} + \\
 & 326 a_2 b_5 T_1^{12} T_2^{22} - 698 a_4 b_5 T_1^{12} T_2^{22} - 6 c_{16} T_1^{12} T_2^{22} - 30 c_{19} T_1^{12} T_2^{22} - 6 c_{31} T_1^{12} T_2^{22} -
 \end{aligned}$$

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$$\begin{aligned}
 & 30 c_{34} T_1^{12} T_2^{22} - 6 c_{46} T_1^{12} T_2^{22} - 30 c_{49} T_1^{12} T_2^{22} - 6 c_{61} T_1^{12} T_2^{22} - 30 c_{64} T_1^{12} T_2^{22} + c_{81} T_1^{12} T_2^{22} - \\
 & 24 c_{82} T_1^{12} T_2^{22} - 8 c_{84} T_1^{12} T_2^{22} - 24 c_{85} T_1^{12} T_2^{22} + 352 a_2 b_3 T_1^{13} T_2^{22} - 699 a_4 b_3 T_1^{13} T_2^{22} - \\
 & 399 a_2 b_5 T_1^{13} T_2^{22} + 853 a_4 b_5 T_1^{13} T_2^{22} + 6 c_{16} T_1^{13} T_2^{22} + 26 c_{19} T_1^{13} T_2^{22} + 6 c_{31} T_1^{13} T_2^{22} + \\
 & 26 c_{34} T_1^{13} T_2^{22} + 6 c_{46} T_1^{13} T_2^{22} + 26 c_{49} T_1^{13} T_2^{22} + 6 c_{61} T_1^{13} T_2^{22} + 26 c_{64} T_1^{13} T_2^{22} + 31 c_{81} T_1^{13} T_2^{22} + \\
 & 40 c_{82} T_1^{13} T_2^{22} + 23 c_{84} T_1^{13} T_2^{22} + 32 c_{85} T_1^{13} T_2^{22} - 401 a_2 b_3 T_1^{14} T_2^{22} + 845 a_4 b_3 T_1^{14} T_2^{22} + \\
 & 448 a_2 b_5 T_1^{14} T_2^{22} - 1017 a_4 b_5 T_1^{14} T_2^{22} - 7 c_{16} T_1^{14} T_2^{22} - 54 c_{19} T_1^{14} T_2^{22} - 7 c_{31} T_1^{14} T_2^{22} - \\
 & 54 c_{34} T_1^{14} T_2^{22} - 7 c_{46} T_1^{14} T_2^{22} - 54 c_{49} T_1^{14} T_2^{22} - 7 c_{61} T_1^{14} T_2^{22} - 54 c_{64} T_1^{14} T_2^{22} - 75 c_{81} T_1^{14} T_2^{22} - \\
 & 70 c_{82} T_1^{14} T_2^{22} - 52 c_{84} T_1^{14} T_2^{22} - 40 c_{85} T_1^{14} T_2^{22} + 456 a_2 b_3 T_1^{15} T_2^{22} - 973 a_4 b_3 T_1^{15} T_2^{22} - \\
 & 533 a_2 b_5 T_1^{15} T_2^{22} + 1135 a_4 b_5 T_1^{15} T_2^{22} + 7 c_{16} T_1^{15} T_2^{22} + 22 c_{19} T_1^{15} T_2^{22} + 7 c_{31} T_1^{15} T_2^{22} + \\
 & 22 c_{34} T_1^{15} T_2^{22} + 7 c_{46} T_1^{15} T_2^{22} + 22 c_{49} T_1^{15} T_2^{22} + 7 c_{61} T_1^{15} T_2^{22} + 22 c_{64} T_1^{15} T_2^{22} + 99 c_{81} T_1^{15} T_2^{22} + \\
 & 78 c_{82} T_1^{15} T_2^{22} + 47 c_{84} T_1^{15} T_2^{22} + 38 c_{85} T_1^{15} T_2^{22} - 509 a_2 b_3 T_1^{16} T_2^{22} + 1135 a_4 b_3 T_1^{16} T_2^{22} + \\
 & 578 a_2 b_5 T_1^{16} T_2^{22} - 1374 a_4 b_5 T_1^{16} T_2^{22} - 6 c_{16} T_1^{16} T_2^{22} - 38 c_{19} T_1^{16} T_2^{22} - 6 c_{31} T_1^{16} T_2^{22} - \\
 & 38 c_{34} T_1^{16} T_2^{22} - 6 c_{46} T_1^{16} T_2^{22} - 38 c_{49} T_1^{16} T_2^{22} - 6 c_{61} T_1^{16} T_2^{22} - 38 c_{64} T_1^{16} T_2^{22} - \\
 & 135 c_{81} T_1^{16} T_2^{22} - 78 c_{82} T_1^{16} T_2^{22} - 88 c_{84} T_1^{16} T_2^{22} - 40 c_{85} T_1^{16} T_2^{22} + 496 a_2 b_3 T_1^{17} T_2^{22} - \\
 & 1174 a_4 b_3 T_1^{17} T_2^{22} - 514 a_2 b_5 T_1^{17} T_2^{22} + 1228 a_4 b_5 T_1^{17} T_2^{22} + 4 c_{16} T_1^{17} T_2^{22} + 18 c_{19} T_1^{17} T_2^{22} + \\
 & 4 c_{31} T_1^{17} T_2^{22} + 18 c_{34} T_1^{17} T_2^{22} + 4 c_{46} T_1^{17} T_2^{22} + 18 c_{49} T_1^{17} T_2^{22} + 4 c_{61} T_1^{17} T_2^{22} + 18 c_{64} T_1^{17} T_2^{22} + \\
 & 232 c_{81} T_1^{17} T_2^{22} + 134 c_{82} T_1^{17} T_2^{22} + 144 c_{84} T_1^{17} T_2^{22} + 62 c_{85} T_1^{17} T_2^{22} - 436 a_2 b_3 T_1^{18} T_2^{22} + \\
 & 1042 a_4 b_3 T_1^{18} T_2^{22} + 450 a_2 b_5 T_1^{18} T_2^{22} - 1082 a_4 b_5 T_1^{18} T_2^{22} + 8 c_{16} T_1^{18} T_2^{22} + 78 c_{19} T_1^{18} T_2^{22} + \\
 & 8 c_{31} T_1^{18} T_2^{22} + 78 c_{34} T_1^{18} T_2^{22} + 8 c_{46} T_1^{18} T_2^{22} + 78 c_{49} T_1^{18} T_2^{22} + 8 c_{61} T_1^{18} T_2^{22} + 78 c_{64} T_1^{18} T_2^{22} - \\
 & 265 c_{81} T_1^{18} T_2^{22} - 168 c_{82} T_1^{18} T_2^{22} - 121 c_{84} T_1^{18} T_2^{22} - 72 c_{85} T_1^{18} T_2^{22} + 376 a_2 b_3 T_1^{19} T_2^{22} - \\
 & 910 a_4 b_3 T_1^{19} T_2^{22} - 386 a_2 b_5 T_1^{19} T_2^{22} + 936 a_4 b_5 T_1^{19} T_2^{22} - 26 c_{16} T_1^{19} T_2^{22} - 74 c_{19} T_1^{19} T_2^{22} - \\
 & 26 c_{31} T_1^{19} T_2^{22} - 74 c_{34} T_1^{19} T_2^{22} - 26 c_{46} T_1^{19} T_2^{22} - 74 c_{49} T_1^{19} T_2^{22} - 26 c_{61} T_1^{19} T_2^{22} - \\
 & 74 c_{64} T_1^{19} T_2^{22} + 221 c_{81} T_1^{19} T_2^{22} + 152 c_{82} T_1^{19} T_2^{22} + 100 c_{84} T_1^{19} T_2^{22} + 64 c_{85} T_1^{19} T_2^{22} - \\
 & 316 a_2 b_3 T_1^{20} T_2^{22} + 778 a_4 b_3 T_1^{20} T_2^{22} + 322 a_2 b_5 T_1^{20} T_2^{22} - 790 a_4 b_5 T_1^{20} T_2^{22} + 41 c_{16} T_1^{20} T_2^{22} + \\
 & 70 c_{19} T_1^{20} T_2^{22} + 41 c_{31} T_1^{20} T_2^{22} + 70 c_{34} T_1^{20} T_2^{22} + 41 c_{46} T_1^{20} T_2^{22} + 70 c_{49} T_1^{20} T_2^{22} + \\
 & 41 c_{61} T_1^{20} T_2^{22} + 70 c_{64} T_1^{20} T_2^{22} - 181 c_{81} T_1^{20} T_2^{22} - 136 c_{82} T_1^{20} T_2^{22} - 81 c_{84} T_1^{20} T_2^{22} - \\
 & 56 c_{85} T_1^{20} T_2^{22} + 256 a_2 b_3 T_1^{21} T_2^{22} - 646 a_4 b_3 T_1^{21} T_2^{22} - 258 a_2 b_5 T_1^{21} T_2^{22} + 646 a_4 b_5 T_1^{21} T_2^{22} - \\
 & 53 c_{16} T_1^{21} T_2^{22} - 66 c_{19} T_1^{21} T_2^{22} - 53 c_{31} T_1^{21} T_2^{22} - 66 c_{34} T_1^{21} T_2^{22} - 53 c_{46} T_1^{21} T_2^{22} - \\
 & 66 c_{49} T_1^{21} T_2^{22} - 53 c_{61} T_1^{21} T_2^{22} - 66 c_{64} T_1^{21} T_2^{22} + 145 c_{81} T_1^{21} T_2^{22} + 120 c_{82} T_1^{21} T_2^{22} + \\
 & 64 c_{84} T_1^{21} T_2^{22} + 48 c_{85} T_1^{21} T_2^{22} - 196 a_2 b_3 T_1^{22} T_2^{22} + 510 a_4 b_3 T_1^{22} T_2^{22} + 190 a_2 b_5 T_1^{22} T_2^{22} - \\
 & 494 a_4 b_5 T_1^{22} T_2^{22} + 62 c_{16} T_1^{22} T_2^{22} + 62 c_{19} T_1^{22} T_2^{22} + 62 c_{31} T_1^{22} T_2^{22} + 62 c_{34} T_1^{22} T_2^{22} + \\
 & 62 c_{46} T_1^{22} T_2^{22} + 62 c_{49} T_1^{22} T_2^{22} + 62 c_{61} T_1^{22} T_2^{22} + 62 c_{64} T_1^{22} T_2^{22} - 104 c_{81} T_1^{22} T_2^{22} - \\
 & 104 c_{82} T_1^{22} T_2^{22} - 40 c_{84} T_1^{22} T_2^{22} - 40 c_{85} T_1^{22} T_2^{22} + 141 a_2 b_3 T_1^{23} T_2^{22} - 372 a_4 b_3 T_1^{23} T_2^{22} - \\
 & 133 a_2 b_5 T_1^{23} T_2^{22} + 339 a_4 b_5 T_1^{23} T_2^{22} - 88 c_{16} T_1^{23} T_2^{22} - 74 c_{19} T_1^{23} T_2^{22} - 88 c_{31} T_1^{23} T_2^{22} - \\
 & 74 c_{34} T_1^{23} T_2^{22} - 88 c_{46} T_1^{23} T_2^{22} - 74 c_{49} T_1^{23} T_2^{22} - 88 c_{61} T_1^{23} T_2^{22} - 74 c_{64} T_1^{23} T_2^{22} + 68 c_{81} T_1^{23} T_2^{22} + \\
 & 81 c_{82} T_1^{23} T_2^{22} + 28 c_{84} T_1^{23} T_2^{22} + 32 c_{85} T_1^{23} T_2^{22} - 82 a_2 b_3 T_1^{24} T_2^{22} + 240 a_4 b_3 T_1^{24} T_2^{22} + \\
 & 56 a_2 b_5 T_1^{24} T_2^{22} - 200 a_4 b_5 T_1^{24} T_2^{22} + 73 c_{16} T_1^{24} T_2^{22} + 56 c_{19} T_1^{24} T_2^{22} + 73 c_{31} T_1^{24} T_2^{22} + \\
 & 56 c_{34} T_1^{24} T_2^{22} + 73 c_{46} T_1^{24} T_2^{22} + 56 c_{49} T_1^{24} T_2^{22} + 73 c_{61} T_1^{24} T_2^{22} + 56 c_{64} T_1^{24} T_2^{22} - \\
 & 44 c_{81} T_1^{24} T_2^{22} - 69 c_{82} T_1^{24} T_2^{22} - 16 c_{84} T_1^{24} T_2^{22} - 29 c_{85} T_1^{24} T_2^{22} + 24 a_2 b_3 T_1^{25} T_2^{22} - \\
 & 88 a_4 b_3 T_1^{25} T_2^{22} - 95 c_{16} T_1^{25} T_2^{22} - 62 c_{19} T_1^{25} T_2^{22} - 95 c_{31} T_1^{25} T_2^{22} - 62 c_{34} T_1^{25} T_2^{22} - \\
 & 95 c_{46} T_1^{25} T_2^{22} - 62 c_{49} T_1^{25} T_2^{22} - 95 c_{61} T_1^{25} T_2^{22} - 62 c_{64} T_1^{25} T_2^{22} + 16 c_{81} T_1^{25} T_2^{22} + \\
 & 61 c_{82} T_1^{25} T_2^{22} + 24 c_{85} T_1^{25} T_2^{22} + 72 c_{16} T_1^{26} T_2^{22} + 50 c_{19} T_1^{26} T_2^{22} + 72 c_{31} T_1^{26} T_2^{22} + \\
 & 50 c_{34} T_1^{26} T_2^{22} + 72 c_{46} T_1^{26} T_2^{22} + 50 c_{49} T_1^{26} T_2^{22} + 72 c_{61} T_1^{26} T_2^{22} + 50 c_{64} T_1^{26} T_2^{22} - \\
 & 25 c_{82} T_1^{26} T_2^{22} - 9 c_{85} T_1^{26} T_2^{22} - 5 a_4 b_5 T_1^4 T_2^{23} + 6 a_4 b_3 T_1^5 T_2^{23} + 6 a_2 b_5 T_1^5 T_2^{23} + 2 a_4 b_5 T_1^5 T_2^{23} + \\
 & 11 c_{81} T_1^5 T_2^{23} + 11 c_{84} T_1^5 T_2^{23} - 7 a_2 b_3 T_1^6 T_2^{23} - 16 a_4 b_3 T_1^6 T_2^{23} + 3 a_2 b_5 T_1^6 T_2^{23} + 9 a_4 b_5 T_1^6 T_2^{23} + \\
 & 16 c_{19} T_1^6 T_2^{23} + 16 c_{34} T_1^6 T_2^{23} + 16 c_{49} T_1^6 T_2^{23} + 16 c_{64} T_1^6 T_2^{23} - 3 c_{81} T_1^6 T_2^{23} + 5 c_{82} T_1^6 T_2^{23} + \\
 & 8 c_{84} T_1^6 T_2^{23} + 12 a_2 b_3 T_1^7 T_2^{23} + 12 a_4 b_3 T_1^7 T_2^{23} + 6 a_2 b_5 T_1^7 T_2^{23} + 16 a_4 b_5 T_1^7 T_2^{23} - \\
 & 2 c_{16} T_1^7 T_2^{23} - 2 c_{19} T_1^7 T_2^{23} - 2 c_{31} T_1^7 T_2^{23} - 2 c_{34} T_1^7 T_2^{23} - 2 c_{46} T_1^7 T_2^{23} - 2 c_{49} T_1^7 T_2^{23} - \\
 & 2 c_{61} T_1^7 T_2^{23} - 2 c_{64} T_1^7 T_2^{23} + 3 c_{81} T_1^7 T_2^{23} - 5 c_{82} T_1^7 T_2^{23} + 11 c_{84} T_1^7 T_2^{23} + 3 c_{85} T_1^7 T_2^{23} + \\
 & 8 a_2 b_3 T_1^8 T_2^{23} - 58 a_4 b_3 T_1^8 T_2^{23} - 54 a_2 b_5 T_1^8 T_2^{23} + 104 a_4 b_5 T_1^8 T_2^{23} + 12 c_{19} T_1^8 T_2^{23} +
 \end{aligned}$$

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$$\begin{aligned}
 &12 c_{34} T_1^8 T_2^{23} + 12 c_{49} T_1^8 T_2^{23} + 12 c_{64} T_1^8 T_2^{23} - 58 c_{81} T_1^8 T_2^{23} - 7 c_{82} T_1^8 T_2^{23} - 47 c_{84} T_1^8 T_2^{23} - \\
 &8 c_{85} T_1^8 T_2^{23} - 44 a_2 b_3 T_1^9 T_2^{23} + 166 a_4 b_3 T_1^9 T_2^{23} + 102 a_2 b_5 T_1^9 T_2^{23} - 224 a_4 b_5 T_1^9 T_2^{23} - \\
 &4 c_{16} T_1^9 T_2^{23} - 48 c_{19} T_1^9 T_2^{23} - 4 c_{31} T_1^9 T_2^{23} - 48 c_{34} T_1^9 T_2^{23} - 4 c_{46} T_1^9 T_2^{23} - 48 c_{49} T_1^9 T_2^{23} - \\
 &4 c_{61} T_1^9 T_2^{23} - 48 c_{64} T_1^9 T_2^{23} + 69 c_{81} T_1^9 T_2^{23} + 8 c_{82} T_1^9 T_2^{23} + 22 c_{84} T_1^9 T_2^{23} + 8 c_{85} T_1^9 T_2^{23} + \\
 &80 a_2 b_3 T_1^{10} T_2^{23} - 274 a_4 b_3 T_1^{10} T_2^{23} - 150 a_2 b_5 T_1^{10} T_2^{23} + 344 a_4 b_5 T_1^{10} T_2^{23} + 7 c_{16} T_1^{10} T_2^{23} + \\
 &40 c_{19} T_1^{10} T_2^{23} + 7 c_{31} T_1^{10} T_2^{23} + 40 c_{34} T_1^{10} T_2^{23} + 7 c_{46} T_1^{10} T_2^{23} + 40 c_{49} T_1^{10} T_2^{23} + 7 c_{61} T_1^{10} T_2^{23} + \\
 &40 c_{64} T_1^{10} T_2^{23} - 21 c_{81} T_1^{10} T_2^{23} + 4 c_{82} T_1^{10} T_2^{23} + c_{84} T_1^{10} T_2^{23} - 4 c_{85} T_1^{10} T_2^{23} - 116 a_2 b_3 T_1^{11} T_2^{23} + \\
 &382 a_4 b_3 T_1^{11} T_2^{23} + 198 a_2 b_5 T_1^{11} T_2^{23} - 464 a_4 b_5 T_1^{11} T_2^{23} - 9 c_{16} T_1^{11} T_2^{23} - 32 c_{19} T_1^{11} T_2^{23} - \\
 &9 c_{31} T_1^{11} T_2^{23} - 32 c_{34} T_1^{11} T_2^{23} - 9 c_{46} T_1^{11} T_2^{23} - 32 c_{49} T_1^{11} T_2^{23} - 9 c_{61} T_1^{11} T_2^{23} - 32 c_{64} T_1^{11} T_2^{23} - \\
 &23 c_{81} T_1^{11} T_2^{23} - 16 c_{82} T_1^{11} T_2^{23} - 22 c_{84} T_1^{11} T_2^{23} + 152 a_2 b_3 T_1^{12} T_2^{23} - 490 a_4 b_3 T_1^{12} T_2^{23} - \\
 &246 a_2 b_5 T_1^{12} T_2^{23} + 584 a_4 b_5 T_1^{12} T_2^{23} + 10 c_{16} T_1^{12} T_2^{23} + 24 c_{19} T_1^{12} T_2^{23} + 10 c_{31} T_1^{12} T_2^{23} + \\
 &24 c_{34} T_1^{12} T_2^{23} + 10 c_{46} T_1^{12} T_2^{23} + 24 c_{49} T_1^{12} T_2^{23} + 10 c_{61} T_1^{12} T_2^{23} + 24 c_{64} T_1^{12} T_2^{23} + 63 c_{81} T_1^{12} T_2^{23} + \\
 &28 c_{82} T_1^{12} T_2^{23} + 41 c_{84} T_1^{12} T_2^{23} + 4 c_{85} T_1^{12} T_2^{23} - 188 a_2 b_3 T_1^{13} T_2^{23} + 598 a_4 b_3 T_1^{13} T_2^{23} + \\
 &294 a_2 b_5 T_1^{13} T_2^{23} - 713 a_4 b_5 T_1^{13} T_2^{23} - 10 c_{16} T_1^{13} T_2^{23} - 16 c_{19} T_1^{13} T_2^{23} - 10 c_{31} T_1^{13} T_2^{23} - \\
 &16 c_{34} T_1^{13} T_2^{23} - 10 c_{46} T_1^{13} T_2^{23} - 16 c_{49} T_1^{13} T_2^{23} - 10 c_{61} T_1^{13} T_2^{23} - 16 c_{64} T_1^{13} T_2^{23} - \\
 &99 c_{81} T_1^{13} T_2^{23} - 40 c_{82} T_1^{13} T_2^{23} - 58 c_{84} T_1^{13} T_2^{23} - 8 c_{85} T_1^{13} T_2^{23} + 224 a_2 b_3 T_1^{14} T_2^{23} - \\
 &695 a_4 b_3 T_1^{14} T_2^{23} - 331 a_2 b_5 T_1^{14} T_2^{23} + 827 a_4 b_5 T_1^{14} T_2^{23} + 9 c_{16} T_1^{14} T_2^{23} + 8 c_{19} T_1^{14} T_2^{23} + \\
 &9 c_{31} T_1^{14} T_2^{23} + 8 c_{34} T_1^{14} T_2^{23} + 9 c_{46} T_1^{14} T_2^{23} + 8 c_{49} T_1^{14} T_2^{23} + 9 c_{61} T_1^{14} T_2^{23} + 8 c_{64} T_1^{14} T_2^{23} + \\
 &135 c_{81} T_1^{14} T_2^{23} + 52 c_{82} T_1^{14} T_2^{23} + 77 c_{84} T_1^{14} T_2^{23} + 12 c_{85} T_1^{14} T_2^{23} - 274 a_2 b_3 T_1^{15} T_2^{23} + \\
 &787 a_4 b_3 T_1^{15} T_2^{23} + 399 a_2 b_5 T_1^{15} T_2^{23} - 933 a_4 b_5 T_1^{15} T_2^{23} - 5 c_{16} T_1^{15} T_2^{23} + 32 c_{19} T_1^{15} T_2^{23} - \\
 &5 c_{31} T_1^{15} T_2^{23} + 32 c_{34} T_1^{15} T_2^{23} - 5 c_{46} T_1^{15} T_2^{23} + 32 c_{49} T_1^{15} T_2^{23} - 5 c_{61} T_1^{15} T_2^{23} + 32 c_{64} T_1^{15} T_2^{23} - \\
 &147 c_{81} T_1^{15} T_2^{23} - 54 c_{82} T_1^{15} T_2^{23} - 70 c_{84} T_1^{15} T_2^{23} - 16 c_{85} T_1^{15} T_2^{23} + 320 a_2 b_3 T_1^{16} T_2^{23} - \\
 &908 a_4 b_3 T_1^{16} T_2^{23} - 430 a_2 b_5 T_1^{16} T_2^{23} + 1110 a_4 b_5 T_1^{16} T_2^{23} - 12 c_{19} T_1^{16} T_2^{23} - 12 c_{34} T_1^{16} T_2^{23} - \\
 &12 c_{49} T_1^{16} T_2^{23} - 12 c_{64} T_1^{16} T_2^{23} + 171 c_{81} T_1^{16} T_2^{23} + 66 c_{82} T_1^{16} T_2^{23} + 101 c_{84} T_1^{16} T_2^{23} + \\
 &26 c_{85} T_1^{16} T_2^{23} - 316 a_2 b_3 T_1^{17} T_2^{23} + 926 a_4 b_3 T_1^{17} T_2^{23} + 382 a_2 b_5 T_1^{17} T_2^{23} - 990 a_4 b_5 T_1^{17} T_2^{23} + \\
 &6 c_{16} T_1^{17} T_2^{23} + 40 c_{19} T_1^{17} T_2^{23} + 6 c_{31} T_1^{17} T_2^{23} + 40 c_{34} T_1^{17} T_2^{23} + 6 c_{46} T_1^{17} T_2^{23} + 40 c_{49} T_1^{17} T_2^{23} + \\
 &6 c_{61} T_1^{17} T_2^{23} + 40 c_{64} T_1^{17} T_2^{23} - 238 c_{81} T_1^{17} T_2^{23} - 102 c_{82} T_1^{17} T_2^{23} - 137 c_{84} T_1^{17} T_2^{23} - \\
 &40 c_{85} T_1^{17} T_2^{23} + 280 a_2 b_3 T_1^{18} T_2^{23} - 818 a_4 b_3 T_1^{18} T_2^{23} - 334 a_2 b_5 T_1^{18} T_2^{23} + 870 a_4 b_5 T_1^{18} T_2^{23} - \\
 &20 c_{16} T_1^{18} T_2^{23} - 120 c_{19} T_1^{18} T_2^{23} - 20 c_{31} T_1^{18} T_2^{23} - 120 c_{34} T_1^{18} T_2^{23} - 20 c_{46} T_1^{18} T_2^{23} - \\
 &120 c_{49} T_1^{18} T_2^{23} - 20 c_{61} T_1^{18} T_2^{23} - 120 c_{64} T_1^{18} T_2^{23} + 249 c_{81} T_1^{18} T_2^{23} + 116 c_{82} T_1^{18} T_2^{23} + \\
 &112 c_{84} T_1^{18} T_2^{23} + 44 c_{85} T_1^{18} T_2^{23} - 244 a_2 b_3 T_1^{19} T_2^{23} + 710 a_4 b_3 T_1^{19} T_2^{23} + 286 a_2 b_5 T_1^{19} T_2^{23} - \\
 &750 a_4 b_5 T_1^{19} T_2^{23} + 38 c_{16} T_1^{19} T_2^{23} + 112 c_{19} T_1^{19} T_2^{23} + 38 c_{31} T_1^{19} T_2^{23} + 112 c_{34} T_1^{19} T_2^{23} + \\
 &38 c_{46} T_1^{19} T_2^{23} + 112 c_{49} T_1^{19} T_2^{23} + 38 c_{61} T_1^{19} T_2^{23} + 112 c_{64} T_1^{19} T_2^{23} - 201 c_{81} T_1^{19} T_2^{23} - \\
 &104 c_{82} T_1^{19} T_2^{23} - 89 c_{84} T_1^{19} T_2^{23} - 40 c_{85} T_1^{19} T_2^{23} + 208 a_2 b_3 T_1^{20} T_2^{23} - 602 a_4 b_3 T_1^{20} T_2^{23} - \\
 &238 a_2 b_5 T_1^{20} T_2^{23} + 630 a_4 b_5 T_1^{20} T_2^{23} - 53 c_{16} T_1^{20} T_2^{23} - 104 c_{19} T_1^{20} T_2^{23} - 53 c_{31} T_1^{20} T_2^{23} - \\
 &104 c_{34} T_1^{20} T_2^{23} - 53 c_{46} T_1^{20} T_2^{23} - 104 c_{49} T_1^{20} T_2^{23} - 53 c_{61} T_1^{20} T_2^{23} - 104 c_{64} T_1^{20} T_2^{23} + \\
 &157 c_{81} T_1^{20} T_2^{23} + 92 c_{82} T_1^{20} T_2^{23} + 68 c_{84} T_1^{20} T_2^{23} + 36 c_{85} T_1^{20} T_2^{23} - 172 a_2 b_3 T_1^{21} T_2^{23} + \\
 &494 a_4 b_3 T_1^{21} T_2^{23} + 190 a_2 b_5 T_1^{21} T_2^{23} - 510 a_4 b_5 T_1^{21} T_2^{23} + 65 c_{16} T_1^{21} T_2^{23} + 96 c_{19} T_1^{21} T_2^{23} + \\
 &65 c_{31} T_1^{21} T_2^{23} + 96 c_{34} T_1^{21} T_2^{23} + 65 c_{46} T_1^{21} T_2^{23} + 96 c_{49} T_1^{21} T_2^{23} + 65 c_{61} T_1^{21} T_2^{23} + \\
 &96 c_{64} T_1^{21} T_2^{23} - 117 c_{81} T_1^{21} T_2^{23} - 80 c_{82} T_1^{21} T_2^{23} - 49 c_{84} T_1^{21} T_2^{23} - 32 c_{85} T_1^{21} T_2^{23} + \\
 &136 a_2 b_3 T_1^{22} T_2^{23} - 386 a_4 b_3 T_1^{22} T_2^{23} - 142 a_2 b_5 T_1^{22} T_2^{23} + 386 a_4 b_5 T_1^{22} T_2^{23} - 74 c_{16} T_1^{22} T_2^{23} - \\
 &88 c_{19} T_1^{22} T_2^{23} - 74 c_{31} T_1^{22} T_2^{23} - 88 c_{34} T_1^{22} T_2^{23} - 74 c_{46} T_1^{22} T_2^{23} - 88 c_{49} T_1^{22} T_2^{23} - \\
 &74 c_{61} T_1^{22} T_2^{23} - 88 c_{64} T_1^{22} T_2^{23} + 81 c_{81} T_1^{22} T_2^{23} + 68 c_{82} T_1^{22} T_2^{23} + 32 c_{84} T_1^{22} T_2^{23} + \\
 &28 c_{85} T_1^{22} T_2^{23} - 100 a_2 b_3 T_1^{23} T_2^{23} + 283 a_4 b_3 T_1^{23} T_2^{23} + 99 a_2 b_5 T_1^{23} T_2^{23} - 269 a_4 b_5 T_1^{23} T_2^{23} + \\
 &80 c_{16} T_1^{23} T_2^{23} + 80 c_{19} T_1^{23} T_2^{23} + 80 c_{31} T_1^{23} T_2^{23} + 80 c_{34} T_1^{23} T_2^{23} + 80 c_{46} T_1^{23} T_2^{23} + \\
 &80 c_{49} T_1^{23} T_2^{23} + 80 c_{61} T_1^{23} T_2^{23} + 80 c_{64} T_1^{23} T_2^{23} - 56 c_{81} T_1^{23} T_2^{23} - 56 c_{82} T_1^{23} T_2^{23} - \\
 &24 c_{84} T_1^{23} T_2^{23} - 24 c_{85} T_1^{23} T_2^{23} + 57 a_2 b_3 T_1^{24} T_2^{23} - 181 a_4 b_3 T_1^{24} T_2^{23} - 40 a_2 b_5 T_1^{24} T_2^{23} + \\
 &152 a_4 b_5 T_1^{24} T_2^{23} - 63 c_{16} T_1^{24} T_2^{23} - 56 c_{19} T_1^{24} T_2^{23} - 63 c_{31} T_1^{24} T_2^{23} - 56 c_{34} T_1^{24} T_2^{23} - \\
 &63 c_{46} T_1^{24} T_2^{23} - 56 c_{49} T_1^{24} T_2^{23} - 63 c_{61} T_1^{24} T_2^{23} - 56 c_{64} T_1^{24} T_2^{23} + 36 c_{81} T_1^{24} T_2^{23} + \\
 &49 c_{82} T_1^{24} T_2^{23} + 12 c_{84} T_1^{24} T_2^{23} + 20 c_{85} T_1^{24} T_2^{23} - 16 a_2 b_3 T_1^{25} T_2^{23} + 64 a_4 b_3 T_1^{25} T_2^{23} +
 \end{aligned}$$

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$$\begin{aligned}
 & 81 c_{16} T_1^{25} T_2^{23} + 62 c_{19} T_1^{25} T_2^{23} + 81 c_{31} T_1^{25} T_2^{23} + 62 c_{34} T_1^{25} T_2^{23} + 81 c_{46} T_1^{25} T_2^{23} + \\
 & 62 c_{49} T_1^{25} T_2^{23} + 81 c_{61} T_1^{25} T_2^{23} + 62 c_{64} T_1^{25} T_2^{23} - 12 c_{81} T_1^{25} T_2^{23} - 37 c_{82} T_1^{25} T_2^{23} - \\
 & 13 c_{85} T_1^{25} T_2^{23} - 56 c_{16} T_1^{26} T_2^{23} - 44 c_{19} T_1^{26} T_2^{23} - 56 c_{31} T_1^{26} T_2^{23} - 44 c_{34} T_1^{26} T_2^{23} - \\
 & 56 c_{46} T_1^{26} T_2^{23} - 44 c_{49} T_1^{26} T_2^{23} - 56 c_{61} T_1^{26} T_2^{23} - 44 c_{64} T_1^{26} T_2^{23} + 13 c_{82} T_1^{26} T_2^{23} + \\
 & 4 c_{85} T_1^{26} T_2^{23} + 6 a_4 b_5 T_1^5 T_2^{24} - 7 a_4 b_3 T_1^6 T_2^{24} - 7 a_2 b_5 T_1^6 T_2^{24} - 3 a_4 b_5 T_1^6 T_2^{24} - 13 c_{81} T_1^6 T_2^{24} - \\
 & 13 c_{84} T_1^6 T_2^{24} + 8 a_2 b_3 T_1^7 T_2^{24} + 19 a_4 b_3 T_1^7 T_2^{24} - 3 a_2 b_5 T_1^7 T_2^{24} - 10 a_4 b_5 T_1^7 T_2^{24} - \\
 & 16 c_{19} T_1^7 T_2^{24} - 16 c_{34} T_1^7 T_2^{24} - 16 c_{49} T_1^7 T_2^{24} - 16 c_{64} T_1^7 T_2^{24} + 5 c_{81} T_1^7 T_2^{24} - 3 c_{82} T_1^7 T_2^{24} - \\
 & 8 c_{84} T_1^7 T_2^{24} - 32 a_2 b_3 T_1^8 T_2^{24} + 11 a_4 b_3 T_1^8 T_2^{24} + 37 a_2 b_5 T_1^8 T_2^{24} - 79 a_4 b_5 T_1^8 T_2^{24} + \\
 & 2 c_{16} T_1^8 T_2^{24} + 2 c_{19} T_1^8 T_2^{24} + 2 c_{31} T_1^8 T_2^{24} + 2 c_{34} T_1^8 T_2^{24} + 2 c_{46} T_1^8 T_2^{24} + 2 c_{49} T_1^8 T_2^{24} + \\
 & 2 c_{61} T_1^8 T_2^{24} + 2 c_{64} T_1^8 T_2^{24} + 40 c_{81} T_1^8 T_2^{24} + 7 c_{82} T_1^8 T_2^{24} + 32 c_{84} T_1^8 T_2^{24} - c_{85} T_1^8 T_2^{24} + \\
 & 64 a_2 b_3 T_1^9 T_2^{24} - 81 a_4 b_3 T_1^9 T_2^{24} - 71 a_2 b_5 T_1^9 T_2^{24} + 168 a_4 b_5 T_1^9 T_2^{24} + 23 c_{19} T_1^9 T_2^{24} + \\
 & 23 c_{34} T_1^9 T_2^{24} + 23 c_{49} T_1^9 T_2^{24} + 23 c_{64} T_1^9 T_2^{24} - 45 c_{81} T_1^9 T_2^{24} - 4 c_{82} T_1^9 T_2^{24} - 13 c_{84} T_1^9 T_2^{24} + \\
 & 4 c_{85} T_1^9 T_2^{24} - 96 a_2 b_3 T_1^{10} T_2^{24} + 151 a_4 b_3 T_1^{10} T_2^{24} + 105 a_2 b_5 T_1^{10} T_2^{24} - 257 a_4 b_5 T_1^{10} T_2^{24} - \\
 & c_{16} T_1^{10} T_2^{24} - 13 c_{19} T_1^{10} T_2^{24} - c_{31} T_1^{10} T_2^{24} - 13 c_{34} T_1^{10} T_2^{24} - c_{46} T_1^{10} T_2^{24} - 13 c_{49} T_1^{10} T_2^{24} - \\
 & c_{61} T_1^{10} T_2^{24} - 13 c_{64} T_1^{10} T_2^{24} + 9 c_{81} T_1^{10} T_2^{24} - 4 c_{82} T_1^{10} T_2^{24} - 4 c_{84} T_1^{10} T_2^{24} - 8 c_{85} T_1^{10} T_2^{24} + \\
 & 128 a_2 b_3 T_1^{11} T_2^{24} - 221 a_4 b_3 T_1^{11} T_2^{24} - 139 a_2 b_5 T_1^{11} T_2^{24} + 346 a_4 b_5 T_1^{11} T_2^{24} + c_{16} T_1^{11} T_2^{24} + \\
 & 3 c_{19} T_1^{11} T_2^{24} + c_{31} T_1^{11} T_2^{24} + 3 c_{34} T_1^{11} T_2^{24} + c_{46} T_1^{11} T_2^{24} + 3 c_{49} T_1^{11} T_2^{24} + c_{61} T_1^{11} T_2^{24} + \\
 & 3 c_{64} T_1^{11} T_2^{24} + 23 c_{81} T_1^{11} T_2^{24} + 12 c_{82} T_1^{11} T_2^{24} + 19 c_{84} T_1^{11} T_2^{24} + 12 c_{85} T_1^{11} T_2^{24} - \\
 & 160 a_2 b_3 T_1^{12} T_2^{24} + 291 a_4 b_3 T_1^{12} T_2^{24} + 173 a_2 b_5 T_1^{12} T_2^{24} - 435 a_4 b_5 T_1^{12} T_2^{24} + \\
 & 7 c_{19} T_1^{12} T_2^{24} + 7 c_{34} T_1^{12} T_2^{24} + 7 c_{49} T_1^{12} T_2^{24} + 7 c_{64} T_1^{12} T_2^{24} - 51 c_{81} T_1^{12} T_2^{24} - 20 c_{82} T_1^{12} T_2^{24} - \\
 & 32 c_{84} T_1^{12} T_2^{24} - 16 c_{85} T_1^{12} T_2^{24} + 192 a_2 b_3 T_1^{13} T_2^{24} - 361 a_4 b_3 T_1^{13} T_2^{24} - 207 a_2 b_5 T_1^{13} T_2^{24} + \\
 & 524 a_4 b_5 T_1^{13} T_2^{24} - 2 c_{16} T_1^{13} T_2^{24} - 17 c_{19} T_1^{13} T_2^{24} - 2 c_{31} T_1^{13} T_2^{24} - 17 c_{34} T_1^{13} T_2^{24} - \\
 & 2 c_{46} T_1^{13} T_2^{24} - 17 c_{49} T_1^{13} T_2^{24} - 2 c_{61} T_1^{13} T_2^{24} - 17 c_{64} T_1^{13} T_2^{24} + 75 c_{81} T_1^{13} T_2^{24} + \\
 & 28 c_{82} T_1^{13} T_2^{24} + 43 c_{84} T_1^{13} T_2^{24} + 20 c_{85} T_1^{13} T_2^{24} - 224 a_2 b_3 T_1^{14} T_2^{24} + 431 a_4 b_3 T_1^{14} T_2^{24} + \\
 & 241 a_2 b_5 T_1^{14} T_2^{24} - 602 a_4 b_5 T_1^{14} T_2^{24} + 5 c_{16} T_1^{14} T_2^{24} + 27 c_{19} T_1^{14} T_2^{24} + 5 c_{31} T_1^{14} T_2^{24} + \\
 & 27 c_{34} T_1^{14} T_2^{24} + 5 c_{46} T_1^{14} T_2^{24} + 27 c_{49} T_1^{14} T_2^{24} + 5 c_{61} T_1^{14} T_2^{24} + 27 c_{64} T_1^{14} T_2^{24} - 95 c_{81} T_1^{14} T_2^{24} - \\
 & 36 c_{82} T_1^{14} T_2^{24} - 52 c_{84} T_1^{14} T_2^{24} - 24 c_{85} T_1^{14} T_2^{24} + 256 a_2 b_3 T_1^{15} T_2^{24} - 515 a_4 b_3 T_1^{15} T_2^{24} - \\
 & 289 a_2 b_5 T_1^{15} T_2^{24} + 700 a_4 b_5 T_1^{15} T_2^{24} - 9 c_{16} T_1^{15} T_2^{24} - 37 c_{19} T_1^{15} T_2^{24} - 9 c_{31} T_1^{15} T_2^{24} - \\
 & 37 c_{34} T_1^{15} T_2^{24} - 9 c_{46} T_1^{15} T_2^{24} - 37 c_{49} T_1^{15} T_2^{24} - 9 c_{61} T_1^{15} T_2^{24} - 37 c_{64} T_1^{15} T_2^{24} + 103 c_{81} T_1^{15} T_2^{24} + \\
 & 44 c_{82} T_1^{15} T_2^{24} + 51 c_{84} T_1^{15} T_2^{24} + 28 c_{85} T_1^{15} T_2^{24} - 272 a_2 b_3 T_1^{16} T_2^{24} + 609 a_4 b_3 T_1^{16} T_2^{24} + \\
 & 303 a_2 b_5 T_1^{16} T_2^{24} - 817 a_4 b_5 T_1^{16} T_2^{24} + 12 c_{16} T_1^{16} T_2^{24} + 15 c_{19} T_1^{16} T_2^{24} + 12 c_{31} T_1^{16} T_2^{24} + \\
 & 15 c_{34} T_1^{16} T_2^{24} + 12 c_{46} T_1^{16} T_2^{24} + 15 c_{49} T_1^{16} T_2^{24} + 12 c_{61} T_1^{16} T_2^{24} + 15 c_{64} T_1^{16} T_2^{24} - \\
 & 131 c_{81} T_1^{16} T_2^{24} - 58 c_{82} T_1^{16} T_2^{24} - 80 c_{84} T_1^{16} T_2^{24} - 32 c_{85} T_1^{16} T_2^{24} + 256 a_2 b_3 T_1^{17} T_2^{24} - \\
 & 619 a_4 b_3 T_1^{17} T_2^{24} - 269 a_2 b_5 T_1^{17} T_2^{24} + 728 a_4 b_5 T_1^{17} T_2^{24} - 16 c_{16} T_1^{17} T_2^{24} - 53 c_{19} T_1^{17} T_2^{24} - \\
 & 16 c_{31} T_1^{17} T_2^{24} - 53 c_{34} T_1^{17} T_2^{24} - 16 c_{46} T_1^{17} T_2^{24} - 53 c_{49} T_1^{17} T_2^{24} - 16 c_{61} T_1^{17} T_2^{24} - \\
 & 53 c_{64} T_1^{17} T_2^{24} + 184 c_{81} T_1^{17} T_2^{24} + 74 c_{82} T_1^{17} T_2^{24} + 104 c_{84} T_1^{17} T_2^{24} + 34 c_{85} T_1^{17} T_2^{24} - \\
 & 224 a_2 b_3 T_1^{18} T_2^{24} + 549 a_4 b_3 T_1^{18} T_2^{24} + 235 a_2 b_5 T_1^{18} T_2^{24} - 639 a_4 b_5 T_1^{18} T_2^{24} + 26 c_{16} T_1^{18} T_2^{24} + \\
 & 113 c_{19} T_1^{18} T_2^{24} + 26 c_{31} T_1^{18} T_2^{24} + 113 c_{34} T_1^{18} T_2^{24} + 26 c_{46} T_1^{18} T_2^{24} + 113 c_{49} T_1^{18} T_2^{24} + \\
 & 26 c_{61} T_1^{18} T_2^{24} + 113 c_{64} T_1^{18} T_2^{24} - 189 c_{81} T_1^{18} T_2^{24} - 76 c_{82} T_1^{18} T_2^{24} - 85 c_{84} T_1^{18} T_2^{24} - \\
 & 32 c_{85} T_1^{18} T_2^{24} + 192 a_2 b_3 T_1^{19} T_2^{24} - 479 a_4 b_3 T_1^{19} T_2^{24} - 201 a_2 b_5 T_1^{19} T_2^{24} + 550 a_4 b_5 T_1^{19} T_2^{24} - \\
 & 38 c_{16} T_1^{19} T_2^{24} - 103 c_{19} T_1^{19} T_2^{24} - 38 c_{31} T_1^{19} T_2^{24} - 103 c_{34} T_1^{19} T_2^{24} - 38 c_{46} T_1^{19} T_2^{24} - \\
 & 103 c_{49} T_1^{19} T_2^{24} - 38 c_{61} T_1^{19} T_2^{24} - 103 c_{64} T_1^{19} T_2^{24} + 153 c_{81} T_1^{19} T_2^{24} + 68 c_{82} T_1^{19} T_2^{24} + \\
 & 68 c_{84} T_1^{19} T_2^{24} + 28 c_{85} T_1^{19} T_2^{24} - 160 a_2 b_3 T_1^{20} T_2^{24} + 409 a_4 b_3 T_1^{20} T_2^{24} + 167 a_2 b_5 T_1^{20} T_2^{24} - \\
 & 461 a_4 b_5 T_1^{20} T_2^{24} + 47 c_{16} T_1^{20} T_2^{24} + 93 c_{19} T_1^{20} T_2^{24} + 47 c_{31} T_1^{20} T_2^{24} + 93 c_{34} T_1^{20} T_2^{24} + \\
 & 47 c_{46} T_1^{20} T_2^{24} + 93 c_{49} T_1^{20} T_2^{24} + 47 c_{61} T_1^{20} T_2^{24} + 93 c_{64} T_1^{20} T_2^{24} - 121 c_{81} T_1^{20} T_2^{24} - \\
 & 60 c_{82} T_1^{20} T_2^{24} - 53 c_{84} T_1^{20} T_2^{24} - 24 c_{85} T_1^{20} T_2^{24} + 128 a_2 b_3 T_1^{21} T_2^{24} - 339 a_4 b_3 T_1^{21} T_2^{24} - \\
 & 133 a_2 b_5 T_1^{21} T_2^{24} + 372 a_4 b_5 T_1^{21} T_2^{24} - 53 c_{16} T_1^{21} T_2^{24} - 83 c_{19} T_1^{21} T_2^{24} - 53 c_{31} T_1^{21} T_2^{24} - \\
 & 83 c_{34} T_1^{21} T_2^{24} - 53 c_{46} T_1^{21} T_2^{24} - 83 c_{49} T_1^{21} T_2^{24} - 53 c_{61} T_1^{21} T_2^{24} - 83 c_{64} T_1^{21} T_2^{24} + 93 c_{81} T_1^{21} T_2^{24} + \\
 & 52 c_{82} T_1^{21} T_2^{24} + 40 c_{84} T_1^{21} T_2^{24} + 20 c_{85} T_1^{21} T_2^{24} - 96 a_2 b_3 T_1^{22} T_2^{24} + 269 a_4 b_3 T_1^{22} T_2^{24} + \\
 & 99 a_2 b_5 T_1^{22} T_2^{24} - 283 a_4 b_5 T_1^{22} T_2^{24} + 56 c_{16} T_1^{22} T_2^{24} + 73 c_{19} T_1^{22} T_2^{24} + 56 c_{31} T_1^{22} T_2^{24} +
 \end{aligned}$$

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$$\begin{aligned}
 &73 c_{34} T_1^{22} T_2^{24} + 56 c_{46} T_1^{22} T_2^{24} + 73 c_{49} T_1^{22} T_2^{24} + 56 c_{61} T_1^{22} T_2^{24} + 73 c_{64} T_1^{22} T_2^{24} - \\
 &69 c_{81} T_1^{22} T_2^{24} - 44 c_{82} T_1^{22} T_2^{24} - 29 c_{84} T_1^{22} T_2^{24} - 16 c_{85} T_1^{22} T_2^{24} + 64 a_2 b_3 T_1^{23} T_2^{24} - \\
 &199 a_4 b_3 T_1^{23} T_2^{24} - 65 a_2 b_5 T_1^{23} T_2^{24} + 199 a_4 b_5 T_1^{23} T_2^{24} - 56 c_{16} T_1^{23} T_2^{24} - 63 c_{19} T_1^{23} T_2^{24} - \\
 &56 c_{31} T_1^{23} T_2^{24} - 63 c_{34} T_1^{23} T_2^{24} - 56 c_{46} T_1^{23} T_2^{24} - 63 c_{49} T_1^{23} T_2^{24} - 56 c_{61} T_1^{23} T_2^{24} - \\
 &63 c_{64} T_1^{23} T_2^{24} + 49 c_{81} T_1^{23} T_2^{24} + 36 c_{82} T_1^{23} T_2^{24} + 20 c_{84} T_1^{23} T_2^{24} + 12 c_{85} T_1^{23} T_2^{24} - \\
 &32 a_2 b_3 T_1^{24} T_2^{24} + 122 a_4 b_3 T_1^{24} T_2^{24} + 24 a_2 b_5 T_1^{24} T_2^{24} - 104 a_4 b_5 T_1^{24} T_2^{24} + 53 c_{16} T_1^{24} T_2^{24} + \\
 &53 c_{19} T_1^{24} T_2^{24} + 53 c_{31} T_1^{24} T_2^{24} + 53 c_{34} T_1^{24} T_2^{24} + 53 c_{46} T_1^{24} T_2^{24} + 53 c_{49} T_1^{24} T_2^{24} + \\
 &53 c_{61} T_1^{24} T_2^{24} + 53 c_{64} T_1^{24} T_2^{24} - 28 c_{81} T_1^{24} T_2^{24} - 28 c_{82} T_1^{24} T_2^{24} - 8 c_{84} T_1^{24} T_2^{24} - 8 c_{85} T_1^{24} T_2^{24} + \\
 &8 a_2 b_3 T_1^{25} T_2^{24} - 40 a_4 b_3 T_1^{25} T_2^{24} - 67 c_{16} T_1^{25} T_2^{24} - 59 c_{19} T_1^{25} T_2^{24} - 67 c_{31} T_1^{25} T_2^{24} - \\
 &59 c_{34} T_1^{25} T_2^{24} - 67 c_{46} T_1^{25} T_2^{24} - 59 c_{49} T_1^{25} T_2^{24} - 67 c_{61} T_1^{25} T_2^{24} - 59 c_{64} T_1^{25} T_2^{24} + \\
 &8 c_{81} T_1^{25} T_2^{24} + 17 c_{82} T_1^{25} T_2^{24} + 4 c_{85} T_1^{25} T_2^{24} + 40 c_{16} T_1^{26} T_2^{24} + 35 c_{19} T_1^{26} T_2^{24} + 40 c_{31} T_1^{26} T_2^{24} + \\
 &35 c_{34} T_1^{26} T_2^{24} + 40 c_{46} T_1^{26} T_2^{24} + 35 c_{49} T_1^{26} T_2^{24} + 40 c_{61} T_1^{26} T_2^{24} + 35 c_{64} T_1^{26} T_2^{24} - \\
 &5 c_{82} T_1^{26} T_2^{24} - c_{85} T_1^{26} T_2^{24} - 7 a_4 b_5 T_1^6 T_2^{25} + 8 a_4 b_3 T_1^7 T_2^{25} + 8 a_2 b_5 T_1^7 T_2^{25} + 4 a_4 b_5 T_1^7 T_2^{25} + \\
 &15 c_{81} T_1^7 T_2^{25} + 15 c_{84} T_1^7 T_2^{25} - 40 a_4 b_3 T_1^8 T_2^{25} - 24 a_2 b_5 T_1^8 T_2^{25} + 55 a_4 b_5 T_1^8 T_2^{25} + \\
 &16 c_{19} T_1^8 T_2^{25} + 16 c_{34} T_1^8 T_2^{25} + 16 c_{49} T_1^8 T_2^{25} + 16 c_{64} T_1^8 T_2^{25} - 34 c_{81} T_1^8 T_2^{25} + c_{82} T_1^8 T_2^{25} - \\
 &19 c_{84} T_1^8 T_2^{25} + 88 a_4 b_3 T_1^9 T_2^{25} + 40 a_2 b_5 T_1^9 T_2^{25} - 114 a_4 b_5 T_1^9 T_2^{25} - 2 c_{16} T_1^9 T_2^{25} - \\
 &25 c_{19} T_1^9 T_2^{25} - 2 c_{31} T_1^9 T_2^{25} - 25 c_{34} T_1^9 T_2^{25} - 2 c_{46} T_1^9 T_2^{25} - 25 c_{49} T_1^9 T_2^{25} - 2 c_{61} T_1^9 T_2^{25} - \\
 &25 c_{64} T_1^9 T_2^{25} + 17 c_{81} T_1^9 T_2^{25} - 4 c_{82} T_1^9 T_2^{25} - 2 c_{84} T_1^9 T_2^{25} - 136 a_4 b_3 T_1^{10} T_2^{25} - 56 a_2 b_5 T_1^{10} T_2^{25} + \\
 &173 a_4 b_5 T_1^{10} T_2^{25} + 3 c_{16} T_1^{10} T_2^{25} + 11 c_{19} T_1^{10} T_2^{25} + 3 c_{31} T_1^{10} T_2^{25} + 11 c_{34} T_1^{10} T_2^{25} + \\
 &3 c_{46} T_1^{10} T_2^{25} + 11 c_{49} T_1^{10} T_2^{25} + 3 c_{61} T_1^{10} T_2^{25} + 11 c_{64} T_1^{10} T_2^{25} + 23 c_{81} T_1^{10} T_2^{25} + 8 c_{82} T_1^{10} T_2^{25} + \\
 &21 c_{84} T_1^{10} T_2^{25} + 184 a_4 b_3 T_1^{11} T_2^{25} + 72 a_2 b_5 T_1^{11} T_2^{25} - 232 a_4 b_5 T_1^{11} T_2^{25} - 3 c_{16} T_1^{11} T_2^{25} + \\
 &3 c_{19} T_1^{11} T_2^{25} - 3 c_{31} T_1^{11} T_2^{25} + 3 c_{34} T_1^{11} T_2^{25} - 3 c_{46} T_1^{11} T_2^{25} + 3 c_{49} T_1^{11} T_2^{25} - 3 c_{61} T_1^{11} T_2^{25} + \\
 &3 c_{64} T_1^{11} T_2^{25} - 59 c_{81} T_1^{11} T_2^{25} - 12 c_{82} T_1^{11} T_2^{25} - 38 c_{84} T_1^{11} T_2^{25} - 232 a_4 b_3 T_1^{12} T_2^{25} - \\
 &88 a_2 b_5 T_1^{12} T_2^{25} + 291 a_4 b_5 T_1^{12} T_2^{25} + 2 c_{16} T_1^{12} T_2^{25} - 17 c_{19} T_1^{12} T_2^{25} + 2 c_{31} T_1^{12} T_2^{25} - \\
 &17 c_{34} T_1^{12} T_2^{25} + 2 c_{46} T_1^{12} T_2^{25} - 17 c_{49} T_1^{12} T_2^{25} + 2 c_{61} T_1^{12} T_2^{25} - 17 c_{64} T_1^{12} T_2^{25} + \\
 &91 c_{81} T_1^{12} T_2^{25} + 16 c_{82} T_1^{12} T_2^{25} + 53 c_{84} T_1^{12} T_2^{25} + 280 a_4 b_3 T_1^{13} T_2^{25} + 104 a_2 b_5 T_1^{13} T_2^{25} - \\
 &350 a_4 b_5 T_1^{13} T_2^{25} + 31 c_{19} T_1^{13} T_2^{25} + 31 c_{34} T_1^{13} T_2^{25} + 31 c_{49} T_1^{13} T_2^{25} + 31 c_{64} T_1^{13} T_2^{25} - \\
 &119 c_{81} T_1^{13} T_2^{25} - 20 c_{82} T_1^{13} T_2^{25} - 66 c_{84} T_1^{13} T_2^{25} - 328 a_4 b_3 T_1^{14} T_2^{25} - 120 a_2 b_5 T_1^{14} T_2^{25} + \\
 &409 a_4 b_5 T_1^{14} T_2^{25} - 3 c_{16} T_1^{14} T_2^{25} - 45 c_{19} T_1^{14} T_2^{25} - 3 c_{31} T_1^{14} T_2^{25} - 45 c_{34} T_1^{14} T_2^{25} - \\
 &3 c_{46} T_1^{14} T_2^{25} - 45 c_{49} T_1^{14} T_2^{25} - 3 c_{61} T_1^{14} T_2^{25} - 45 c_{64} T_1^{14} T_2^{25} + 143 c_{81} T_1^{14} T_2^{25} + \\
 &24 c_{82} T_1^{14} T_2^{25} + 77 c_{84} T_1^{14} T_2^{25} + 376 a_4 b_3 T_1^{15} T_2^{25} + 136 a_2 b_5 T_1^{15} T_2^{25} - 482 a_4 b_5 T_1^{15} T_2^{25} + \\
 &7 c_{16} T_1^{15} T_2^{25} + 59 c_{19} T_1^{15} T_2^{25} + 7 c_{31} T_1^{15} T_2^{25} + 59 c_{34} T_1^{15} T_2^{25} + 7 c_{46} T_1^{15} T_2^{25} + 59 c_{49} T_1^{15} T_2^{25} + \\
 &7 c_{61} T_1^{15} T_2^{25} + 59 c_{64} T_1^{15} T_2^{25} - 163 c_{81} T_1^{15} T_2^{25} - 28 c_{82} T_1^{15} T_2^{25} - 86 c_{84} T_1^{15} T_2^{25} - \\
 &408 a_4 b_3 T_1^{16} T_2^{25} - 136 a_2 b_5 T_1^{16} T_2^{25} + 535 a_4 b_5 T_1^{16} T_2^{25} - 12 c_{16} T_1^{16} T_2^{25} - 73 c_{19} T_1^{16} T_2^{25} - \\
 &12 c_{31} T_1^{16} T_2^{25} - 73 c_{34} T_1^{16} T_2^{25} - 12 c_{46} T_1^{16} T_2^{25} - 73 c_{49} T_1^{16} T_2^{25} - 12 c_{61} T_1^{16} T_2^{25} - \\
 &73 c_{64} T_1^{16} T_2^{25} + 191 c_{81} T_1^{16} T_2^{25} + 32 c_{82} T_1^{16} T_2^{25} + 105 c_{84} T_1^{16} T_2^{25} + 392 a_4 b_3 T_1^{17} T_2^{25} + \\
 &120 a_2 b_5 T_1^{17} T_2^{25} - 476 a_4 b_5 T_1^{17} T_2^{25} + 20 c_{16} T_1^{17} T_2^{25} + 119 c_{19} T_1^{17} T_2^{25} + 20 c_{31} T_1^{17} T_2^{25} + \\
 &119 c_{34} T_1^{17} T_2^{25} + 20 c_{46} T_1^{17} T_2^{25} + 119 c_{49} T_1^{17} T_2^{25} + 20 c_{61} T_1^{17} T_2^{25} + 119 c_{64} T_1^{17} T_2^{25} - \\
 &214 c_{81} T_1^{17} T_2^{25} - 34 c_{82} T_1^{17} T_2^{25} - 109 c_{84} T_1^{17} T_2^{25} - 344 a_4 b_3 T_1^{18} T_2^{25} - 104 a_2 b_5 T_1^{18} T_2^{25} + \\
 &417 a_4 b_5 T_1^{18} T_2^{25} - 32 c_{16} T_1^{18} T_2^{25} - 151 c_{19} T_1^{18} T_2^{25} - 32 c_{31} T_1^{18} T_2^{25} - 151 c_{34} T_1^{18} T_2^{25} - \\
 &32 c_{46} T_1^{18} T_2^{25} - 151 c_{49} T_1^{18} T_2^{25} - 32 c_{61} T_1^{18} T_2^{25} - 151 c_{64} T_1^{18} T_2^{25} + 197 c_{81} T_1^{18} T_2^{25} + \\
 &32 c_{82} T_1^{18} T_2^{25} + 88 c_{84} T_1^{18} T_2^{25} + 296 a_4 b_3 T_1^{19} T_2^{25} + 88 a_2 b_5 T_1^{19} T_2^{25} - 358 a_4 b_5 T_1^{19} T_2^{25} + \\
 &44 c_{16} T_1^{19} T_2^{25} + 137 c_{19} T_1^{19} T_2^{25} + 44 c_{31} T_1^{19} T_2^{25} + 137 c_{34} T_1^{19} T_2^{25} + 44 c_{46} T_1^{19} T_2^{25} + \\
 &137 c_{49} T_1^{19} T_2^{25} + 44 c_{61} T_1^{19} T_2^{25} + 137 c_{64} T_1^{19} T_2^{25} - 157 c_{81} T_1^{19} T_2^{25} - 28 c_{82} T_1^{19} T_2^{25} - \\
 &69 c_{84} T_1^{19} T_2^{25} - 248 a_4 b_3 T_1^{20} T_2^{25} - 72 a_2 b_5 T_1^{20} T_2^{25} + 299 a_4 b_5 T_1^{20} T_2^{25} - 53 c_{16} T_1^{20} T_2^{25} - \\
 &123 c_{19} T_1^{20} T_2^{25} - 53 c_{31} T_1^{20} T_2^{25} - 123 c_{34} T_1^{20} T_2^{25} - 53 c_{46} T_1^{20} T_2^{25} - 123 c_{49} T_1^{20} T_2^{25} - \\
 &53 c_{61} T_1^{20} T_2^{25} - 123 c_{64} T_1^{20} T_2^{25} + 121 c_{81} T_1^{20} T_2^{25} + 24 c_{82} T_1^{20} T_2^{25} + 52 c_{84} T_1^{20} T_2^{25} + \\
 &200 a_4 b_3 T_1^{21} T_2^{25} + 56 a_2 b_5 T_1^{21} T_2^{25} - 240 a_4 b_5 T_1^{21} T_2^{25} + 59 c_{16} T_1^{21} T_2^{25} + 109 c_{19} T_1^{21} T_2^{25} + \\
 &59 c_{31} T_1^{21} T_2^{25} + 109 c_{34} T_1^{21} T_2^{25} + 59 c_{46} T_1^{21} T_2^{25} + 109 c_{49} T_1^{21} T_2^{25} + 59 c_{61} T_1^{21} T_2^{25} + \\
 &109 c_{64} T_1^{21} T_2^{25} - 89 c_{81} T_1^{21} T_2^{25} - 20 c_{82} T_1^{21} T_2^{25} - 37 c_{84} T_1^{21} T_2^{25} - 152 a_4 b_3 T_1^{22} T_2^{25} -
 \end{aligned}$$

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$$\begin{aligned}
 & 40 a_2 b_5 T_1^{22} T_2^{25} + 181 a_4 b_5 T_1^{22} T_2^{25} - 62 c_{16} T_1^{22} T_2^{25} - 95 c_{19} T_1^{22} T_2^{25} - 62 c_{31} T_1^{22} T_2^{25} - \\
 & 95 c_{34} T_1^{22} T_2^{25} - 62 c_{46} T_1^{22} T_2^{25} - 95 c_{49} T_1^{22} T_2^{25} - 62 c_{61} T_1^{22} T_2^{25} - 95 c_{64} T_1^{22} T_2^{25} + \\
 & 61 c_{81} T_1^{22} T_2^{25} + 16 c_{82} T_1^{22} T_2^{25} + 24 c_{84} T_1^{22} T_2^{25} + 104 a_4 b_3 T_1^{23} T_2^{25} + 24 a_2 b_5 T_1^{23} T_2^{25} - \\
 & 122 a_4 b_5 T_1^{23} T_2^{25} + 62 c_{16} T_1^{23} T_2^{25} + 81 c_{19} T_1^{23} T_2^{25} + 62 c_{31} T_1^{23} T_2^{25} + 81 c_{34} T_1^{23} T_2^{25} + \\
 & 62 c_{46} T_1^{23} T_2^{25} + 81 c_{49} T_1^{23} T_2^{25} + 62 c_{61} T_1^{23} T_2^{25} + 81 c_{64} T_1^{23} T_2^{25} - 37 c_{81} T_1^{23} T_2^{25} - \\
 & 12 c_{82} T_1^{23} T_2^{25} - 13 c_{84} T_1^{23} T_2^{25} - 56 a_4 b_3 T_1^{24} T_2^{25} - 8 a_2 b_5 T_1^{24} T_2^{25} + 56 a_4 b_5 T_1^{24} T_2^{25} - \\
 & 59 c_{16} T_1^{24} T_2^{25} - 67 c_{19} T_1^{24} T_2^{25} - 59 c_{31} T_1^{24} T_2^{25} - 67 c_{34} T_1^{24} T_2^{25} - 59 c_{46} T_1^{24} T_2^{25} - \\
 & 67 c_{49} T_1^{24} T_2^{25} - 59 c_{61} T_1^{24} T_2^{25} - 67 c_{64} T_1^{24} T_2^{25} + 17 c_{81} T_1^{24} T_2^{25} + 8 c_{82} T_1^{24} T_2^{25} + \\
 & 4 c_{84} T_1^{24} T_2^{25} + 16 a_4 b_3 T_1^{25} T_2^{25} + 53 c_{16} T_1^{25} T_2^{25} + 53 c_{19} T_1^{25} T_2^{25} + 53 c_{31} T_1^{25} T_2^{25} + \\
 & 53 c_{34} T_1^{25} T_2^{25} + 53 c_{46} T_1^{25} T_2^{25} + 53 c_{49} T_1^{25} T_2^{25} + 53 c_{61} T_1^{25} T_2^{25} + 53 c_{64} T_1^{25} T_2^{25} - \\
 & 4 c_{81} T_1^{25} T_2^{25} - 4 c_{82} T_1^{25} T_2^{25} - 24 c_{16} T_1^{26} T_2^{25} - 23 c_{19} T_1^{26} T_2^{25} - 24 c_{31} T_1^{26} T_2^{25} - 23 c_{34} T_1^{26} T_2^{25} - \\
 & 24 c_{46} T_1^{26} T_2^{25} - 23 c_{49} T_1^{26} T_2^{25} - 24 c_{61} T_1^{26} T_2^{25} - 23 c_{64} T_1^{26} T_2^{25} + c_{82} T_1^{26} T_2^{25} + 8 a_4 b_5 T_1^{26} T_2^{25} - \\
 & 32 a_4 b_5 T_1^8 T_2^{26} - 8 c_{81} T_1^8 T_2^{26} - 8 c_{84} T_1^8 T_2^{26} + 56 a_4 b_5 T_1^9 T_2^{26} - 8 c_{19} T_1^9 T_2^{26} - 8 c_{34} T_1^9 T_2^{26} - \\
 & 8 c_{49} T_1^9 T_2^{26} - 8 c_{64} T_1^9 T_2^{26} + 31 c_{81} T_1^9 T_2^{26} + 23 c_{84} T_1^9 T_2^{26} - 80 a_4 b_5 T_1^{10} T_2^{26} + c_{16} T_1^{10} T_2^{26} + \\
 & 24 c_{19} T_1^{10} T_2^{26} + c_{31} T_1^{10} T_2^{26} + 24 c_{34} T_1^{10} T_2^{26} + c_{46} T_1^{10} T_2^{26} + 24 c_{49} T_1^{10} T_2^{26} + c_{61} T_1^{10} T_2^{26} + \\
 & 24 c_{64} T_1^{10} T_2^{26} - 59 c_{81} T_1^{10} T_2^{26} - 36 c_{84} T_1^{10} T_2^{26} + 104 a_4 b_5 T_1^{11} T_2^{26} - 3 c_{16} T_1^{11} T_2^{26} - \\
 & 40 c_{19} T_1^{11} T_2^{26} - 3 c_{31} T_1^{11} T_2^{26} - 40 c_{34} T_1^{11} T_2^{26} - 3 c_{46} T_1^{11} T_2^{26} - 40 c_{49} T_1^{11} T_2^{26} - \\
 & 3 c_{61} T_1^{11} T_2^{26} - 40 c_{64} T_1^{11} T_2^{26} + 83 c_{81} T_1^{11} T_2^{26} + 47 c_{84} T_1^{11} T_2^{26} - 128 a_4 b_5 T_1^{12} T_2^{26} + \\
 & 6 c_{16} T_1^{12} T_2^{26} + 56 c_{19} T_1^{12} T_2^{26} + 6 c_{31} T_1^{12} T_2^{26} + 56 c_{34} T_1^{12} T_2^{26} + 6 c_{46} T_1^{12} T_2^{26} + 56 c_{49} T_1^{12} T_2^{26} + \\
 & 6 c_{61} T_1^{12} T_2^{26} + 56 c_{64} T_1^{12} T_2^{26} - 103 c_{81} T_1^{12} T_2^{26} - 56 c_{84} T_1^{12} T_2^{26} + 152 a_4 b_5 T_1^{13} T_2^{26} - \\
 & 10 c_{16} T_1^{13} T_2^{26} - 72 c_{19} T_1^{13} T_2^{26} - 10 c_{31} T_1^{13} T_2^{26} - 72 c_{34} T_1^{13} T_2^{26} - 10 c_{46} T_1^{13} T_2^{26} - \\
 & 72 c_{49} T_1^{13} T_2^{26} - 10 c_{61} T_1^{13} T_2^{26} - 72 c_{64} T_1^{13} T_2^{26} + 119 c_{81} T_1^{13} T_2^{26} + 63 c_{84} T_1^{13} T_2^{26} - \\
 & 176 a_4 b_5 T_1^{14} T_2^{26} + 15 c_{16} T_1^{14} T_2^{26} + 88 c_{19} T_1^{14} T_2^{26} + 15 c_{31} T_1^{14} T_2^{26} + 88 c_{34} T_1^{14} T_2^{26} + \\
 & 15 c_{46} T_1^{14} T_2^{26} + 88 c_{49} T_1^{14} T_2^{26} + 15 c_{61} T_1^{14} T_2^{26} + 88 c_{64} T_1^{14} T_2^{26} - 131 c_{81} T_1^{14} T_2^{26} - \\
 & 68 c_{84} T_1^{14} T_2^{26} + 200 a_4 b_5 T_1^{15} T_2^{26} - 21 c_{16} T_1^{15} T_2^{26} - 104 c_{19} T_1^{15} T_2^{26} - 21 c_{31} T_1^{15} T_2^{26} - \\
 & 104 c_{34} T_1^{15} T_2^{26} - 21 c_{46} T_1^{15} T_2^{26} - 104 c_{49} T_1^{15} T_2^{26} - 21 c_{61} T_1^{15} T_2^{26} - 104 c_{64} T_1^{15} T_2^{26} + \\
 & 139 c_{81} T_1^{15} T_2^{26} + 71 c_{84} T_1^{15} T_2^{26} - 208 a_4 b_5 T_1^{16} T_2^{26} + 28 c_{16} T_1^{16} T_2^{26} + 120 c_{19} T_1^{16} T_2^{26} + \\
 & 28 c_{31} T_1^{16} T_2^{26} + 120 c_{34} T_1^{16} T_2^{26} + 28 c_{46} T_1^{16} T_2^{26} + 120 c_{49} T_1^{16} T_2^{26} + 28 c_{61} T_1^{16} T_2^{26} + \\
 & 120 c_{64} T_1^{16} T_2^{26} - 143 c_{81} T_1^{16} T_2^{26} - 72 c_{84} T_1^{16} T_2^{26} + 184 a_4 b_5 T_1^{17} T_2^{26} - 36 c_{16} T_1^{17} T_2^{26} - \\
 & 136 c_{19} T_1^{17} T_2^{26} - 36 c_{31} T_1^{17} T_2^{26} - 136 c_{34} T_1^{17} T_2^{26} - 36 c_{46} T_1^{17} T_2^{26} - 136 c_{49} T_1^{17} T_2^{26} - \\
 & 36 c_{61} T_1^{17} T_2^{26} - 136 c_{64} T_1^{17} T_2^{26} + 136 c_{81} T_1^{17} T_2^{26} + 64 c_{84} T_1^{17} T_2^{26} - 160 a_4 b_5 T_1^{18} T_2^{26} + \\
 & 44 c_{16} T_1^{18} T_2^{26} + 136 c_{19} T_1^{18} T_2^{26} + 44 c_{31} T_1^{18} T_2^{26} + 136 c_{34} T_1^{18} T_2^{26} + 44 c_{46} T_1^{18} T_2^{26} + \\
 & 136 c_{49} T_1^{18} T_2^{26} + 44 c_{61} T_1^{18} T_2^{26} + 136 c_{64} T_1^{18} T_2^{26} - 113 c_{81} T_1^{18} T_2^{26} - 49 c_{84} T_1^{18} T_2^{26} + \\
 & 136 a_4 b_5 T_1^{19} T_2^{26} - 50 c_{16} T_1^{19} T_2^{26} - 120 c_{19} T_1^{19} T_2^{26} - 50 c_{31} T_1^{19} T_2^{26} - 120 c_{34} T_1^{19} T_2^{26} - \\
 & 50 c_{46} T_1^{19} T_2^{26} - 120 c_{49} T_1^{19} T_2^{26} - 50 c_{61} T_1^{19} T_2^{26} - 120 c_{64} T_1^{19} T_2^{26} + 85 c_{81} T_1^{19} T_2^{26} + \\
 & 36 c_{84} T_1^{19} T_2^{26} - 112 a_4 b_5 T_1^{20} T_2^{26} + 53 c_{16} T_1^{20} T_2^{26} + 104 c_{19} T_1^{20} T_2^{26} + 53 c_{31} T_1^{20} T_2^{26} + \\
 & 104 c_{34} T_1^{20} T_2^{26} + 53 c_{46} T_1^{20} T_2^{26} + 104 c_{49} T_1^{20} T_2^{26} + 53 c_{61} T_1^{20} T_2^{26} + 104 c_{64} T_1^{20} T_2^{26} - \\
 & 61 c_{81} T_1^{20} T_2^{26} - 25 c_{84} T_1^{20} T_2^{26} + 88 a_4 b_5 T_1^{21} T_2^{26} - 53 c_{16} T_1^{21} T_2^{26} - 88 c_{19} T_1^{21} T_2^{26} - \\
 & 53 c_{31} T_1^{21} T_2^{26} - 88 c_{34} T_1^{21} T_2^{26} - 53 c_{46} T_1^{21} T_2^{26} - 88 c_{49} T_1^{21} T_2^{26} - 53 c_{61} T_1^{21} T_2^{26} - \\
 & 88 c_{64} T_1^{21} T_2^{26} + 41 c_{81} T_1^{21} T_2^{26} + 16 c_{84} T_1^{21} T_2^{26} - 64 a_4 b_5 T_1^{22} T_2^{26} + 50 c_{16} T_1^{22} T_2^{26} + \\
 & 72 c_{19} T_1^{22} T_2^{26} + 50 c_{31} T_1^{22} T_2^{26} + 72 c_{34} T_1^{22} T_2^{26} + 50 c_{46} T_1^{22} T_2^{26} + 72 c_{49} T_1^{22} T_2^{26} + \\
 & 50 c_{61} T_1^{22} T_2^{26} + 72 c_{64} T_1^{22} T_2^{26} - 25 c_{81} T_1^{22} T_2^{26} - 9 c_{84} T_1^{22} T_2^{26} + 40 a_4 b_5 T_1^{23} T_2^{26} - \\
 & 44 c_{16} T_1^{23} T_2^{26} - 56 c_{19} T_1^{23} T_2^{26} - 44 c_{31} T_1^{23} T_2^{26} - 56 c_{34} T_1^{23} T_2^{26} - 44 c_{46} T_1^{23} T_2^{26} - \\
 & 56 c_{49} T_1^{23} T_2^{26} - 44 c_{61} T_1^{23} T_2^{26} - 56 c_{64} T_1^{23} T_2^{26} + 13 c_{81} T_1^{23} T_2^{26} + 4 c_{84} T_1^{23} T_2^{26} - \\
 & 16 a_4 b_5 T_1^{24} T_2^{26} + 35 c_{16} T_1^{24} T_2^{26} + 40 c_{19} T_1^{24} T_2^{26} + 35 c_{31} T_1^{24} T_2^{26} + 40 c_{34} T_1^{24} T_2^{26} + \\
 & 35 c_{46} T_1^{24} T_2^{26} + 40 c_{49} T_1^{24} T_2^{26} + 35 c_{61} T_1^{24} T_2^{26} + 40 c_{64} T_1^{24} T_2^{26} - 5 c_{81} T_1^{24} T_2^{26} - c_{84} T_1^{24} T_2^{26} - \\
 & 23 c_{16} T_1^{25} T_2^{26} - 24 c_{19} T_1^{25} T_2^{26} - 23 c_{31} T_1^{25} T_2^{26} - 24 c_{34} T_1^{25} T_2^{26} - 23 c_{46} T_1^{25} T_2^{26} - \\
 & 24 c_{49} T_1^{25} T_2^{26} - 23 c_{61} T_1^{25} T_2^{26} - 24 c_{64} T_1^{25} T_2^{26} + c_{81} T_1^{25} T_2^{26} + 8 c_{16} T_1^{26} T_2^{26} + 8 c_{19} T_1^{26} T_2^{26} + \\
 & 8 c_{31} T_1^{26} T_2^{26} + 8 c_{34} T_1^{26} T_2^{26} + 8 c_{46} T_1^{26} T_2^{26} + 8 c_{49} T_1^{26} T_2^{26} + 8 c_{61} T_1^{26} T_2^{26} + 8 c_{64} T_1^{26} T_2^{26} / \\
 & ((-1 + T_1) (1 - T_1 + T_1^2)^2 (1 - T_1^3 + T_1^6)^2 (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2)^2
 \end{aligned}$$

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$$\frac{\left( (1 - T_1 T_2 + T_1^2 T_2^2) (1 - T_2^3 + T_2^6)^2 (1 - T_1^3 T_2^3 + T_1^6 T_2^6) \right) \Big]}{\left( (1 - T_1 + T_1^2) (1 - T_1^3 + T_1^6) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2) \right. \\ \left. (1 - T_2^3 + T_2^6) (1 - T_1^3 T_2^3 + T_1^6 T_2^6) \right)}$$

» {11.8594,

$$\text{Knot}[10, 1] \rightarrow (T_1^2 T_2^2 \mathbb{E}[\in \text{Series}[0, -((2(-224 a_2 b_3 + 224 a_2 b_5 + 1416 a_2 b_3 T_1 - 224 a_4 b_3 T_1 - 1192 a_2 b_5 T_1 + 224 a_4 b_5 T_1 + 64 c_{16} T_1 + 64 c_{19} T_1 + 64 c_{31} T_1 + 64 c_{34} T_1 + 64 c_{46} T_1 + 64 c_{49} T_1 + 64 c_{61} T_1 + 64 c_{64} T_1 - 1152 c_{81} T_1 - 1152 c_{82} T_1 - 1152 c_{84} T_1 - 1152 c_{85} T_1 - 3652 a_2 b_3 T_1^2 + 1192 a_4 b_3 T_1^2 + 2460 a_2 b_5 T_1^2 - 968 a_4 b_5 T_1^2 + 960 c_{16} T_1^2 - 352 c_{19} T_1^2 + 960 c_{31} T_1^2 - 352 c_{34} T_1^2 + 960 c_{46} T_1^2 - 352 c_{49} T_1^2 + 960 c_{61} T_1^2 - 352 c_{64} T_1^2 + 5920 c_{81} T_1^2 + 7488 c_{82} T_1^2 + 4768 c_{84} T_1^2 + 7488 c_{85} T_1^2 + 4920 a_2 b_3 T_1^3 - 2460 a_4 b_3 T_1^3 - 2460 a_2 b_5 T_1^3 + 1492 a_4 b_5 T_1^3 - 4480 c_{16} T_1^3 + 740 c_{19} T_1^3 - 4480 c_{31} T_1^3 + 740 c_{34} T_1^3 - 4480 c_{46} T_1^3 + 740 c_{49} T_1^3 - 4480 c_{61} T_1^3 + 740 c_{64} T_1^3 - 11840 c_{81} T_1^3 - 19656 c_{82} T_1^3 - 7072 c_{84} T_1^3 - 19656 c_{85} T_1^3 - 3652 a_2 b_3 T_1^4 + 2460 a_4 b_3 T_1^4 + 1192 a_2 b_5 T_1^4 - 968 a_4 b_5 T_1^4 + 6784 c_{16} T_1^4 - 740 c_{19} T_1^4 + 6784 c_{31} T_1^4 - 740 c_{34} T_1^4 + 6784 c_{46} T_1^4 - 740 c_{49} T_1^4 + 6784 c_{61} T_1^4 - 740 c_{64} T_1^4 + 11552 c_{81} T_1^4 + 26640 c_{82} T_1^4 + 4480 c_{84} T_1^4 + 26640 c_{85} T_1^4 + 1416 a_2 b_3 T_1^5 - 1192 a_4 b_3 T_1^5 - 224 a_2 b_5 T_1^5 + 224 a_4 b_5 T_1^5 - 4288 c_{16} T_1^5 + 352 c_{19} T_1^5 - 4288 c_{31} T_1^5 + 352 c_{34} T_1^5 - 4288 c_{46} T_1^5 + 352 c_{49} T_1^5 - 4288 c_{61} T_1^5 + 352 c_{64} T_1^5 - 5504 c_{81} T_1^5 - 19656 c_{82} T_1^5 - 1024 c_{84} T_1^5 - 19656 c_{85} T_1^5 - 224 a_2 b_3 T_1^6 + 224 a_4 b_3 T_1^6 + 960 c_{16} T_1^6 - 64 c_{19} T_1^6 + 960 c_{31} T_1^6 - 64 c_{34} T_1^6 + 960 c_{46} T_1^6 - 64 c_{49} T_1^6 + 960 c_{61} T_1^6 - 64 c_{64} T_1^6 + 1024 c_{81} T_1^6 + 7488 c_{82} T_1^6 + 7488 c_{85} T_1^6 - 1152 c_{82} T_1^7 - 1152 c_{85} T_1^7 + 968 a_2 b_3 T_2 - 224 a_4 b_3 T_2 - 1192 a_2 b_5 T_2 + 224 a_4 b_5 T_2 - 6790 a_2 b_3 T_1 T_2 + 2608 a_4 b_3 T_1 T_2 + 7014 a_2 b_5 T_1 T_2 - 2608 a_4 b_5 T_1 T_2 - 352 c_{16} T_1 T_2 + 960 c_{19} T_1 T_2 - 352 c_{31} T_1 T_2 + 960 c_{34} T_1 T_2 - 352 c_{46} T_1 T_2 + 960 c_{49} T_1 T_2 - 352 c_{61} T_1 T_2 + 960 c_{64} T_1 T_2 + 7488 c_{81} T_1 T_2 + 5920 c_{82} T_1 T_2 + 7488 c_{84} T_1 T_2 + 4768 c_{85} T_1 T_2 + 20281 a_2 b_3 T_1^2 T_2 - 10666 a_4 b_3 T_1^2 T_2 - 16919 a_2 b_5 T_1^2 T_2 + 9250 a_4 b_5 T_1^2 T_2 - 5488 c_{16} T_1^2 T_2 - 5488 c_{19} T_1^2 T_2 - 5488 c_{31} T_1^2 T_2 - 5488 c_{34} T_1^2 T_2 - 5488 c_{46} T_1^2 T_2 - 5488 c_{49} T_1^2 T_2 - 5488 c_{61} T_1^2 T_2 - 5488 c_{64} T_1^2 T_2 - 36304 c_{81} T_1^2 T_2 - 36304 c_{82} T_1^2 T_2 - 28816 c_{84} T_1^2 T_2 - 28816 c_{85} T_1^2 T_2 - 33314 a_2 b_3 T_1^3 T_2 + 21839 a_4 b_3 T_1^3 T_2 + 21315 a_2 b_5 T_1^3 T_2 - 15049 a_4 b_5 T_1^3 T_2 + 21520 c_{16} T_1^3 T_2 + 12244 c_{19} T_1^3 T_2 + 21520 c_{31} T_1^3 T_2 + 12244 c_{34} T_1^3 T_2 + 21520 c_{46} T_1^3 T_2 + 12244 c_{49} T_1^3 T_2 + 21520 c_{61} T_1^3 T_2 + 12244 c_{64} T_1^3 T_2 + 65536 c_{81} T_1^3 T_2 + 86866 c_{82} T_1^3 T_2 + 36720 c_{84} T_1^3 T_2 + 67210 c_{85} T_1^3 T_2 + 32269 a_2 b_3 T_1^4 T_2 - 24967 a_4 b_3 T_1^4 T_2 - 14606 a_2 b_5 T_1^4 T_2 + 12378 a_4 b_5 T_1^4 T_2 - 22752 c_{16} T_1^4 T_2 - 13505 c_{19} T_1^4 T_2 - 22752 c_{31} T_1^4 T_2 - 13505 c_{34} T_1^4 T_2 - 22752 c_{46} T_1^4 T_2 - 13505 c_{49} T_1^4 T_2 - 22752 c_{61} T_1^4 T_2 - 13505 c_{64} T_1^4 T_2 - 51696 c_{81} T_1^4 T_2 - 99772 c_{82} T_1^4 T_2 - 14976 c_{84} T_1^4 T_2 - 73132 c_{85} T_1^4 T_2 - 18266 a_2 b_3 T_1^5 T_2 + 16022 a_4 b_3 T_1^5 T_2 + 5076 a_2 b_5 T_1^5 T_2 - 4836 a_4 b_5 T_1^5 T_2 + 1536 c_{16} T_1^5 T_2 + 7685 c_{19} T_1^5 T_2 + 1536 c_{31} T_1^5 T_2 + 7685 c_{34} T_1^5 T_2 + 1536 c_{46} T_1^5 T_2 + 7685 c_{49} T_1^5 T_2 + 1536 c_{61} T_1^5 T_2 + 7685 c_{64} T_1^5 T_2 + 12384 c_{81} T_1^5 T_2 + 50690 c_{82} T_1^5 T_2 - 2592 c_{84} T_1^5 T_2 + 31034 c_{85} T_1^5 T_2 + 5540 a_2 b_3 T_1^6 T_2 - 5300 a_4 b_3 T_1^6 T_2 - 688 a_2 b_5 T_1^6 T_2 + 688 a_4 b_5 T_1^6 T_2 + 8656 c_{16} T_1^6 T_2 - 2104 c_{19} T_1^6 T_2 + 8656 c_{31} T_1^6 T_2 - 2104 c_{34} T_1^6 T_2 + 8656 c_{46} T_1^6 T_2 - 2104 c_{49} T_1^6 T_2 + 8656 c_{61} T_1^6 T_2 - 2104 c_{64} T_1^6 T_2 + 4768 c_{81} T_1^6 T_2 - 1352 c_{82} T_1^6 T_2 + 2176 c_{84} T_1^6 T_2 + 6136 c_{85} T_1^6 T_2 - 688 a_2 b_3 T_1^7 T_2 + 688 a_4 b_3 T_1^7 T_2 - 3120 c_{16} T_1^7 T_2 + 208 c_{19} T_1^7 T_2 - 3120 c_{31} T_1^7 T_2 + 208 c_{34} T_1^7 T_2 - 3120 c_{46} T_1^7 T_2 + 208 c_{49} T_1^7 T_2 - 3120 c_{61} T_1^7 T_2 + 208 c_{64} T_1^7 T_2 - 2176 c_{81} T_1^7 T_2 - 8224 c_{82} T_1^7 T_2 - 9376 c_{85} T_1^7 T_2 + 2176 c_{82} T_1^8 T_2 + 2176 c_{85} T_1^8 T_2 - 1492 a_2 b_3 T_2^2 + 968 a_4 b_3 T_2^2 + 2460 a_2 b_5 T_2^2 - 1192 a_4 b_5 T_2^2 + 12589 a_2 b_3 T_1 T_2^2 - 9250 a_4 b_3 T_1 T_2^2 - 16919 a_2 b_5 T_1 T_2^2 + 10666 a_4 b_5 T_1 T_2^2 + 740 c_{16} T_1 T_2^2 - 4480 c_{19} T_1 T_2^2 + 740 c_{31} T_1 T_2^2 - 4480 c_{34} T_1 T_2^2 + 740 c_{46} T_1 T_2^2 - 4480 c_{49} T_1 T_2^2 + 740 c_{61} T_1 T_2^2 - 4480 c_{64} T_1 T_2^2 - 19656 c_{81} T_1 T_2^2 - 11840 c_{82} T_1 T_2^2 - 19656 c_{84} T_1 T_2^2 - 7072 c_{85} T_1 T_2^2 - 44588 a_2 b_3 T_1^2 T_2^2 + 37200 a_4 b_3 T_1^2 T_2^2 + 47950 a_2 b_5 T_1^2 T_2^2 - 37200 a_4 b_5 T_1^2 T_2^2 + 12244 c_{16} T_1^2 T_2^2 + 21520 c_{19} T_1^2 T_2^2 + 12244 c_{31} T_1^2 T_2^2 + 21520 c_{34} T_1^2 T_2^2 + 12244 c_{46} T_1^2 T_2^2 +$$



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$$\begin{aligned}
 & 21\,520\,c_{49}\,T_1^2\,T_2^2 + 12\,244\,c_{61}\,T_1^2\,T_2^2 + 21\,520\,c_{64}\,T_1^2\,T_2^2 + 86\,866\,c_{81}\,T_1^2\,T_2^2 + 65\,536\,c_{82}\,T_1^2\,T_2^2 + \\
 & 67\,210\,c_{84}\,T_1^2\,T_2^2 + 36\,720\,c_{85}\,T_1^2\,T_2^2 + 83\,737\,a_2\,b_3\,T_1^3\,T_2^2 - 81\,264\,a_4\,b_3\,T_1^3\,T_2^2 - 69\,101\,a_2\,b_5\,T_1^3\,T_2^2 + \\
 & 65\,903\,a_4\,b_5\,T_1^3\,T_2^2 - 34\,432\,c_{16}\,T_1^3\,T_2^2 - 34\,432\,c_{19}\,T_1^3\,T_2^2 - 34\,432\,c_{31}\,T_1^3\,T_2^2 - 34\,432\,c_{34}\,T_1^3\,T_2^2 - \\
 & 34\,432\,c_{46}\,T_1^3\,T_2^2 - 34\,432\,c_{49}\,T_1^3\,T_2^2 - 34\,432\,c_{61}\,T_1^3\,T_2^2 - 34\,432\,c_{64}\,T_1^3\,T_2^2 - 128\,788\,c_{81}\,T_1^3\,T_2^2 - \\
 & 128\,788\,c_{82}\,T_1^3\,T_2^2 - 61\,578\,c_{84}\,T_1^3\,T_2^2 - 61\,578\,c_{85}\,T_1^3\,T_2^2 - 87\,193\,a_2\,b_3\,T_1^4\,T_2^2 + 101\,370\,a_4\,b_3\,T_1^4\,T_2^2 + \\
 & 50\,361\,a_2\,b_5\,T_1^4\,T_2^2 - 60\,434\,a_4\,b_5\,T_1^4\,T_2^2 + 1480\,c_{16}\,T_1^4\,T_2^2 + 14\,581\,c_{19}\,T_1^4\,T_2^2 + 1480\,c_{31}\,T_1^4\,T_2^2 + \\
 & 14\,581\,c_{34}\,T_1^4\,T_2^2 + 1480\,c_{46}\,T_1^4\,T_2^2 + 14\,581\,c_{49}\,T_1^4\,T_2^2 + 1480\,c_{61}\,T_1^4\,T_2^2 + 14\,581\,c_{64}\,T_1^4\,T_2^2 + \\
 & 50\,562\,c_{81}\,T_1^4\,T_2^2 + 85\,534\,c_{82}\,T_1^4\,T_2^2 - 11\,016\,c_{84}\,T_1^4\,T_2^2 + 12\,402\,c_{85}\,T_1^4\,T_2^2 + 47\,090\,a_2\,b_3\,T_1^5\,T_2^2 - \\
 & 68\,627\,a_4\,b_3\,T_1^5\,T_2^2 - 14\,995\,a_2\,b_5\,T_1^5\,T_2^2 + 24\,215\,a_4\,b_5\,T_1^5\,T_2^2 + 57\,124\,c_{16}\,T_1^5\,T_2^2 + 13\,840\,c_{19}\,T_1^5\,T_2^2 + \\
 & 57\,124\,c_{31}\,T_1^5\,T_2^2 + 13\,840\,c_{34}\,T_1^5\,T_2^2 + 57\,124\,c_{46}\,T_1^5\,T_2^2 + 13\,840\,c_{49}\,T_1^5\,T_2^2 + 57\,124\,c_{61}\,T_1^5\,T_2^2 + \\
 & 13\,840\,c_{64}\,T_1^5\,T_2^2 + 46\,584\,c_{81}\,T_1^5\,T_2^2 + 44\,688\,c_{82}\,T_1^5\,T_2^2 + 35\,568\,c_{84}\,T_1^5\,T_2^2 + 75\,722\,c_{85}\,T_1^5\,T_2^2 - \\
 & 8899\,a_2\,b_3\,T_1^6\,T_2^2 + 20\,535\,a_4\,b_3\,T_1^6\,T_2^2 - 556\,a_2\,b_5\,T_1^6\,T_2^2 - 1620\,a_4\,b_5\,T_1^6\,T_2^2 - 43\,500\,c_{16}\,T_1^6\,T_2^2 - \\
 & 15\,085\,c_{19}\,T_1^6\,T_2^2 - 43\,500\,c_{31}\,T_1^6\,T_2^2 - 15\,085\,c_{34}\,T_1^6\,T_2^2 - 43\,500\,c_{46}\,T_1^6\,T_2^2 - 15\,085\,c_{49}\,T_1^6\,T_2^2 - \\
 & 43\,500\,c_{61}\,T_1^6\,T_2^2 - 15\,085\,c_{64}\,T_1^6\,T_2^2 - 44\,944\,c_{81}\,T_1^6\,T_2^2 - 94\,282\,c_{82}\,T_1^6\,T_2^2 - 9376\,c_{84}\,T_1^6\,T_2^2 - \\
 & 88\,146\,c_{85}\,T_1^6\,T_2^2 - 2044\,a_2\,b_3\,T_1^7\,T_2^2 - 132\,a_4\,b_3\,T_1^7\,T_2^2 + 800\,a_2\,b_5\,T_1^7\,T_2^2 - 800\,a_4\,b_5\,T_1^7\,T_2^2 + \\
 & 3224\,c_{16}\,T_1^7\,T_2^2 + 4264\,c_{19}\,T_1^7\,T_2^2 + 3224\,c_{31}\,T_1^7\,T_2^2 + 4264\,c_{34}\,T_1^7\,T_2^2 + 3224\,c_{46}\,T_1^7\,T_2^2 + 4264\,c_{49}\,T_1^7\,T_2^2 + \\
 & 3224\,c_{61}\,T_1^7\,T_2^2 + 4264\,c_{64}\,T_1^7\,T_2^2 + 8224\,c_{81}\,T_1^7\,T_2^2 + 44\,944\,c_{82}\,T_1^7\,T_2^2 - 1152\,c_{84}\,T_1^7\,T_2^2 + \\
 & 35\,568\,c_{85}\,T_1^7\,T_2^2 + 800\,a_2\,b_3\,T_1^8\,T_2^2 - 800\,a_4\,b_3\,T_1^8\,T_2^2 + 3120\,c_{16}\,T_1^8\,T_2^2 - 208\,c_{19}\,T_1^8\,T_2^2 + \\
 & 3120\,c_{31}\,T_1^8\,T_2^2 - 208\,c_{34}\,T_1^8\,T_2^2 + 3120\,c_{46}\,T_1^8\,T_2^2 - 208\,c_{49}\,T_1^8\,T_2^2 + 3120\,c_{61}\,T_1^8\,T_2^2 - 208\,c_{64}\,T_1^8\,T_2^2 + \\
 & 1152\,c_{81}\,T_1^8\,T_2^2 - 4768\,c_{82}\,T_1^8\,T_2^2 - 2592\,c_{85}\,T_1^8\,T_2^2 - 1024\,c_{82}\,T_1^9\,T_2^2 - 1024\,c_{85}\,T_1^9\,T_2^2 + 968\,a_2\,b_3\,T_1^9\,T_2^2 - \\
 & 1492\,a_4\,b_3\,T_1^9\,T_2^2 - 2460\,a_2\,b_5\,T_1^9\,T_2^2 + 2460\,a_4\,b_5\,T_1^9\,T_2^2 - 11\,186\,a_2\,b_3\,T_1\,T_2^3 + 15\,049\,a_4\,b_3\,T_1\,T_2^3 + \\
 & 21\,315\,a_2\,b_5\,T_1\,T_2^3 - 21\,839\,a_4\,b_5\,T_1\,T_2^3 - 740\,c_{16}\,T_1\,T_2^3 + 6784\,c_{19}\,T_1\,T_2^3 - 740\,c_{31}\,T_1\,T_2^3 + \\
 & 6784\,c_{34}\,T_1\,T_2^3 - 740\,c_{46}\,T_1\,T_2^3 + 6784\,c_{49}\,T_1\,T_2^3 - 740\,c_{61}\,T_1\,T_2^3 + 6784\,c_{64}\,T_1\,T_2^3 + 26\,640\,c_{81}\,T_1\,T_2^3 + \\
 & 11\,552\,c_{82}\,T_1\,T_2^3 + 26\,640\,c_{84}\,T_1\,T_2^3 + 4480\,c_{85}\,T_1\,T_2^3 + 45\,828\,a_2\,b_3\,T_1^2\,T_2^3 - 65\,903\,a_4\,b_3\,T_1^2\,T_2^3 - \\
 & 69\,101\,a_2\,b_5\,T_1^2\,T_2^3 + 81\,264\,a_4\,b_5\,T_1^2\,T_2^3 - 13\,505\,c_{16}\,T_1^2\,T_2^3 - 22\,752\,c_{19}\,T_1^2\,T_2^3 - 13\,505\,c_{31}\,T_1^2\,T_2^3 - \\
 & 22\,752\,c_{34}\,T_1^2\,T_2^3 - 13\,505\,c_{46}\,T_1^2\,T_2^3 - 22\,752\,c_{49}\,T_1^2\,T_2^3 - 13\,505\,c_{61}\,T_1^2\,T_2^3 - 22\,752\,c_{64}\,T_1^2\,T_2^3 - \\
 & 99\,772\,c_{81}\,T_1^2\,T_2^3 - 51\,696\,c_{82}\,T_1^2\,T_2^3 - 73\,132\,c_{84}\,T_1^2\,T_2^3 - 14\,976\,c_{85}\,T_1^2\,T_2^3 - 87\,076\,a_2\,b_3\,T_1^3\,T_2^2 + \\
 & 152\,838\,a_4\,b_3\,T_1^3\,T_2^2 + 101\,712\,a_2\,b_5\,T_1^3\,T_2^2 - 152\,838\,a_4\,b_5\,T_1^3\,T_2^2 + 14\,581\,c_{16}\,T_1^3\,T_2^2 + 1480\,c_{19}\,T_1^3\,T_2^2 + \\
 & 14\,581\,c_{31}\,T_1^3\,T_2^2 + 1480\,c_{34}\,T_1^3\,T_2^2 + 14\,581\,c_{46}\,T_1^3\,T_2^2 + 1480\,c_{49}\,T_1^3\,T_2^2 + 14\,581\,c_{61}\,T_1^3\,T_2^2 + \\
 & 1480\,c_{64}\,T_1^3\,T_2^2 + 85\,534\,c_{81}\,T_1^3\,T_2^2 + 50\,562\,c_{82}\,T_1^3\,T_2^2 + 12\,402\,c_{84}\,T_1^3\,T_2^2 - 11\,016\,c_{85}\,T_1^3\,T_2^2 + \\
 & 74\,996\,a_2\,b_3\,T_1^4\,T_2^3 - 188\,905\,a_4\,b_3\,T_1^4\,T_2^3 - 60\,477\,a_2\,b_5\,T_1^4\,T_2^3 + 137\,437\,a_4\,b_5\,T_1^4\,T_2^3 + \\
 & 72\,686\,c_{16}\,T_1^4\,T_2^3 + 72\,686\,c_{19}\,T_1^4\,T_2^3 + 72\,686\,c_{31}\,T_1^4\,T_2^3 + 72\,686\,c_{34}\,T_1^4\,T_2^3 + 72\,686\,c_{46}\,T_1^4\,T_2^3 + \\
 & 72\,686\,c_{49}\,T_1^4\,T_2^3 + 72\,686\,c_{61}\,T_1^4\,T_2^3 + 72\,686\,c_{64}\,T_1^4\,T_2^3 + 96\,210\,c_{81}\,T_1^4\,T_2^3 + 96\,210\,c_{82}\,T_1^4\,T_2^3 + \\
 & 108\,612\,c_{84}\,T_1^4\,T_2^3 + 108\,612\,c_{85}\,T_1^4\,T_2^3 - 10\,468\,a_2\,b_3\,T_1^5\,T_2^3 + 107\,567\,a_4\,b_3\,T_1^5\,T_2^3 - 2919\,a_2\,b_5\,T_1^5\,T_2^3 - \\
 & 38\,757\,a_4\,b_5\,T_1^5\,T_2^3 - 126\,230\,c_{16}\,T_1^5\,T_2^3 - 94\,611\,c_{19}\,T_1^5\,T_2^3 - 126\,230\,c_{31}\,T_1^5\,T_2^3 - 94\,611\,c_{34}\,T_1^5\,T_2^3 - \\
 & 126\,230\,c_{46}\,T_1^5\,T_2^3 - 94\,611\,c_{49}\,T_1^5\,T_2^3 - 126\,230\,c_{61}\,T_1^5\,T_2^3 - 94\,611\,c_{64}\,T_1^5\,T_2^3 - 196\,758\,c_{81}\,T_1^5\,T_2^3 - \\
 & 249\,922\,c_{82}\,T_1^5\,T_2^3 - 88\,146\,c_{84}\,T_1^5\,T_2^3 - 174\,200\,c_{85}\,T_1^5\,T_2^3 - 28\,188\,a_2\,b_3\,T_1^6\,T_2^3 - 5980\,a_4\,b_3\,T_1^6\,T_2^3 + \\
 & 16\,370\,a_2\,b_5\,T_1^6\,T_2^3 - 12\,242\,a_4\,b_5\,T_1^6\,T_2^3 + 33\,251\,c_{16}\,T_1^6\,T_2^3 + 36\,481\,c_{19}\,T_1^6\,T_2^3 + 33\,251\,c_{31}\,T_1^6\,T_2^3 + \\
 & 36\,481\,c_{34}\,T_1^6\,T_2^3 + 33\,251\,c_{46}\,T_1^6\,T_2^3 + 36\,481\,c_{49}\,T_1^6\,T_2^3 + 33\,251\,c_{61}\,T_1^6\,T_2^3 + 36\,481\,c_{64}\,T_1^6\,T_2^3 + \\
 & 94\,282\,c_{81}\,T_1^6\,T_2^3 + 196\,758\,c_{82}\,T_1^6\,T_2^3 + 6136\,c_{84}\,T_1^6\,T_2^3 + 108\,612\,c_{85}\,T_1^6\,T_2^3 + 18\,766\,a_2\,b_3\,T_1^7\,T_2^3 - \\
 & 18\,414\,a_4\,b_3\,T_1^7\,T_2^3 - 4440\,a_2\,b_5\,T_1^7\,T_2^3 + 6040\,a_4\,b_5\,T_1^7\,T_2^3 + 33\,789\,c_{16}\,T_1^7\,T_2^3 + 3340\,c_{19}\,T_1^7\,T_2^3 + \\
 & 33\,789\,c_{31}\,T_1^7\,T_2^3 + 3340\,c_{34}\,T_1^7\,T_2^3 + 33\,789\,c_{46}\,T_1^7\,T_2^3 + 3340\,c_{49}\,T_1^7\,T_2^3 + 33\,789\,c_{61}\,T_1^7\,T_2^3 + \\
 & 3340\,c_{64}\,T_1^7\,T_2^3 + 1352\,c_{81}\,T_1^7\,T_2^3 - 46\,584\,c_{82}\,T_1^7\,T_2^3 + 7488\,c_{84}\,T_1^7\,T_2^3 - 11\,016\,c_{85}\,T_1^7\,T_2^3 - \\
 & 3640\,a_2\,b_3\,T_1^8\,T_2^3 + 5240\,a_4\,b_3\,T_1^8\,T_2^3 - 12\,872\,c_{16}\,T_1^8\,T_2^3 - 3472\,c_{19}\,T_1^8\,T_2^3 - 12\,872\,c_{31}\,T_1^8\,T_2^3 - \\
 & 3472\,c_{34}\,T_1^8\,T_2^3 - 12\,872\,c_{46}\,T_1^8\,T_2^3 - 3472\,c_{49}\,T_1^8\,T_2^3 - 12\,872\,c_{61}\,T_1^8\,T_2^3 - 3472\,c_{64}\,T_1^8\,T_2^3 - \\
 & 7488\,c_{81}\,T_1^8\,T_2^3 - 12\,384\,c_{82}\,T_1^8\,T_2^3 - 14\,976\,c_{85}\,T_1^8\,T_2^3 - 960\,c_{16}\,T_1^9\,T_2^3 + 64\,c_{19}\,T_1^9\,T_2^3 - 960\,c_{31}\,T_1^9\,T_2^3 + \\
 & 64\,c_{34}\,T_1^9\,T_2^3 - 960\,c_{46}\,T_1^9\,T_2^3 + 64\,c_{49}\,T_1^9\,T_2^3 - 960\,c_{61}\,T_1^9\,T_2^3 + 64\,c_{64}\,T_1^9\,T_2^3 + 5504\,c_{82}\,T_1^9\,T_2^3 + \\
 & 4480\,c_{85}\,T_1^9\,T_2^3 - 224\,a_2\,b_3\,T_1^4\,T_2^4 + 968\,a_4\,b_3\,T_1^4\,T_2^4 + 1192\,a_2\,b_5\,T_1^4\,T_2^4 - 2460\,a_4\,b_5\,T_1^4\,T_2^4 + 4612\,a_2\,b_3\,T_1\,T_2^4 - \\
 & 12\,378\,a_4\,b_3\,T_1\,T_2^4 - 14\,606\,a_2\,b_5\,T_1\,T_2^4 + 24\,967\,a_4\,b_5\,T_1\,T_2^4 + 352\,c_{16}\,T_1\,T_2^4 - 4288\,c_{19}\,T_1\,T_2^4 + \\
 & 352\,c_{31}\,T_1\,T_2^4 - 4288\,c_{34}\,T_1\,T_2^4 + 352\,c_{46}\,T_1\,T_2^4 - 4288\,c_{49}\,T_1\,T_2^4 + 352\,c_{61}\,T_1\,T_2^4 - 4288\,c_{64}\,T_1\,T_2^4 -
 \end{aligned}$$

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$$\begin{aligned}
 & 19\,656\,c_{81}\,T_1\,T_2^4 - 5504\,c_{82}\,T_1\,T_2^4 - 19\,656\,c_{84}\,T_1\,T_2^4 - 1024\,c_{85}\,T_1\,T_2^4 - 19\,139\,a_2\,b_3\,T_1^2\,T_2^4 + \\
 & 60\,434\,a_4\,b_3\,T_1^2\,T_2^4 + 50\,361\,a_2\,b_5\,T_1^2\,T_2^4 - 101\,370\,a_4\,b_5\,T_1^2\,T_2^4 + 7685\,c_{16}\,T_1^2\,T_2^4 + 1536\,c_{19}\,T_1^2\,T_2^4 + \\
 & 7685\,c_{31}\,T_1^2\,T_2^4 + 1536\,c_{34}\,T_1^2\,T_2^4 + 7685\,c_{46}\,T_1^2\,T_2^4 + 1536\,c_{49}\,T_1^2\,T_2^4 + 7685\,c_{61}\,T_1^2\,T_2^4 + 1536\,c_{64}\,T_1^2\,T_2^4 + \\
 & 50\,690\,c_{81}\,T_1^2\,T_2^4 + 12\,384\,c_{82}\,T_1^2\,T_2^4 + 31\,034\,c_{84}\,T_1^2\,T_2^4 - 2592\,c_{85}\,T_1^2\,T_2^4 + 23\,762\,a_2\,b_3\,T_1^3\,T_2^4 - \\
 & 137\,437\,a_4\,b_3\,T_1^3\,T_2^4 - 60\,477\,a_2\,b_5\,T_1^3\,T_2^4 + 188\,905\,a_4\,b_5\,T_1^3\,T_2^4 + 13\,840\,c_{16}\,T_1^3\,T_2^4 + 57\,124\,c_{19}\,T_1^3\,T_2^4 + \\
 & 13\,840\,c_{31}\,T_1^3\,T_2^4 + 57\,124\,c_{34}\,T_1^3\,T_2^4 + 13\,840\,c_{46}\,T_1^3\,T_2^4 + 57\,124\,c_{49}\,T_1^3\,T_2^4 + 13\,840\,c_{61}\,T_1^3\,T_2^4 + \\
 & 57\,124\,c_{64}\,T_1^3\,T_2^4 + 44\,688\,c_{81}\,T_1^3\,T_2^4 + 46\,584\,c_{82}\,T_1^3\,T_2^4 + 75\,722\,c_{84}\,T_1^3\,T_2^4 + 35\,568\,c_{85}\,T_1^3\,T_2^4 + \\
 & 18\,731\,a_2\,b_3\,T_1^4\,T_2^4 + 135\,473\,a_4\,b_3\,T_1^4\,T_2^4 - 4212\,a_2\,b_5\,T_1^4\,T_2^4 - 135\,473\,a_4\,b_5\,T_1^4\,T_2^4 - \\
 & 94\,611\,c_{16}\,T_1^4\,T_2^4 - 126\,230\,c_{19}\,T_1^4\,T_2^4 - 94\,611\,c_{31}\,T_1^4\,T_2^4 - 126\,230\,c_{34}\,T_1^4\,T_2^4 - 94\,611\,c_{46}\,T_1^4\,T_2^4 - \\
 & 126\,230\,c_{49}\,T_1^4\,T_2^4 - 94\,611\,c_{61}\,T_1^4\,T_2^4 - 126\,230\,c_{64}\,T_1^4\,T_2^4 - 249\,922\,c_{81}\,T_1^4\,T_2^4 - 196\,758\,c_{82}\,T_1^4\,T_2^4 - \\
 & 174\,200\,c_{84}\,T_1^4\,T_2^4 - 88\,146\,c_{85}\,T_1^4\,T_2^4 - 76\,847\,a_2\,b_3\,T_1^5\,T_2^4 - 6256\,a_4\,b_3\,T_1^5\,T_2^4 + 62\,167\,a_2\,b_5\,T_1^5\,T_2^4 - \\
 & 21\,650\,a_4\,b_5\,T_1^5\,T_2^4 + 68\,276\,c_{16}\,T_1^5\,T_2^4 + 68\,276\,c_{19}\,T_1^5\,T_2^4 + 68\,276\,c_{31}\,T_1^5\,T_2^4 + 68\,276\,c_{34}\,T_1^5\,T_2^4 + \\
 & 68\,276\,c_{46}\,T_1^5\,T_2^4 + 68\,276\,c_{49}\,T_1^5\,T_2^4 + 68\,276\,c_{61}\,T_1^5\,T_2^4 + 68\,276\,c_{64}\,T_1^5\,T_2^4 + 249\,922\,c_{81}\,T_1^5\,T_2^4 + \\
 & 249\,922\,c_{82}\,T_1^5\,T_2^4 + 75\,722\,c_{84}\,T_1^5\,T_2^4 + 75\,722\,c_{85}\,T_1^5\,T_2^4 + 77\,784\,a_2\,b_3\,T_1^6\,T_2^4 - 90\,355\,a_4\,b_3\,T_1^6\,T_2^4 - \\
 & 43\,805\,a_2\,b_5\,T_1^6\,T_2^4 + 62\,725\,a_4\,b_5\,T_1^6\,T_2^4 + 74\,435\,c_{16}\,T_1^6\,T_2^4 + 40\,274\,c_{19}\,T_1^6\,T_2^4 + 74\,435\,c_{31}\,T_1^6\,T_2^4 + \\
 & 40\,274\,c_{34}\,T_1^6\,T_2^4 + 74\,435\,c_{46}\,T_1^6\,T_2^4 + 40\,274\,c_{49}\,T_1^6\,T_2^4 + 74\,435\,c_{61}\,T_1^6\,T_2^4 + 40\,274\,c_{64}\,T_1^6\,T_2^4 - \\
 & 44\,688\,c_{81}\,T_1^6\,T_2^4 - 96\,210\,c_{82}\,T_1^6\,T_2^4 + 31\,034\,c_{84}\,T_1^6\,T_2^4 + 12\,402\,c_{85}\,T_1^6\,T_2^4 - 34\,419\,a_2\,b_3\,T_1^7\,T_2^4 + \\
 & 62\,571\,a_4\,b_3\,T_1^7\,T_2^4 + 9380\,a_2\,b_5\,T_1^7\,T_2^4 - 18\,260\,a_4\,b_5\,T_1^7\,T_2^4 - 87\,748\,c_{16}\,T_1^7\,T_2^4 - 46\,932\,c_{19}\,T_1^7\,T_2^4 - \\
 & 87\,748\,c_{31}\,T_1^7\,T_2^4 - 46\,932\,c_{34}\,T_1^7\,T_2^4 - 87\,748\,c_{46}\,T_1^7\,T_2^4 - 46\,932\,c_{49}\,T_1^7\,T_2^4 - 87\,748\,c_{61}\,T_1^7\,T_2^4 - \\
 & 46\,932\,c_{64}\,T_1^7\,T_2^4 - 50\,690\,c_{81}\,T_1^7\,T_2^4 - 50\,562\,c_{82}\,T_1^7\,T_2^4 - 19\,656\,c_{84}\,T_1^7\,T_2^4 - 61\,578\,c_{85}\,T_1^7\,T_2^4 + \\
 & 5740\,a_2\,b_3\,T_1^8\,T_2^4 - 13\,020\,a_4\,b_3\,T_1^8\,T_2^4 + 12\,491\,c_{16}\,T_1^8\,T_2^4 + 9280\,c_{19}\,T_1^8\,T_2^4 + 12\,491\,c_{31}\,T_1^8\,T_2^4 + \\
 & 9280\,c_{34}\,T_1^8\,T_2^4 + 12\,491\,c_{46}\,T_1^8\,T_2^4 + 9280\,c_{49}\,T_1^8\,T_2^4 + 12\,491\,c_{61}\,T_1^8\,T_2^4 + 9280\,c_{64}\,T_1^8\,T_2^4 + \\
 & 19\,656\,c_{81}\,T_1^8\,T_2^4 + 51\,696\,c_{82}\,T_1^8\,T_2^4 + 36\,720\,c_{85}\,T_1^8\,T_2^4 + 5280\,c_{16}\,T_1^9\,T_2^4 + 960\,c_{19}\,T_1^9\,T_2^4 + \\
 & 5280\,c_{31}\,T_1^9\,T_2^4 + 960\,c_{34}\,T_1^9\,T_2^4 + 5280\,c_{46}\,T_1^9\,T_2^4 + 960\,c_{49}\,T_1^9\,T_2^4 + 5280\,c_{61}\,T_1^9\,T_2^4 + 960\,c_{64}\,T_1^9\,T_2^4 - \\
 & 11\,552\,c_{82}\,T_1^9\,T_2^4 - 7072\,c_{85}\,T_1^9\,T_2^4 - 224\,a_4\,b_3\,T_1^5\,T_2^5 - 224\,a_2\,b_5\,T_1^5\,T_2^5 + 1192\,a_4\,b_5\,T_1^5\,T_2^5 - 688\,a_2\,b_3\,T_1\,T_2^5 + \\
 & 4836\,a_4\,b_3\,T_1\,T_2^5 + 5076\,a_2\,b_5\,T_1\,T_2^5 - 16\,022\,a_4\,b_5\,T_1\,T_2^5 - 64\,c_{16}\,T_1\,T_2^5 + 960\,c_{19}\,T_1\,T_2^5 - \\
 & 64\,c_{31}\,T_1\,T_2^5 + 960\,c_{34}\,T_1\,T_2^5 - 64\,c_{46}\,T_1\,T_2^5 + 960\,c_{49}\,T_1\,T_2^5 - 64\,c_{61}\,T_1\,T_2^5 + 960\,c_{64}\,T_1\,T_2^5 + \\
 & 7488\,c_{81}\,T_1\,T_2^5 + 1024\,c_{82}\,T_1\,T_2^5 + 7488\,c_{84}\,T_1\,T_2^5 + 932\,a_2\,b_3\,T_1^2\,T_2^5 - 24\,215\,a_4\,b_3\,T_1^2\,T_2^5 - \\
 & 14\,995\,a_2\,b_5\,T_1^2\,T_2^5 + 68\,627\,a_4\,b_5\,T_1^2\,T_2^5 - 2104\,c_{16}\,T_1^2\,T_2^5 + 8656\,c_{19}\,T_1^2\,T_2^5 - 2104\,c_{31}\,T_1^2\,T_2^5 + \\
 & 8656\,c_{34}\,T_1^2\,T_2^5 - 2104\,c_{46}\,T_1^2\,T_2^5 + 8656\,c_{49}\,T_1^2\,T_2^5 - 2104\,c_{61}\,T_1^2\,T_2^5 + 8656\,c_{64}\,T_1^2\,T_2^5 - 1352\,c_{81}\,T_1^2\,T_2^5 + \\
 & 4768\,c_{82}\,T_1^2\,T_2^5 + 6136\,c_{84}\,T_1^2\,T_2^5 + 2176\,c_{85}\,T_1^2\,T_2^5 + 11\,686\,a_2\,b_3\,T_1^3\,T_2^5 + 38\,757\,a_4\,b_3\,T_1^3\,T_2^5 - \\
 & 2919\,a_2\,b_5\,T_1^3\,T_2^5 - 107\,567\,a_4\,b_5\,T_1^3\,T_2^5 - 15\,085\,c_{16}\,T_1^3\,T_2^5 - 43\,500\,c_{19}\,T_1^3\,T_2^5 - 15\,085\,c_{31}\,T_1^3\,T_2^5 - \\
 & 43\,500\,c_{34}\,T_1^3\,T_2^5 - 15\,085\,c_{46}\,T_1^3\,T_2^5 - 43\,500\,c_{49}\,T_1^3\,T_2^5 - 15\,085\,c_{61}\,T_1^3\,T_2^5 - 43\,500\,c_{64}\,T_1^3\,T_2^5 - \\
 & 94\,282\,c_{81}\,T_1^3\,T_2^5 - 44\,944\,c_{82}\,T_1^3\,T_2^5 - 88\,146\,c_{84}\,T_1^3\,T_2^5 - 9376\,c_{85}\,T_1^3\,T_2^5 - 46\,355\,a_2\,b_3\,T_1^4\,T_2^5 + \\
 & 21\,650\,a_4\,b_3\,T_1^4\,T_2^5 + 62\,167\,a_2\,b_5\,T_1^4\,T_2^5 + 6256\,a_4\,b_5\,T_1^4\,T_2^5 + 36\,481\,c_{16}\,T_1^4\,T_2^5 + 33\,251\,c_{19}\,T_1^4\,T_2^5 + \\
 & 36\,481\,c_{31}\,T_1^4\,T_2^5 + 33\,251\,c_{34}\,T_1^4\,T_2^5 + 36\,481\,c_{46}\,T_1^4\,T_2^5 + 33\,251\,c_{49}\,T_1^4\,T_2^5 + 36\,481\,c_{61}\,T_1^4\,T_2^5 + \\
 & 33\,251\,c_{64}\,T_1^4\,T_2^5 + 196\,758\,c_{81}\,T_1^4\,T_2^5 + 94\,282\,c_{82}\,T_1^4\,T_2^5 + 108\,612\,c_{84}\,T_1^4\,T_2^5 + 6136\,c_{85}\,T_1^4\,T_2^5 + \\
 & 73\,246\,a_2\,b_3\,T_1^5\,T_2^5 - 139\,014\,a_4\,b_3\,T_1^5\,T_2^5 - 87\,926\,a_2\,b_5\,T_1^5\,T_2^5 + 139\,014\,a_4\,b_5\,T_1^5\,T_2^5 + \\
 & 40\,274\,c_{16}\,T_1^5\,T_2^5 + 74\,435\,c_{19}\,T_1^5\,T_2^5 + 40\,274\,c_{31}\,T_1^5\,T_2^5 + 74\,435\,c_{34}\,T_1^5\,T_2^5 + 40\,274\,c_{46}\,T_1^5\,T_2^5 + \\
 & 74\,435\,c_{49}\,T_1^5\,T_2^5 + 40\,274\,c_{61}\,T_1^5\,T_2^5 + 74\,435\,c_{64}\,T_1^5\,T_2^5 - 96\,210\,c_{81}\,T_1^5\,T_2^5 - 44\,688\,c_{82}\,T_1^5\,T_2^5 + \\
 & 12\,402\,c_{84}\,T_1^5\,T_2^5 + 31\,034\,c_{85}\,T_1^5\,T_2^5 - 58\,343\,a_2\,b_3\,T_1^6\,T_2^5 + 165\,710\,a_4\,b_3\,T_1^6\,T_2^5 + 48\,201\,a_2\,b_5\,T_1^6\,T_2^5 - \\
 & 117\,051\,a_4\,b_5\,T_1^6\,T_2^5 - 127\,442\,c_{16}\,T_1^6\,T_2^5 - 127\,442\,c_{19}\,T_1^6\,T_2^5 - 127\,442\,c_{31}\,T_1^6\,T_2^5 - 127\,442\,c_{34}\,T_1^6\,T_2^5 - \\
 & 127\,442\,c_{46}\,T_1^6\,T_2^5 - 127\,442\,c_{49}\,T_1^6\,T_2^5 - 127\,442\,c_{61}\,T_1^6\,T_2^5 - 127\,442\,c_{64}\,T_1^6\,T_2^5 - 85\,534\,c_{81}\,T_1^6\,T_2^5 - \\
 & 85\,534\,c_{82}\,T_1^6\,T_2^5 - 73\,132\,c_{84}\,T_1^6\,T_2^5 - 73\,132\,c_{85}\,T_1^6\,T_2^5 + 23\,162\,a_2\,b_3\,T_1^7\,T_2^5 - 82\,620\,a_4\,b_3\,T_1^7\,T_2^5 - \\
 & 9380\,a_2\,b_5\,T_1^7\,T_2^5 + 28\,140\,a_4\,b_5\,T_1^7\,T_2^5 + 65\,535\,c_{16}\,T_1^7\,T_2^5 + 55\,528\,c_{19}\,T_1^7\,T_2^5 + 65\,535\,c_{31}\,T_1^7\,T_2^5 + \\
 & 55\,528\,c_{34}\,T_1^7\,T_2^5 + 65\,535\,c_{46}\,T_1^7\,T_2^5 + 55\,528\,c_{49}\,T_1^7\,T_2^5 + 65\,535\,c_{61}\,T_1^7\,T_2^5 + 55\,528\,c_{64}\,T_1^7\,T_2^5 + \\
 & 99\,772\,c_{81}\,T_1^7\,T_2^5 + 128\,788\,c_{82}\,T_1^7\,T_2^5 + 26\,640\,c_{84}\,T_1^7\,T_2^5 + 67\,210\,c_{85}\,T_1^7\,T_2^5 - 3640\,a_2\,b_3\,T_1^8\,T_2^5 + \\
 & 15\,120\,a_4\,b_3\,T_1^8\,T_2^5 + 13\,505\,c_{16}\,T_1^8\,T_2^5 + 2592\,c_{19}\,T_1^8\,T_2^5 + 13\,505\,c_{31}\,T_1^8\,T_2^5 + 2592\,c_{34}\,T_1^8\,T_2^5 + \\
 & 13\,505\,c_{46}\,T_1^8\,T_2^5 + 2592\,c_{49}\,T_1^8\,T_2^5 + 13\,505\,c_{61}\,T_1^8\,T_2^5 + 2592\,c_{64}\,T_1^8\,T_2^5 - 26\,640\,c_{81}\,T_1^8\,T_2^5 - \\
 & 65\,536\,c_{82}\,T_1^8\,T_2^5 - 28\,816\,c_{85}\,T_1^8\,T_2^5 - 11\,100\,c_{16}\,T_1^9\,T_2^5 - 4480\,c_{19}\,T_1^9\,T_2^5 - 11\,100\,c_{31}\,T_1^9\,T_2^5 -
 \end{aligned}$$

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$$\begin{aligned}
 & 4480 c_{34} T_1^9 T_2^5 - 11100 c_{46} T_1^9 T_2^5 - 4480 c_{49} T_1^9 T_2^5 - 11100 c_{61} T_1^9 T_2^5 - 4480 c_{64} T_1^9 T_2^5 + \\
 & 11840 c_{82} T_1^9 T_2^5 + 4768 c_{85} T_1^9 T_2^5 - 224 a_4 b_5 T_2^6 - 688 a_4 b_3 T_1 T_2^6 - 688 a_2 b_5 T_1 T_2^6 + \\
 & 5300 a_4 b_5 T_1 T_2^6 - 1152 c_{81} T_1 T_2^6 - 1152 c_{84} T_1 T_2^6 + 800 a_2 b_3 T_1^2 T_2^6 + 1620 a_4 b_3 T_1^2 T_2^6 - \\
 & 556 a_2 b_5 T_1^2 T_2^6 - 20535 a_4 b_5 T_1^2 T_2^6 + 208 c_{16} T_1^2 T_2^6 - 3120 c_{19} T_1^2 T_2^6 + 208 c_{31} T_1^2 T_2^6 - \\
 & 3120 c_{34} T_1^2 T_2^6 + 208 c_{46} T_1^2 T_2^6 - 3120 c_{49} T_1^2 T_2^6 + 208 c_{61} T_1^2 T_2^6 - 3120 c_{64} T_1^2 T_2^6 - 8224 c_{81} T_1^2 T_2^6 - \\
 & 2176 c_{82} T_1^2 T_2^6 - 9376 c_{84} T_1^2 T_2^6 - 5240 a_2 b_3 T_1^3 T_2^6 + 12242 a_4 b_3 T_1^3 T_2^6 + 16370 a_2 b_5 T_1^3 T_2^6 + \\
 & 5980 a_4 b_5 T_1^3 T_2^6 + 4264 c_{16} T_1^3 T_2^6 + 3224 c_{19} T_1^3 T_2^6 + 4264 c_{31} T_1^3 T_2^6 + 3224 c_{34} T_1^3 T_2^6 + \\
 & 4264 c_{46} T_1^3 T_2^6 + 3224 c_{49} T_1^3 T_2^6 + 4264 c_{61} T_1^3 T_2^6 + 3224 c_{64} T_1^3 T_2^6 + 44944 c_{81} T_1^3 T_2^6 + \\
 & 8224 c_{82} T_1^3 T_2^6 + 35568 c_{84} T_1^3 T_2^6 - 1152 c_{85} T_1^3 T_2^6 + 13820 a_2 b_3 T_1^4 T_2^6 - 62725 a_4 b_3 T_1^4 T_2^6 - \\
 & 43805 a_2 b_5 T_1^4 T_2^6 + 90355 a_4 b_5 T_1^4 T_2^6 + 3340 c_{16} T_1^4 T_2^6 + 33789 c_{19} T_1^4 T_2^6 + 3340 c_{31} T_1^4 T_2^6 + \\
 & 33789 c_{34} T_1^4 T_2^6 + 3340 c_{46} T_1^4 T_2^6 + 33789 c_{49} T_1^4 T_2^6 + 3340 c_{61} T_1^4 T_2^6 + 33789 c_{64} T_1^4 T_2^6 - \\
 & 46584 c_{81} T_1^4 T_2^6 + 1352 c_{82} T_1^4 T_2^6 - 11016 c_{84} T_1^4 T_2^6 + 7488 c_{85} T_1^4 T_2^6 - 18760 a_2 b_3 T_1^5 T_2^6 + \\
 & 117051 a_4 b_3 T_1^5 T_2^6 + 48201 a_2 b_5 T_1^5 T_2^6 - 165710 a_4 b_5 T_1^5 T_2^6 - 46932 c_{16} T_1^5 T_2^6 - 87748 c_{19} T_1^5 T_2^6 - \\
 & 46932 c_{31} T_1^5 T_2^6 - 87748 c_{34} T_1^5 T_2^6 - 46932 c_{46} T_1^5 T_2^6 - 87748 c_{49} T_1^5 T_2^6 - 46932 c_{61} T_1^5 T_2^6 - \\
 & 87748 c_{64} T_1^5 T_2^6 - 50562 c_{81} T_1^5 T_2^6 - 50690 c_{82} T_1^5 T_2^6 - 61578 c_{84} T_1^5 T_2^6 - 19656 c_{85} T_1^5 T_2^6 + \\
 & 13820 a_2 b_3 T_1^6 T_2^6 - 106544 a_4 b_3 T_1^6 T_2^6 - 23962 a_2 b_5 T_1^6 T_2^6 + 106544 a_4 b_5 T_1^6 T_2^6 + \\
 & 55528 c_{16} T_1^6 T_2^6 + 65535 c_{19} T_1^6 T_2^6 + 55528 c_{31} T_1^6 T_2^6 + 65535 c_{34} T_1^6 T_2^6 + 55528 c_{46} T_1^6 T_2^6 + \\
 & 65535 c_{49} T_1^6 T_2^6 + 55528 c_{61} T_1^6 T_2^6 + 65535 c_{64} T_1^6 T_2^6 + 128788 c_{81} T_1^6 T_2^6 + 99772 c_{82} T_1^6 T_2^6 + \\
 & 67210 c_{84} T_1^6 T_2^6 + 26640 c_{85} T_1^6 T_2^6 - 5240 a_2 b_3 T_1^7 T_2^6 + 47124 a_4 b_3 T_1^7 T_2^6 + 4440 a_2 b_5 T_1^7 T_2^6 - \\
 & 23200 a_4 b_5 T_1^7 T_2^6 + 4912 c_{16} T_1^7 T_2^6 + 4912 c_{19} T_1^7 T_2^6 + 4912 c_{31} T_1^7 T_2^6 + 4912 c_{34} T_1^7 T_2^6 + \\
 & 4912 c_{46} T_1^7 T_2^6 + 4912 c_{49} T_1^7 T_2^6 + 4912 c_{61} T_1^7 T_2^6 + 4912 c_{64} T_1^7 T_2^6 - 86866 c_{81} T_1^7 T_2^6 - \\
 & 86866 c_{82} T_1^7 T_2^6 - 19656 c_{84} T_1^7 T_2^6 - 19656 c_{85} T_1^7 T_2^6 + 800 a_2 b_3 T_1^8 T_2^6 - 8080 a_4 b_3 T_1^8 T_2^6 - \\
 & 32420 c_{16} T_1^8 T_2^6 - 23376 c_{19} T_1^8 T_2^6 - 32420 c_{31} T_1^8 T_2^6 - 23376 c_{34} T_1^8 T_2^6 - 32420 c_{46} T_1^8 T_2^6 - \\
 & 23376 c_{49} T_1^8 T_2^6 - 32420 c_{61} T_1^8 T_2^6 - 23376 c_{64} T_1^8 T_2^6 + 19656 c_{81} T_1^8 T_2^6 + 36304 c_{82} T_1^8 T_2^6 + \\
 & 7488 c_{85} T_1^8 T_2^6 + 11100 c_{16} T_1^9 T_2^6 + 6784 c_{19} T_1^9 T_2^6 + 11100 c_{31} T_1^9 T_2^6 + 6784 c_{34} T_1^9 T_2^6 + \\
 & 11100 c_{46} T_1^9 T_2^6 + 6784 c_{49} T_1^9 T_2^6 + 11100 c_{61} T_1^9 T_2^6 + 6784 c_{64} T_1^9 T_2^6 - 5920 c_{82} T_1^9 T_2^6 - \\
 & 1152 c_{85} T_1^9 T_2^6 - 688 a_4 b_5 T_1 T_2^7 + 800 a_4 b_3 T_1^2 T_2^7 + 800 a_2 b_5 T_1^2 T_2^7 + 132 a_4 b_5 T_1^3 T_2^7 + \\
 & 2176 c_{81} T_1^2 T_2^7 + 2176 c_{84} T_1^2 T_2^7 - 6040 a_4 b_3 T_1^3 T_2^7 - 4440 a_2 b_5 T_1^3 T_2^7 + 18414 a_4 b_5 T_1^3 T_2^7 - \\
 & 208 c_{16} T_1^3 T_2^7 + 3120 c_{19} T_1^3 T_2^7 - 208 c_{31} T_1^3 T_2^7 + 3120 c_{34} T_1^3 T_2^7 - 208 c_{46} T_1^3 T_2^7 + 3120 c_{49} T_1^3 T_2^7 - \\
 & 208 c_{61} T_1^3 T_2^7 + 3120 c_{64} T_1^3 T_2^7 - 4768 c_{81} T_1^3 T_2^7 + 1152 c_{82} T_1^3 T_2^7 - 2592 c_{84} T_1^3 T_2^7 + \\
 & 18260 a_4 b_3 T_1^4 T_2^7 + 9380 a_2 b_5 T_1^4 T_2^7 - 62571 a_4 b_5 T_1^4 T_2^7 - 3472 c_{16} T_1^4 T_2^7 - 12872 c_{19} T_1^4 T_2^7 - \\
 & 3472 c_{31} T_1^4 T_2^7 - 12872 c_{34} T_1^4 T_2^7 - 3472 c_{46} T_1^4 T_2^7 - 12872 c_{49} T_1^4 T_2^7 - 3472 c_{61} T_1^4 T_2^7 - \\
 & 12872 c_{64} T_1^4 T_2^7 - 12384 c_{81} T_1^4 T_2^7 - 7488 c_{82} T_1^4 T_2^7 - 14976 c_{84} T_1^4 T_2^7 - 28140 a_4 b_3 T_1^5 T_2^7 - \\
 & 9380 a_2 b_5 T_1^5 T_2^7 + 82620 a_4 b_5 T_1^5 T_2^7 + 9280 c_{16} T_1^5 T_2^7 + 12491 c_{19} T_1^5 T_2^7 + 9280 c_{31} T_1^5 T_2^7 + \\
 & 12491 c_{34} T_1^5 T_2^7 + 9280 c_{46} T_1^5 T_2^7 + 12491 c_{49} T_1^5 T_2^7 + 9280 c_{61} T_1^5 T_2^7 + 12491 c_{64} T_1^5 T_2^7 + \\
 & 51696 c_{81} T_1^5 T_2^7 + 19656 c_{82} T_1^5 T_2^7 + 36720 c_{84} T_1^5 T_2^7 + 23200 a_4 b_3 T_1^6 T_2^7 + 4440 a_2 b_5 T_1^6 T_2^7 - \\
 & 47124 a_4 b_5 T_1^6 T_2^7 + 2592 c_{16} T_1^6 T_2^7 + 13505 c_{19} T_1^6 T_2^7 + 2592 c_{31} T_1^6 T_2^7 + 13505 c_{34} T_1^6 T_2^7 + \\
 & 2592 c_{46} T_1^6 T_2^7 + 13505 c_{49} T_1^6 T_2^7 + 2592 c_{61} T_1^6 T_2^7 + 13505 c_{64} T_1^6 T_2^7 - 65536 c_{81} T_1^6 T_2^7 - \\
 & 26640 c_{82} T_1^6 T_2^7 - 28816 c_{84} T_1^6 T_2^7 - 9680 a_4 b_3 T_1^7 T_2^7 - 800 a_2 b_5 T_1^7 T_2^7 + 9680 a_4 b_5 T_1^7 T_2^7 - \\
 & 23376 c_{16} T_1^7 T_2^7 - 32420 c_{19} T_1^7 T_2^7 - 23376 c_{31} T_1^7 T_2^7 - 32420 c_{34} T_1^7 T_2^7 - 23376 c_{46} T_1^7 T_2^7 - \\
 & 32420 c_{49} T_1^7 T_2^7 - 23376 c_{61} T_1^7 T_2^7 - 32420 c_{64} T_1^7 T_2^7 + 36304 c_{81} T_1^7 T_2^7 + 19656 c_{82} T_1^7 T_2^7 + \\
 & 7488 c_{84} T_1^7 T_2^7 + 1600 a_4 b_3 T_1^8 T_2^7 + 20464 c_{16} T_1^8 T_2^7 + 20464 c_{19} T_1^8 T_2^7 + 20464 c_{31} T_1^8 T_2^7 + \\
 & 20464 c_{34} T_1^8 T_2^7 + 20464 c_{46} T_1^8 T_2^7 + 20464 c_{49} T_1^8 T_2^7 + 20464 c_{61} T_1^8 T_2^7 + 20464 c_{64} T_1^8 T_2^7 - \\
 & 7488 c_{81} T_1^8 T_2^7 - 7488 c_{82} T_1^8 T_2^7 - 5280 c_{16} T_1^9 T_2^7 - 4288 c_{19} T_1^9 T_2^7 - 5280 c_{31} T_1^9 T_2^7 - 4288 c_{34} T_1^9 T_2^7 - \\
 & 5280 c_{46} T_1^9 T_2^7 - 4288 c_{49} T_1^9 T_2^7 - 5280 c_{61} T_1^9 T_2^7 - 4288 c_{64} T_1^9 T_2^7 + 1152 c_{82} T_1^9 T_2^7 + \\
 & 800 a_4 b_5 T_1^2 T_2^8 - 5240 a_4 b_5 T_1^3 T_2^8 - 1024 c_{81} T_1^3 T_2^8 - 1024 c_{84} T_1^3 T_2^8 + 13020 a_4 b_5 T_1^4 T_2^8 + \\
 & 64 c_{16} T_1^4 T_2^8 - 960 c_{19} T_1^4 T_2^8 + 64 c_{31} T_1^4 T_2^8 - 960 c_{34} T_1^4 T_2^8 + 64 c_{46} T_1^4 T_2^8 - 960 c_{49} T_1^4 T_2^8 + \\
 & 64 c_{61} T_1^4 T_2^8 - 960 c_{64} T_1^4 T_2^8 + 5504 c_{81} T_1^4 T_2^8 + 4480 c_{84} T_1^4 T_2^8 - 15120 a_4 b_5 T_1^5 T_2^8 + 960 c_{16} T_1^5 T_2^8 + \\
 & 5280 c_{19} T_1^5 T_2^8 + 960 c_{31} T_1^5 T_2^8 + 5280 c_{34} T_1^5 T_2^8 + 960 c_{46} T_1^5 T_2^8 + 5280 c_{49} T_1^5 T_2^8 + 960 c_{61} T_1^5 T_2^8 + \\
 & 5280 c_{64} T_1^5 T_2^8 - 11552 c_{81} T_1^5 T_2^8 - 7072 c_{84} T_1^5 T_2^8 + 8080 a_4 b_5 T_1^6 T_2^8 - 4480 c_{16} T_1^6 T_2^8 -
 \end{aligned}$$

$$\begin{aligned}
 & 11\,100\,c_{19}\,T_1^6\,T_2^8 - 4480\,c_{31}\,T_1^6\,T_2^8 - 11\,100\,c_{34}\,T_1^6\,T_2^8 - 4480\,c_{46}\,T_1^6\,T_2^8 - 11\,100\,c_{49}\,T_1^6\,T_2^8 - \\
 & 4480\,c_{61}\,T_1^6\,T_2^8 - 11\,100\,c_{64}\,T_1^6\,T_2^8 + 11\,840\,c_{81}\,T_1^6\,T_2^8 + 4768\,c_{84}\,T_1^6\,T_2^8 - 1600\,a_4\,b_5\,T_1^7\,T_2^8 + \\
 & 6784\,c_{16}\,T_1^7\,T_2^8 + 11\,100\,c_{19}\,T_1^7\,T_2^8 + 6784\,c_{31}\,T_1^7\,T_2^8 + 11\,100\,c_{34}\,T_1^7\,T_2^8 + 6784\,c_{46}\,T_1^7\,T_2^8 + \\
 & 11\,100\,c_{49}\,T_1^7\,T_2^8 + 6784\,c_{61}\,T_1^7\,T_2^8 + 11\,100\,c_{64}\,T_1^7\,T_2^8 - 5920\,c_{81}\,T_1^7\,T_2^8 - 1152\,c_{84}\,T_1^7\,T_2^8 - \\
 & 4288\,c_{16}\,T_1^8\,T_2^8 - 5280\,c_{19}\,T_1^8\,T_2^8 - 4288\,c_{31}\,T_1^8\,T_2^8 - 5280\,c_{34}\,T_1^8\,T_2^8 - 4288\,c_{46}\,T_1^8\,T_2^8 - \\
 & 5280\,c_{49}\,T_1^8\,T_2^8 - 4288\,c_{61}\,T_1^8\,T_2^8 - 5280\,c_{64}\,T_1^8\,T_2^8 + 1152\,c_{81}\,T_1^8\,T_2^8 + 960\,c_{16}\,T_1^9\,T_2^8 + 960\,c_{19}\,T_1^9\,T_2^8 + \\
 & 960\,c_{31}\,T_1^9\,T_2^8 + 960\,c_{34}\,T_1^9\,T_2^8 + 960\,c_{46}\,T_1^9\,T_2^8 + 960\,c_{49}\,T_1^9\,T_2^8 + 960\,c_{61}\,T_1^9\,T_2^8 + 960\,c_{64}\,T_1^9\,T_2^8) / \\
 & \left( (-1 + T_1) T_1 (4 - 9 T_1 + 4 T_1^2)^2 (-1 + T_2) (-1 + T_1 T_2) (4 - 9 T_2 + 4 T_2^2)^2 (4 - 9 T_1 T_2 + 4 T_1^2 T_2^2) \right) / \\
 & \left( (4 - 9 T_1 + 4 T_1^2) (4 - 9 T_2 + 4 T_2^2) (4 - \right. \\
 & \quad 9 \\
 & \quad T_1 \\
 & \quad T_2 + 4 \\
 & \quad T_1^2 \\
 & \quad \left. T_2^2) \right) \}
 \end{aligned}$$

In[\*]:= `tab1[1]`

Out[\*]=

`Knot[3, 1] ->`

$$\begin{aligned}
 & \frac{1}{(1 - T_1 + T_1^2) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2)} \text{Series}\left[0, -\left(-c_{81} - c_{82} - c_{84} - c_{85} + c_{16} T_1 + \right. \right. \\
 & \quad c_{31} T_1 + c_{46} T_1 + c_{61} T_1 + 5 c_{81} T_1 + 4 c_{82} T_1 + 4 c_{84} T_1 + 4 c_{85} T_1 - 3 c_{16} T_1^2 - 3 c_{31} T_1^2 - 3 c_{46} T_1^2 - \\
 & \quad 3 c_{61} T_1^2 - 10 c_{81} T_1^2 - 8 c_{82} T_1^2 - 6 c_{84} T_1^2 - 8 c_{85} T_1^2 + 5 c_{16} T_1^3 + 5 c_{31} T_1^3 + 5 c_{46} T_1^3 + 5 c_{61} T_1^3 + \\
 & \quad 11 c_{81} T_1^3 + 10 c_{82} T_1^3 + 5 c_{84} T_1^3 + 10 c_{85} T_1^3 - 5 c_{16} T_1^4 - 5 c_{31} T_1^4 - 5 c_{46} T_1^4 - 5 c_{61} T_1^4 - 7 c_{81} T_1^4 - \\
 & \quad 8 c_{82} T_1^4 - 2 c_{84} T_1^4 - 8 c_{85} T_1^4 + 2 c_{16} T_1^5 + 2 c_{31} T_1^5 + 2 c_{46} T_1^5 + 2 c_{61} T_1^5 + 2 c_{81} T_1^5 + 4 c_{82} T_1^5 + \\
 & \quad 4 c_{85} T_1^5 - c_{82} T_1^6 - c_{85} T_1^6 - a_2 b_3 T_2 + a_2 b_5 T_2 + c_{19} T_2 + c_{34} T_2 + c_{49} T_2 + c_{64} T_2 + 4 c_{81} T_2 + \\
 & \quad 5 c_{82} T_2 + 4 c_{84} T_2 + 4 c_{85} T_2 + 4 a_2 b_3 T_1 T_2 - a_4 b_3 T_1 T_2 - 3 a_2 b_5 T_1 T_2 + a_4 b_5 T_1 T_2 - \\
 & \quad 3 c_{16} T_1 T_2 - 3 c_{19} T_1 T_2 - 3 c_{31} T_1 T_2 - 3 c_{34} T_1 T_2 - 3 c_{46} T_1 T_2 - 3 c_{49} T_1 T_2 - 3 c_{61} T_1 T_2 - \\
 & \quad 3 c_{64} T_1 T_2 - 17 c_{81} T_1 T_2 - 17 c_{82} T_1 T_2 - 13 c_{84} T_1 T_2 - 13 c_{85} T_1 T_2 - 8 a_2 b_3 T_1^2 T_2 + \\
 & \quad 3 a_4 b_3 T_1^2 T_2 + 5 a_2 b_5 T_1^2 T_2 - 2 a_4 b_5 T_1^2 T_2 + 7 c_{16} T_1^2 T_2 + 5 c_{19} T_1^2 T_2 + 7 c_{31} T_1^2 T_2 + 5 c_{34} T_1^2 T_2 + \\
 & \quad 7 c_{46} T_1^2 T_2 + 5 c_{49} T_1^2 T_2 + 7 c_{61} T_1^2 T_2 + 5 c_{64} T_1^2 T_2 + 28 c_{81} T_1^2 T_2 + 28 c_{82} T_1^2 T_2 + 15 c_{84} T_1^2 T_2 + \\
 & \quad 20 c_{85} T_1^2 T_2 + 10 a_2 b_3 T_1^3 T_2 - 5 a_4 b_3 T_1^3 T_2 - 5 a_2 b_5 T_1^3 T_2 + 3 a_4 b_5 T_1^3 T_2 - 9 c_{16} T_1^3 T_2 - \\
 & \quad 5 c_{19} T_1^3 T_2 - 9 c_{31} T_1^3 T_2 - 5 c_{34} T_1^3 T_2 - 9 c_{46} T_1^3 T_2 - 5 c_{49} T_1^3 T_2 - 9 c_{61} T_1^3 T_2 - 5 c_{64} T_1^3 T_2 - \\
 & \quad 23 c_{81} T_1^3 T_2 - 26 c_{82} T_1^3 T_2 - 8 c_{84} T_1^3 T_2 - 16 c_{85} T_1^3 T_2 - 8 a_2 b_3 T_1^4 T_2 + 5 a_4 b_3 T_1^4 T_2 + \\
 & \quad 3 a_2 b_5 T_1^4 T_2 - 2 a_4 b_5 T_1^4 T_2 + 5 c_{16} T_1^4 T_2 + 3 c_{19} T_1^4 T_2 + 5 c_{31} T_1^4 T_2 + 3 c_{34} T_1^4 T_2 + 5 c_{46} T_1^4 T_2 + \\
 & \quad 3 c_{49} T_1^4 T_2 + 5 c_{61} T_1^4 T_2 + 3 c_{64} T_1^4 T_2 + 7 c_{81} T_1^4 T_2 + 10 c_{82} T_1^4 T_2 - c_{84} T_1^4 T_2 + 2 c_{85} T_1^4 T_2 + \\
 & \quad 4 a_2 b_3 T_1^5 T_2 - 3 a_4 b_3 T_1^5 T_2 - a_2 b_5 T_1^5 T_2 + a_4 b_5 T_1^5 T_2 + 4 c_{16} T_1^5 T_2 - c_{19} T_1^5 T_2 + 4 c_{31} T_1^5 T_2 - \\
 & \quad c_{34} T_1^5 T_2 + 4 c_{46} T_1^5 T_2 - c_{49} T_1^5 T_2 + 4 c_{61} T_1^5 T_2 - c_{64} T_1^5 T_2 + 4 c_{81} T_1^5 T_2 + 4 c_{82} T_1^5 T_2 + \\
 & \quad 3 c_{84} T_1^5 T_2 + 8 c_{85} T_1^5 T_2 - a_2 b_3 T_1^6 T_2 + a_4 b_3 T_1^6 T_2 - 4 c_{16} T_1^6 T_2 - 4 c_{31} T_1^6 T_2 - 4 c_{46} T_1^6 T_2 - \\
 & \quad 4 c_{61} T_1^6 T_2 - 3 c_{81} T_1^6 T_2 - 7 c_{82} T_1^6 T_2 - 8 c_{85} T_1^6 T_2 + 3 c_{82} T_1^7 T_2 + 3 c_{85} T_1^7 T_2 + 2 a_2 b_3 T_1^2 T_2 - \\
 & \quad a_4 b_3 T_1^2 T_2 - 3 a_2 b_5 T_1^2 T_2 + a_4 b_5 T_1^2 T_2 - 3 c_{19} T_1^2 T_2 - 3 c_{34} T_1^2 T_2 - 3 c_{49} T_1^2 T_2 - 3 c_{64} T_1^2 T_2 - 8 c_{81} T_1^2 T_2 - 10 c_{82} T_1^2 T_2 - \\
 & \quad 8 c_{84} T_1^2 T_2 - 6 c_{85} T_1^2 T_2 - 7 a_2 b_3 T_1 T_2^2 + 7 a_4 b_3 T_1 T_2^2 + 8 a_2 b_5 T_1 T_2^2 - 7 a_4 b_5 T_1 T_2^2 + 5 c_{16} T_1 T_2^2 + \\
 & \quad 7 c_{19} T_1 T_2^2 + 5 c_{31} T_1 T_2^2 + 7 c_{34} T_1 T_2^2 + 5 c_{46} T_1 T_2^2 + 7 c_{49} T_1 T_2^2 + 5 c_{61} T_1 T_2^2 + 7 c_{64} T_1 T_2^2 + \\
 & \quad 28 c_{81} T_1 T_2^2 + 28 c_{82} T_1 T_2^2 + 20 c_{84} T_1 T_2^2 + 15 c_{85} T_1 T_2^2 + 11 a_2 b_3 T_1^2 T_2^2 - 16 a_4 b_3 T_1^2 T_2^2 - \\
 & \quad 11 a_2 b_5 T_1^2 T_2^2 + 12 a_4 b_5 T_1^2 T_2^2 - 9 c_{16} T_1^2 T_2^2 - 9 c_{19} T_1^2 T_2^2 - 9 c_{31} T_1^2 T_2^2 - 9 c_{34} T_1^2 T_2^2 - 9 c_{46} T_1^2 T_2^2 - \\
 & \quad 9 c_{49} T_1^2 T_2^2 - 9 c_{61} T_1^2 T_2^2 - 9 c_{64} T_1^2 T_2^2 - 34 c_{81} T_1^2 T_2^2 - 34 c_{82} T_1^2 T_2^2 - 14 c_{84} T_1^2 T_2^2 - 14 c_{85} T_1^2 T_2^2 - \\
 & \quad 8 a_2 b_3 T_1^3 T_2^2 + 21 a_4 b_3 T_1^3 T_2^2 + 7 a_2 b_5 T_1^3 T_2^2 - 14 a_4 b_5 T_1^3 T_2^2 + 9 c_{16} T_1^3 T_2^2 + 5 c_{19} T_1^3 T_2^2 + \\
 & \quad 9 c_{31} T_1^3 T_2^2 + 5 c_{34} T_1^3 T_2^2 + 9 c_{46} T_1^3 T_2^2 + 5 c_{49} T_1^3 T_2^2 + 9 c_{61} T_1^3 T_2^2 + 5 c_{64} T_1^3 T_2^2 + 11 c_{81} T_1^3 T_2^2 +
 \end{aligned}$$

$$\begin{aligned}
 &12 c_{82} T_1^3 T_2^2 - 3 c_{84} T_1^3 T_2^2 - 4 c_{85} T_1^3 T_2^2 - a_2 b_3 T_1^4 T_2^2 - 15 a_4 b_3 T_1^4 T_2^2 + 6 a_4 b_5 T_1^4 T_2^2 - c_{16} T_1^4 T_2^2 + \\
 &c_{19} T_1^4 T_2^2 - c_{31} T_1^4 T_2^2 + c_{34} T_1^4 T_2^2 - c_{46} T_1^4 T_2^2 + c_{49} T_1^4 T_2^2 - c_{61} T_1^4 T_2^2 + c_{64} T_1^4 T_2^2 + 17 c_{81} T_1^4 T_2^2 + \\
 &24 c_{82} T_1^4 T_2^2 + 14 c_{84} T_1^4 T_2^2 + 26 c_{85} T_1^4 T_2^2 + 7 a_2 b_3 T_1^5 T_2^2 + 4 a_4 b_3 T_1^5 T_2^2 - 3 a_2 b_5 T_1^5 T_2^2 - \\
 &a_4 b_5 T_1^5 T_2^2 - 10 c_{16} T_1^5 T_2^2 - 3 c_{19} T_1^5 T_2^2 - 10 c_{31} T_1^5 T_2^2 - 3 c_{34} T_1^5 T_2^2 - 10 c_{46} T_1^5 T_2^2 - 3 c_{49} T_1^5 T_2^2 - \\
 &10 c_{61} T_1^5 T_2^2 - 3 c_{64} T_1^5 T_2^2 - 22 c_{81} T_1^5 T_2^2 - 36 c_{82} T_1^5 T_2^2 - 8 c_{84} T_1^5 T_2^2 - 28 c_{85} T_1^5 T_2^2 - \\
 &6 a_2 b_3 T_1^6 T_2^2 + 2 a_4 b_3 T_1^6 T_2^2 + 2 a_2 b_5 T_1^6 T_2^2 - 2 a_4 b_5 T_1^6 T_2^2 + 2 c_{16} T_1^6 T_2^2 + 2 c_{19} T_1^6 T_2^2 + \\
 &2 c_{31} T_1^6 T_2^2 + 2 c_{34} T_1^6 T_2^2 + 2 c_{46} T_1^6 T_2^2 + 2 c_{49} T_1^6 T_2^2 + 2 c_{61} T_1^6 T_2^2 + 2 c_{64} T_1^6 T_2^2 + 7 c_{81} T_1^6 T_2^2 + \\
 &22 c_{82} T_1^6 T_2^2 - c_{84} T_1^6 T_2^2 + 14 c_{85} T_1^6 T_2^2 + 2 a_2 b_3 T_1^7 T_2^2 - 2 a_4 b_3 T_1^7 T_2^2 + 4 c_{16} T_1^7 T_2^2 + 4 c_{31} T_1^7 T_2^2 + \\
 &4 c_{46} T_1^7 T_2^2 + 4 c_{61} T_1^7 T_2^2 + c_{81} T_1^7 T_2^2 - 4 c_{82} T_1^7 T_2^2 - c_{85} T_1^7 T_2^2 - 2 c_{82} T_1^8 T_2^2 - 2 c_{85} T_1^8 T_2^2 - \\
 &3 a_2 b_3 T_2^3 + 2 a_4 b_3 T_2^3 + 5 a_2 b_5 T_2^3 - 3 a_4 b_5 T_2^3 + 5 c_{19} T_2^3 + 5 c_{34} T_2^3 + 5 c_{49} T_2^3 + 5 c_{64} T_2^3 + \\
 &10 c_{81} T_2^3 + 11 c_{82} T_2^3 + 10 c_{84} T_2^3 + 5 c_{85} T_2^3 + 9 a_2 b_3 T_1 T_2^3 - 12 a_4 b_3 T_1 T_2^3 - 11 a_2 b_5 T_1 T_2^3 + \\
 &16 a_4 b_5 T_1 T_2^3 - 5 c_{16} T_1 T_2^3 - 9 c_{19} T_1 T_2^3 - 5 c_{31} T_1 T_2^3 - 9 c_{34} T_1 T_2^3 - 5 c_{46} T_1 T_2^3 - 9 c_{49} T_1 T_2^3 - \\
 &5 c_{61} T_1 T_2^3 - 9 c_{64} T_1 T_2^3 - 26 c_{81} T_1 T_2^3 - 23 c_{82} T_1 T_2^3 - 16 c_{84} T_1 T_2^3 - 8 c_{85} T_1 T_2^3 - 11 a_2 b_3 T_1^2 T_2^3 + \\
 &22 a_4 b_3 T_1^2 T_2^3 + 11 a_2 b_5 T_1^2 T_2^3 - 22 a_4 b_5 T_1^2 T_2^3 + 5 c_{16} T_1^2 T_2^3 + 9 c_{19} T_1^2 T_2^3 + 5 c_{31} T_1^2 T_2^3 + \\
 &9 c_{34} T_1^2 T_2^3 + 5 c_{46} T_1^2 T_2^3 + 9 c_{49} T_1^2 T_2^3 + 5 c_{61} T_1^2 T_2^3 + 9 c_{64} T_1^2 T_2^3 + 12 c_{81} T_1^2 T_2^3 + 11 c_{82} T_1^2 T_2^3 - \\
 &4 c_{84} T_1^2 T_2^3 - 3 c_{85} T_1^2 T_2^3 + 2 a_2 b_3 T_1^3 T_2^3 - 19 a_4 b_3 T_1^3 T_2^3 + a_2 b_5 T_1^3 T_2^3 + 18 a_4 b_5 T_1^3 T_2^3 - \\
 &c_{16} T_1^3 T_2^3 - c_{19} T_1^3 T_2^3 - c_{31} T_1^3 T_2^3 - c_{34} T_1^3 T_2^3 - c_{46} T_1^3 T_2^3 - c_{49} T_1^3 T_2^3 - c_{61} T_1^3 T_2^3 - c_{64} T_1^3 T_2^3 + \\
 &30 c_{81} T_1^3 T_2^3 + 30 c_{82} T_1^3 T_2^3 + 26 c_{84} T_1^3 T_2^3 + 26 c_{85} T_1^3 T_2^3 + 13 a_2 b_3 T_1^4 T_2^3 - 2 a_4 b_3 T_1^4 T_2^3 - \\
 &13 a_2 b_5 T_1^4 T_2^3 + 5 a_4 b_5 T_1^4 T_2^3 - 8 c_{16} T_1^4 T_2^3 - 5 c_{19} T_1^4 T_2^3 - 8 c_{31} T_1^4 T_2^3 - 5 c_{34} T_1^4 T_2^3 - 8 c_{46} T_1^4 T_2^3 - \\
 &5 c_{49} T_1^4 T_2^3 - 8 c_{61} T_1^4 T_2^3 - 5 c_{64} T_1^4 T_2^3 - 54 c_{81} T_1^4 T_2^3 - 66 c_{82} T_1^4 T_2^3 - 28 c_{84} T_1^4 T_2^3 - 40 c_{85} T_1^4 T_2^3 - \\
 &19 a_2 b_3 T_1^5 T_2^3 + 20 a_4 b_3 T_1^5 T_2^3 + 13 a_2 b_5 T_1^5 T_2^3 - 11 a_4 b_5 T_1^5 T_2^3 + 13 c_{16} T_1^5 T_2^3 + 3 c_{19} T_1^5 T_2^3 + \\
 &13 c_{31} T_1^5 T_2^3 + 3 c_{34} T_1^5 T_2^3 + 13 c_{46} T_1^5 T_2^3 + 3 c_{49} T_1^5 T_2^3 + 13 c_{61} T_1^5 T_2^3 + 3 c_{64} T_1^5 T_2^3 + 36 c_{81} T_1^5 T_2^3 + \\
 &54 c_{82} T_1^5 T_2^3 + 8 c_{84} T_1^5 T_2^3 + 26 c_{85} T_1^5 T_2^3 + 13 a_2 b_3 T_1^6 T_2^3 - 19 a_4 b_3 T_1^6 T_2^3 - 6 a_2 b_5 T_1^6 T_2^3 + \\
 &10 a_4 b_5 T_1^6 T_2^3 + 5 c_{16} T_1^6 T_2^3 + 5 c_{31} T_1^6 T_2^3 + 5 c_{46} T_1^6 T_2^3 + 5 c_{61} T_1^6 T_2^3 - 4 c_{81} T_1^6 T_2^3 - 17 c_{82} T_1^6 T_2^3 + \\
 &4 c_{84} T_1^6 T_2^3 - 3 c_{85} T_1^6 T_2^3 - 4 a_2 b_3 T_1^7 T_2^3 + 8 a_4 b_3 T_1^7 T_2^3 - 7 c_{16} T_1^7 T_2^3 - 2 c_{19} T_1^7 T_2^3 - 7 c_{31} T_1^7 T_2^3 - \\
 &2 c_{34} T_1^7 T_2^3 - 7 c_{46} T_1^7 T_2^3 - 2 c_{49} T_1^7 T_2^3 - 7 c_{61} T_1^7 T_2^3 - 2 c_{64} T_1^7 T_2^3 - 4 c_{81} T_1^7 T_2^3 - 7 c_{82} T_1^7 T_2^3 - \\
 &8 c_{85} T_1^7 T_2^3 - 2 c_{16} T_1^8 T_2^3 - 2 c_{31} T_1^8 T_2^3 - 2 c_{46} T_1^8 T_2^3 - 2 c_{61} T_1^8 T_2^3 + 7 c_{82} T_1^8 T_2^3 + 5 c_{85} T_1^8 T_2^3 + \\
 &2 a_2 b_3 T_2^4 - 3 a_4 b_3 T_2^4 - 5 a_2 b_5 T_2^4 + 5 a_4 b_5 T_2^4 - 5 c_{19} T_2^4 - 5 c_{34} T_2^4 - 5 c_{49} T_2^4 - 5 c_{64} T_2^4 - \\
 &8 c_{81} T_2^4 - 7 c_{82} T_2^4 - 8 c_{84} T_2^4 - 2 c_{85} T_2^4 - 3 a_2 b_3 T_1 T_2^4 + 14 a_4 b_3 T_1 T_2^4 + 7 a_2 b_5 T_1 T_2^4 - \\
 &21 a_4 b_5 T_1 T_2^4 + 3 c_{16} T_1 T_2^4 + 5 c_{19} T_1 T_2^4 + 3 c_{31} T_1 T_2^4 + 5 c_{34} T_1 T_2^4 + 3 c_{46} T_1 T_2^4 + 5 c_{49} T_1 T_2^4 + \\
 &3 c_{61} T_1 T_2^4 + 5 c_{64} T_1 T_2^4 + 10 c_{81} T_1 T_2^4 + 7 c_{82} T_1 T_2^4 + 2 c_{84} T_1 T_2^4 - c_{85} T_1 T_2^4 - 5 a_2 b_3 T_1^2 T_2^4 - \\
 &18 a_4 b_3 T_1^2 T_2^4 + a_2 b_5 T_1^2 T_2^4 + 19 a_4 b_5 T_1^2 T_2^4 + c_{16} T_1^2 T_2^4 - c_{19} T_1^2 T_2^4 + c_{31} T_1^2 T_2^4 - c_{34} T_1^2 T_2^4 + \\
 &c_{46} T_1^2 T_2^4 - c_{49} T_1^2 T_2^4 + c_{61} T_1^2 T_2^4 - c_{64} T_1^2 T_2^4 + 24 c_{81} T_1^2 T_2^4 + 17 c_{82} T_1^2 T_2^4 + 26 c_{84} T_1^2 T_2^4 + \\
 &14 c_{85} T_1^2 T_2^4 + 24 a_2 b_3 T_1^3 T_2^4 + a_4 b_3 T_1^3 T_2^4 - 21 a_2 b_5 T_1^3 T_2^4 - a_4 b_5 T_1^3 T_2^4 - 5 c_{16} T_1^3 T_2^4 - \\
 &8 c_{19} T_1^3 T_2^4 - 5 c_{31} T_1^3 T_2^4 - 8 c_{34} T_1^3 T_2^4 - 5 c_{46} T_1^3 T_2^4 - 8 c_{49} T_1^3 T_2^4 - 5 c_{61} T_1^3 T_2^4 - 8 c_{64} T_1^3 T_2^4 - \\
 &66 c_{81} T_1^3 T_2^4 - 54 c_{82} T_1^3 T_2^4 - 40 c_{84} T_1^3 T_2^4 - 28 c_{85} T_1^3 T_2^4 - 41 a_2 b_3 T_1^4 T_2^4 + 34 a_4 b_3 T_1^4 T_2^4 + \\
 &33 a_2 b_5 T_1^4 T_2^4 - 37 a_4 b_5 T_1^4 T_2^4 + 8 c_{16} T_1^4 T_2^4 + 8 c_{19} T_1^4 T_2^4 + 8 c_{31} T_1^4 T_2^4 + 8 c_{34} T_1^4 T_2^4 + \\
 &8 c_{46} T_1^4 T_2^4 + 8 c_{49} T_1^4 T_2^4 + 8 c_{61} T_1^4 T_2^4 + 8 c_{64} T_1^4 T_2^4 + 66 c_{81} T_1^4 T_2^4 + 66 c_{82} T_1^4 T_2^4 + 26 c_{84} T_1^4 T_2^4 + \\
 &26 c_{85} T_1^4 T_2^4 + 39 a_2 b_3 T_1^5 T_2^4 - 52 a_4 b_3 T_1^5 T_2^4 - 25 a_2 b_5 T_1^5 T_2^4 + 35 a_4 b_5 T_1^5 T_2^4 - 3 c_{16} T_1^5 T_2^4 - \\
 &3 c_{31} T_1^5 T_2^4 - 3 c_{46} T_1^5 T_2^4 - 3 c_{61} T_1^5 T_2^4 - 24 c_{81} T_1^5 T_2^4 - 30 c_{82} T_1^5 T_2^4 + 2 c_{84} T_1^5 T_2^4 - 4 c_{85} T_1^5 T_2^4 - \\
 &22 a_2 b_3 T_1^6 T_2^4 + 38 a_4 b_3 T_1^6 T_2^4 + 10 a_2 b_5 T_1^6 T_2^4 - 22 a_4 b_5 T_1^6 T_2^4 - 15 c_{16} T_1^6 T_2^4 - 3 c_{19} T_1^6 T_2^4 - \\
 &15 c_{31} T_1^6 T_2^4 - 3 c_{34} T_1^6 T_2^4 - 15 c_{46} T_1^6 T_2^4 - 3 c_{49} T_1^6 T_2^4 - 15 c_{61} T_1^6 T_2^4 - 3 c_{64} T_1^6 T_2^4 - 10 c_{81} T_1^6 T_2^4 - \\
 &11 c_{82} T_1^6 T_2^4 - 8 c_{84} T_1^6 T_2^4 - 14 c_{85} T_1^6 T_2^4 + 6 a_2 b_3 T_1^7 T_2^4 - 14 a_4 b_3 T_1^7 T_2^4 + 5 c_{16} T_1^7 T_2^4 + \\
 &3 c_{19} T_1^7 T_2^4 + 5 c_{31} T_1^7 T_2^4 + 3 c_{34} T_1^7 T_2^4 + 5 c_{46} T_1^7 T_2^4 + 3 c_{49} T_1^7 T_2^4 + 5 c_{61} T_1^7 T_2^4 + 3 c_{64} T_1^7 T_2^4 + \\
 &8 c_{81} T_1^7 T_2^4 + 23 c_{82} T_1^7 T_2^4 + 15 c_{85} T_1^7 T_2^4 + 6 c_{16} T_1^8 T_2^4 + c_{19} T_1^8 T_2^4 + 6 c_{31} T_1^8 T_2^4 + c_{34} T_1^8 T_2^4 + \\
 &6 c_{46} T_1^8 T_2^4 + c_{49} T_1^8 T_2^4 + 6 c_{61} T_1^8 T_2^4 + c_{64} T_1^8 T_2^4 - 11 c_{82} T_1^8 T_2^4 - 6 c_{85} T_1^8 T_2^4 - a_2 b_3 T_2^5 +
 \end{aligned}$$

$$\begin{aligned}
 & 2 a_4 b_3 T_2^5 + 3 a_2 b_5 T_2^5 - 5 a_4 b_5 T_2^5 + 2 c_{19} T_2^5 + 2 c_{34} T_2^5 + 2 c_{49} T_2^5 + 2 c_{64} T_2^5 + 4 c_{81} T_2^5 + \\
 & 2 c_{82} T_2^5 + 4 c_{84} T_2^5 - 6 a_4 b_3 T_1 T_2^5 + 15 a_4 b_5 T_1 T_2^5 - c_{16} T_1 T_2^5 + 4 c_{19} T_1 T_2^5 - c_{31} T_1 T_2^5 + \\
 & 4 c_{34} T_1 T_2^5 - c_{46} T_1 T_2^5 + 4 c_{49} T_1 T_2^5 - c_{61} T_1 T_2^5 + 4 c_{64} T_1 T_2^5 + 4 c_{81} T_1 T_2^5 + 4 c_{82} T_1 T_2^5 + \\
 & 8 c_{84} T_1 T_2^5 + 3 c_{85} T_1 T_2^5 + 8 a_2 b_3 T_1^2 T_2^5 - 5 a_4 b_3 T_1^2 T_2^5 - 13 a_2 b_5 T_1^2 T_2^5 + 2 a_4 b_5 T_1^2 T_2^5 - \\
 & 3 c_{16} T_1^2 T_2^5 - 10 c_{19} T_1^2 T_2^5 - 3 c_{31} T_1^2 T_2^5 - 10 c_{34} T_1^2 T_2^5 - 3 c_{46} T_1^2 T_2^5 - 10 c_{49} T_1^2 T_2^5 - 3 c_{61} T_1^2 T_2^5 - \\
 & 10 c_{64} T_1^2 T_2^5 - 36 c_{81} T_1^2 T_2^5 - 22 c_{82} T_1^2 T_2^5 - 28 c_{84} T_1^2 T_2^5 - 8 c_{85} T_1^2 T_2^5 - 22 a_2 b_3 T_1^3 T_2^5 + \\
 & 37 a_4 b_3 T_1^3 T_2^5 + 33 a_2 b_5 T_1^3 T_2^5 - 34 a_4 b_5 T_1^3 T_2^5 + 3 c_{16} T_1^3 T_2^5 + 13 c_{19} T_1^3 T_2^5 + 3 c_{31} T_1^3 T_2^5 + \\
 & 13 c_{34} T_1^3 T_2^5 + 3 c_{46} T_1^3 T_2^5 + 13 c_{49} T_1^3 T_2^5 + 3 c_{61} T_1^3 T_2^5 + 13 c_{64} T_1^3 T_2^5 + 54 c_{81} T_1^3 T_2^5 + \\
 & 36 c_{82} T_1^3 T_2^5 + 26 c_{84} T_1^3 T_2^5 + 8 c_{85} T_1^3 T_2^5 + 32 a_2 b_3 T_1^4 T_2^5 - 74 a_4 b_3 T_1^4 T_2^5 - 40 a_2 b_5 T_1^4 T_2^5 + \\
 & 74 a_4 b_5 T_1^4 T_2^5 - 3 c_{19} T_1^4 T_2^5 - 3 c_{34} T_1^4 T_2^5 - 3 c_{49} T_1^4 T_2^5 - 3 c_{64} T_1^4 T_2^5 - 30 c_{81} T_1^4 T_2^5 - 24 c_{82} T_1^4 T_2^5 - \\
 & 4 c_{84} T_1^4 T_2^5 + 2 c_{85} T_1^4 T_2^5 - 28 a_2 b_3 T_1^5 T_2^5 + 79 a_4 b_3 T_1^5 T_2^5 + 27 a_2 b_5 T_1^5 T_2^5 - 57 a_4 b_5 T_1^5 T_2^5 - \\
 & 7 c_{16} T_1^5 T_2^5 - 7 c_{19} T_1^5 T_2^5 - 7 c_{31} T_1^5 T_2^5 - 7 c_{34} T_1^5 T_2^5 - 7 c_{46} T_1^5 T_2^5 - 7 c_{49} T_1^5 T_2^5 - 7 c_{61} T_1^5 T_2^5 - \\
 & 7 c_{64} T_1^5 T_2^5 - 12 c_{81} T_1^5 T_2^5 - 12 c_{82} T_1^5 T_2^5 - 16 c_{84} T_1^5 T_2^5 - 16 c_{85} T_1^5 T_2^5 + 15 a_2 b_3 T_1^6 T_2^5 - \\
 & 49 a_4 b_3 T_1^6 T_2^5 - 10 a_2 b_5 T_1^6 T_2^5 + 30 a_4 b_5 T_1^6 T_2^5 + 13 c_{16} T_1^6 T_2^5 + 5 c_{19} T_1^6 T_2^5 + 13 c_{31} T_1^6 T_2^5 + \\
 & 5 c_{34} T_1^6 T_2^5 + 13 c_{46} T_1^6 T_2^5 + 5 c_{49} T_1^6 T_2^5 + 13 c_{61} T_1^6 T_2^5 + 5 c_{64} T_1^6 T_2^5 + 26 c_{81} T_1^6 T_2^5 + \\
 & 34 c_{82} T_1^6 T_2^5 + 10 c_{84} T_1^6 T_2^5 + 20 c_{85} T_1^6 T_2^5 - 4 a_2 b_3 T_1^7 T_2^5 + 16 a_4 b_3 T_1^7 T_2^5 + 5 c_{16} T_1^7 T_2^5 - \\
 & c_{19} T_1^7 T_2^5 + 5 c_{31} T_1^7 T_2^5 - c_{34} T_1^7 T_2^5 + 5 c_{46} T_1^7 T_2^5 - c_{49} T_1^7 T_2^5 + 5 c_{61} T_1^7 T_2^5 - c_{64} T_1^7 T_2^5 - \\
 & 10 c_{81} T_1^7 T_2^5 - 28 c_{82} T_1^7 T_2^5 - 13 c_{85} T_1^7 T_2^5 - 10 c_{16} T_1^8 T_2^5 - 3 c_{19} T_1^8 T_2^5 - 10 c_{31} T_1^8 T_2^5 - \\
 & 3 c_{34} T_1^8 T_2^5 - 10 c_{46} T_1^8 T_2^5 - 3 c_{49} T_1^8 T_2^5 - 10 c_{61} T_1^8 T_2^5 - 3 c_{64} T_1^8 T_2^5 + 10 c_{82} T_1^8 T_2^5 + 4 c_{85} T_1^8 T_2^5 - \\
 & a_4 b_3 T_2^6 - a_2 b_5 T_2^6 + 3 a_4 b_5 T_2^6 - c_{81} T_2^6 - c_{84} T_2^6 + 2 a_2 b_3 T_1 T_2^6 + a_4 b_3 T_1 T_2^6 - 3 a_2 b_5 T_1 T_2^6 - \\
 & 4 a_4 b_5 T_1 T_2^6 - 4 c_{19} T_1 T_2^6 - 4 c_{34} T_1 T_2^6 - 4 c_{49} T_1 T_2^6 - 4 c_{64} T_1 T_2^6 - 7 c_{81} T_1 T_2^6 - 3 c_{82} T_1 T_2^6 - \\
 & 8 c_{84} T_1 T_2^6 - 8 a_2 b_3 T_1^2 T_2^6 + 11 a_4 b_3 T_1^2 T_2^6 + 13 a_2 b_5 T_1^2 T_2^6 - 20 a_4 b_5 T_1^2 T_2^6 + 2 c_{16} T_1^2 T_2^6 + \\
 & 2 c_{19} T_1^2 T_2^6 + 2 c_{31} T_1^2 T_2^6 + 2 c_{34} T_1^2 T_2^6 + 2 c_{46} T_1^2 T_2^6 + 2 c_{49} T_1^2 T_2^6 + 2 c_{61} T_1^2 T_2^6 + 2 c_{64} T_1^2 T_2^6 + \\
 & 22 c_{81} T_1^2 T_2^6 + 7 c_{82} T_1^2 T_2^6 + 14 c_{84} T_1^2 T_2^6 - c_{85} T_1^2 T_2^6 + 16 a_2 b_3 T_1^3 T_2^6 - 35 a_4 b_3 T_1^3 T_2^6 - \\
 & 25 a_2 b_5 T_1^3 T_2^6 + 52 a_4 b_5 T_1^3 T_2^6 + 5 c_{19} T_1^3 T_2^6 + 5 c_{34} T_1^3 T_2^6 + 5 c_{49} T_1^3 T_2^6 + 5 c_{64} T_1^3 T_2^6 - \\
 & 17 c_{81} T_1^3 T_2^6 - 4 c_{82} T_1^3 T_2^6 - 3 c_{84} T_1^3 T_2^6 + 4 c_{85} T_1^3 T_2^6 - 20 a_2 b_3 T_1^4 T_2^6 + 57 a_4 b_3 T_1^4 T_2^6 + \\
 & 27 a_2 b_5 T_1^4 T_2^6 - 79 a_4 b_5 T_1^4 T_2^6 - 3 c_{16} T_1^4 T_2^6 - 15 c_{19} T_1^4 T_2^6 - 3 c_{31} T_1^4 T_2^6 - 15 c_{34} T_1^4 T_2^6 - \\
 & 3 c_{46} T_1^4 T_2^6 - 15 c_{49} T_1^4 T_2^6 - 3 c_{61} T_1^4 T_2^6 - 15 c_{64} T_1^4 T_2^6 - 11 c_{81} T_1^4 T_2^6 - 10 c_{82} T_1^4 T_2^6 - \\
 & 14 c_{84} T_1^4 T_2^6 - 8 c_{85} T_1^4 T_2^6 + 16 a_2 b_3 T_1^5 T_2^6 - 55 a_4 b_3 T_1^5 T_2^6 - 17 a_2 b_5 T_1^5 T_2^6 + 55 a_4 b_5 T_1^5 T_2^6 + \\
 & 5 c_{16} T_1^5 T_2^6 + 13 c_{19} T_1^5 T_2^6 + 5 c_{31} T_1^5 T_2^6 + 13 c_{34} T_1^5 T_2^6 + 5 c_{46} T_1^5 T_2^6 + 13 c_{49} T_1^5 T_2^6 + 5 c_{61} T_1^5 T_2^6 + \\
 & 13 c_{64} T_1^5 T_2^6 + 34 c_{81} T_1^5 T_2^6 + 26 c_{82} T_1^5 T_2^6 + 20 c_{84} T_1^5 T_2^6 + 10 c_{85} T_1^5 T_2^6 - 8 a_2 b_3 T_1^6 T_2^6 + \\
 & 32 a_4 b_3 T_1^6 T_2^6 + 6 a_2 b_5 T_1^6 T_2^6 - 26 a_4 b_5 T_1^6 T_2^6 - c_{16} T_1^6 T_2^6 - c_{19} T_1^6 T_2^6 - c_{31} T_1^6 T_2^6 - c_{34} T_1^6 T_2^6 - \\
 & c_{46} T_1^6 T_2^6 - c_{49} T_1^6 T_2^6 - c_{61} T_1^6 T_2^6 - c_{64} T_1^6 T_2^6 - 28 c_{81} T_1^6 T_2^6 - 28 c_{82} T_1^6 T_2^6 - 8 c_{84} T_1^6 T_2^6 - \\
 & 8 c_{85} T_1^6 T_2^6 + 2 a_2 b_3 T_1^7 T_2^6 - 10 a_4 b_3 T_1^7 T_2^6 - 13 c_{16} T_1^7 T_2^6 - 5 c_{19} T_1^7 T_2^6 - 13 c_{31} T_1^7 T_2^6 - \\
 & 5 c_{34} T_1^7 T_2^6 - 13 c_{46} T_1^7 T_2^6 - 5 c_{49} T_1^7 T_2^6 - 13 c_{61} T_1^7 T_2^6 - 5 c_{64} T_1^7 T_2^6 + 8 c_{81} T_1^7 T_2^6 + 17 c_{82} T_1^7 T_2^6 + \\
 & 4 c_{85} T_1^7 T_2^6 + 10 c_{16} T_1^8 T_2^6 + 5 c_{19} T_1^8 T_2^6 + 10 c_{31} T_1^8 T_2^6 + 5 c_{34} T_1^8 T_2^6 + 10 c_{46} T_1^8 T_2^6 + 5 c_{49} T_1^8 T_2^6 + \\
 & 10 c_{61} T_1^8 T_2^6 + 5 c_{64} T_1^8 T_2^6 - 5 c_{82} T_1^8 T_2^6 - c_{85} T_1^8 T_2^6 - a_4 b_5 T_2^7 + 2 a_4 b_3 T_1 T_2^7 + 2 a_2 b_5 T_1 T_2^7 - \\
 & 2 a_4 b_5 T_1 T_2^7 + 3 c_{81} T_1 T_2^7 + 3 c_{84} T_1 T_2^7 - 10 a_4 b_3 T_1^2 T_2^7 - 6 a_2 b_5 T_1^2 T_2^7 + 19 a_4 b_5 T_1^2 T_2^7 + \\
 & 4 c_{19} T_1^2 T_2^7 + 4 c_{34} T_1^2 T_2^7 + 4 c_{49} T_1^2 T_2^7 + 4 c_{64} T_1^2 T_2^7 - 4 c_{81} T_1^2 T_2^7 + c_{82} T_1^2 T_2^7 - c_{84} T_1^2 T_2^7 + \\
 & 22 a_4 b_3 T_1^3 T_2^7 + 10 a_2 b_5 T_1^3 T_2^7 - 38 a_4 b_5 T_1^3 T_2^7 - 2 c_{16} T_1^3 T_2^7 - 7 c_{19} T_1^3 T_2^7 - 2 c_{31} T_1^3 T_2^7 - \\
 & 7 c_{34} T_1^3 T_2^7 - 2 c_{46} T_1^3 T_2^7 - 7 c_{49} T_1^3 T_2^7 - 2 c_{61} T_1^3 T_2^7 - 7 c_{64} T_1^3 T_2^7 - 7 c_{81} T_1^3 T_2^7 - 4 c_{82} T_1^3 T_2^7 - \\
 & 8 c_{84} T_1^3 T_2^7 - 30 a_4 b_3 T_1^4 T_2^7 - 10 a_2 b_5 T_1^4 T_2^7 + 49 a_4 b_5 T_1^4 T_2^7 + 3 c_{16} T_1^4 T_2^7 + 5 c_{19} T_1^4 T_2^7 + \\
 & 3 c_{31} T_1^4 T_2^7 + 5 c_{34} T_1^4 T_2^7 + 3 c_{46} T_1^4 T_2^7 + 5 c_{49} T_1^4 T_2^7 + 3 c_{61} T_1^4 T_2^7 + 5 c_{64} T_1^4 T_2^7 + 23 c_{81} T_1^4 T_2^7 + \\
 & 8 c_{82} T_1^4 T_2^7 + 15 c_{84} T_1^4 T_2^7 + 26 a_4 b_3 T_1^5 T_2^7 + 6 a_2 b_5 T_1^5 T_2^7 - 32 a_4 b_5 T_1^5 T_2^7 - c_{16} T_1^5 T_2^7 + \\
 & 5 c_{19} T_1^5 T_2^7 - c_{31} T_1^5 T_2^7 + 5 c_{34} T_1^5 T_2^7 - c_{46} T_1^5 T_2^7 + 5 c_{49} T_1^5 T_2^7 - c_{61} T_1^5 T_2^7 + 5 c_{64} T_1^5 T_2^7 - \\
 & 28 c_{81} T_1^5 T_2^7 - 10 c_{82} T_1^5 T_2^7 - 13 c_{84} T_1^5 T_2^7 - 14 a_4 b_3 T_1^6 T_2^7 - 2 a_2 b_5 T_1^6 T_2^7 + 14 a_4 b_5 T_1^6 T_2^7 -
 \end{aligned}$$

$$\begin{aligned}
 & 5 c_{16} T_1^6 T_2^7 - 13 c_{19} T_1^6 T_2^7 - 5 c_{31} T_1^6 T_2^7 - 13 c_{34} T_1^6 T_2^7 - 5 c_{46} T_1^6 T_2^7 - 13 c_{49} T_1^6 T_2^7 - 5 c_{61} T_1^6 T_2^7 - \\
 & 13 c_{64} T_1^6 T_2^7 + 17 c_{81} T_1^6 T_2^7 + 8 c_{82} T_1^6 T_2^7 + 4 c_{84} T_1^6 T_2^7 + 4 a_4 b_3 T_1^7 T_2^7 + 11 c_{16} T_1^7 T_2^7 + \\
 & 11 c_{19} T_1^7 T_2^7 + 11 c_{31} T_1^7 T_2^7 + 11 c_{34} T_1^7 T_2^7 + 11 c_{46} T_1^7 T_2^7 + 11 c_{49} T_1^7 T_2^7 + 11 c_{61} T_1^7 T_2^7 + \\
 & 11 c_{64} T_1^7 T_2^7 - 4 c_{81} T_1^7 T_2^7 - 4 c_{82} T_1^7 T_2^7 - 6 c_{16} T_1^8 T_2^7 - 5 c_{19} T_1^8 T_2^7 - 6 c_{31} T_1^8 T_2^7 - 5 c_{34} T_1^8 T_2^7 - \\
 & 6 c_{46} T_1^8 T_2^7 - 5 c_{49} T_1^8 T_2^7 - 6 c_{61} T_1^8 T_2^7 - 5 c_{64} T_1^8 T_2^7 + c_{82} T_1^8 T_2^7 + 2 a_4 b_5 T_1 T_2^8 - 8 a_4 b_5 T_1 T_2^8 - \\
 & 2 c_{81} T_1^2 T_2^8 - 2 c_{84} T_1^2 T_2^8 + 14 a_4 b_5 T_1^3 T_2^8 - 2 c_{19} T_1^3 T_2^8 - 2 c_{34} T_1^3 T_2^8 - 2 c_{49} T_1^3 T_2^8 - \\
 & 2 c_{64} T_1^3 T_2^8 + 7 c_{81} T_1^3 T_2^8 + 5 c_{84} T_1^3 T_2^8 - 16 a_4 b_5 T_1^4 T_2^8 + c_{16} T_1^4 T_2^8 + 6 c_{19} T_1^4 T_2^8 + c_{31} T_1^4 T_2^8 + \\
 & 6 c_{34} T_1^4 T_2^8 + c_{46} T_1^4 T_2^8 + 6 c_{49} T_1^4 T_2^8 + c_{61} T_1^4 T_2^8 + 6 c_{64} T_1^4 T_2^8 - 11 c_{81} T_1^4 T_2^8 - 6 c_{84} T_1^4 T_2^8 + \\
 & 10 a_4 b_5 T_1^5 T_2^8 - 3 c_{16} T_1^5 T_2^8 - 10 c_{19} T_1^5 T_2^8 - 3 c_{31} T_1^5 T_2^8 - 10 c_{34} T_1^5 T_2^8 - 3 c_{46} T_1^5 T_2^8 - \\
 & 10 c_{49} T_1^5 T_2^8 - 3 c_{61} T_1^5 T_2^8 - 10 c_{64} T_1^5 T_2^8 + 10 c_{81} T_1^5 T_2^8 + 4 c_{84} T_1^5 T_2^8 - 4 a_4 b_5 T_1^6 T_2^8 + \\
 & 5 c_{16} T_1^6 T_2^8 + 10 c_{19} T_1^6 T_2^8 + 5 c_{31} T_1^6 T_2^8 + 10 c_{34} T_1^6 T_2^8 + 5 c_{46} T_1^6 T_2^8 + 10 c_{49} T_1^6 T_2^8 + \\
 & 5 c_{61} T_1^6 T_2^8 + 10 c_{64} T_1^6 T_2^8 - 5 c_{81} T_1^6 T_2^8 - c_{84} T_1^6 T_2^8 - 5 c_{16} T_1^7 T_2^8 - 6 c_{19} T_1^7 T_2^8 - 5 c_{31} T_1^7 T_2^8 - \\
 & 6 c_{34} T_1^7 T_2^8 - 5 c_{46} T_1^7 T_2^8 - 6 c_{49} T_1^7 T_2^8 - 5 c_{61} T_1^7 T_2^8 - 6 c_{64} T_1^7 T_2^8 + c_{81} T_1^7 T_2^8 + 2 c_{16} T_1^8 T_2^8 + \\
 & 2 c_{19} T_1^8 T_2^8 + 2 c_{31} T_1^8 T_2^8 + 2 c_{34} T_1^8 T_2^8 + 2 c_{46} T_1^8 T_2^8 + 2 c_{49} T_1^8 T_2^8 + 2 c_{61} T_1^8 T_2^8 + 2 c_{64} T_1^8 T_2^8) / \\
 & \left( (-1 + T_1) (1 - T_1 + T_1^2)^2 (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2) \right) \Big]
 \end{aligned}$$

**Factor** [Cases [tab1, eSeries [0, e\_ ] => e, inf] /. C\_16|19|31|34|46|49|61|64|81|82|84|85 -> 0]

In[ ]:=

$$(-b_3 + b_5 + b_3 T_1 - b_5 T_2) (-a_2 + a_2 T_1 - a_4 T_1 - a_4 T_2 + 2 a_4 T_1 T_2)$$

Out[ ]:=

$$\begin{aligned}
 & \left\{ - \frac{T_2 (-1 + T_1 - T_1^2 + T_2 - T_1^2 T_2 + 2 T_1^3 T_2 - T_2^2 - T_1 T_2^2 + T_1^2 T_2^2 - 2 T_1^3 T_2^2 + 2 T_1 T_2^3 - 2 T_1^2 T_2^3 + 2 T_1^3 T_2^3)}{(-1 + T_1) (1 - T_1 + T_1^2) (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2)}, \right. \\
 & - \frac{1 + T_1 T_2}{(-1 + T_1) T_1 (-1 + T_2) (1 - 3 T_1 T_2 + T_1^2 T_2^2)}, \\
 & - \left( (T_2 (-1 + T_1 - T_1^2 + T_1^3 - T_1^4 + T_2 - T_1^4 T_2 + 2 T_1^5 T_2 - T_2^2 - 2 T_1^2 T_2^2 + 2 T_1^3 T_2^2 - T_1^4 T_2^2 + T_1^5 T_2^2 - 3 T_1^6 T_2^2 + T_2^3 + \right. \\
 & 2 T_1^2 T_2^3 - 2 T_1^4 T_2^3 + 2 T_1^5 T_2^3 - T_1^6 T_2^3 + 4 T_1^7 T_2^3 - T_2^4 - T_1 T_2^4 - T_1^2 T_2^4 - 2 T_1^3 T_2^4 + 2 T_1^4 T_2^4 - 2 T_1^5 T_2^4 + \\
 & T_1^6 T_2^4 - 4 T_1^7 T_2^4 + 2 T_1 T_2^5 + T_1^2 T_2^5 + 2 T_1^3 T_2^5 - 2 T_1^4 T_2^5 + 2 T_1^5 T_2^5 - T_1^6 T_2^5 + 4 T_1^7 T_2^5 - 3 T_1^2 T_2^6 - \\
 & T_1^3 T_2^6 + T_1^4 T_2^6 - T_1^5 T_2^6 + T_1^6 T_2^6 - 4 T_1^7 T_2^6 + 4 T_1^3 T_2^7 - 4 T_1^4 T_2^7 + 4 T_1^5 T_2^7 - 4 T_1^6 T_2^7 + 4 T_1^7 T_2^7) / \\
 & \left. \left( (-1 + T_1) (1 - T_1 + T_1^2 - T_1^3 + T_1^4) (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2 - T_2^3 + T_2^4) \right. \right. \\
 & \left. \left. (1 - T_1 T_2 + T_1^2 T_2^2 - T_1^3 T_2^3 + T_1^4 T_2^4) \right) \right), \\
 & - \left( (-7 + 17 T_1 - 7 T_1^2 + 17 T_2 - 44 T_1 T_2 + 26 T_1^2 T_2 - 3 T_1^3 T_2 - 7 T_2^2 + 26 T_1 T_2^2 - 24 T_1^2 T_2^2 - 14 T_1^3 T_2^2 + \right. \\
 & 9 T_1^4 T_2^2 - 3 T_1 T_2^3 - 14 T_1^2 T_2^3 + 56 T_1^3 T_2^3 - 23 T_1^4 T_2^3 + 9 T_1^2 T_2^4 - 23 T_1^3 T_2^4 + 9 T_1^4 T_2^4) / \left( (-2 + T_1) (-1 + T_1) \right. \\
 & \left. T_1 (-1 + 2 T_1) (-2 + T_2) (-1 + T_2) (-1 + 2 T_2) (-2 + T_1 T_2) (-1 + T_1 T_2) (-1 + 2 T_1 T_2) \right) \Big), \\
 & - \left( (T_2 (-1 + T_1 - T_1^2 + T_1^3 - T_1^4 + T_1^5 - T_1^6 + T_2 - T_1^6 T_2 + 2 T_1^7 T_2 - T_2^2 - 2 T_1^2 T_2^2 + 2 T_1^3 T_2^2 - 2 T_1^4 T_2^2 + 2 T_1^5 T_2^2 - \right. \\
 & T_1^6 T_2^2 + T_1^7 T_2^2 - 3 T_1^8 T_2^2 + T_2^3 + 2 T_1^2 T_2^3 - 2 T_1^3 T_2^3 + 2 T_1^4 T_2^3 - T_1^5 T_2^3 + 4 T_1^6 T_2^3 - T_2^4 - 2 T_1 T_2^4 - 3 T_1^2 T_2^4 - 3 T_1^3 T_2^4 + \\
 & 3 T_1^4 T_2^4 - T_1^5 T_2^4 + 2 T_1^6 T_2^4 - 3 T_1^7 T_2^4 + T_1^8 T_2^4 - 5 T_1^{10} T_2^4 + T_2^5 + 2 T_1^2 T_2^5 + 3 T_1^4 T_2^5 - 3 T_1^5 T_2^5 + 2 T_1^6 T_2^5 - \\
 & 2 T_1^7 T_2^5 + 4 T_1^8 T_2^5 - T_1^9 T_2^5 + 6 T_1^{11} T_2^5 - T_2^6 - T_1 T_2^6 - T_1^2 T_2^6 - 2 T_1^3 T_2^6 - T_1^4 T_2^6 - 3 T_1^5 T_2^6 + 3 T_1^6 T_2^6 - \\
 & 2 T_1^7 T_2^6 + 2 T_1^8 T_2^6 - 4 T_1^9 T_2^6 + T_1^{10} T_2^6 - 6 T_1^{11} T_2^6 + 2 T_1 T_2^7 + T_1^2 T_2^7 + 2 T_1^3 T_2^7 + 2 T_1^4 T_2^7 + 2 T_1^5 T_2^7 - \\
 & 2 T_1^6 T_2^7 + 2 T_1^7 T_2^7 - 2 T_1^8 T_2^7 + 4 T_1^9 T_2^7 - T_1^{10} T_2^7 + 6 T_1^{11} T_2^7 - 3 T_1^2 T_2^8 - T_1^3 T_2^8 - 3 T_1^4 T_2^8 - 2 T_1^5 T_2^8 + \\
 & 2 T_1^6 T_2^8 - 2 T_1^7 T_2^8 + 2 T_1^8 T_2^8 - 4 T_1^9 T_2^8 + T_1^{10} T_2^8 - 6 T_1^{11} T_2^8 + 4 T_1^3 T_2^9 + T_1^4 T_2^9 + 4 T_1^5 T_2^9 - 4 T_1^6 T_2^9 + \\
 & 4 T_1^7 T_2^9 - 4 T_1^8 T_2^9 + 4 T_1^9 T_2^9 - T_1^{10} T_2^9 + 6 T_1^{11} T_2^9 - 5 T_1^4 T_2^{10} - T_1^5 T_2^{10} + T_1^6 T_2^{10} - T_1^7 T_2^{10} + T_1^8 T_2^{10} - 9 T_1^9 T_2^{10} + \\
 & T_1^{10} T_2^{10} - 6 T_1^{11} T_2^{10} + 6 T_1^5 T_2^{11} - 6 T_1^6 T_2^{11} + 6 T_1^7 T_2^{11} - 6 T_1^8 T_2^{11} + 6 T_1^9 T_2^{11} - 6 T_1^{10} T_2^{11} + 6 T_1^{11} T_2^{11}) / \\
 & \left. \left( (-1 + T_1) (1 - T_1 + T_1^2 - T_1^3 + T_1^4 - T_1^5 + T_1^6) (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2 - T_2^3 + T_2^4 - T_2^5 + T_2^6) \right. \right. \\
 & \left. \left. (1 - T_1 T_2 + T_1^2 T_2^2 - T_1^3 T_2^3 + T_1^4 T_2^4 - T_1^5 T_2^5 + T_1^6 T_2^6) \right) \right), \\
 & - \left( (-18 + 40 T_1 - 18 T_1^2 + 40 T_2 - 111 T_1 T_2 + 99 T_1^2 T_2 - 23 T_1^3 T_2 - 18 T_2^2 + 99 T_1 T_2^2 - 132 T_1^2 T_2^2 - \right.
 \end{aligned}$$

$$\begin{aligned}
 & 27 T_1^3 T_2^2 + 36 T_1^4 T_2^2 - 23 T_1 T_2^3 - 27 T_1^2 T_2^3 + 183 T_1^3 T_2^3 - 86 T_1^4 T_2^3 + 36 T_1^2 T_2^4 - 86 T_1^3 T_2^4 + 36 T_1^4 T_2^4 / \\
 & \left( (-1 + T_1) T_1 (3 - 7 T_1 + 3 T_1^2) (-1 + T_2) (-1 + T_1 T_2) (3 - 7 T_2 + 3 T_2^2) (3 - 7 T_1 T_2 + 3 T_1^2 T_2^2) \right), \\
 & - \left( (T_2 (-1 + T_1 - T_1^2 + T_1^3 - T_1^4 + T_1^5 - T_1^6 + T_1^7 - T_1^8 + T_2 - T_1^8 T_2 + 2 T_1^9 T_2 - T_2^2 - 2 T_1^2 T_2^2 + 2 T_1^3 T_2^2 - 2 T_1^4 T_2^2 + \right. \\
 & 2 T_1^5 T_2^2 - 2 T_1^6 T_2^2 + 2 T_1^7 T_2^2 - T_1^8 T_2^2 + T_1^9 T_2^2 - 3 T_1^{10} T_2^2 + T_2^3 + 2 T_1^2 T_2^3 - 2 T_1^8 T_2^3 + 2 T_1^9 T_2^3 - T_1^{10} T_2^3 + \\
 & 4 T_1^{11} T_2^3 - T_2^4 - 2 T_1^2 T_2^4 - 3 T_1^4 T_2^4 + 3 T_1^5 T_2^4 - 3 T_1^6 T_2^4 + 3 T_1^7 T_2^4 - T_1^8 T_2^4 + 2 T_1^9 T_2^4 - 3 T_1^{10} T_2^4 + T_1^{11} T_2^4 - \\
 & 5 T_1^{12} T_2^4 + T_2^5 + 2 T_1^2 T_2^5 + 3 T_1^4 T_2^5 - 3 T_1^8 T_2^5 + 2 T_1^9 T_2^5 - 2 T_1^{10} T_2^5 + 4 T_1^{11} T_2^5 - T_1^{12} T_2^5 + 6 T_1^{13} T_2^5 - T_2^6 - \\
 & 2 T_1^2 T_2^6 - 3 T_1^4 T_2^6 - 4 T_1^6 T_2^6 + 4 T_1^7 T_2^6 - T_1^8 T_2^6 + 3 T_1^9 T_2^6 - 3 T_1^{10} T_2^6 + 2 T_1^{11} T_2^6 - 5 T_1^{12} T_2^6 + T_1^{13} T_2^6 - \\
 & 7 T_1^{14} T_2^6 + T_2^7 + 2 T_1^2 T_2^7 + 3 T_1^4 T_2^7 + 4 T_1^6 T_2^7 - 4 T_1^8 T_2^7 + 2 T_1^9 T_2^7 - 3 T_1^{10} T_2^7 + 4 T_1^{11} T_2^7 - 2 T_1^{12} T_2^7 + \\
 & 6 T_1^{13} T_2^7 - T_1^{14} T_2^7 + 8 T_1^{15} T_2^7 - T_2^8 - T_1 T_2^8 - T_1^2 T_2^8 - 2 T_1^3 T_2^8 - T_1^4 T_2^8 - 3 T_1^5 T_2^8 - T_1^6 T_2^8 - 4 T_1^7 T_2^8 + \\
 & 4 T_1^8 T_2^8 - 2 T_1^9 T_2^8 + 3 T_1^{10} T_2^8 - 4 T_1^{11} T_2^8 + 2 T_1^{12} T_2^8 - 6 T_1^{13} T_2^8 + T_1^{14} T_2^8 - 8 T_1^{15} T_2^8 + 2 T_1 T_2^9 + T_1^2 T_2^9 + \\
 & 2 T_1^3 T_2^9 + 2 T_1^4 T_2^9 + 2 T_1^5 T_2^9 + 3 T_1^6 T_2^9 + 2 T_1^7 T_2^9 - 2 T_1^8 T_2^9 + 2 T_1^9 T_2^9 - 3 T_1^{10} T_2^9 + 4 T_1^{11} T_2^9 - 2 T_1^{12} T_2^9 + \\
 & 6 T_1^{13} T_2^9 - T_1^{14} T_2^9 + 8 T_1^{15} T_2^9 - 3 T_1^2 T_2^{10} - T_1^3 T_2^{10} - 3 T_1^4 T_2^{10} - 2 T_1^5 T_2^{10} - 3 T_1^6 T_2^{10} - 3 T_1^7 T_2^{10} + \\
 & 3 T_1^8 T_2^{10} - 3 T_1^9 T_2^{10} + 3 T_1^{10} T_2^{10} - 4 T_1^{11} T_2^{10} + 2 T_1^{12} T_2^{10} - 6 T_1^{13} T_2^{10} + T_1^{14} T_2^{10} - 8 T_1^{15} T_2^{10} + 4 T_1^3 T_2^{11} + \\
 & T_1^4 T_2^{11} + 4 T_1^5 T_2^{11} + 2 T_1^6 T_2^{11} + 4 T_1^7 T_2^{11} - 4 T_1^8 T_2^{11} + 4 T_1^9 T_2^{11} - 4 T_1^{10} T_2^{11} + 4 T_1^{11} T_2^{11} - 2 T_1^{12} T_2^{11} + \\
 & 6 T_1^{13} T_2^{11} - T_1^{14} T_2^{11} + 8 T_1^{15} T_2^{11} - 5 T_1^2 T_2^{12} - T_1^5 T_2^{12} - 5 T_1^6 T_2^{12} - 2 T_1^7 T_2^{12} + 2 T_1^8 T_2^{12} - 2 T_1^9 T_2^{12} + \\
 & 2 T_1^{10} T_2^{12} - 2 T_1^{11} T_2^{12} + 2 T_1^{12} T_2^{12} - 6 T_1^{13} T_2^{12} + T_1^{14} T_2^{12} - 8 T_1^{15} T_2^{12} + 6 T_1^5 T_2^{13} + T_1^6 T_2^{13} + 6 T_1^7 T_2^{13} - \\
 & 6 T_1^8 T_2^{13} + 6 T_1^9 T_2^{13} - 6 T_1^{10} T_2^{13} + 6 T_1^{11} T_2^{13} - 6 T_1^{12} T_2^{13} + 6 T_1^{13} T_2^{13} - T_1^{14} T_2^{13} + 8 T_1^{15} T_2^{13} - 7 T_1^6 T_2^{14} - \\
 & T_1^7 T_2^{14} + T_1^8 T_2^{14} - T_1^9 T_2^{14} + T_1^{10} T_2^{14} - T_1^{11} T_2^{14} + T_1^{12} T_2^{14} - T_1^{13} T_2^{14} + T_1^{14} T_2^{14} - 8 T_1^{15} T_2^{14} + 8 T_1^7 T_2^{15} - \\
 & 8 T_1^8 T_2^{15} + 8 T_1^9 T_2^{15} - 8 T_1^{10} T_2^{15} + 8 T_1^{11} T_2^{15} - 8 T_1^{12} T_2^{15} + 8 T_1^{13} T_2^{15} - 8 T_1^{14} T_2^{15} + 8 T_1^{15} T_2^{15} \left. \right) / \\
 & \left( (-1 + T_1) (1 - T_1 + T_1^2) (1 - T_1^3 + T_1^6) (-1 + T_2) (-1 + T_1 T_2) (1 - T_2 + T_2^2) \right. \\
 & \left. (1 - T_1 T_2 + T_1^2 T_2^2) (1 - T_2^3 + T_2^6) (1 - T_1^3 T_2^3 + T_1^6 T_2^6) \right), \\
 & - \left( (2 (-14 + 29 T_1 - 14 T_1^2 + 29 T_2 - 102 T_1 T_2 + 132 T_1^2 T_2 - 43 T_1^3 T_2 - 14 T_2^2 + 132 T_1 T_2^2 - 210 T_1^2 T_2^2 - \right. \\
 & 12 T_1^3 T_2^2 + 50 T_1^4 T_2^2 - 43 T_1 T_2^3 - 12 T_1^2 T_2^3 + 222 T_1^3 T_2^3 - 115 T_1^4 T_2^3 + 50 T_1^2 T_2^4 - 115 T_1^3 T_2^4 + 50 T_1^4 T_2^4) \left. \right) / \\
 & \left( (-1 + T_1) T_1 (4 - 9 T_1 + 4 T_1^2) (-1 + T_2) (-1 + T_1 T_2) (4 - 9 T_2 + 4 T_2^2) (4 - 9 T_1 T_2 + 4 T_1^2 T_2^2) \right) \}
 \end{aligned}$$

In[\*]:= **K = Knot**["K11n34"]; **Conway** =  $\int \mathcal{L}[K] \, d \mathbf{vs} [K]$

**KnotTheory**: Loading precomputed data in DTCode4KnotsTo11`.

**KnotTheory**: The GaussCode to PD conversion was written by Siddarth Sankaran at the University of Toronto in the summer of 2005.

Out[\*]=

$$\begin{aligned}
 & -i \mathbb{E} \left[ \in \text{Series} \left[ \emptyset, \right. \right. \\
 & \left. \left. - \frac{1}{(-1 + T_1) T_1^7 (-1 + T_2) T_2^6 (-1 + T_1 T_2)} (a_2 b_3 T_1^2 - a_2 b_5 T_1^2 - 4 a_2 b_3 T_1^3 + a_4 b_3 T_1^3 + 3 a_2 b_5 T_1^3 - \right. \right. \\
 & a_4 b_5 T_1^3 + 6 a_2 b_3 T_1^4 - 3 a_4 b_3 T_1^4 - 3 a_2 b_5 T_1^4 + 2 a_4 b_5 T_1^4 - 4 a_2 b_3 T_1^5 + 3 a_4 b_3 T_1^5 + a_2 b_5 T_1^5 - \\
 & a_4 b_5 T_1^5 + a_2 b_3 T_1^6 - a_4 b_3 T_1^6 - 2 a_2 b_3 T_1 T_2 + 2 a_2 b_5 T_1 T_2 + 6 a_2 b_3 T_1^2 T_2 - a_4 b_3 T_1^2 T_2 - \\
 & 3 a_2 b_5 T_1^2 T_2 + a_4 b_5 T_1^2 T_2 - 6 a_2 b_3 T_1^3 T_2 - a_4 b_3 T_1^3 T_2 - a_2 b_5 T_1^3 T_2 + 3 a_4 b_5 T_1^3 T_2 + 2 a_2 b_3 T_1^4 T_2 + \\
 & 7 a_4 b_3 T_1^4 T_2 + 3 a_2 b_5 T_1^4 T_2 - 7 a_4 b_5 T_1^4 T_2 + 2 a_2 b_3 T_1^5 T_2 - 7 a_4 b_3 T_1^5 T_2 - 3 a_2 b_5 T_1^5 T_2 + \\
 & 3 a_4 b_5 T_1^5 T_2 - 6 a_2 b_3 T_1^6 T_2 + 4 a_4 b_3 T_1^6 T_2 + 4 a_2 b_5 T_1^6 T_2 - 2 a_4 b_5 T_1^6 T_2 + 6 a_2 b_3 T_1^7 T_2 - \\
 & 4 a_4 b_3 T_1^7 T_2 - 2 a_2 b_5 T_1^7 T_2 + 2 a_4 b_5 T_1^7 T_2 - 2 a_2 b_3 T_1^8 T_2 + 2 a_4 b_3 T_1^8 T_2 + a_2 b_3 T_2^2 - a_2 b_5 T_2^2 - \\
 & a_4 b_3 T_1 T_2^2 - 3 a_2 b_5 T_1 T_2^2 + a_4 b_5 T_1 T_2^2 - 5 a_2 b_3 T_1^2 T_2^2 + 9 a_4 b_3 T_1^2 T_2^2 + 8 a_2 b_5 T_1^2 T_2^2 - 9 a_4 b_5 T_1^2 T_2^2 + \\
 & 6 a_2 b_3 T_1^3 T_2^2 - 14 a_4 b_3 T_1^3 T_2^2 - 4 a_2 b_5 T_1^3 T_2^2 + 4 a_4 b_5 T_1^3 T_2^2 - 4 a_2 b_3 T_1^4 T_2^2 + 6 a_4 b_3 T_1^4 T_2^2 + \\
 & 2 a_2 b_5 T_1^4 T_2^2 + 5 a_4 b_5 T_1^4 T_2^2 + 4 a_2 b_3 T_1^5 T_2^2 - 2 a_4 b_5 T_1^5 T_2^2 - 4 a_2 b_3 T_1^6 T_2^2 - 6 a_4 b_3 T_1^6 T_2^2 - \\
 & \left. \left. 2 a_2 b_5 T_1^6 T_2^2 + 8 a_4 b_5 T_1^6 T_2^2 + 6 a_2 b_3 T_1^7 T_2^2 + 8 a_4 b_3 T_1^7 T_2^2 - 2 a_2 b_5 T_1^7 T_2^2 - 4 a_4 b_5 T_1^7 T_2^2 \right. \right.
 \end{aligned}$$



$$\begin{aligned}
 & 5 a_2 b_3 T_1^8 T_2^2 + a_2 b_5 T_1^8 T_2^2 - 2 a_4 b_5 T_1^8 T_2^2 - a_4 b_3 T_1^9 T_2^2 + a_2 b_5 T_1^9 T_2^2 - a_4 b_5 T_1^9 T_2^2 + a_2 b_3 T_1^{10} T_2^2 - \\
 & a_4 b_3 T_1^{10} T_2^2 - 2 a_2 b_3 T_2^3 + a_4 b_3 T_2^3 + 3 a_2 b_5 T_2^3 - a_4 b_5 T_2^3 + 4 a_2 b_3 T_1 T_2^3 - 3 a_4 b_3 T_1 T_2^3 - a_2 b_5 T_1 T_2^3 + \\
 & a_4 b_5 T_1 T_2^3 - 2 a_2 b_3 T_1^2 T_2^3 - 4 a_4 b_3 T_1^2 T_2^3 - 4 a_2 b_5 T_1^2 T_2^3 + 14 a_4 b_5 T_1^2 T_2^3 + 10 a_4 b_3 T_1^3 T_2^3 + \\
 & 2 a_2 b_5 T_1^3 T_2^3 - 10 a_4 b_5 T_1^3 T_2^3 + a_2 b_3 T_1^4 T_2^3 - 6 a_4 b_3 T_1^4 T_2^3 - 3 a_2 b_5 T_1^4 T_2^3 + 2 a_4 b_5 T_1^4 T_2^3 - \\
 & a_2 b_3 T_1^5 T_2^3 + 7 a_4 b_3 T_1^5 T_2^3 + 2 a_2 b_5 T_1^5 T_2^3 - 5 a_4 b_5 T_1^5 T_2^3 - a_2 b_3 T_1^6 T_2^3 - 6 a_4 b_3 T_1^6 T_2^3 - a_2 b_5 T_1^6 T_2^3 - \\
 & 5 a_4 b_5 T_1^6 T_2^3 + a_2 b_3 T_1^7 T_2^3 + 7 a_4 b_3 T_1^7 T_2^3 + 4 a_2 b_5 T_1^7 T_2^3 - 4 a_4 b_5 T_1^7 T_2^3 + 2 c_{19} T_1^7 T_2^3 + 2 c_{34} T_1^7 T_2^3 + \\
 & 2 c_{49} T_1^7 T_2^3 + 2 c_{64} T_1^7 T_2^3 - 9 a_4 b_3 T_1^8 T_2^3 - a_2 b_5 T_1^8 T_2^3 + 5 a_4 b_5 T_1^8 T_2^3 - 2 c_{19} T_1^8 T_2^3 - 2 c_{34} T_1^8 T_2^3 - \\
 & 2 c_{49} T_1^8 T_2^3 - 2 c_{64} T_1^8 T_2^3 - 2 a_2 b_3 T_1^9 T_2^3 + a_4 b_3 T_1^9 T_2^3 + a_2 b_5 T_1^9 T_2^3 + 3 a_4 b_5 T_1^9 T_2^3 + 4 a_2 b_3 T_1^{10} T_2^3 - \\
 & 2 a_2 b_5 T_1^{10} T_2^3 + 2 a_4 b_5 T_1^{10} T_2^3 - 2 a_2 b_3 T_1^{11} T_2^3 + 2 a_4 b_3 T_1^{11} T_2^3 + a_2 b_5 T_1^{11} T_2^3 - 2 a_4 b_5 T_1^{11} T_2^3 - 3 a_2 b_5 T_2^4 + \\
 & 3 a_4 b_5 T_2^4 - 2 a_2 b_3 T_1 T_2^4 + 7 a_4 b_3 T_1 T_2^4 + 3 a_2 b_5 T_1 T_2^4 - 7 a_4 b_5 T_1 T_2^4 - a_2 b_3 T_1^2 T_2^4 - 5 a_4 b_3 T_1^2 T_2^4 + \\
 & 2 a_2 b_5 T_1^2 T_2^4 - 6 a_4 b_5 T_1^2 T_2^4 + 5 a_2 b_3 T_1^3 T_2^4 - 2 a_4 b_3 T_1^3 T_2^4 - 3 a_2 b_5 T_1^3 T_2^4 + 6 a_4 b_5 T_1^3 T_2^4 - \\
 & 2 a_2 b_3 T_1^4 T_2^4 + 4 a_4 b_3 T_1^4 T_2^4 - 4 a_4 b_5 T_1^4 T_2^4 - 3 a_2 b_3 T_1^5 T_2^4 - a_4 b_3 T_1^5 T_2^4 + 2 a_2 b_5 T_1^5 T_2^4 + 4 a_4 b_5 T_1^5 T_2^4 + \\
 & 4 a_2 b_3 T_1^6 T_2^4 - 3 a_4 b_3 T_1^6 T_2^4 - 3 a_2 b_5 T_1^6 T_2^4 + a_4 b_5 T_1^6 T_2^4 - 3 a_2 b_3 T_1^7 T_2^4 + 4 a_4 b_3 T_1^7 T_2^4 + a_2 b_5 T_1^7 T_2^4 + \\
 & 4 a_4 b_5 T_1^7 T_2^4 - 6 c_{19} T_1^7 T_2^4 - 6 c_{34} T_1^7 T_2^4 - 6 c_{49} T_1^7 T_2^4 - 6 c_{64} T_1^7 T_2^4 - 2 a_2 b_3 T_1^8 T_2^4 - a_4 b_3 T_1^8 T_2^4 + \\
 & 3 a_2 b_5 T_1^8 T_2^4 - 4 a_4 b_5 T_1^8 T_2^4 + 4 c_{19} T_1^8 T_2^4 + 4 c_{34} T_1^8 T_2^4 + 4 c_{49} T_1^8 T_2^4 + 4 c_{64} T_1^8 T_2^4 + 5 a_2 b_3 T_1^9 T_2^4 - \\
 & 5 a_4 b_3 T_1^9 T_2^4 - 4 a_2 b_5 T_1^9 T_2^4 + 2 a_4 b_5 T_1^9 T_2^4 + 2 c_{19} T_1^9 T_2^4 + 2 c_{34} T_1^9 T_2^4 + 2 c_{49} T_1^9 T_2^4 + 2 c_{64} T_1^9 T_2^4 - \\
 & a_2 b_3 T_1^{10} T_2^4 + 8 a_4 b_3 T_1^{10} T_2^4 + a_2 b_5 T_1^{10} T_2^4 - 6 a_4 b_5 T_1^{10} T_2^4 - 2 a_2 b_3 T_1^{11} T_2^4 - 3 a_4 b_3 T_1^{11} T_2^4 + \\
 & a_2 b_5 T_1^{11} T_2^4 - a_4 b_5 T_1^{11} T_2^4 + a_2 b_3 T_1^{12} T_2^4 - a_4 b_3 T_1^{12} T_2^4 + a_4 b_3 T_2^5 + a_2 b_5 T_2^5 - 3 a_4 b_5 T_2^5 + \\
 & 2 a_2 b_3 T_1 T_2^5 - 3 a_4 b_3 T_1 T_2^5 - 3 a_2 b_5 T_1 T_2^5 + 7 a_4 b_5 T_1 T_2^5 - 4 a_2 b_3 T_1^2 T_2^5 + 2 a_4 b_3 T_1^2 T_2^5 + \\
 & 3 a_2 b_5 T_1^2 T_2^5 + 5 a_4 b_3 T_1^2 T_2^5 + 2 a_2 b_5 T_1^3 T_2^5 - 7 a_4 b_5 T_1^3 T_2^5 - 2 a_2 b_3 T_1^4 T_2^5 - 4 a_4 b_3 T_1^4 T_2^5 + \\
 & 2 a_2 b_5 T_1^4 T_2^5 + a_4 b_5 T_1^4 T_2^5 - 3 a_2 b_3 T_1^5 T_2^5 - 5 a_4 b_3 T_1^5 T_2^5 + 2 a_2 b_5 T_1^5 T_2^5 + 5 a_4 b_5 T_1^5 T_2^5 + \\
 & 4 a_2 b_3 T_1^6 T_2^5 + 2 a_4 b_3 T_1^6 T_2^5 + 2 a_2 b_5 T_1^6 T_2^5 + 4 a_4 b_3 T_1^6 T_2^5 - 5 a_4 b_3 T_1^7 T_2^5 - 5 a_2 b_5 T_1^7 T_2^5 + \\
 & 9 a_4 b_5 T_1^7 T_2^5 + 6 c_{19} T_1^7 T_2^5 + 6 c_{34} T_1^7 T_2^5 + 6 c_{49} T_1^7 T_2^5 + 6 c_{64} T_1^7 T_2^5 - 3 a_2 b_3 T_1^8 T_2^5 + 3 a_4 b_3 T_1^8 T_2^5 - \\
 & 4 a_2 b_5 T_1^8 T_2^5 + 5 a_4 b_5 T_1^8 T_2^5 - 2 a_2 b_3 T_1^9 T_2^5 + 9 a_4 b_3 T_1^9 T_2^5 + 3 a_2 b_5 T_1^9 T_2^5 - 9 a_4 b_5 T_1^9 T_2^5 - \\
 & 6 c_{19} T_1^9 T_2^5 - 6 c_{34} T_1^9 T_2^5 - 6 c_{49} T_1^9 T_2^5 - 6 c_{64} T_1^9 T_2^5 + 3 a_2 b_3 T_1^{10} T_2^5 - 4 a_4 b_3 T_1^{10} T_2^5 - a_2 b_5 T_1^{10} T_2^5 + \\
 & 3 a_4 b_5 T_1^{10} T_2^5 - 4 a_2 b_3 T_1^{11} T_2^5 - a_4 b_3 T_1^{11} T_2^5 + a_2 b_5 T_1^{11} T_2^5 + a_4 b_5 T_1^{11} T_2^5 + 2 a_2 b_3 T_1^{12} T_2^5 + a_4 b_5 T_1^{12} T_2^5 - \\
 & 2 a_2 b_3 T_1 T_2^6 + 2 a_4 b_3 T_1 T_2^6 + 4 a_2 b_5 T_1 T_2^6 - 4 a_4 b_5 T_1 T_2^6 + 2 a_2 b_3 T_1^2 T_2^6 - 8 a_4 b_3 T_1^2 T_2^6 - \\
 & 2 a_2 b_5 T_1^2 T_2^6 + 6 a_4 b_5 T_1^2 T_2^6 + 2 a_2 b_3 T_1^3 T_2^6 + 5 a_4 b_3 T_1^3 T_2^6 - a_2 b_5 T_1^3 T_2^6 + 6 a_4 b_5 T_1^3 T_2^6 - a_4 b_3 T_1^4 T_2^6 - \\
 & 3 a_2 b_5 T_1^4 T_2^6 + 3 a_4 b_5 T_1^4 T_2^6 + 2 c_{16} T_1^4 T_2^6 + 2 c_{31} T_1^4 T_2^6 + 2 c_{46} T_1^4 T_2^6 + 2 c_{61} T_1^4 T_2^6 - 8 a_2 b_3 T_1^5 T_2^6 + \\
 & 2 a_2 b_5 T_1^5 T_2^6 - 2 a_4 b_5 T_1^5 T_2^6 - 6 c_{16} T_1^5 T_2^6 - 6 c_{31} T_1^5 T_2^6 - 6 c_{46} T_1^5 T_2^6 - 6 c_{61} T_1^5 T_2^6 + 22 a_2 b_3 T_1^6 T_2^6 + \\
 & 2 a_4 b_3 T_1^6 T_2^6 - 16 a_2 b_5 T_1^6 T_2^6 - 2 a_4 b_5 T_1^6 T_2^6 + 6 c_{16} T_1^6 T_2^6 + 6 c_{31} T_1^6 T_2^6 + 6 c_{46} T_1^6 T_2^6 + 6 c_{61} T_1^6 T_2^6 - \\
 & 32 a_2 b_3 T_1^7 T_2^6 + 20 a_4 b_3 T_1^7 T_2^6 + 20 a_2 b_5 T_1^7 T_2^6 - 27 a_4 b_5 T_1^7 T_2^6 - 2 c_{16} T_1^7 T_2^6 - 2 c_{19} T_1^7 T_2^6 - \\
 & 2 c_{31} T_1^7 T_2^6 - 2 c_{34} T_1^7 T_2^6 - 2 c_{46} T_1^7 T_2^6 - 2 c_{49} T_1^7 T_2^6 - 2 c_{61} T_1^7 T_2^6 - 2 c_{64} T_1^7 T_2^6 + 22 a_2 b_3 T_1^8 T_2^6 - \\
 & 23 a_4 b_3 T_1^8 T_2^6 - 5 a_2 b_5 T_1^8 T_2^6 - a_4 b_5 T_1^8 T_2^6 + 2 c_{16} T_1^8 T_2^6 - 4 c_{19} T_1^8 T_2^6 + 2 c_{31} T_1^8 T_2^6 - 4 c_{34} T_1^8 T_2^6 + \\
 & 2 c_{46} T_1^8 T_2^6 - 4 c_{49} T_1^8 T_2^6 + 2 c_{61} T_1^8 T_2^6 - 4 c_{64} T_1^8 T_2^6 - 8 a_2 b_3 T_1^9 T_2^6 + 3 a_4 b_3 T_1^9 T_2^6 + a_2 b_5 T_1^9 T_2^6 + \\
 & 5 a_4 b_5 T_1^9 T_2^6 - 6 c_{16} T_1^9 T_2^6 + 6 c_{19} T_1^9 T_2^6 - 6 c_{31} T_1^9 T_2^6 + 6 c_{34} T_1^9 T_2^6 - 6 c_{46} T_1^9 T_2^6 + 6 c_{49} T_1^9 T_2^6 - \\
 & 6 c_{61} T_1^9 T_2^6 + 6 c_{64} T_1^9 T_2^6 + 2 a_4 b_3 T_1^{10} T_2^6 + 4 a_2 b_5 T_1^{10} T_2^6 - a_4 b_5 T_1^{10} T_2^6 + 6 c_{16} T_1^{10} T_2^6 + 6 c_{31} T_1^{10} T_2^6 + \\
 & 6 c_{46} T_1^{10} T_2^6 + 6 c_{61} T_1^{10} T_2^6 + 2 a_2 b_3 T_1^{11} T_2^6 - 8 a_4 b_3 T_1^{11} T_2^6 - 2 a_2 b_5 T_1^{11} T_2^6 + 6 a_4 b_5 T_1^{11} T_2^6 - \\
 & 2 c_{16} T_1^{11} T_2^6 - 2 c_{31} T_1^{11} T_2^6 - 2 c_{46} T_1^{11} T_2^6 - 2 c_{61} T_1^{11} T_2^6 + 2 a_2 b_3 T_1^{12} T_2^6 + 4 a_4 b_3 T_1^{12} T_2^6 - 2 a_2 b_5 T_1^{12} T_2^6 + \\
 & 2 a_4 b_5 T_1^{12} T_2^6 - 2 a_2 b_3 T_1^{13} T_2^6 + 2 a_4 b_3 T_1^{13} T_2^6 - 2 a_4 b_3 T_1 T_2^7 - 2 a_2 b_5 T_1 T_2^7 + 4 a_4 b_5 T_1 T_2^7 + \\
 & 2 a_2 b_3 T_1^2 T_2^7 + 4 a_4 b_3 T_1^2 T_2^7 - 2 a_2 b_5 T_1^2 T_2^7 - 8 a_4 b_5 T_1^2 T_2^7 - 4 a_2 b_3 T_1^3 T_2^7 + 4 a_4 b_3 T_1^3 T_2^7 + \\
 & 4 a_2 b_5 T_1^3 T_2^7 - 7 a_4 b_5 T_1^3 T_2^7 + 3 a_2 b_3 T_1^4 T_2^7 - 4 a_4 b_3 T_1^4 T_2^7 + a_2 b_5 T_1^4 T_2^7 - 4 a_4 b_5 T_1^4 T_2^7 - 2 c_{16} T_1^4 T_2^7 - \\
 & 2 c_{31} T_1^4 T_2^7 - 2 c_{46} T_1^4 T_2^7 - 2 c_{61} T_1^4 T_2^7 - 2 a_2 b_3 T_1^5 T_2^7 - 9 a_4 b_3 T_1^5 T_2^7 - 5 a_2 b_5 T_1^5 T_2^7 + 5 a_4 b_5 T_1^5 T_2^7 + \\
 & 4 c_{16} T_1^5 T_2^7 + 4 c_{31} T_1^5 T_2^7 + 4 c_{46} T_1^5 T_2^7 + 4 c_{61} T_1^5 T_2^7 - 3 a_2 b_3 T_1^6 T_2^7 + 27 a_4 b_3 T_1^6 T_2^7 + 20 a_2 b_5 T_1^6 T_2^7 - \\
 & 20 a_4 b_5 T_1^6 T_2^7 + 4 a_2 b_3 T_1^7 T_2^7 - 52 a_4 b_3 T_1^7 T_2^7 - 16 a_2 b_5 T_1^7 T_2^7 + 52 a_4 b_5 T_1^7 T_2^7 - 4 c_{16} T_1^7 T_2^7 + \\
 & 2 c_{19} T_1^7 T_2^7 - 4 c_{31} T_1^7 T_2^7 + 2 c_{34} T_1^7 T_2^7 - 4 c_{46} T_1^7 T_2^7 + 2 c_{49} T_1^7 T_2^7 - 4 c_{61} T_1^7 T_2^7 + 2 c_{64} T_1^7 T_2^7 +
 \end{aligned}$$

$$\begin{aligned}
 & 4 a_2 b_3 T_1^8 T_2^7 + 38 a_4 b_3 T_1^8 T_2^7 + 2 a_2 b_5 T_1^8 T_2^7 - 9 a_4 b_5 T_1^8 T_2^7 - 3 a_2 b_3 T_1^9 T_2^7 - 10 a_4 b_3 T_1^9 T_2^7 - \\
 & 3 a_2 b_5 T_1^9 T_2^7 + 4 a_4 b_5 T_1^9 T_2^7 + 4 c_{16} T_1^9 T_2^7 - 2 c_{19} T_1^9 T_2^7 + 4 c_{31} T_1^9 T_2^7 - 2 c_{34} T_1^9 T_2^7 + 4 c_{46} T_1^9 T_2^7 - \\
 & 2 c_{49} T_1^9 T_2^7 + 4 c_{61} T_1^9 T_2^7 - 2 c_{64} T_1^9 T_2^7 - 2 a_2 b_3 T_1^{10} T_2^7 + 3 a_4 b_3 T_1^{10} T_2^7 - a_2 b_5 T_1^{10} T_2^7 + 3 a_4 b_5 T_1^{10} T_2^7 + \\
 & 3 a_2 b_3 T_1^{11} T_2^7 + 3 a_4 b_3 T_1^{11} T_2^7 - 2 a_2 b_5 T_1^{11} T_2^7 - 8 a_4 b_5 T_1^{11} T_2^7 - 4 c_{16} T_1^{11} T_2^7 - 4 c_{31} T_1^{11} T_2^7 - \\
 & 4 c_{46} T_1^{11} T_2^7 - 4 c_{61} T_1^{11} T_2^7 - 4 a_2 b_3 T_1^{12} T_2^7 + 4 a_4 b_3 T_1^{12} T_2^7 + 4 a_2 b_5 T_1^{12} T_2^7 - 8 a_4 b_5 T_1^{12} T_2^7 + \\
 & 2 c_{16} T_1^{12} T_2^7 + 2 c_{31} T_1^{12} T_2^7 + 2 c_{46} T_1^{12} T_2^7 + 2 c_{61} T_1^{12} T_2^7 + 2 a_2 b_3 T_1^{13} T_2^7 - 6 a_4 b_3 T_1^{13} T_2^7 - 2 a_4 b_5 T_1 T_2^8 + \\
 & a_2 b_3 T_1^2 T_2^8 + 2 a_4 b_3 T_1^2 T_2^8 + a_2 b_5 T_1^2 T_2^8 - 2 a_2 b_3 T_1^3 T_2^8 - 5 a_4 b_3 T_1^3 T_2^8 - a_2 b_5 T_1^3 T_2^8 + 9 a_4 b_5 T_1^3 T_2^8 - \\
 & a_2 b_3 T_1^4 T_2^8 + 4 a_4 b_3 T_1^4 T_2^8 + 3 a_2 b_5 T_1^4 T_2^8 + a_4 b_5 T_1^4 T_2^8 + 5 a_2 b_3 T_1^5 T_2^8 - 5 a_4 b_3 T_1^5 T_2^8 - 4 a_2 b_5 T_1^5 T_2^8 - \\
 & 3 a_4 b_5 T_1^5 T_2^8 + 2 c_{16} T_1^5 T_2^8 + 2 c_{31} T_1^5 T_2^8 + 2 c_{46} T_1^5 T_2^8 + 2 c_{61} T_1^5 T_2^8 - 2 a_2 b_3 T_1^6 T_2^8 + a_4 b_3 T_1^6 T_2^8 - \\
 & 5 a_2 b_5 T_1^6 T_2^8 + 23 a_4 b_5 T_1^6 T_2^8 - 6 c_{16} T_1^6 T_2^8 - 6 c_{31} T_1^6 T_2^8 - 6 c_{46} T_1^6 T_2^8 - 6 c_{61} T_1^6 T_2^8 - 3 a_2 b_3 T_1^7 T_2^8 + \\
 & 9 a_4 b_3 T_1^7 T_2^8 + 2 a_2 b_5 T_1^7 T_2^8 - 38 a_4 b_5 T_1^7 T_2^8 + 6 c_{16} T_1^7 T_2^8 - 6 c_{19} T_1^7 T_2^8 + 6 c_{31} T_1^7 T_2^8 - 6 c_{34} T_1^7 T_2^8 + \\
 & 6 c_{46} T_1^7 T_2^8 - 6 c_{49} T_1^7 T_2^8 + 6 c_{61} T_1^7 T_2^8 - 6 c_{64} T_1^7 T_2^8 + 4 a_2 b_3 T_1^8 T_2^8 + 2 a_4 b_3 T_1^8 T_2^8 + 2 a_2 b_5 T_1^8 T_2^8 - \\
 & 2 a_4 b_5 T_1^8 T_2^8 - 2 c_{16} T_1^8 T_2^8 + 4 c_{19} T_1^8 T_2^8 - 2 c_{31} T_1^8 T_2^8 + 4 c_{34} T_1^8 T_2^8 - 2 c_{46} T_1^8 T_2^8 + 4 c_{49} T_1^8 T_2^8 - \\
 & 2 c_{61} T_1^8 T_2^8 + 4 c_{64} T_1^8 T_2^8 - 3 a_2 b_3 T_1^9 T_2^8 - 5 a_4 b_3 T_1^9 T_2^8 + 2 a_2 b_5 T_1^9 T_2^8 - 7 a_4 b_5 T_1^9 T_2^8 + 2 c_{16} T_1^9 T_2^8 + \\
 & 2 c_{19} T_1^9 T_2^8 + 2 c_{31} T_1^9 T_2^8 + 2 c_{34} T_1^9 T_2^8 + 2 c_{46} T_1^9 T_2^8 + 2 c_{49} T_1^9 T_2^8 + 2 c_{61} T_1^9 T_2^8 + 2 c_{64} T_1^9 T_2^8 - \\
 & 2 a_2 b_3 T_1^{10} T_2^8 - 4 a_4 b_3 T_1^{10} T_2^8 + 2 a_2 b_5 T_1^{10} T_2^8 - 6 c_{16} T_1^{10} T_2^8 - 6 c_{31} T_1^{10} T_2^8 - 6 c_{46} T_1^{10} T_2^8 - \\
 & 6 c_{61} T_1^{10} T_2^8 + 5 a_2 b_3 T_1^{11} T_2^8 + a_4 b_3 T_1^{11} T_2^8 + 2 a_4 b_5 T_1^{11} T_2^8 + 6 c_{16} T_1^{11} T_2^8 + 6 c_{31} T_1^{11} T_2^8 + 6 c_{46} T_1^{11} T_2^8 + \\
 & 6 c_{61} T_1^{11} T_2^8 - a_2 b_3 T_1^{12} T_2^8 - 4 a_4 b_3 T_1^{12} T_2^8 - 3 a_2 b_5 T_1^{12} T_2^8 + 10 a_4 b_5 T_1^{12} T_2^8 - 2 c_{16} T_1^{12} T_2^8 - \\
 & 2 c_{31} T_1^{12} T_2^8 - 2 c_{46} T_1^{12} T_2^8 - 2 c_{61} T_1^{12} T_2^8 - 2 a_2 b_3 T_1^{13} T_2^8 + 5 a_4 b_3 T_1^{13} T_2^8 + a_2 b_5 T_1^{13} T_2^8 - \\
 & a_4 b_5 T_1^{13} T_2^8 + a_2 b_3 T_1^{14} T_2^8 - a_4 b_3 T_1^{14} T_2^8 + a_4 b_3 T_1^2 T_2^9 + a_2 b_5 T_1^2 T_2^9 + a_4 b_5 T_1^2 T_2^9 - 2 a_2 b_3 T_1^3 T_2^9 - \\
 & 3 a_4 b_3 T_1^3 T_2^9 + a_2 b_5 T_1^3 T_2^9 - a_4 b_5 T_1^3 T_2^9 + 4 a_2 b_3 T_1^4 T_2^9 - 2 a_4 b_3 T_1^4 T_2^9 - 4 a_2 b_5 T_1^4 T_2^9 + 5 a_4 b_5 T_1^4 T_2^9 - \\
 & 2 a_2 b_3 T_1^5 T_2^9 + 9 a_4 b_3 T_1^5 T_2^9 + 3 a_2 b_5 T_1^5 T_2^9 - 9 a_4 b_5 T_1^5 T_2^9 - 5 a_4 b_3 T_1^6 T_2^9 + a_2 b_5 T_1^6 T_2^9 - \\
 & 3 a_4 b_5 T_1^6 T_2^9 + a_2 b_3 T_1^7 T_2^9 - 4 a_4 b_3 T_1^7 T_2^9 - 3 a_2 b_5 T_1^7 T_2^9 + 10 a_4 b_5 T_1^7 T_2^9 + 6 c_{19} T_1^7 T_2^9 + 6 c_{34} T_1^7 T_2^9 + \\
 & 6 c_{49} T_1^7 T_2^9 + 6 c_{64} T_1^7 T_2^9 - a_2 b_3 T_1^8 T_2^9 + 7 a_4 b_3 T_1^8 T_2^9 + 2 a_2 b_5 T_1^8 T_2^9 + 5 a_4 b_5 T_1^8 T_2^9 - a_2 b_3 T_1^9 T_2^9 - \\
 & 5 a_4 b_3 T_1^9 T_2^9 + 5 a_4 b_5 T_1^9 T_2^9 - 6 c_{19} T_1^9 T_2^9 - 6 c_{34} T_1^9 T_2^9 - 6 c_{49} T_1^9 T_2^9 - 6 c_{64} T_1^9 T_2^9 + a_2 b_3 T_1^{10} T_2^9 - \\
 & 2 a_4 b_3 T_1^{10} T_2^9 - 3 a_2 b_5 T_1^{10} T_2^9 + 3 a_4 b_5 T_1^{10} T_2^9 + 8 a_4 b_3 T_1^{11} T_2^9 + 2 a_2 b_5 T_1^{11} T_2^9 - 4 a_4 b_5 T_1^{11} T_2^9 - \\
 & 2 a_2 b_3 T_1^{12} T_2^9 - 3 a_4 b_3 T_1^{12} T_2^9 + 3 a_2 b_5 T_1^{12} T_2^9 - 5 a_4 b_5 T_1^{12} T_2^9 + 4 a_2 b_3 T_1^{13} T_2^9 - 5 a_4 b_3 T_1^{13} T_2^9 - \\
 & 3 a_2 b_5 T_1^{13} T_2^9 + 5 a_4 b_5 T_1^{13} T_2^9 - 2 a_2 b_3 T_1^{14} T_2^9 + 4 a_4 b_3 T_1^{14} T_2^9 + a_4 b_5 T_1^2 T_2^{10} - 2 a_4 b_3 T_1^3 T_2^{10} - \\
 & 2 a_2 b_5 T_1^3 T_2^{10} + a_2 b_3 T_1^4 T_2^{10} + 6 a_4 b_3 T_1^4 T_2^{10} + a_2 b_5 T_1^4 T_2^{10} - 8 a_4 b_5 T_1^4 T_2^{10} - 3 a_4 b_3 T_1^5 T_2^{10} - \\
 & a_2 b_5 T_1^5 T_2^{10} + 4 a_4 b_5 T_1^5 T_2^{10} - 5 a_2 b_3 T_1^6 T_2^{10} + a_4 b_3 T_1^6 T_2^{10} + 4 a_2 b_5 T_1^6 T_2^{10} - 2 a_4 b_5 T_1^6 T_2^{10} + \\
 & 6 a_2 b_3 T_1^7 T_2^{10} - 3 a_4 b_3 T_1^7 T_2^{10} - a_2 b_5 T_1^7 T_2^{10} - 3 a_4 b_5 T_1^7 T_2^{10} - 2 c_{19} T_1^7 T_2^{10} - 2 c_{34} T_1^7 T_2^{10} - \\
 & 2 c_{49} T_1^7 T_2^{10} - 2 c_{64} T_1^7 T_2^{10} - 4 a_2 b_3 T_1^8 T_2^{10} + 2 a_2 b_5 T_1^8 T_2^{10} + 4 a_4 b_5 T_1^8 T_2^{10} - 4 c_{19} T_1^8 T_2^{10} - \\
 & 4 c_{34} T_1^8 T_2^{10} - 4 c_{49} T_1^8 T_2^{10} - 4 c_{64} T_1^8 T_2^{10} + 4 a_2 b_3 T_1^9 T_2^{10} - 3 a_4 b_3 T_1^9 T_2^{10} - 3 a_2 b_5 T_1^9 T_2^{10} + \\
 & 2 a_4 b_5 T_1^9 T_2^{10} + 6 c_{19} T_1^9 T_2^{10} + 6 c_{34} T_1^9 T_2^{10} + 6 c_{49} T_1^9 T_2^{10} + 6 c_{64} T_1^9 T_2^{10} - 4 a_2 b_3 T_1^{10} T_2^{10} + \\
 & 4 a_4 b_3 T_1^{10} T_2^{10} + 2 a_2 b_5 T_1^{10} T_2^{10} - 4 a_4 b_5 T_1^{10} T_2^{10} + 6 a_2 b_3 T_1^{11} T_2^{10} - 2 a_4 b_3 T_1^{11} T_2^{10} - 4 a_2 b_5 T_1^{11} T_2^{10} + \\
 & 6 a_4 b_5 T_1^{11} T_2^{10} - 5 a_2 b_3 T_1^{12} T_2^{10} + 2 a_4 b_3 T_1^{12} T_2^{10} - a_2 b_5 T_1^{12} T_2^{10} + a_4 b_5 T_1^{12} T_2^{10} + 5 a_4 b_3 T_1^{13} T_2^{10} + \\
 & 3 a_2 b_5 T_1^{13} T_2^{10} - 9 a_4 b_5 T_1^{13} T_2^{10} + a_2 b_3 T_1^{14} T_2^{10} - 5 a_4 b_3 T_1^{14} T_2^{10} - 2 a_4 b_5 T_1^3 T_2^{11} + a_4 b_3 T_1^4 T_2^{11} + \\
 & a_2 b_5 T_1^4 T_2^{11} + 3 a_4 b_5 T_1^4 T_2^{11} - a_4 b_3 T_1^5 T_2^{11} + a_2 b_5 T_1^5 T_2^{11} + a_4 b_5 T_1^5 T_2^{11} - 2 a_2 b_3 T_1^6 T_2^{11} - \\
 & 6 a_4 b_3 T_1^6 T_2^{11} - 2 a_2 b_5 T_1^6 T_2^{11} + 8 a_4 b_5 T_1^6 T_2^{11} + 6 a_2 b_3 T_1^7 T_2^{11} + 8 a_4 b_3 T_1^7 T_2^{11} - 2 a_2 b_5 T_1^7 T_2^{11} - \\
 & 3 a_4 b_5 T_1^7 T_2^{11} - 6 a_2 b_3 T_1^8 T_2^{11} - 2 a_4 b_3 T_1^8 T_2^{11} - a_4 b_5 T_1^8 T_2^{11} + 2 c_{19} T_1^8 T_2^{11} + 2 c_{34} T_1^8 T_2^{11} + \\
 & 2 c_{49} T_1^8 T_2^{11} + 2 c_{64} T_1^8 T_2^{11} + 2 a_2 b_3 T_1^9 T_2^{11} + 4 a_4 b_3 T_1^9 T_2^{11} + 2 a_2 b_5 T_1^9 T_2^{11} - 8 a_4 b_5 T_1^9 T_2^{11} - \\
 & 2 c_{19} T_1^9 T_2^{11} - 2 c_{34} T_1^9 T_2^{11} - 2 c_{49} T_1^9 T_2^{11} - 2 c_{64} T_1^9 T_2^{11} + 2 a_2 b_3 T_1^{10} T_2^{11} - 6 a_4 b_3 T_1^{10} T_2^{11} - \\
 & 4 a_2 b_5 T_1^{10} T_2^{11} + 2 a_4 b_5 T_1^{10} T_2^{11} - 6 a_2 b_3 T_1^{11} T_2^{11} + 10 a_4 b_3 T_1^{11} T_2^{11} + 8 a_2 b_5 T_1^{11} T_2^{11} - \\
 & 10 a_4 b_5 T_1^{11} T_2^{11} + 6 a_2 b_3 T_1^{12} T_2^{11} - 13 a_4 b_3 T_1^{12} T_2^{11} - 3 a_2 b_5 T_1^{12} T_2^{11} + 5 a_4 b_5 T_1^{12} T_2^{11} - \\
 & 2 a_2 b_3 T_1^{13} T_2^{11} + 3 a_4 b_3 T_1^{13} T_2^{11} - a_2 b_5 T_1^{13} T_2^{11} + 7 a_4 b_5 T_1^{13} T_2^{11} + 2 a_4 b_3 T_1^{14} T_2^{11} + a_4 b_5 T_1^4 T_2^{12} - \\
 & 2 a_4 b_3 T_1^6 T_2^{12} - 2 a_2 b_5 T_1^6 T_2^{12} - 4 a_4 b_5 T_1^6 T_2^{12} + 8 a_4 b_3 T_1^7 T_2^{12} + 4 a_2 b_5 T_1^7 T_2^{12} - 4 a_4 b_5 T_1^7 T_2^{12} +
 \end{aligned}$$

$$\begin{aligned} & a_2 b_3 T_1^8 T_2^{12} - 10 a_4 b_3 T_1^8 T_2^{12} - 3 a_2 b_5 T_1^8 T_2^{12} + 4 a_4 b_5 T_1^8 T_2^{12} - 4 a_2 b_3 T_1^9 T_2^{12} + 5 a_4 b_3 T_1^9 T_2^{12} + \\ & 3 a_2 b_5 T_1^9 T_2^{12} + 3 a_4 b_5 T_1^9 T_2^{12} + 6 a_2 b_3 T_1^{10} T_2^{12} - a_4 b_3 T_1^{10} T_2^{12} - a_2 b_5 T_1^{10} T_2^{12} - 2 a_4 b_5 T_1^{10} T_2^{12} - \\ & 4 a_2 b_3 T_1^{11} T_2^{12} - 5 a_4 b_3 T_1^{11} T_2^{12} - 3 a_2 b_5 T_1^{11} T_2^{12} + 13 a_4 b_5 T_1^{11} T_2^{12} + a_2 b_3 T_1^{12} T_2^{12} + 9 a_4 b_3 T_1^{12} T_2^{12} + \\ & 2 a_2 b_5 T_1^{12} T_2^{12} - 9 a_4 b_5 T_1^{12} T_2^{12} - 4 a_4 b_3 T_1^{13} T_2^{12} - 2 a_4 b_5 T_1^{13} T_2^{12} - 2 a_4 b_5 T_1^6 T_2^{13} + 6 a_4 b_5 T_1^7 T_2^{13} + \\ & a_4 b_3 T_1^8 T_2^{13} + a_2 b_5 T_1^8 T_2^{13} - 5 a_4 b_5 T_1^8 T_2^{13} - 5 a_4 b_3 T_1^9 T_2^{13} - 3 a_2 b_5 T_1^9 T_2^{13} + 5 a_4 b_5 T_1^9 T_2^{13} + \\ & 9 a_4 b_3 T_1^{10} T_2^{13} + 3 a_2 b_5 T_1^{10} T_2^{13} - 5 a_4 b_5 T_1^{10} T_2^{13} - 7 a_4 b_3 T_1^{11} T_2^{13} - a_2 b_5 T_1^{11} T_2^{13} - 3 a_4 b_5 T_1^{11} T_2^{13} + \\ & 2 a_4 b_3 T_1^{12} T_2^{13} + 4 a_4 b_5 T_1^{12} T_2^{13} + a_4 b_5 T_1^8 T_2^{14} - 4 a_4 b_5 T_1^9 T_2^{14} + 5 a_4 b_5 T_1^{10} T_2^{14} - 2 a_4 b_5 T_1^{11} T_2^{14} \Big) \Big] \end{aligned}$$

In[\*]:= **K = Knot["K11n42"]; KT =  $\int \mathcal{L}[K] \, d \text{vs}[K]$**

Out[\*]=

- i

$$\begin{aligned} & \mathbb{E} \left[ \epsilon \text{Series} \left[ 0, \frac{1}{(-1 + T_1) T_1^4 (-1 + T_2) T_2^3 (-1 + T_1 T_2)} \left( a_2 b_3 T_1 - a_2 b_5 T_1 - a_2 b_3 T_1^2 + a_4 b_3 T_1^2 - a_4 b_5 T_1^2 - \right. \right. \right. \\ & a_2 b_3 T_1^3 + a_2 b_5 T_1^3 - a_4 b_5 T_1^3 + a_2 b_3 T_1^4 - a_4 b_3 T_1^4 - 2 c_{19} T_1^4 - 2 c_{34} T_1^4 - 2 c_{49} T_1^4 - 2 c_{64} T_1^4 + 2 c_{19} T_1^5 + \\ & 2 c_{34} T_1^5 + 2 c_{49} T_1^5 + 2 c_{64} T_1^5 + a_2 b_3 T_2 - a_2 b_5 T_2 - 4 a_2 b_3 T_1 T_2 + 2 a_4 b_3 T_1 T_2 + 4 a_2 b_5 T_1 T_2 - \\ & 2 a_4 b_5 T_1 T_2 + 3 a_2 b_3 T_1^2 T_2 - 5 a_4 b_3 T_1^2 T_2 + 4 a_4 b_5 T_1^2 T_2 - a_4 b_3 T_1^3 T_2 - a_2 b_5 T_1^3 T_2 + 5 a_4 b_5 T_1^3 T_2 + \\ & 3 a_2 b_3 T_1^4 T_2 + 2 a_4 b_3 T_1^4 T_2 - 3 a_2 b_5 T_1^4 T_2 + 2 a_4 b_5 T_1^4 T_2 + 6 c_{19} T_1^4 T_2 + 6 c_{34} T_1^4 T_2 + 6 c_{49} T_1^4 T_2 + \\ & 6 c_{64} T_1^4 T_2 - 4 a_2 b_3 T_1^5 T_2 + 3 a_4 b_3 T_1^5 T_2 + a_2 b_5 T_1^5 T_2 - a_4 b_5 T_1^5 T_2 - 4 c_{19} T_1^5 T_2 - 4 c_{34} T_1^5 T_2 - \\ & 4 c_{49} T_1^5 T_2 - 4 c_{64} T_1^5 T_2 + a_2 b_3 T_1^6 T_2 - a_4 b_3 T_1^6 T_2 - 2 c_{19} T_1^6 T_2 - 2 c_{34} T_1^6 T_2 - 2 c_{49} T_1^6 T_2 - \\ & 2 c_{64} T_1^6 T_2 + a_2 b_3 T_2^2 + a_4 b_3 T_2^2 - a_4 b_5 T_2^2 - 4 a_2 b_3 T_1 T_2^2 - 4 a_4 b_3 T_1 T_2^2 + 5 a_4 b_5 T_1 T_2^2 + 7 a_2 b_3 T_1^2 T_2^2 + \\ & 3 a_4 b_3 T_1^2 T_2^2 - 4 a_2 b_5 T_1^2 T_2^2 - 3 a_4 b_5 T_1^2 T_2^2 - 4 a_2 b_3 T_1^3 T_2^2 + 4 a_4 b_3 T_1^3 T_2^2 - 8 a_4 b_5 T_1^3 T_2^2 - 4 a_2 b_3 T_1^4 T_2^2 + \\ & 3 a_4 b_3 T_1^4 T_2^2 + 7 a_2 b_5 T_1^4 T_2^2 - 9 a_4 b_5 T_1^4 T_2^2 - 6 c_{19} T_1^4 T_2^2 - 6 c_{34} T_1^4 T_2^2 - 6 c_{49} T_1^4 T_2^2 - 6 c_{64} T_1^4 T_2^2 + \\ & 7 a_2 b_3 T_1^5 T_2^2 - 11 a_4 b_3 T_1^5 T_2^2 - 4 a_2 b_5 T_1^5 T_2^2 + 5 a_4 b_5 T_1^5 T_2^2 - 4 a_2 b_3 T_1^6 T_2^2 + 5 a_4 b_3 T_1^6 T_2^2 + a_2 b_5 T_1^6 T_2^2 - \\ & a_4 b_5 T_1^6 T_2^2 + 6 c_{19} T_1^6 T_2^2 + 6 c_{34} T_1^6 T_2^2 + 6 c_{49} T_1^6 T_2^2 + 6 c_{64} T_1^6 T_2^2 + a_2 b_3 T_1^7 T_2^2 - a_4 b_3 T_1^7 T_2^2 + a_4 b_3 T_2^3 + \\ & a_2 b_5 T_2^3 - 2 a_2 b_3 T_1 T_2^3 - 5 a_4 b_3 T_1 T_2^3 - a_2 b_5 T_1 T_2^3 + a_4 b_5 T_1 T_2^3 - 2 c_{16} T_1 T_2^3 - 2 c_{31} T_1 T_2^3 - \\ & 2 c_{46} T_1 T_2^3 - 2 c_{61} T_1 T_2^3 + 6 a_2 b_3 T_1^2 T_2^3 + 8 a_4 b_3 T_1^2 T_2^3 - 4 a_4 b_5 T_1^2 T_2^3 + 6 c_{16} T_1^2 T_2^3 + 6 c_{31} T_1^2 T_2^3 + \\ & 6 c_{46} T_1^2 T_2^3 + 6 c_{61} T_1^2 T_2^3 - 6 a_2 b_3 T_1^3 T_2^3 - 4 a_4 b_3 T_1^3 T_2^3 + 2 a_2 b_5 T_1^3 T_2^3 + 4 a_4 b_5 T_1^3 T_2^3 - 6 c_{16} T_1^3 T_2^3 - \\ & 6 c_{31} T_1^3 T_2^3 - 6 c_{46} T_1^3 T_2^3 - 6 c_{61} T_1^3 T_2^3 + 4 a_2 b_3 T_1^4 T_2^3 - 6 a_4 b_3 T_1^4 T_2^3 - 6 a_2 b_5 T_1^4 T_2^3 + 13 a_4 b_5 T_1^4 T_2^3 + \\ & 2 c_{16} T_1^4 T_2^3 + 2 c_{19} T_1^4 T_2^3 + 2 c_{31} T_1^4 T_2^3 + 2 c_{34} T_1^4 T_2^3 + 2 c_{46} T_1^4 T_2^3 + 2 c_{49} T_1^4 T_2^3 + 2 c_{61} T_1^4 T_2^3 + \\ & 2 c_{64} T_1^4 T_2^3 - 6 a_2 b_3 T_1^5 T_2^3 + 13 a_4 b_3 T_1^5 T_2^3 + 7 a_2 b_5 T_1^5 T_2^3 - 11 a_4 b_5 T_1^5 T_2^3 - 2 c_{16} T_1^5 T_2^3 + 4 c_{19} T_1^5 T_2^3 - \\ & 2 c_{31} T_1^5 T_2^3 + 4 c_{34} T_1^5 T_2^3 - 2 c_{46} T_1^5 T_2^3 + 4 c_{49} T_1^5 T_2^3 - 2 c_{61} T_1^5 T_2^3 + 4 c_{64} T_1^5 T_2^3 + 6 a_2 b_3 T_1^6 T_2^3 - \\ & 11 a_4 b_3 T_1^6 T_2^3 - 3 a_2 b_5 T_1^6 T_2^3 + 5 a_4 b_5 T_1^6 T_2^3 + 6 c_{16} T_1^6 T_2^3 - 6 c_{19} T_1^6 T_2^3 + 6 c_{31} T_1^6 T_2^3 - 6 c_{34} T_1^6 T_2^3 + \\ & 6 c_{46} T_1^6 T_2^3 - 6 c_{49} T_1^6 T_2^3 + 6 c_{61} T_1^6 T_2^3 - 6 c_{64} T_1^6 T_2^3 - 2 a_2 b_3 T_1^7 T_2^3 + 4 a_4 b_3 T_1^7 T_2^3 - 6 c_{16} T_1^7 T_2^3 - \\ & 6 c_{31} T_1^7 T_2^3 - 6 c_{46} T_1^7 T_2^3 - 6 c_{61} T_1^7 T_2^3 + 2 c_{16} T_1^8 T_2^3 + 2 c_{31} T_1^8 T_2^3 + 2 c_{46} T_1^8 T_2^3 + 2 c_{61} T_1^8 T_2^3 + a_4 b_5 T_2^4 + \\ & a_2 b_3 T_1 T_2^4 - 2 a_4 b_3 T_1 T_2^4 - 3 a_2 b_5 T_1 T_2^4 - 2 a_4 b_5 T_1 T_2^4 + 2 c_{16} T_1 T_2^4 + 2 c_{31} T_1 T_2^4 + 2 c_{46} T_1 T_2^4 + \\ & 2 c_{61} T_1 T_2^4 - 4 a_2 b_3 T_1^2 T_2^4 + 9 a_4 b_3 T_1^2 T_2^4 + 7 a_2 b_5 T_1^2 T_2^4 - 3 a_4 b_5 T_1^2 T_2^4 - 4 c_{16} T_1^2 T_2^4 - 4 c_{31} T_1^2 T_2^4 - \\ & 4 c_{46} T_1^2 T_2^4 - 4 c_{61} T_1^2 T_2^4 + 7 a_2 b_3 T_1^3 T_2^4 - 13 a_4 b_3 T_1^3 T_2^4 - 6 a_2 b_5 T_1^3 T_2^4 + 6 a_4 b_5 T_1^3 T_2^4 - 4 a_2 b_3 T_1^4 T_2^4 + \\ & 10 a_4 b_3 T_1^4 T_2^4 + 2 a_2 b_5 T_1^4 T_2^4 - 10 a_4 b_5 T_1^4 T_2^4 + 4 c_{16} T_1^4 T_2^4 - 2 c_{19} T_1^4 T_2^4 + 4 c_{31} T_1^4 T_2^4 - 2 c_{34} T_1^4 T_2^4 + \\ & 4 c_{46} T_1^4 T_2^4 - 2 c_{49} T_1^4 T_2^4 + 4 c_{61} T_1^4 T_2^4 - 2 c_{64} T_1^4 T_2^4 - 4 a_2 b_3 T_1^5 T_2^4 - 8 a_4 b_3 T_1^5 T_2^4 + 11 a_4 b_5 T_1^5 T_2^4 + \\ & 7 a_2 b_3 T_1^6 T_2^4 + 6 a_4 b_3 T_1^6 T_2^4 - a_2 b_5 T_1^6 T_2^4 - 6 a_4 b_5 T_1^6 T_2^4 - 4 c_{16} T_1^6 T_2^4 + 2 c_{19} T_1^6 T_2^4 - 4 c_{31} T_1^6 T_2^4 + \\ & 2 c_{34} T_1^6 T_2^4 - 4 c_{46} T_1^6 T_2^4 + 2 c_{49} T_1^6 T_2^4 - 4 c_{61} T_1^6 T_2^4 + 2 c_{64} T_1^6 T_2^4 - 4 a_2 b_3 T_1^7 T_2^4 - a_4 b_3 T_1^7 T_2^4 + \\ & a_2 b_5 T_1^7 T_2^4 - a_4 b_5 T_1^7 T_2^4 + a_2 b_3 T_1^8 T_2^4 - a_4 b_3 T_1^8 T_2^4 + 4 c_{16} T_1^8 T_2^4 + 4 c_{31} T_1^8 T_2^4 + 4 c_{46} T_1^8 T_2^4 + \\ & 4 c_{61} T_1^8 T_2^4 - 2 c_{16} T_1^9 T_2^4 - 2 c_{31} T_1^9 T_2^4 - 2 c_{46} T_1^9 T_2^4 - 2 c_{61} T_1^9 T_2^4 + a_4 b_3 T_1 T_2^5 + a_2 b_5 T_1 T_2^5 - \\ & 3 a_4 b_5 T_1 T_2^5 + a_2 b_3 T_1^2 T_2^5 - 5 a_4 b_3 T_1^2 T_2^5 - 4 a_2 b_5 T_1^2 T_2^5 + 11 a_4 b_5 T_1^2 T_2^5 - 2 c_{16} T_1^2 T_2^5 - 2 c_{31} T_1^2 T_2^5 - \\ & 2 c_{46} T_1^2 T_2^5 - 2 c_{61} T_1^2 T_2^5 - 4 a_2 b_3 T_1^3 T_2^5 + 11 a_4 b_3 T_1^3 T_2^5 + 7 a_2 b_5 T_1^3 T_2^5 - 13 a_4 b_5 T_1^3 T_2^5 + 6 c_{16} T_1^3 T_2^5 + \end{aligned}$$

$$\begin{aligned}
& 6 c_{31} T_1^3 T_2^5 + 6 c_{46} T_1^3 T_2^5 + 6 c_{61} T_1^3 T_2^5 + 3 a_2 b_3 T_1^4 T_2^5 - 11 a_4 b_3 T_1^4 T_2^5 + 8 a_4 b_5 T_1^4 T_2^5 - 6 c_{16} T_1^4 T_2^5 + \\
& 6 c_{19} T_1^4 T_2^5 - 6 c_{31} T_1^4 T_2^5 + 6 c_{34} T_1^4 T_2^5 - 6 c_{46} T_1^4 T_2^5 + 6 c_{49} T_1^4 T_2^5 - 6 c_{61} T_1^4 T_2^5 + 6 c_{64} T_1^4 T_2^5 - \\
& 4 a_4 b_3 T_1^5 T_2^5 - 4 a_2 b_5 T_1^5 T_2^5 + 4 a_4 b_5 T_1^5 T_2^5 + 2 c_{16} T_1^5 T_2^5 - 4 c_{19} T_1^5 T_2^5 + 2 c_{31} T_1^5 T_2^5 - 4 c_{34} T_1^5 T_2^5 + \\
& 2 c_{46} T_1^5 T_2^5 - 4 c_{49} T_1^5 T_2^5 + 2 c_{61} T_1^5 T_2^5 - 4 c_{64} T_1^5 T_2^5 + 3 a_2 b_3 T_1^6 T_2^5 + 11 a_4 b_3 T_1^6 T_2^5 - a_4 b_5 T_1^6 T_2^5 - \\
& 2 c_{16} T_1^6 T_2^5 - 2 c_{19} T_1^6 T_2^5 - 2 c_{31} T_1^6 T_2^5 - 2 c_{34} T_1^6 T_2^5 - 2 c_{46} T_1^6 T_2^5 - 2 c_{49} T_1^6 T_2^5 - 2 c_{61} T_1^6 T_2^5 - \\
& 2 c_{64} T_1^6 T_2^5 - 4 a_2 b_3 T_1^7 T_2^5 - 4 a_4 b_3 T_1^7 T_2^5 + 2 a_4 b_5 T_1^7 T_2^5 + 6 c_{16} T_1^7 T_2^5 + 6 c_{31} T_1^7 T_2^5 + 6 c_{46} T_1^7 T_2^5 + \\
& 6 c_{61} T_1^7 T_2^5 + a_2 b_3 T_1^8 T_2^5 + a_4 b_3 T_1^8 T_2^5 - 6 c_{16} T_1^8 T_2^5 - 6 c_{31} T_1^8 T_2^5 - 6 c_{46} T_1^8 T_2^5 - 6 c_{61} T_1^8 T_2^5 + \\
& 2 c_{16} T_1^9 T_2^5 + 2 c_{31} T_1^9 T_2^5 + 2 c_{46} T_1^9 T_2^5 + 2 c_{61} T_1^9 T_2^5 + a_4 b_5 T_1 T_2^6 + a_4 b_3 T_1^2 T_2^6 + a_2 b_5 T_1^2 T_2^6 - \\
& 5 a_4 b_5 T_1^2 T_2^6 - 5 a_4 b_3 T_1^3 T_2^6 - 3 a_2 b_5 T_1^3 T_2^6 + 11 a_4 b_5 T_1^3 T_2^6 + a_2 b_3 T_1^4 T_2^6 + 6 a_4 b_3 T_1^4 T_2^6 - a_2 b_5 T_1^4 T_2^6 - \\
& 6 a_4 b_5 T_1^4 T_2^6 - 6 c_{19} T_1^4 T_2^6 - 6 c_{34} T_1^4 T_2^6 - 6 c_{49} T_1^4 T_2^6 - 6 c_{64} T_1^4 T_2^6 - a_2 b_3 T_1^5 T_2^6 + a_4 b_3 T_1^5 T_2^6 - \\
& 11 a_4 b_5 T_1^5 T_2^6 - a_2 b_3 T_1^6 T_2^6 + 3 a_4 b_3 T_1^6 T_2^6 + 4 a_2 b_5 T_1^6 T_2^6 - 3 a_4 b_5 T_1^6 T_2^6 + 6 c_{19} T_1^6 T_2^6 + 6 c_{34} T_1^6 T_2^6 + \\
& 6 c_{49} T_1^6 T_2^6 + 6 c_{64} T_1^6 T_2^6 + a_2 b_3 T_1^7 T_2^6 - 8 a_4 b_3 T_1^7 T_2^6 - a_2 b_5 T_1^7 T_2^6 + a_4 b_5 T_1^7 T_2^6 + 2 a_4 b_3 T_1^8 T_2^6 + \\
& a_4 b_5 T_1^2 T_2^7 - 4 a_4 b_5 T_1^3 T_2^7 + a_4 b_3 T_1^4 T_2^7 + a_2 b_5 T_1^4 T_2^7 + a_4 b_5 T_1^4 T_2^7 + 2 c_{19} T_1^4 T_2^7 + 2 c_{34} T_1^4 T_2^7 + \\
& 2 c_{49} T_1^4 T_2^7 + 2 c_{64} T_1^4 T_2^7 - 2 a_4 b_3 T_1^5 T_2^7 + 4 a_4 b_5 T_1^5 T_2^7 + 4 c_{19} T_1^5 T_2^7 + 4 c_{34} T_1^5 T_2^7 + 4 c_{49} T_1^5 T_2^7 + \\
& 4 c_{64} T_1^5 T_2^7 - a_4 b_3 T_1^6 T_2^7 - a_2 b_5 T_1^6 T_2^7 + 8 a_4 b_5 T_1^6 T_2^7 - 6 c_{19} T_1^6 T_2^7 - 6 c_{34} T_1^6 T_2^7 - 6 c_{49} T_1^6 T_2^7 - \\
& 6 c_{64} T_1^6 T_2^7 + 2 a_4 b_3 T_1^7 T_2^7 - 2 a_4 b_5 T_1^7 T_2^7 + a_4 b_5 T_1^4 T_2^8 - a_4 b_5 T_1^5 T_2^8 - 2 c_{19} T_1^5 T_2^8 - 2 c_{34} T_1^5 T_2^8 - \\
& 2 c_{49} T_1^5 T_2^8 - 2 c_{64} T_1^5 T_2^8 - 2 a_4 b_5 T_1^6 T_2^8 + 2 c_{19} T_1^6 T_2^8 + 2 c_{34} T_1^6 T_2^8 + 2 c_{49} T_1^6 T_2^8 + 2 c_{64} T_1^6 T_2^8 \Big]
\end{aligned}$$

$$\text{In[*]} := \text{CKT} = \text{Factor} \left[ (-1 + T_1) (-1 + T_2) (-1 + T_1 T_2) \right. \\
\left. \frac{(\text{Cases}[\{\text{Conway}, \text{KT}\}, \text{eSeries}[0, \varepsilon_] \rightarrow \varepsilon, \infty] /. \text{C}_{16|19|31|34|46|49|61|64|81|82|84|85} \rightarrow \theta)}{(-b_3 + b_5 + b_3 T_1 - b_5 T_2) (-a_2 + a_2 T_1 - a_4 T_1 - a_4 T_2 + 2 a_4 T_1 T_2)} \right]$$

Out[\*]=

$$\left\{ -\frac{1}{T_1^7 T_2^6} \right. \\
\left( T_1^2 - 2 T_1^3 + T_1^4 - 2 T_1 T_2 + 2 T_1^2 T_2 + 2 T_1^5 T_2 - 2 T_1^6 T_2 + T_2^2 + 2 T_1 T_2^2 - 2 T_1^2 T_2^2 - 2 T_1^4 T_2^2 - 2 T_1^6 T_2^2 + 2 T_1^7 T_2^2 + \right. \\
T_1^8 T_2^2 - 2 T_1^3 T_2^3 + T_1^4 T_2^3 + T_1^5 T_2^3 - 2 T_1^9 T_2^3 + T_2^4 - 2 T_1^2 T_2^4 + T_1^3 T_2^4 + 2 T_1^4 T_2^4 + 2 T_1^6 T_2^4 + T_1^7 T_2^4 - 2 T_1^8 T_2^4 + T_1^{10} T_2^4 + \\
2 T_1 T_2^5 + T_1^3 T_2^5 - 4 T_1^5 T_2^5 - 4 T_1^6 T_2^5 + T_1^8 T_2^5 + 2 T_1^{10} T_2^5 - 2 T_1 T_2^6 - 2 T_1^2 T_2^6 + 2 T_1^4 T_2^6 - 4 T_1^5 T_2^6 + 12 T_1^6 T_2^6 - \\
4 T_1^7 T_2^6 + 2 T_1^8 T_2^6 - 2 T_1^{10} T_2^6 - 2 T_1^{11} T_2^6 + 2 T_1^2 T_2^7 + T_1^4 T_2^7 - 4 T_1^6 T_2^7 - 4 T_1^7 T_2^7 + T_1^9 T_2^7 + \\
2 T_1^{11} T_2^7 + T_1^2 T_2^8 - 2 T_1^4 T_2^8 + T_1^5 T_2^8 + 2 T_1^6 T_2^8 + 2 T_1^8 T_2^8 + T_1^9 T_2^8 - 2 T_1^{10} T_2^8 + T_1^{12} T_2^8 - 2 T_1^3 T_2^9 + \\
T_1^7 T_2^9 + T_1^8 T_2^9 - 2 T_1^{12} T_2^9 + T_1^4 T_2^{10} + 2 T_1^5 T_2^{10} - 2 T_1^6 T_2^{10} - 2 T_1^8 T_2^{10} - 2 T_1^{10} T_2^{10} + 2 T_1^{11} T_2^{10} + \\
T_1^{12} T_2^{10} - 2 T_1^6 T_2^{11} + 2 T_1^7 T_2^{11} + 2 T_1^{10} T_2^{11} - 2 T_1^{11} T_2^{11} + T_1^8 T_2^{12} - 2 T_1^9 T_2^{12} + T_1^{10} T_2^{12} \Big), \\
\left. \frac{1}{T_1^4 T_2^3} (T_1 + T_1^2 + T_2 - 2 T_1 T_2 - 2 T_1^2 T_2 - 2 T_1^3 T_2 + T_1^4 T_2 + T_2^2 - 2 T_1 T_2^2 + 2 T_1^2 T_2^2 + 2 T_1^3 T_2^2 - \right. \\
2 T_1^4 T_2^2 + T_1^5 T_2^2 - 2 T_1 T_2^3 + 2 T_1^2 T_2^3 + 2 T_1^4 T_2^3 - 2 T_1^5 T_2^3 + T_1 T_2^4 - 2 T_1^2 T_2^4 + 2 T_1^3 T_2^4 + \\
\left. 2 T_1^4 T_2^4 - 2 T_1^5 T_2^4 + T_1^6 T_2^4 + T_1^5 T_2^5 - 2 T_1^3 T_2^5 - 2 T_1^4 T_2^5 - 2 T_1^5 T_2^5 + T_1^6 T_2^5 + T_1^4 T_2^6 + T_1^5 T_2^6) \right\}$$

$$\text{In[*]} := \text{Factor}[\text{CKT} /. T_1 \rightarrow 1]$$

Out[\*]=

$$\left\{ \frac{2 (-1 + T_2)^2 (1 + T_2^4)}{T_2^3}, \frac{2 (-1 + T_2)^2 (1 + T_2^4)}{T_2^3} \right\}$$

In[\*]:= **Factor**[CKT /. T<sub>2</sub> → 1]

Out[\*]=

$$\left\{ \frac{2(-1+T_1)^2(1+T_1^4)}{T_1^4}, \frac{2(-1+T_1)^2(1+T_1^4)}{T_1^4} \right\}$$

In[\*]:= **Factor**  $\left[ \frac{(\text{CKT} /. \{T_1 \rightarrow T_2, T_2 \rightarrow T_1\})}{\text{CKT}} \right]$

Out[\*]=

$$\left\{ \frac{T_1}{T_2}, \frac{T_1}{T_2} \right\}$$

In[\*]:= **ntab1** = **Factor**  $\left[ (-1+T_1)(-1+T_2)(-1+T_1T_2) \right.$   
 $\left. \frac{(\text{Cases}[\text{tab1}, \text{eSeries}[\theta, \varepsilon] \Rightarrow \varepsilon, \infty] /. \mathbf{c}_{16|19|31|34|46|49|61|64|81|82|84|85} \rightarrow \theta)}{(-b_3+b_5+b_3T_1-b_5T_2)(-a_2+a_2T_1-a_4T_1-a_4T_2+2a_4T_1T_2)} \right]$

Out[\*]=

$$\left\{ -\frac{T_2(-1+T_1-T_1^2+T_2-T_1^2T_2+2T_1^3T_2-T_2^2-T_1T_2^2+T_1^2T_2^2-2T_1^3T_2^2+2T_1T_2^3-2T_1^2T_2^3+2T_1^3T_2^3)}{(1-T_1+T_1^2)(1-T_2+T_2^2)(1-T_1T_2+T_1^2T_2^2)}, \right.$$

$$-\frac{(-1+T_1T_2)(1+T_1T_2)}{T_1(1-3T_1T_2+T_1^2T_2^2)},$$

$$-\left( (T_2(-1+T_1-T_1^2+T_1^3-T_1^4+T_2-T_1^4T_2+2T_1^5T_2-T_2^2-2T_1^2T_2^2+2T_1^3T_2^2-T_1^4T_2^2+T_1^5T_2^2-3T_1^6T_2^2+T_2^3+2T_1^2T_2^3-2T_1^4T_2^3+2T_1^5T_2^3-T_1^6T_2^3+4T_1^7T_2^3-T_2^4-T_1T_2^4-T_1^2T_2^4-2T_1^3T_2^4+2T_1^4T_2^4-2T_1^5T_2^4+T_1^6T_2^4-4T_1^7T_2^4+2T_1T_2^5+T_1^2T_2^5+2T_1^3T_2^5-2T_1^4T_2^5+2T_1^5T_2^5-T_1^6T_2^5+4T_1^7T_2^5-3T_1^2T_2^6-T_1^3T_2^6+T_1^4T_2^6-T_1^5T_2^6-4T_1^7T_2^6+4T_1^3T_2^7-4T_1^4T_2^7+4T_1^5T_2^7-4T_1^6T_2^7+4T_1^7T_2^7) \right) /$$

$$\left( (1-T_1+T_1^2-T_1^3+T_1^4)(1-T_2+T_2^2-T_2^3+T_2^4)(1-T_1T_2+T_1^2T_2^2-T_1^3T_2^2+T_1^4T_2^2) \right),$$

$$-\left( (-7+17T_1-7T_1^2+17T_2-44T_1T_2+26T_1^2T_2-3T_1^3T_2-7T_2^2+26T_1T_2^2-24T_1^2T_2^2-14T_1^3T_2^2+9T_1^4T_2^2-3T_1T_2^3-14T_1^2T_2^3+56T_1^3T_2^3-23T_1^4T_2^3+9T_1^5T_2^3-23T_1^3T_2^4+9T_1^4T_2^4) \right) /$$

$$\left( (-2+T_1)T_1(-1+2T_1)(-2+T_2)(-1+2T_2)(-2+T_1T_2)(-1+2T_1T_2) \right),$$

$$-\left( (T_2(-1+T_1-T_1^2+T_1^3-T_1^4+T_1^5-T_1^6+T_2-T_1^6T_2+2T_1^7T_2-T_2^2-2T_1^2T_2^2+2T_1^3T_2^2-2T_1^4T_2^2+2T_1^5T_2^2-T_1^6T_2^2+T_1^7T_2^2-3T_1^8T_2^2+T_2^3+2T_1^2T_2^3-2T_1^6T_2^3+2T_1^7T_2^3-T_1^8T_2^3+4T_1^9T_2^3-T_2^4-2T_1^2T_2^4-3T_1^4T_2^4+3T_1^5T_2^4-T_1^6T_2^4+2T_1^7T_2^4-3T_1^8T_2^4+T_1^9T_2^4-5T_1^{10}T_2^4+T_2^5+2T_1^2T_2^5+3T_1^4T_2^5-3T_1^6T_2^5+2T_1^7T_2^5-2T_1^8T_2^5+4T_1^9T_2^5-T_1^{10}T_2^5-6T_1^{11}T_2^5-T_2^6-T_1T_2^6-T_1^2T_2^6-2T_1^3T_2^6-T_1^4T_2^6-3T_1^5T_2^6+3T_1^6T_2^6-2T_1^7T_2^6+2T_1^8T_2^6-4T_1^9T_2^6+T_1^{10}T_2^6-6T_1^{11}T_2^6+2T_1T_2^7+T_1^2T_2^7+2T_1^3T_2^7+2T_1^4T_2^7+2T_1^5T_2^7-2T_1^6T_2^7+2T_1^7T_2^7-2T_1^8T_2^7+4T_1^9T_2^7-T_1^{10}T_2^7+6T_1^{11}T_2^7-3T_1^2T_2^8-T_1^3T_2^8-3T_1^4T_2^8-2T_1^5T_2^8+2T_1^6T_2^8-2T_1^7T_2^8+2T_1^8T_2^8-4T_1^9T_2^8+T_1^{10}T_2^8-6T_1^{11}T_2^8+4T_1^3T_2^9+4T_1^4T_2^9+4T_1^5T_2^9-4T_1^6T_2^9+4T_1^7T_2^9-4T_1^8T_2^9+4T_1^9T_2^9-T_1^{10}T_2^9+6T_1^{11}T_2^9-5T_1^4T_2^{10}-T_1^5T_2^{10}+T_1^6T_2^{10}-T_1^7T_2^{10}+T_1^8T_2^{10}-T_1^9T_2^{10}+T_1^{10}T_2^{10}-6T_1^{11}T_2^{10}+6T_1^5T_2^{11}-6T_1^6T_2^{11}+6T_1^7T_2^{11}-6T_1^8T_2^{11}+6T_1^9T_2^{11}-6T_1^{10}T_2^{11}+6T_1^{11}T_2^{11}) \right) /$$

$$\left( (1-T_1+T_1^2-T_1^3+T_1^4-T_1^5+T_1^6)(1-T_2+T_2^2-T_2^3+T_2^4-T_2^5+T_2^6)(1-T_1T_2+T_1^2T_2^2-T_1^3T_2^2+T_1^4T_2^2-T_1^5T_2^2+T_1^6T_2^2) \right),$$

$$-\left( (-18+40T_1-18T_1^2+40T_2-111T_1T_2+99T_1^2T_2-23T_1^3T_2-18T_2^2+99T_1T_2^2-132T_1^2T_2^2-27T_1^3T_2^2+36T_1^4T_2^2-23T_1T_2^3-27T_1^2T_2^3+183T_1^3T_2^3-86T_1^4T_2^3+36T_1^2T_2^4-86T_1^3T_2^4+36T_1^4T_2^4) \right) /$$

$$\left( T_1(3-7T_1+3T_1^2)(3-7T_2+3T_2^2)(3-7T_1T_2+3T_1^2T_2^2) \right),$$

$$-\left( (T_2(-1+T_1-T_1^2+T_1^3-T_1^4+T_1^5-T_1^6+T_1^7-T_1^8+T_2-T_1^8T_2+2T_1^9T_2-T_2^2-2T_1^2T_2^2+2T_1^3T_2^2-2T_1^4T_2^2+2T_1^5T_2^2-2T_1^6T_2^2+2T_1^7T_2^2-T_1^8T_2^2+T_1^9T_2^2-3T_1^{10}T_2^2+T_2^3+2T_1^2T_2^3-2T_1^8T_2^3+2T_1^9T_2^3-T_1^{10}T_2^3+2T_1^5T_2^3-2T_1^6T_2^3+2T_1^7T_2^3-T_1^8T_2^3+T_1^9T_2^3-3T_1^{10}T_2^3+T_2^4+2T_1^2T_2^4-2T_1^8T_2^4+2T_1^9T_2^4-T_1^{10}T_2^4+2T_1^5T_2^4-2T_1^6T_2^4+2T_1^7T_2^4-T_1^8T_2^4+T_1^9T_2^4-3T_1^{10}T_2^4+T_2^5+2T_1^2T_2^5-2T_1^8T_2^5+2T_1^9T_2^5-T_1^{10}T_2^5+2T_1^5T_2^5-2T_1^6T_2^5+2T_1^7T_2^5-T_1^8T_2^5+T_1^9T_2^5-3T_1^{10}T_2^5+T_2^6+2T_1^2T_2^6-2T_1^8T_2^6+2T_1^9T_2^6-T_1^{10}T_2^6+2T_1^5T_2^6-2T_1^6T_2^6+2T_1^7T_2^6-T_1^8T_2^6+T_1^9T_2^6-3T_1^{10}T_2^6+T_2^7+2T_1^2T_2^7-2T_1^8T_2^7+2T_1^9T_2^7-T_1^{10}T_2^7+2T_1^5T_2^7-2T_1^6T_2^7+2T_1^7T_2^7-T_1^8T_2^7+T_1^9T_2^7-3T_1^{10}T_2^7+T_2^8+2T_1^2T_2^8-2T_1^8T_2^8+2T_1^9T_2^8-T_1^{10}T_2^8+2T_1^5T_2^8-2T_1^6T_2^8+2T_1^7T_2^8-T_1^8T_2^8+T_1^9T_2^8-3T_1^{10}T_2^8+T_2^9+2T_1^2T_2^9-2T_1^8T_2^9+2T_1^9T_2^9-T_1^{10}T_2^9+2T_1^5T_2^9-2T_1^6T_2^9+2T_1^7T_2^9-T_1^8T_2^9+T_1^9T_2^9-3T_1^{10}T_2^9+T_2^{10}+2T_1^2T_2^{10}-2T_1^8T_2^{10}+2T_1^9T_2^{10}-T_1^{10}T_2^{10}+2T_1^5T_2^{10}-2T_1^6T_2^{10}+2T_1^7T_2^{10}-T_1^8T_2^{10}+T_1^9T_2^{10}-3T_1^{10}T_2^{10}+T_2^{11}+2T_1^2T_2^{11}-2T_1^8T_2^{11}+2T_1^9T_2^{11}-T_1^{10}T_2^{11}+2T_1^5T_2^{11}-2T_1^6T_2^{11}+2T_1^7T_2^{11}-T_1^8T_2^{11}+T_1^9T_2^{11}-3T_1^{10}T_2^{11}+T_2^{12}+2T_1^2T_2^{12}-2T_1^8T_2^{12}+2T_1^9T_2^{12}-T_1^{10}T_2^{12}+2T_1^5T_2^{12}-2T_1^6T_2^{12}+2T_1^7T_2^{12}-T_1^8T_2^{12}+T_1^9T_2^{12}-3T_1^{10}T_2^{12}+T_2^{13}+2T_1^2T_2^{13}-2T_1^8T_2^{13}+2T_1^9T_2^{13}-T_1^{10}T_2^{13}+2T_1^5T_2^{13}-2T_1^6T_2^{13}+2T_1^7T_2^{13}-T_1^8T_2^{13}+T_1^9T_2^{13}-3T_1^{10}T_2^{13}+T_2^{14}+2T_1^2T_2^{14}-2T_1^8T_2^{14}+2T_1^9T_2^{14}-T_1^{10}T_2^{14}+2T_1^5T_2^{14}-2T_1^6T_2^{14}+2T_1^7T_2^{14}-T_1^8T_2^{14}+T_1^9T_2^{14}-3T_1^{10}T_2^{14}+T_2^{15}+2T_1^2T_2^{15}-2T_1^8T_2^{15}+2T_1^9T_2^{15}-T_1^{10}T_2^{15}+2T_1^5T_2^{15}-2T_1^6T_2^{15}+2T_1^7T_2^{15}-T_1^8T_2^{15}+T_1^9T_2^{15}-3T_1^{10}T_2^{15}+T_2^{16}+2T_1^2T_2^{16}-2T_1^8T_2^{16}+2T_1^9T_2^{16}-T_1^{10}T_2^{16}+2T_1^5T_2^{16}-2T_1^6T_2^{16}+2T_1^7T_2^{16}-T_1^8T_2^{16}+T_1^9T_2^{16}-3T_1^{10}T_2^{16}+T_2^{17}+2T_1^2T_2^{17}-2T_1^8T_2^{17}+2T_1^9T_2^{17}-T_1^{10}T_2^{17}+2T_1^5T_2^{17}-2T_1^6T_2^{17}+2T_1^7T_2^{17}-T_1^8T_2^{17}+T_1^9T_2^{17}-3T_1^{10}T_2^{17}+T_2^{18}+2T_1^2T_2^{18}-2T_1^8T_2^{18}+2T_1^9T_2^{18}-T_1^{10}T_2^{18}+2T_1^5T_2^{18}-2T_1^6T_2^{18}+2T_1^7T_2^{18}-T_1^8T_2^{18}+T_1^9T_2^{18}-3T_1^{10}T_2^{18}+T_2^{19}+2T_1^2T_2^{19}-2T_1^8T_2^{19}+2T_1^9T_2^{19}-T_1^{10}T_2^{19}+2T_1^5T_2^{19}-2T_1^6T_2^{19}+2T_1^7T_2^{19}-T_1^8T_2^{19}+T_1^9T_2^{19}-3T_1^{10}T_2^{19}+T_2^{20}+2T_1^2T_2^{20}-2T_1^8T_2^{20}+2T_1^9T_2^{20}-T_1^{10}T_2^{20}+2T_1^5T_2^{20}-2T_1^6T_2^{20}+2T_1^7T_2^{20}-T_1^8T_2^{20}+T_1^9T_2^{20}-3T_1^{10}T_2^{20}+T_2^{21}+2T_1^2T_2^{21}-2T_1^8T_2^{21}+2T_1^9T_2^{21}-T_1^{10}T_2^{21}+2T_1^5T_2^{21}-2T_1^6T_2^{21}+2T_1^7T_2^{21}-T_1^8T_2^{21}+T_1^9T_2^{21}-3T_1^{10}T_2^{21}+T_2^{22}+2T_1^2T_2^{22}-2T_1^8T_2^{22}+2T_1^9T_2^{22}-T_1^{10}T_2^{22}+2T_1^5T_2^{22}-2T_1^6T_2^{22}+2T_1^7T_2^{22}-T_1^8T_2^{22}+T_1^9T_2^{22}-3T_1^{10}T_2^{22}+T_2^{23}+2T_1^2T_2^{23}-2T_1^8T_2^{23}+2T_1^9T_2^{23}-T_1^{10}T_2^{23}+2T_1^5T_2^{23}-2T_1^6T_2^{23}+2T_1^7T_2^{23}-T_1^8T_2^{23}+T_1^9T_2^{23}-3T_1^{10}T_2^{23}+T_2^{24}+2T_1^2T_2^{24}-2T_1^8T_2^{24}+2T_1^9T_2^{24}-T_1^{10}T_2^{24}+2T_1^5T_2^{24}-2T_1^6T_2^{24}+2T_1^7T_2^{24}-T_1^8T_2^{24}+T_1^9T_2^{24}-3T_1^{10}T_2^{24}+T_2^{25}+2T_1^2T_2^{25}-2T_1^8T_2^{25}+2T_1^9T_2^{25}-T_1^{10}T_2^{25}+2T_1^5T_2^{25}-2T_1^6T_2^{25}+2T_1^7T_2^{25}-T_1^8T_2^{25}+T_1^9T_2^{25}-3T_1^{10}T_2^{25}+T_2^{26}+2T_1^2T_2^{26}-2T_1^8T_2^{26}+2T_1^9T_2^{26}-T_1^{10}T_2^{26}+2T_1^5T_2^{26}-2T_1^6T_2^{26}+2T_1^7T_2^{26}-T_1^8T_2^{26}+T_1^9T_2^{26}-3T_1^{10}T_2^{26}+T_2^{27}+2T_1^2T_2^{27}-2T_1^8T_2^{27}+2T_1^9T_2^{27}-T_1^{10}T_2^{27}+2T_1^5T_2^{27}-2T_1^6T_2^{27}+2T_1^7T_2^{27}-T_1^8T_2^{27}+T_1^9T_2^{27}-3T_1^{10}T_2^{27}+T_2^{28}+2T_1^2T_2^{28}-2T_1^8T_2^{28}+2T_1^9T_2^{28}-T_1^{10}T_2^{28}+2T_1^5T_2^{28}-2T_1^6T_2^{28}+2T_1^7T_2^{28}-T_1^8T_2^{28}+T_1^9T_2^{28}-3T_1^{10}T_2^{28}+T_2^{29}+2T_1^2T_2^{29}-2T_1^8T_2^{29}+2T_1^9T_2^{29}-T_1^{10}T_2^{29}+2T_1^5T_2^{29}-2T_1^6T_2^{29}+2T_1^7T_2^{29}-T_1^8T_2^{29}+T_1^9T_2^{29}-3T_1^{10}T_2^{29}+T_2^{30}+2T_1^2T_2^{30}-2T_1^8T_2^{30}+2T_1^9T_2^{30}-T_1^{10}T_2^{30}+2T_1^5T_2^{30}-2T_1^6T_2^{30}+2T_1^7T_2^{30}-T_1^8T_2^{30}+T_1^9T_2^{30}-3T_1^{10}T_2^{30}+T_2^{31}+2T_1^2T_2^{31}-2T_1^8T_2^{31}+2T_1^9T_2^{31}-T_1^{10}T_2^{31}+2T_1^5T_2^{31}-2T_1^6T_2^{31}+2T_1^7T_2^{31}-T_1^8T_2^{31}+T_1^9T_2^{31}-3T_1^{10}T_2^{31}+T_2^{32}+2T_1^2T_2^{32}-2T_1^8T_2^{32}+2T_1^9T_2^{32}-T_1^{10}T_2^{32}+2T_1^5T_2^{32}-2T_1^6T_2^{32}+2T_1^7T_2^{32}-T_1^8T_2^{32}+T_1^9T_2^{32}-3T_1^{10}T_2^{32}+T_2^{33}+2T_1^2T_2^{33}-2T_1^8T_2^{33}+2T_1^9T_2^{33}-T_1^{10}T_2^{33}+2T_1^5T_2^{33}-2T_1^6T_2^{33}+2T_1^7T_2^{33}-T_1^8T_2^{33}+T_1^9T_2^{33}-3T_1^{10}T_2^{33}+T_2^{34}+2T_1^2T_2^{34}-2T_1^8T_2^{34}+2T_1^9T_2^{34}-T_1^{10}T_2^{34}+2T_1^5T_2^{34}-2T_1^6T_2^{34}+2T_1^7T_2^{34}-T_1^8T_2^{34}+T_1^9T_2^{34}-3T_1^{10}T_2^{34}+T_2^{35}+2T_1^2T_2^{35}-2T_1^8T_2^{35}+2T_1^9T_2^{35}-T_1^{10}T_2^{35}+2T_1^5T_2^{35}-2T_1^6T_2^{35}+2T_1^7T_2^{35}-T_1^8T_2^{35}+T_1^9T_2^{35}-3T_1^{10}T_2^{35}+T_2^{36}+2T_1^2T_2^{36}-2T_1^8T_2^{36}+2T_1^9T_2^{36}-T_1^{10}T_2^{36}+2T_1^5T_2^{36}-2T_1^6T_2^{36}+2T_1^7T_2^{36}-T_1^8T_2^{36}+T_1^9T_2^{36}-3T_1^{10}T_2^{36}+T_2^{37}+2T_1^2T_2^{37}-2T_1^8T_2^{37}+2T_1^9T_2^{37}-T_1^{10}T_2^{37}+2T_1^5T_2^{37}-2T_1^6T_2^{37}+2T_1^7T_2^{37}-T_1^8T_2^{37}+T_1^9T_2^{37}-3T_1^{10}T_2^{37}+T_2^{38}+2T_1^2T_2^{38}-2T_1^8T_2^{38}+2T_1^9T_2^{38}-T_1^{10}T_2^{38}+2T_1^5T_2^{38}-2T_1^6T_2^{38}+2T_1^7T_2^{38}-T_1^8T_2^{38}+T_1^9T_2^{38}-3T_1^{10}T_2^{38}+T_2^{39}+2T_1^2T_2^{39}-2T_1^8T_2^{39}+2T_1^9T_2^{39}-T_1^{10}T_2^{39}+2T_1^5T_2^{39}-2T_1^6T_2^{39}+2T_1^7T_2^{39}-T_1^8T_2^{39}+T_1^9T_2^{39}-3T_1^{10}T_2^{39}+T_2^{40}+2T_1^2T_2^{40}-2T_1^8T_2^{40}+2T_1^9T_2^{40}-T_1^{10}T_2^{40}+2T_1^5T_2^{40}-2T_1^6T_2^{40}+2T_1^7T_2^{40}-T_1^8T_2^{40}+T_1^9T_2^{40}-3T_1^{10}T_2^{40}+T_2^{41}+2T_1^2T_2^{41}-2T_1^8T_2^{41}+2T_1^9T_2^{41}-T_1^{10}T_2^{41}+2T_1^5T_2^{41}-2T_1^6T_2^{41}+2T_1^7T_2^{41}-T_1^8T_2^{41}+T_1^9T_2^{41}-3T_1^{10}T_2^{41}+T_2^{42}+2T_1^2T_2^{42}-2T_1^8T_2^{42}+2T_1^9T_2^{42}-T_1^{10}T_2^{42}+2T_1^5T_2^{42}-2T_1^6T_2^{42}+2T_1^7T_2^{42}-T_1^8T_2^{42}+T_1^9T_2^{42}-3T_1^{10}T_2^{42}+T_2^{43}+2T_1^2T_2^{43}-2T_1^8T_2^{43}+2T_1^9T_2^{43}-T_1^{10}T_2^{43}+2T_1^5T_2^{43}-2T_1^6T_2^{43}+2T_1^7T_2^{43}-T_1^8T_2^{43}+T_1^9T_2^{43}-3T_1^{10}T_2^{43}+T_2^{44}+2T_1^2T_2^{44}-2T_1^8T_2^{44}+2T_1^9T_2^{44}-T_1^{10}T_2^{44}+2T_1^5T_2^{44}-2T_1^6T_2^{44}+2T_1^7T_2^{44}-T_1^8T_2^{44}+T_1^9T_2^{44}-3T_1^{10}T_2^{44}+T_2^{45}+2T_1^2T_2^{45}-2T_1^8T_2^{45}+2T_1^9T_2^{45}-T_1^{10}T_2^{45}+2T_1^5T_2^{45}-2T_1^6T_2^{45}+2T_1^7T_2^{45}-T_1^8T_2^{45}+T_1^9T_2^{45}-3T_1^{10}T_2^{45}+T_2^{46}+2T_1^2T_2^{46}-2T_1^8T_2^{46}+2T_1^9T_2^{46}-T_1^{10}T_2^{46}+2T_1^5T_2^{46}-2T_1^6T_2^{46}+2T_1^7T_2^{46}-T_1^8T_2^{46}+T_1^9T_2^{46}-3T_1^{10}T_2^{46}+T_2^{47}+2T_1^2T_2^{47}-2T_1^8T_2^{47}+2T_1^9T_2^{47}-T_1^{10}T_2^{47}+2T_1^5T_2^{47}-2T_1^6T_2^{47}+2T_1^7T_2^{47}-T_1^8T_2^{47}+T_1^9T_2^{47}-3T_1^{10}T_2^{47}+T_2^{48}+2T_1^2T_2^{48}-2T_1^8T_2^{48}+2T_1^9T_2^{48}-T_1^{10}T_2^{48}+2T_1^5T_2^{48}-2T_1^6T_2^{48}+2T_1^7T_2^{48}-T_1^8T_2^{48}+T_1^9T_2^{48}-3T_1^{10}T_2^{48}+T_2^{49}+2T_1^2T_2^{49}-2T_1^8T_2^{49}+2T_1^9T_2^{49}-T_1^{10}T_2^{49}+2T_1^5T_2^{49}-2T_1^6T_2^{49}+2T_1^7T_2^{49}-T_1^8T_2^{49}+T_1^9T_2^{49}-3T_1^{10}T_2^{49}+T_2^{50}+2T_1^2T_2^{50}-2T_1^8T_2^{50}+2T_1^9T_2^{50}-T_1^{10}T_2^{50}+2T_1^5T_2^{50}-2T_1^6T_2^{50}+2T_1^7T_2^{50}-T_1^8T_2^{50}+T_1^9T_2^{50}-3T_1^{10}T_2^{50}+T_2^{51}+2T_1^2T_2^{51}-2T_1^8T_2^{51}+2T_1^9T_2^{51}-T_1^{10}T_2^{51}+2T_1^5T_2^{51}-2T_1^6T_2^{51}+2T_1^7T_2^{51}-T_1^8T_2^{51}+T_1^9T_2^{51}-3T_1^{10}T_2^{51}+T_2^{52}+2T_1^2T_2^{52}-2T_1^8T_2^{52}+2T_1^9T_2^{52}-T_1^{10}T_2^{52}+2T_1^5T_2^{52}-2T_1^6T_2^{52}+2T_1^7T_2^{52}-T_1^8T_2^{52}+T_1^9T_2^{52}-3T_1^{10}T_2^{52}+T_2^{53}+2T_1^2T_2^{53}-2T_1^8T_2^{53}+2T_1^9T_2^{53}-T_1^{10}T_2^{53}+2T_1^5T_2^{53}-2T_1^6T_2^{53}+2T_1^7T_2^{53}-T_1^8T_2^{53}+T_1^9T_2^{53}-3T_1^{10}T_2^{53}+T_2^{54}+2T_1^2T_2^{54}-2T_1^8T_2^{54}+2T_1^9T_2^{54}-T_1^{10}T_2^{54}+2T_1^5T_2^{54}-2T_1^6T_2^{54}+2T_1^7T_2^{54}-T_1^8T_2^{54}+T_1^9T_2^{54}-3T_1^{10}T_2^{54}+T_2^{55}+2T_1^2T_2^{55}-2T_1^8T_2^{55}+2T_1^9T_2^{55}-T_1^{10}T_2^{55}+2T_1^5T_2^{55}-2T_1^6T_2^{55}+2T_1^7T_2^{55}-T_1^8T_2^{55}+T_1^9T_2^{55}-3T_1^{10}T_2^{55}+T_2^{56}+2T_1^2T_2^{56}-2T_1^8T_2^{56}+2T_1^9T_2^{56}-T_1^{10}T_2^{56}+2T_1^5T_2^{56}-2T_1^6T_2^{56}+2T_1^7T_2^{56}-T_1^8T_2^{56}+T_1^9T_2^{56}-3T_1^{10}T_2^{56}+T_2^{57}+2T_1^2T_2^{57}-2T_1^8T_2^{57}+2T_1^9T_2^{57}-T_1^{10}T_2^{57}+2T_1^5T_2^{57}-2T_1^6T_2^{57}+2T_1^7T_2^{57}-T_1^8T_2^{57}+T_1^9T_2^{57}-3T_1^{10}T_2^{57}+T_2^{58}+2T_1^2T_2^{58}-2T_1^8T_2^{58}+2T_1^9T_2^{58}-T_1^{10}T_2^{58}+2T_1^5T_2^{58}-2T_1^6T_2^{58}+2T_1^7T_2^{58}-T_1^8T_2^{58}+T_1^9T_2^{58}-3T_1^{10}T_2^{58}+T_2^{59}+2T_1^2T_2^{59}-2T_1^8T_2^{59}+2T_1^9T_2^{59}-T_1^{10}T_2^{59}+2T_1^5T_2^{59}-2T_1^6T_2^{59}+2T_1^7T_2^{59}-T_1^8T_2^{59}+T_1^9T_2^{59}-3T_1^{10}T_2^{59}+T_2^{60}+2T_1^2T_2^{60}-2T_1^8T_2^{60}+2T_1^9T_2^{60}-T_1^{10}T_2^{60}+2T_1^5T_2^{60}-2T_1^6T_2^{60}+2T_1^7T_2^{60}-T_1^8T_2^{60}+T_1^9T_2^{60}-3T_1^{10}T_2^{60}+T_2^{61}+2T_1^2T_2^{61}-2T_1^8T_2^{61}+2T_1^9T_2^{61}-T_1^{10}T_2^{61}+2T_1^5T_2^{61}-2T_1^6T_2^{61}+2T_1^7T_2^{61}-T_1^8T_2^{61}+T_1^9T_2^{61}-3T_1^{10}T_2^{61}+T_2^{62}+2T_1^2T_2^{62}-2T_1^8T_2^{62}+2T_1^9T_2^{62}-T_1^{10}T_2^{62}+2T_1^5T_2^{62}-2T_1^6T_2^{62}+2T_1^7T_2^{62}-T_1^8T_2^{62}+T_1^9T_2^{62}-3T_1^{10}T_2^{62}+T_2^{63}+2T_1^2T_2^{63}-2T_1^8T_2^{63}+2T_1^9T_2^{63}-T_1^{10}T_2^{63}+2T_1^5T_2^{63}-2T_1^6T_2^{63}+2T_1^7T_2^{63}-T_1^8T_2^{63}+T_1^9T_2^{63}-3T_1^{10}T_2^{63}+T_2^{64}+2T_1^2T_2^{64}-2T_1^8T_2^{64}+2T_1^9T_2^{64}-T_1^{10}T_2^{64}+2$$

$$\begin{aligned}
 & 4 T_1^{11} T_2^3 - T_2^4 - 2 T_1^2 T_2^4 - 3 T_1^4 T_2^4 + 3 T_1^5 T_2^4 - 3 T_1^6 T_2^4 + 3 T_1^7 T_2^4 - T_1^8 T_2^4 + 2 T_1^9 T_2^4 - 3 T_1^{10} T_2^4 + T_1^{11} T_2^4 - \\
 & 5 T_1^{12} T_2^4 + T_2^5 + 2 T_1^2 T_2^5 + 3 T_1^4 T_2^5 - 3 T_1^8 T_2^5 + 2 T_1^9 T_2^5 - 2 T_1^{10} T_2^5 + 4 T_1^{11} T_2^5 - T_1^{12} T_2^5 + 6 T_1^{13} T_2^5 - T_2^6 - \\
 & 2 T_1^2 T_2^6 - 3 T_1^4 T_2^6 - 4 T_1^6 T_2^6 + 4 T_1^7 T_2^6 - T_1^8 T_2^6 + 3 T_1^9 T_2^6 - 3 T_1^{10} T_2^6 + 2 T_1^{11} T_2^6 - 5 T_1^{12} T_2^6 + T_1^{13} T_2^6 - \\
 & 7 T_1^{14} T_2^6 + T_2^7 + 2 T_1^2 T_2^7 + 3 T_1^4 T_2^7 + 4 T_1^6 T_2^7 - 4 T_1^8 T_2^7 + 2 T_1^9 T_2^7 - 3 T_1^{10} T_2^7 + 4 T_1^{11} T_2^7 - 2 T_1^{12} T_2^7 + \\
 & 6 T_1^{13} T_2^7 - T_1^{14} T_2^7 + 8 T_1^{15} T_2^7 - T_2^8 - T_1 T_2^8 - T_1^2 T_2^8 - 2 T_1^3 T_2^8 - T_1^4 T_2^8 - 3 T_1^5 T_2^8 - T_1^6 T_2^8 - 4 T_1^7 T_2^8 + \\
 & 4 T_1^8 T_2^8 - 2 T_1^9 T_2^8 + 3 T_1^{10} T_2^8 - 4 T_1^{11} T_2^8 + 2 T_1^{12} T_2^8 - 6 T_1^{13} T_2^8 + T_1^{14} T_2^8 - 8 T_1^{15} T_2^8 + 2 T_1 T_2^9 + T_1^2 T_2^9 + \\
 & 2 T_1^3 T_2^9 + 2 T_1^4 T_2^9 + 2 T_1^5 T_2^9 + 3 T_1^6 T_2^9 + 2 T_1^7 T_2^9 - 2 T_1^8 T_2^9 + 2 T_1^9 T_2^9 - 3 T_1^{10} T_2^9 + 4 T_1^{11} T_2^9 - 2 T_1^{12} T_2^9 + \\
 & 6 T_1^{13} T_2^9 - T_1^{14} T_2^9 + 8 T_1^{15} T_2^9 - 3 T_1^2 T_2^{10} - T_1^3 T_2^{10} - 3 T_1^4 T_2^{10} - 2 T_1^5 T_2^{10} - 3 T_1^6 T_2^{10} - 3 T_1^7 T_2^{10} + \\
 & 3 T_1^8 T_2^{10} - 3 T_1^9 T_2^{10} + 3 T_1^{10} T_2^{10} - 4 T_1^{11} T_2^{10} + 2 T_1^{12} T_2^{10} - 6 T_1^{13} T_2^{10} + T_1^{14} T_2^{10} - 8 T_1^{15} T_2^{10} + 4 T_1^3 T_2^{11} + \\
 & T_1^4 T_2^{11} + 4 T_1^5 T_2^{11} + 2 T_1^6 T_2^{11} + 4 T_1^7 T_2^{11} - 4 T_1^8 T_2^{11} + 4 T_1^9 T_2^{11} - 4 T_1^{10} T_2^{11} + 4 T_1^{11} T_2^{11} - 2 T_1^{12} T_2^{11} + \\
 & 6 T_1^{13} T_2^{11} - T_1^{14} T_2^{11} + 8 T_1^{15} T_2^{11} - 5 T_1^4 T_2^{12} - T_1^5 T_2^{12} - 5 T_1^6 T_2^{12} - 2 T_1^7 T_2^{12} + 2 T_1^8 T_2^{12} - 2 T_1^9 T_2^{12} + \\
 & 2 T_1^{10} T_2^{12} - 2 T_1^{11} T_2^{12} + 2 T_1^{12} T_2^{12} - 6 T_1^{13} T_2^{12} + T_1^{14} T_2^{12} - 8 T_1^{15} T_2^{12} + 6 T_1^5 T_2^{13} + T_1^6 T_2^{13} + 6 T_1^7 T_2^{13} - \\
 & 6 T_1^8 T_2^{13} + 6 T_1^9 T_2^{13} - 6 T_1^{10} T_2^{13} + 6 T_1^{11} T_2^{13} - 6 T_1^{12} T_2^{13} + 6 T_1^{13} T_2^{13} - T_1^{14} T_2^{13} + 8 T_1^{15} T_2^{13} - 7 T_1^6 T_2^{14} - \\
 & T_1^7 T_2^{14} + T_1^8 T_2^{14} - T_1^9 T_2^{14} + T_1^{10} T_2^{14} - T_1^{11} T_2^{14} + T_1^{12} T_2^{14} - T_1^{13} T_2^{14} + T_1^{14} T_2^{14} - 8 T_1^{15} T_2^{14} + 8 T_1^7 T_2^{15} - \\
 & 8 T_1^8 T_2^{15} + 8 T_1^9 T_2^{15} - 8 T_1^{10} T_2^{15} + 8 T_1^{11} T_2^{15} - 8 T_1^{12} T_2^{15} + 8 T_1^{13} T_2^{15} - 8 T_1^{14} T_2^{15} + 8 T_1^{15} T_2^{15} ) / \\
 & ( (1 - T_1 + T_1^2) (1 - T_1^3 + T_1^6) (1 - T_2 + T_2^2) (1 - T_1 T_2 + T_1^2 T_2^2) (1 - T_2^3 + T_2^6) (1 - T_1^3 T_2^3 + T_1^6 T_2^6) ) , \\
 & - ( (2 (-14 + 29 T_1 - 14 T_1^2 + 29 T_2 - 102 T_1 T_2 + 132 T_1^2 T_2 - 43 T_1^3 T_2 - 14 T_2^2 + 132 T_1 T_2^2 - 210 T_1^2 T_2^2 - \\
 & 12 T_1^3 T_2^2 + 50 T_1^4 T_2^2 - 43 T_1 T_2^3 - 12 T_1^2 T_2^3 + 222 T_1^3 T_2^3 - 115 T_1^4 T_2^3 + 50 T_1^2 T_2^4 - 115 T_1^3 T_2^4 + 50 T_1^4 T_2^4) ) / \\
 & ( T_1 (4 - 9 T_1 + 4 T_1^2) (4 - 9 T_2 + 4 T_2^2) (4 - 9 T_1 T_2 + 4 T_1^2 T_2^2) ) ) }
 \end{aligned}$$

In[\*]:= Factor [  $\frac{\text{ntab1} /. \{T_1 \rightarrow T_2, T_2 \rightarrow T_1\}}{\text{ntab1}}$  ]

Out[\*]=

$$\left\{ \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2}, \frac{T_1}{T_2} \right\}$$