In[•]:=
```
SetDirectory["C:\\drorbn\\AcademicPensieve\\People\\Szabo\\ComputeHFKv2"];
<< KnotTheory`
<< GST48Data.m
```

```
Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.
Read more at http://katlas.org/wiki/KnotTheory.
```

Out[•]=
```
{{1, {-10, -7}}, {1, {-10, -6}}, {3, {-9, -6}}, {3, {-9, -5}}, {3, {-8, -5}},
 {3, {-8, -4}}, {1, {-8, -3}}, {1, {-7, -7}}, {1, {-7, -4}}, {1, {-7, -3}},
 {3, {-7, -2}}, {3, {-6, -6}}, {1, {-6, -2}}, {5, {-6, -1}}, {3, {-5, -5}},
 {1, {-5, -4}}, {1, {-5, -3}}, {2, {-5, -1}}, {5, {-5, 0}}, {1, {-4, -5}},
 {1, {-4, -4}}, {3, {-4, -3}}, {2, {-4, -2}}, {1, {-4, 0}}, {2, {-4, 1}}, {3, {-3, -4}},
 {4, {-3, -2}}, {2, {-3, -1}}, {3, {-2, -3}}, {3, {-2, -2}}, {4, {-2, -1}},
 {2, {-2, 0}}, {1, {-1, -2}}, {9, {-1, -1}}, {2, {-1, 0}}, {1, {-1, 1}}, {15, {0, 0}},
 {2, {0, 1}}, {1, {1, 0}}, {9, {1, 1}}, {2, {1, 2}}, {1, {1, 3}}, {3, {2, 1}}, {3, {2, 2}},
 {4, {2, 3}}, {2, {2, 4}}, {3, {3, 2}}, {4, {3, 4}}, {2, {3, 5}}, {1, {4, 3}},
 {1, {4, 4}}, {3, {4, 5}}, {2, {4, 6}}, {1, {4, 8}}, {2, {4, 9}}, {3, {5, 5}},
 {1, {5, 6}}, {1, {5, 7}}, {2, {5, 9}}, {5, {5, 10}}, {3, {6, 6}}, {1, {6, 10}},
 {5, {6, 11}}, {1, {7, 7}}, {1, {7, 10}}, {1, {7, 11}}, {3, {7, 12}}, {3, {8, 11}},
 {3, {8, 12}}, {1, {8, 13}}, {3, {9, 12}}, {3, {9, 13}}, {1, {10, 13}}, {1, {10, 14}}}
```

In[•]:=
```
Alexander[pd][t]
```

Out[•]=
$$13-\frac{1}{t^8}+\frac{2}{t^7}-\frac{1}{t^6}-\frac{2}{t^4}+\frac{5}{t^3}-\frac{2}{t^2}-\frac{7}{t}-7\,t-2\,t^2+5\,t^3-2\,t^4-t^6+2\,t^7-t^8$$

In[•]:=
```
Total[hfk /. {r_, {ad_, md_}} :> r t^ad (-1)^md]
```

Out[•]=
$$13-\frac{1}{t^8}+\frac{2}{t^7}-\frac{1}{t^6}-\frac{2}{t^4}+\frac{5}{t^3}-\frac{2}{t^2}-\frac{7}{t}-7\,t-2\,t^2+5\,t^3-2\,t^4-t^6+2\,t^7-t^8$$