

Pensieve Header: van Kampen for  $T_{8/3}$ .

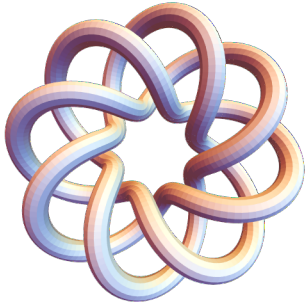
Continues [https://drorbn.net/index.php?title=0708-1300/Class\\_notes\\_for\\_Tuesday,\\_January\\_22](https://drorbn.net/index.php?title=0708-1300/Class_notes_for_Tuesday,_January_22)

```
In[ ]:= << KnotTheory`
```

```
Loading KnotTheory` version of October 29, 2024, 10:29:52.1301.  
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[ ]:= TubePlot [TorusKnot [8, 3], ImageSize -> Small]
```

```
Out[ ]:=
```



```
TC[r1_, t1_, r2_, t2_] := {  
  (r1 + r2 Cos [2 π t2]) Cos [2 π t1],  
  (r1 + r2 Cos [2 π t2]) Sin [2 π t1],  
  r2 Sin [2 π t2]  
};
```

```
In[ ]:= InflatedTorus [p_, q_, b_] := ParametricPlot3D [  
  TC [2, p t - q s, 1 + b (p^2 + q^2) s (1 - (p^2 + q^2) s), q t + p s],  
  {t, 0, 1},  
  {s, 0, 1 / (p^2 + q^2)},  
  PlotPoints -> {6 (p^2 + q^2) + 1, 7}  
];
```

```
In[ ]:= GraphicsGrid [{{InflatedTorus [3, 8, 1], InflatedTorus [3, 8, -1]}]}
```

```
Out[ ]:=
```

