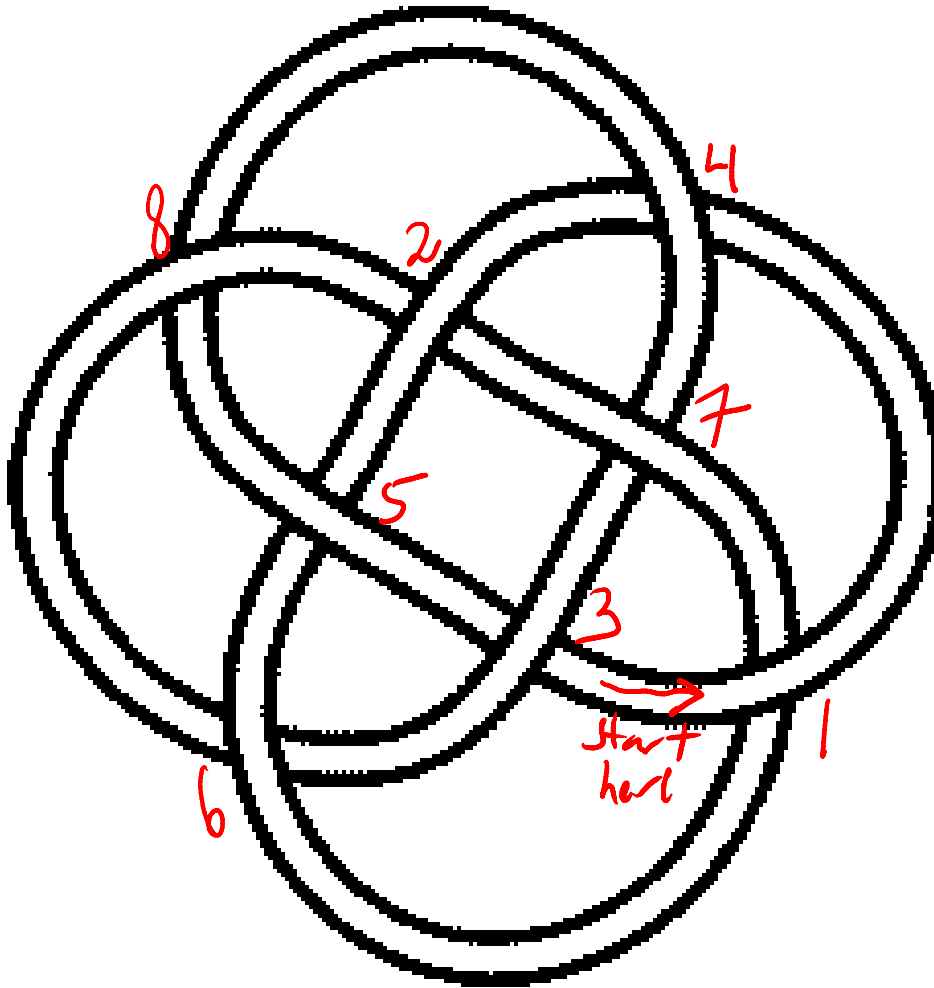


The Gauss Code of 8_18

April-12-09
6:13 PM



([KnotPlot](#) image)

```
In[1]:= << KnotTheory`
```

```
Loading KnotTheory` version of April 2, 2009, 12:5:8.7722.
```

```
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[3]:= gc = GaussCode[Knot[8, 18]]
```

```
Out[3]= GaussCode[1, -4, 2, -5, 6, -1, 7, -2, 8, -6, 3, -7, 4, -8, 5, -3]
```

Knot presentations

[Planar diagram presentation](#) $X_{6,27,1} X_{8,39,4} X_{16,11,1,12} X_{2,14,3,13} X_{4,15,5,16} X_{10,6,11,5} X_{12,7,13,8} X_{14,10,15,9}$

[Gauss code](#) 1, -4, 2, -5, 6, -1, 7, -2, 8, -6, 3, -7, 4, -8, 5, -3

[Dowker-Thistlethwaite code](#) 6 8 10 12 14 16 2 4

[Conway Notation](#) [8*]

Pasted from http://katlas.org/wiki/8_18