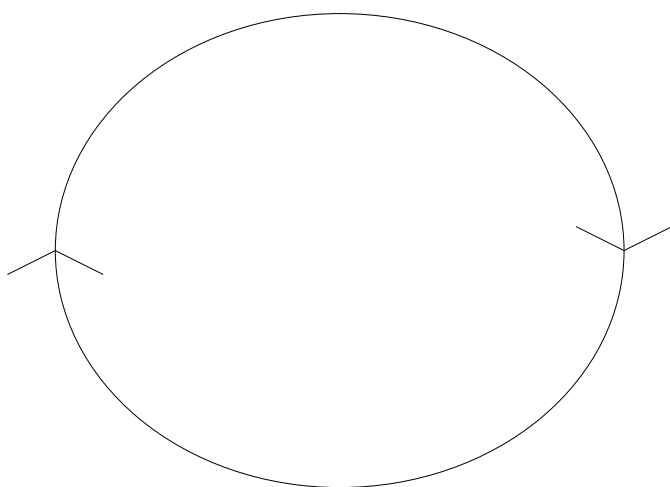```
<< KnotTheory`
Import["http://katlas.org/w/index.php?title=CableComponent.m&action=raw"];
DrawMorseLink[KK0 = Knot["0 1"]]
DrawMorseLink[KK1 = Knot["3 1"]]
DrawMorseLink[KK2 = CableComponent[BR[2, {-1, -1, -1}], KK0]]
ColouredJones[KK1, 1][q]
ColouredJones[KK2, 1][q]
```
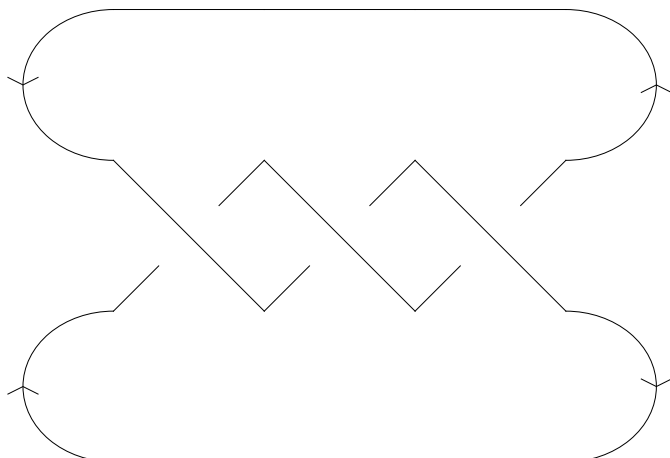
```
Loading KnotTheory` version of February 5, 2013, 3:48:46.4762.
Read more at http://katlas.org/wiki/KnotTheory.
```
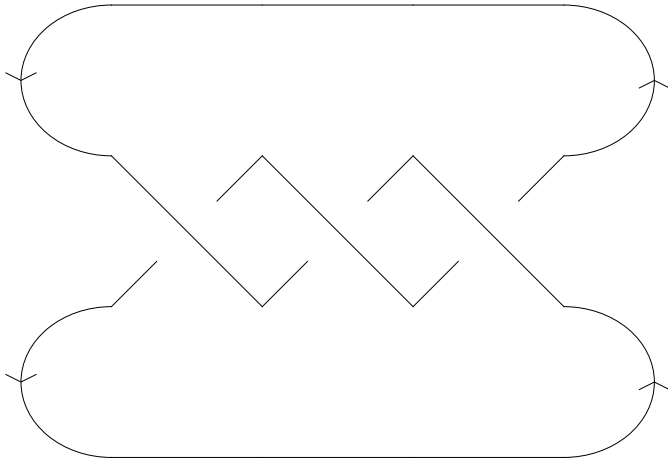
KnotTheory::loading : Loading precomputed data in PD4Knots`.

KnotTheory::credits : DrawMorseLink was written by Siddarth Sankaran
at the University of Toronto in the summer of 2005.

KnotTheory::credits : MorseLink was added to KnotTheory` by Siddarth Sankaran
at the University of Toronto in the summer of 2005.

KnotTheory::loading : Loading precomputed data in ColouredJones4Knots`.

KnotTheory::credits : The R−matrix engine was written by Siddarth Sankaran at the University of Toronto, in the summer of 2005.

$$-\frac{1}{q^4} + \frac{1}{q^3} + \frac{1}{q}$$

$$5 + \frac{1}{q} - 2\,q + q^2 - \frac{8}{1+q}$$

**KK0 // PD**

PD[Loop[1]]

**KK2 // PD**

PD[X[1, 2, 4, 3], X[3, 4, 6, 5], X[5, 6, 2, 1]]