<< KnotTheory`

Loading KnotTheory` version of February 5, 2013, 3:48:46.4762.
Read more at http://katlas.org/wiki/KnotTheory.

BraidPlot[br = BR[2, {1, 1, 1, 1, 1}]]

Import["http://katlas.org/w/index.php?title=CableComponent.m&action=raw"];
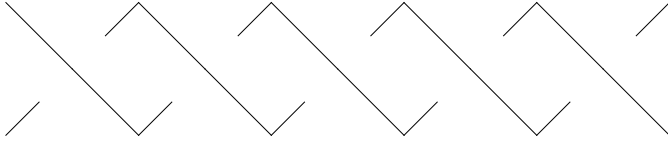
**(K = CableComponent[br, Knot[3, 1]]) // DrawMorseLink**

KnotTheory::loading : Loading precomputed data in PD4Knots`.

KnotTheory::credits : Vogel's algorithm was implemented by Dan Carney in the summer of 2005 at the University of Toronto.

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

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

General::stop : Further output of KnotTheory::credits will be suppressed during this calculation. ≫
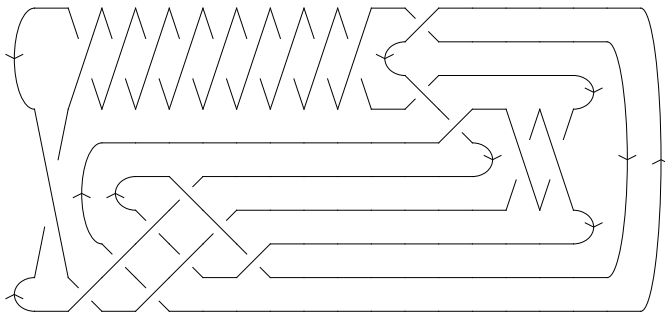
Jones[K][q]

$$1 + \frac{1}{q^{15}} - \frac{1}{q^{14}} - \frac{1}{q^{12}} + \frac{1}{q^{8}} + \frac{1}{q^{6}} + \frac{1}{q^{4}} - \frac{1}{q^{3}} + \frac{1}{q^{2}} - \frac{1}{q} - q$$