<< KnotTheory`

Loading KnotTheory` version of April 20, 2009, 14:18:34.482.
Read more at http://katlas.org/wiki/KnotTheory.

\[ L = PD[X[1, 23, 2, 22], X[3, 24, 4, 17], X[4, 12, 5, 11], X[6, 13, 7, 14], X[9, 3, 10, 2], X[12, 20, 13, 19], X[14, 21, 15, 22], X[15, 8, 16, 1], X[17, 11, 18, 10], X[18, 5, 19, 6], X[20, 8, 21, 7], X[23, 16, 24, 9]] \]
\[ PD[X[1, 23, 2, 22], X[3, 24, 4, 17], X[4, 12, 5, 11], X[6, 13, 7, 14], X[9, 3, 10, 2], X[12, 20, 13, 19], X[14, 21, 15, 22], X[15, 8, 16, 1], X[17, 11, 18, 10], X[18, 5, 19, 6], X[20, 8, 21, 7], X[23, 16, 24, 9]] \]

\textbf{DrawMorseLink}[L]

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

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

\[
\text{mva} = \text{MultivariableAlexander}[L][t]
\]

KnotTheory::credits:
The multivariable Alexander program "MVA2" was written by Jana Archibald at the University of Toronto in 2007–2008.

\[
\frac{(-1+t[1]) (-1+t[2]) (-1+t[3]) (1+t[1] t[3])^2}{t[1]^{3/2} \sqrt{t[2]} \ t[3]^{3/2}}
\]

\textbf{AllLinks}[[12, 12]] // Length

4276

\textbf{PD}[\text{AllLinks}[[12, 12]]] // First

KnotTheory::loading: Loading precomputed data in PD4Links`.

PD[Link[[12, Alternating, 1]]]

\textbf{Select}[\text{AllLinks}[[2, 11]], (\text{MultivariableAlexander}[H][t] \text{=== mva}) &]

KnotTheory::loading: Loading precomputed data in MultivariableAlexander4Links`.

{}}