

Pensieve Header: On bug report by Tetsuya Abe, October 2010 - JavaKh is not working. Seems to work fine for me.

<< **KnotTheory`**

Loading KnotTheory` version of August 22, 2010, 13:36:57.55.

Read more at <http://katlas.org/wiki/KnotTheory>.

br1 = BR[2, {-1, -1, -1}];

Jones[br1][q]

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

Alexander[br1][t]

$$-1 + \frac{1}{t} + t$$

Kh[br1][q, t]

KnotTheory::credits : The Khovanov homology program JavaKh-v2 is an update of Jeremy Green's program JavaKh-v1, written by Scott Morrison in 2008 at Microsoft Station Q.

$$\frac{1}{q^3} + \frac{1}{q} + \frac{1}{q^9 t^3} + \frac{1}{q^5 t^2}$$

**K = PD[X[1, 9, 2, 8], X[3, 10, 4, 11],
X[5, 3, 6, 2], X[7, 1, 8, 12], X[9, 4, 10, 5], X[11, 7, 12, 6]];**

Jones[K][q]

$$-1 + \frac{1}{q} + 2q - 2q^2 + 2q^3 - 2q^4 + q^5$$

Alexander[K][t]

$$-3 - \frac{1}{t^2} + \frac{3}{t} + 3t - t^2$$

Kh[K][q, t]

$$2q + q^3 + \frac{1}{q^3 t^2} + \frac{q}{t} + q^3 t + q^5 t + q^5 t^2 + q^7 t^2 + q^7 t^3 + q^9 t^3 + q^{11} t^4$$