`<< KnotTheory``

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

`KnotSignature[K = Knot[7, 4]]`

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

2

`KnotSignature[PD[K]]`

2

`KnotSignature[Mirror[PD[K]]]`

-2

`kikh = Expand[q + q^3 + 2 t q^3 + (q^5 + 2 q^7) t^2 +`
`    (q^7 + q^9) t^3 + (2 q^9 + q^11) t^4 + 2 q^13 t^5 + q^13 t^6 + q^17 t^7]`

$q + q^3 + 2\,q^3\,t + q^5\,t^2 + 2\,q^7\,t^2 + q^7\,t^3 + q^9\,t^3 + 2\,q^9\,t^4 + q^{11}\,t^4 + 2\,q^{13}\,t^5 + q^{13}\,t^6 + q^{17}\,t^7$

`Kh[Knot[7, 4]][q, t]`

$q + q^3 + 2\,q^3\,t + q^5\,t^2 + 2\,q^7\,t^2 + q^7\,t^3 + q^9\,t^3 + 2\,q^9\,t^4 + q^{11}\,t^4 + 2\,q^{13}\,t^5 + q^{13}\,t^6 + q^{17}\,t^7$

`kikh /. t → -1 / q^4`

$q + q^3$