```
<< KnotTheory`
MVA = MultivariableAlexander;
```

```
Loading KnotTheory` version of April 3, 2014, 16:23:56.0784.
Read more at http://katlas.org/wiki/KnotTheory.
```

```
{L = Link["L9n9"]; t1 = MVA[L][T], t2 = MVA[Mirror@L][T], Simplify[t1 / t2]}
```

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

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

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

$$\left\{-\frac{1+T[1]-T[1]\,T[2]-T[2]^2+T[2]^3+T[1]\,T[2]^3}{\sqrt{T[1]}\;T[2]^{3/2}},\ \frac{1+T[1]-T[1]\,T[2]-T[2]^2+T[2]^3+T[1]\,T[2]^3}{\sqrt{T[1]}\;T[2]^{3/2}},\ -1\right\}$$

```
{L = Link["L10n10"]; t1 = MVA[L][T], t2 = MVA[Mirror@L][T], Simplify[t1 / t2]}
```

$$\left\{\frac{1-2\,T[2]-2\,T[1]\,T[2]^4+T[1]\,T[2]^5}{\sqrt{T[1]}\;T[2]^{5/2}},\ -\frac{1-2\,T[2]-2\,T[1]\,T[2]^4+T[1]\,T[2]^5}{\sqrt{T[1]}\;T[2]^{5/2}},\ -1\right\}$$

```
{L = Link["L11n11"]; t1 = MVA[L][T], t2 = MVA[Mirror@L][T], Simplify[t1 / t2]}
```

$$\left\{\frac{(-1+T[1])\,(-1+T[2])\,(2-T[2]+2\,T[2]^2)}{\sqrt{T[1]}\;T[2]^{3/2}},\ -\frac{(-1+T[1])\,(-1+T[2])\,(2-T[2]+2\,T[2]^2)}{\sqrt{T[1]}\;T[2]^{3/2}},\ -1\right\}$$

```
Simplify[MVA[#][T] / MVA[Mirror@#][T]] & /@ AllLinks[{2, 9}]
```

Power::infy : Infinite expression $\frac{1}{0}$ encountered. ≫

Infinity::indet : Indeterminate expression 0 ComplexInfinity encountered. ≫

$$\left\{\frac{1}{T[2]},\ -1,-1,-1,-1,-1,1,1,1,-1,-1,-1,-1,-1,-1,1,-1,-1,-1,-1,-1,-1,\right.$$
$$-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,1,1,1,1,1,1,-1,-1,-1,1,1,1,1,-1,$$
$$-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,$$
$$-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,$$
$$-1,-1,-1,1,1,1,1,1,1,1,1,1,1,1,1,-1,-1,-1,-1,-1,-1,-1,-1,-1,$$
$$\left.-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,1,1,1,1,1,1,1,\text{Indeterminate},1\right\}$$