

```
In[ ]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\Theta"];
```

```
<< Theta.m
```

```
Loading KnotTheory` version of October 29, 2024, 10:29:52.1301.
```

```
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[ ]:=  $\Theta$ [Knot[5, 2]]
```

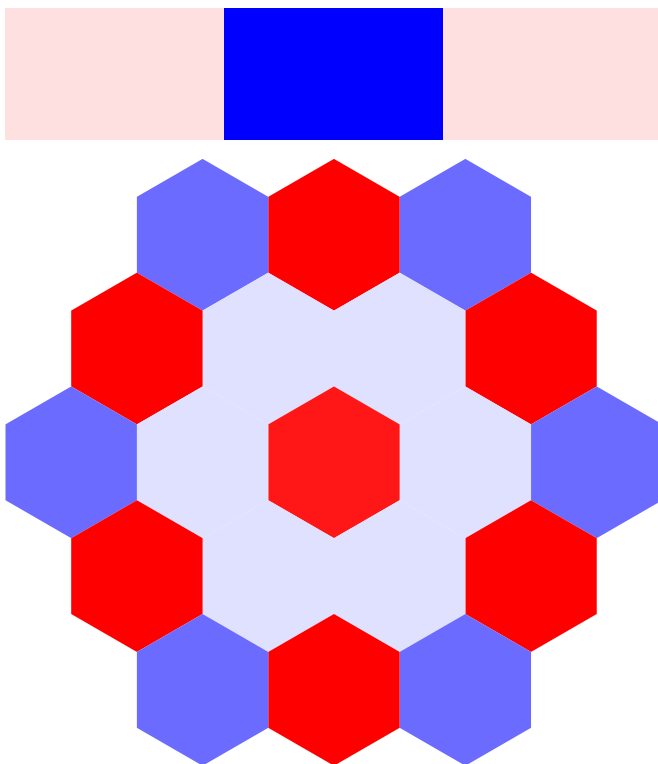
```
KnotTheory: Loading precomputed data in PD4Knots`.
```

```
Out[ ]:=
```

$$\left\{ \frac{2 - 3 T + 2 T^2}{T}, \right. \\ \left. - \frac{1}{T_1^2 T_2^2} \left(9 - 13 T_1 + 9 T_1^2 - 13 T_2 + 6 T_1 T_2 + 6 T_1^2 T_2 - 13 T_1^3 T_2 + 9 T_2^2 + 6 T_1 T_2^2 - 12 T_1^2 T_2^2 + 6 T_1^3 T_2^2 + \right. \right. \\ \left. \left. 9 T_1^4 T_2^2 - 13 T_1 T_2^3 + 6 T_1^2 T_2^3 + 6 T_1^3 T_2^3 - 13 T_1^4 T_2^3 + 9 T_1^2 T_2^4 - 13 T_1^3 T_2^4 + 9 T_1^4 T_2^4 \right) \right\}$$

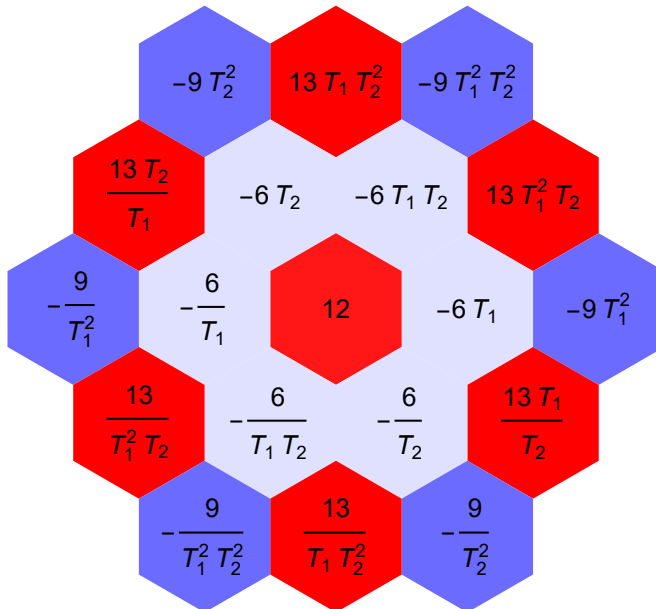
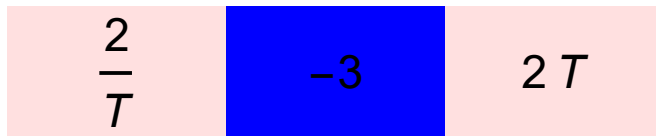
```
In[ ]:= PolyPlot[ $\Theta$ [Knot[5, 2]]]
```

```
Out[ ]:=
```



In[*]:= PolyPlot[Theta[Knot[5, 2]], Labeled -> True]

Out[*]=



In[*]:= PolyPlot[Theta[Knot[5, 2]], Labeled -> True, Shear -> False]

Out[*]=

