

The bracket polynomial

We have some basic rules:

$$\langle \bigcirc \rangle = 1$$

$$\langle \bigcirc \cup \text{link} \rangle = (-A^2 - A^{-2}) \langle \text{link} \rangle$$

$$\langle \begin{array}{c} \diagdown \\ \diagup \end{array} \rangle = A \langle \begin{array}{c}) \\ (\end{array} \rangle + A^{-1} \langle \begin{array}{c} \curvearrowright \\ \curvearrowleft \end{array} \rangle$$

Can you find the bracket polynomials of the following knots and links?

