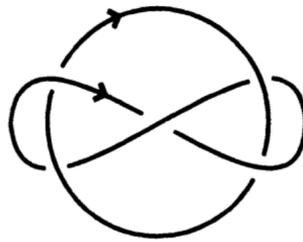# Algebraic Invariants in Knot Theory
Practicals 5
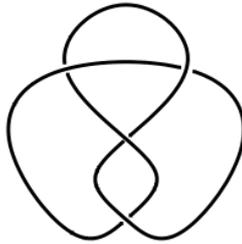
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Exercise 1. Compute the Conway polynomial of the Whitehead link.

Exercise 2. Compute the Conway polynomial of the figure 8 knot.

Exercise 3. (S 2.4) Is the granny knot equivalent to one of the trefoils? To the figure eight knot? To the unknot?

Exercise 4. Let K be the Whitehead double of the trifoil knot.

(i) Determine all prime numbers p such that K is p-colorable.

(ii) Determine the Conway polynomial of K.