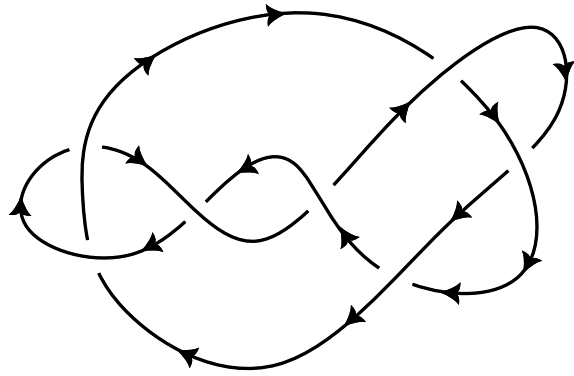
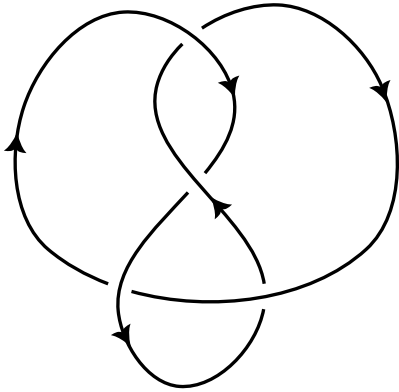


# Seifert Surfaces

**Exercise 1:** Construct the Seifert surface, Seifert graph and Seifert matrix of the following knots.



**Exercise 2:** If you have time, think about a more efficient way how to calculate  $\text{lk}(\alpha, \alpha^*)$ .