

Seifert-Alexander pairs

September-02-08
8:01 PM

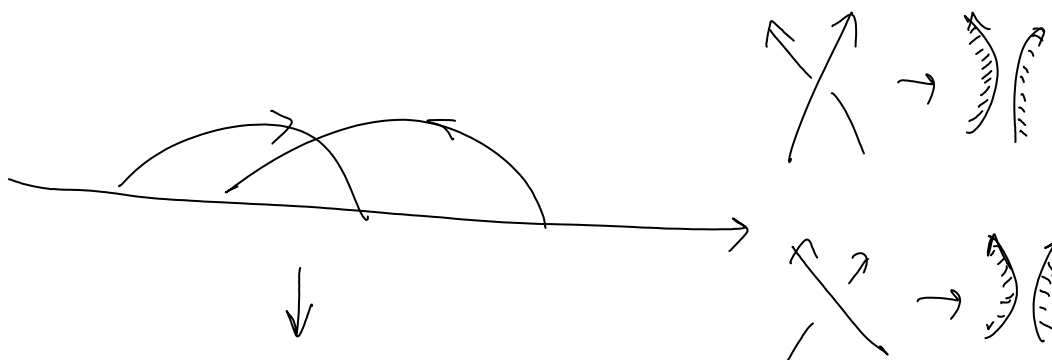
what is the direct relationship between the Seifert-matrix and the Fox calculus approach to the Alexander polynomial? If they are the same, is there a common generalization?

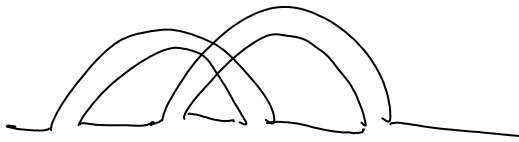
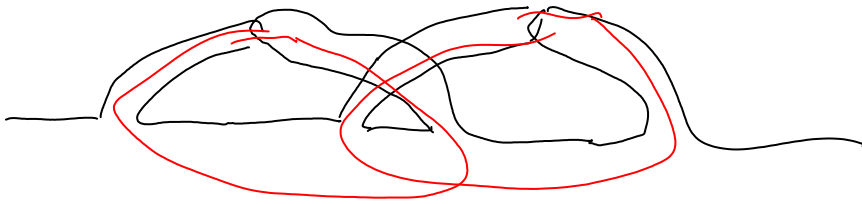


Are there Seifert surfaces for virtual knots?

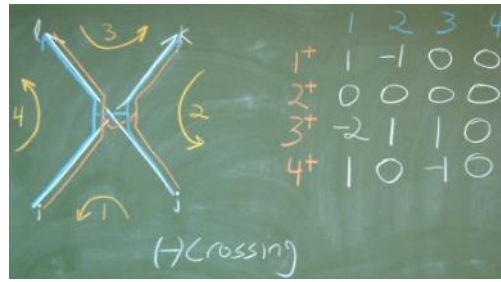
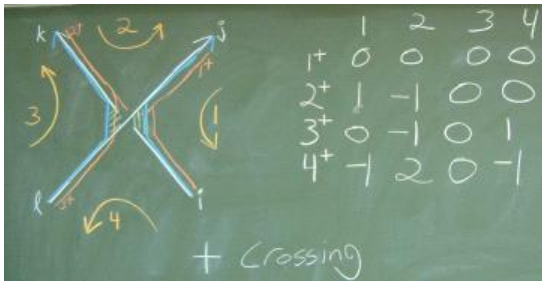
Perhaps, is every virtual knot the thickening of a graph? **Yes.**

Given a knot K , is there a combinatorial const. of a graph whose thickening is K ?





or



(Notes for the signature program written in Poland)