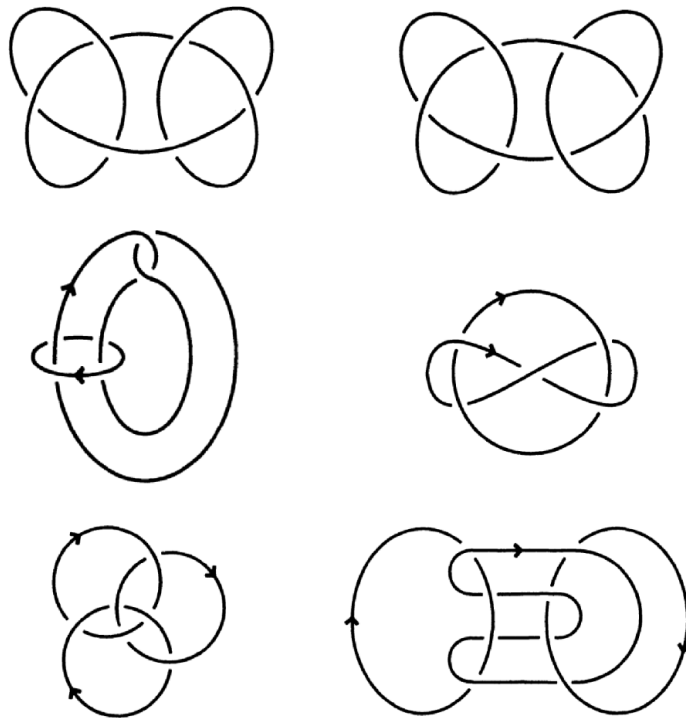


Gauss codes

Exercise 1: Show that if all the signs in a give code agree if and only if code of an alternating diagram.

Exercise 2: Show that the mirror image of a knot can have the same Gauss code.

Exercise 3: Which of these diagrams correspond to the same knot? Don't prove if they are not. how some Gauss codes for these diagrams.



Exercise 4: Does there exists a knot with Gauss codes

- (4,6,8,2)
- (8,10,2,4,6)
- (6,8,2,4,14,16,10,12)