

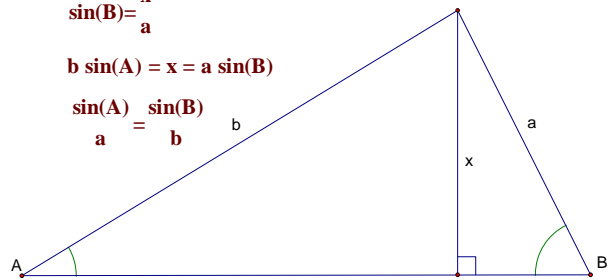
Trigonometry

$$\sin(A) = \frac{x}{b}$$

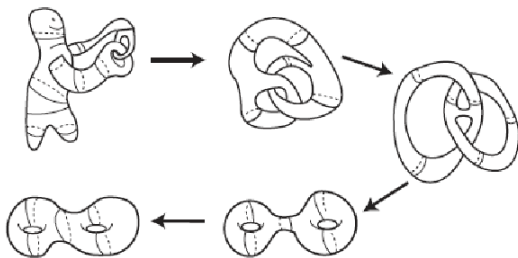
$$\sin(B) = \frac{x}{a}$$

$$b \sin(A) = x = a \sin(B)$$

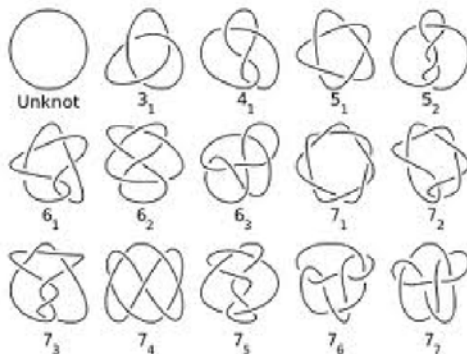
$$\frac{\sin(A)}{a} = \frac{\sin(B)}{b}$$



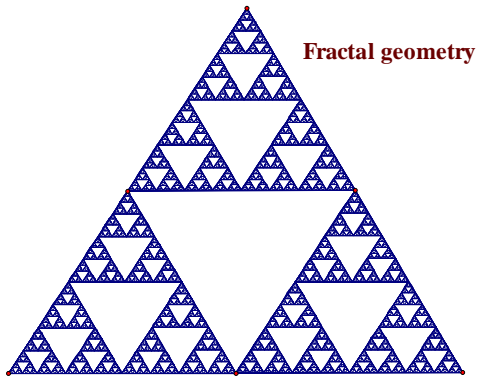
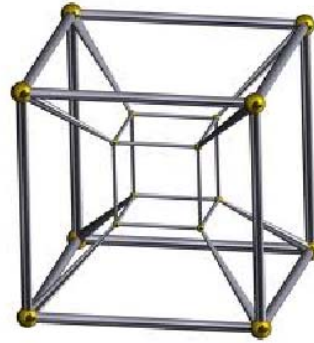
Rubber-sheet geometry (topology)



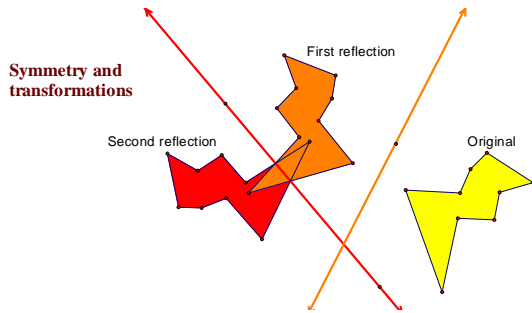
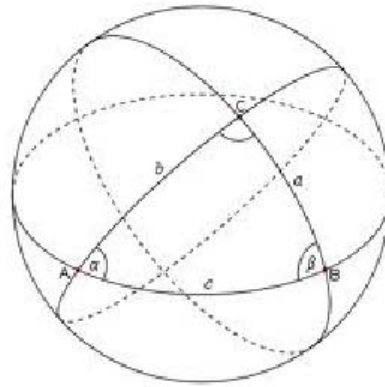
Knot theory



The 4th Dimension



Spherical geometry and trigonometry



Polyhedra

