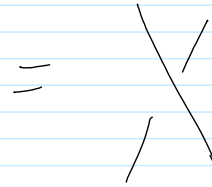
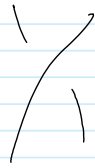


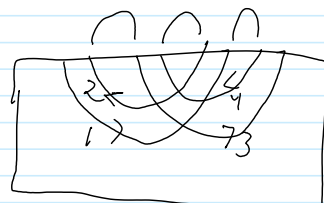
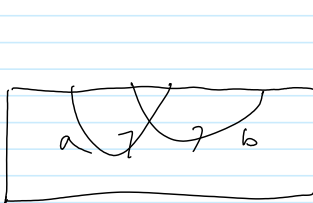
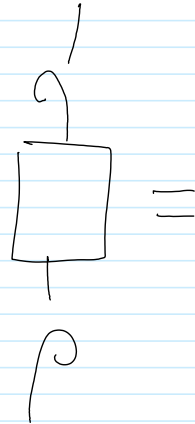
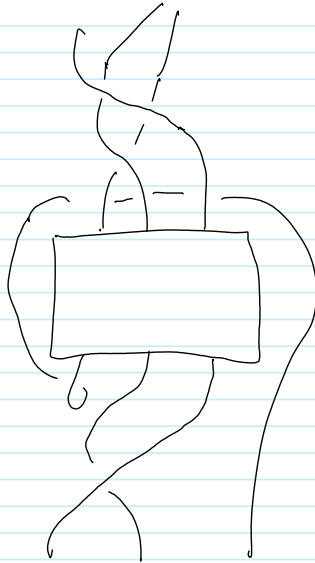
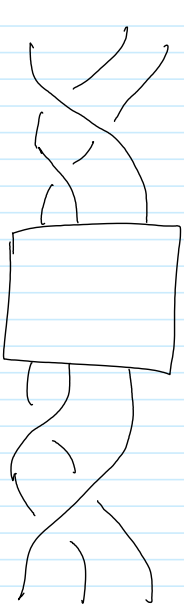
Scratch

June-02-14 7:47 PM

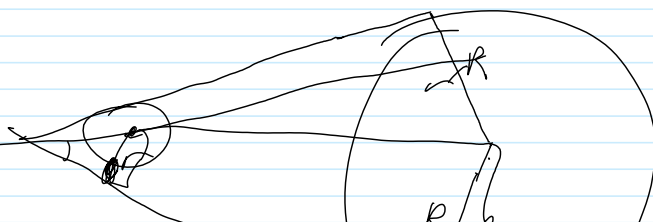
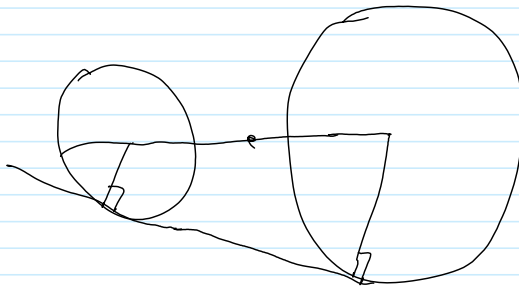


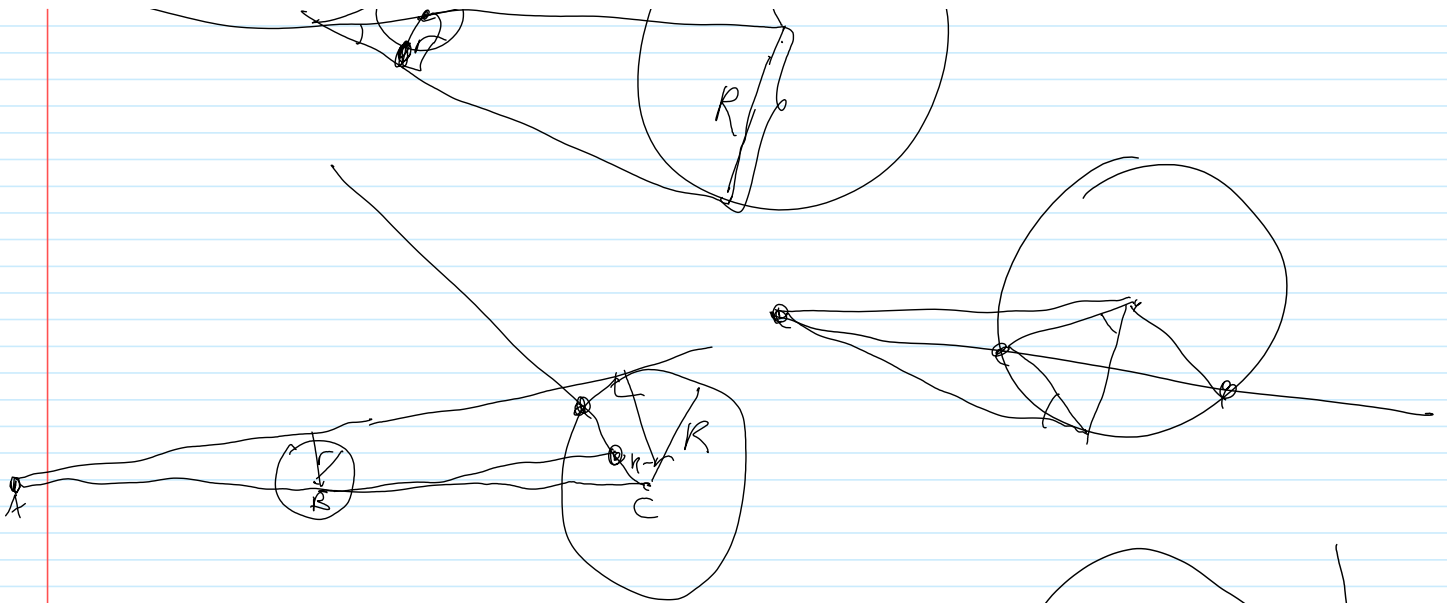
$$RX_{21}^+ R^{-1} = X_{12}^+$$

$$RX_{12}^- R^{-1} = X_{21}^-$$



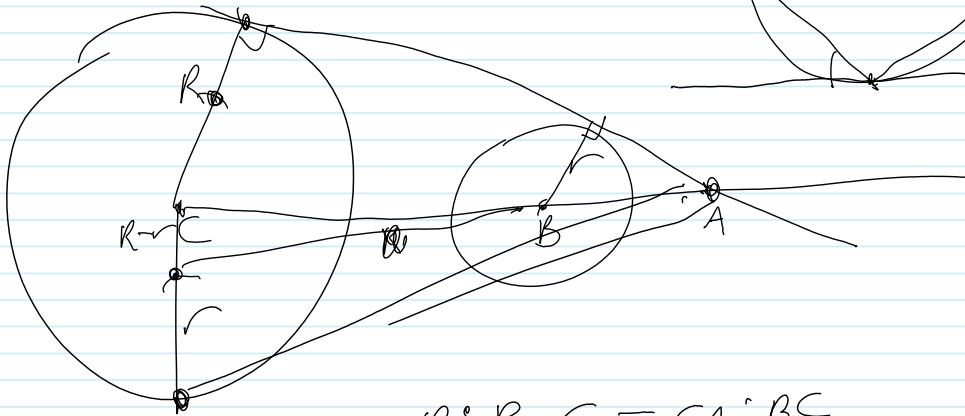
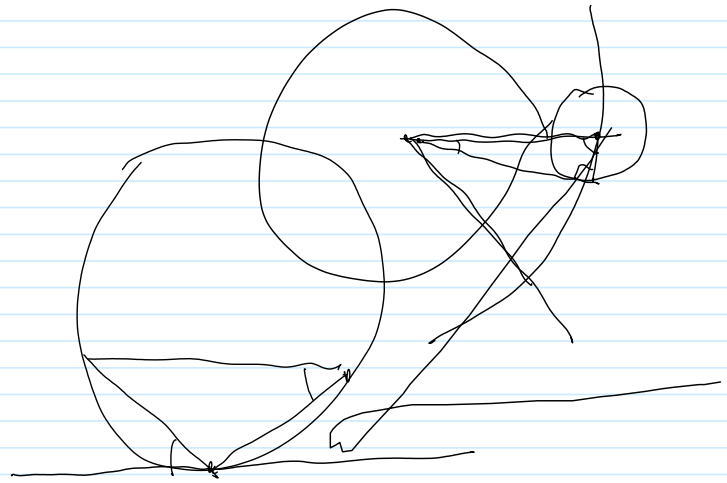
$$1 \rightarrow 4 \rightarrow 2 \rightarrow 3$$



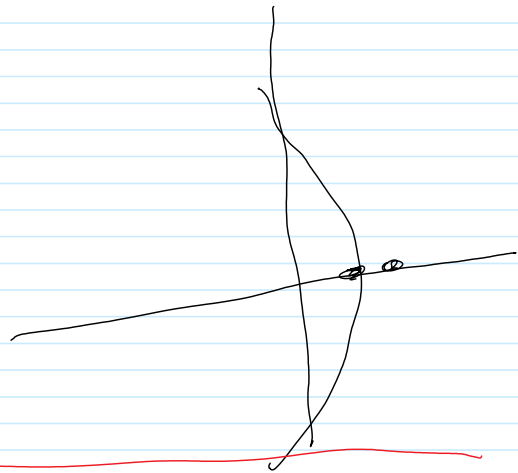
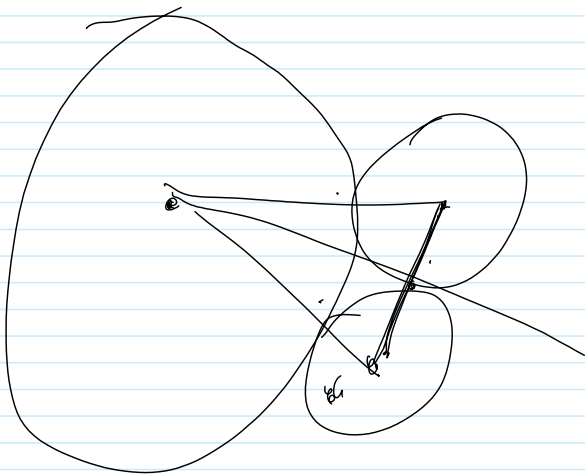


$$AB:AC = r:R$$

$$BC:AC = (R-r):R$$



$$R:R-r = CA:BC$$



$$\mathcal{L}_0 \gamma^{-1} = \bar{\gamma}^T \mathcal{L}_i \quad / - T \quad \gamma^{-1} = \mathcal{L}_0$$

$$(\overline{\gamma}^{-1})^T \overline{\mathcal{L}}_T = \overline{\mathcal{L}}_i^T \gamma \quad / \gamma \mapsto \gamma^{-1}$$

$$\overline{\gamma}^T \overline{\mathcal{L}}_T = \overline{\mathcal{L}}_i^T \gamma^{-1}$$

$$\langle x \oplus Ax, -y \oplus A^{-1}y \rangle = -\langle x, y \rangle + \langle Ax, A^{-1}y \rangle$$