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## Congruent curves

### Definition. Congruent curves

Two curves  $\mathcal{C}_1$  and  $\mathcal{C}_2$  are **congruent** if there exists a rotation  $O$  and  $\mathbf{c}_0 \in \mathbb{R}^3$  such that

$$\mathcal{C}_1 = O(\mathcal{C}_2) + \mathbf{c}_0$$

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