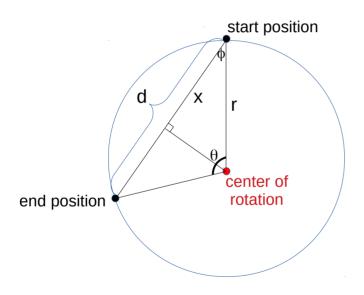
Calculating Center of Rotation Based on Turn Results



Given start and end poses, first calculate actual d and θ . Then:

$$\phi = \pi/2 - \theta/2$$

$$x = d/2 = r \cos \phi = r \sin \theta/2$$

$$r = x / (\sin \theta/2)$$

$$= (d/2) / (\sin \theta/2)$$