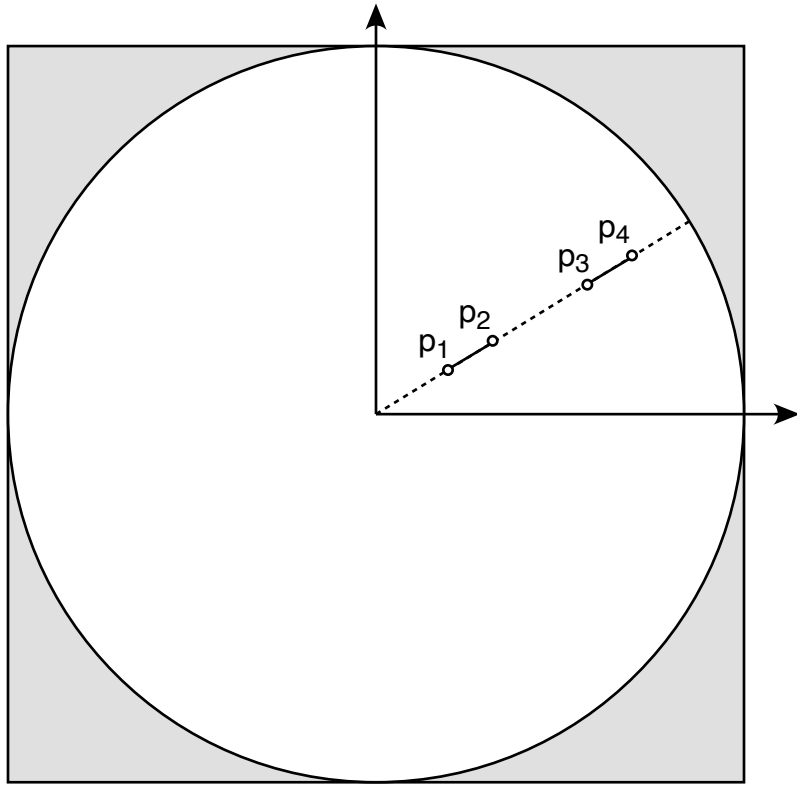


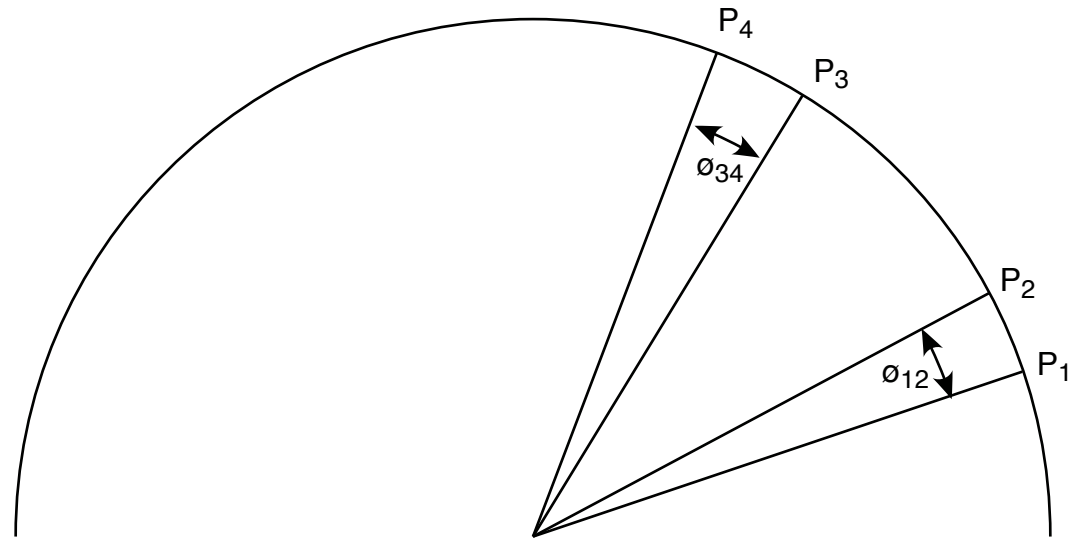
fish-eye image



$$\overline{p_1 p_2} = \overline{p_3 p_4}$$

cross section of world view

$P_{1,2,3,4}$ is the 3D vector corresponding to 2D point $p_{1,2,3,4}$



$$\theta_{12} = \theta_{34}$$