



$$r = \sqrt{\chi^2 + y^2}$$

$$\chi' = r\cos(\theta + \frac{1}{2}0^{\circ}) = r(\cos\theta \cos^{2}\theta^{\circ} - \sin\theta \sin^{2}\theta^{\circ})$$

$$= r(\frac{x}{r}\frac{\sqrt{3}}{2} - \frac{y}{r}\cdot\frac{1}{2})$$

$$= \frac{\sqrt{3}}{3}x - \frac{1}{2}y$$

mapping 
$$(\chi, y, z) \rightarrow (\chi', y', z')$$

Directly relate to the chord