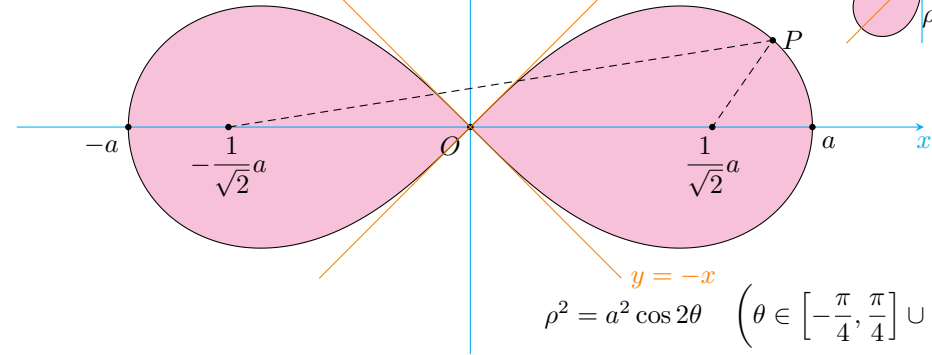


$$(x^2 + y^2)^2 = a^2 (x^2 - y^2) \quad (a > 0)$$



$$\rho^2 = a^2 \cos 2\theta \quad \left( \theta \in \left[ -\frac{\pi}{4}, \frac{\pi}{4} \right] \cup \left[ \frac{3\pi}{4}, \frac{5\pi}{4} \right] \right)$$

