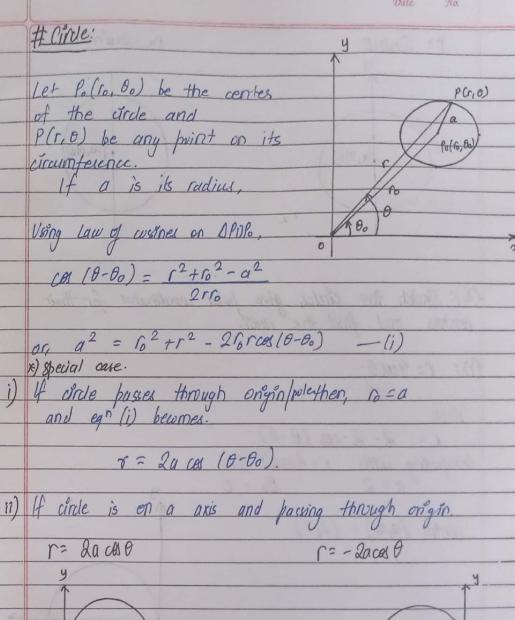


 $\angle R7!$ Rewrite the equation in cartesian form. $\theta_0 = \pi I_3 4$ $r_0 = \sqrt{2}$. We know, the eq of st. line in pular form is. or, $\alpha \cos(\pi/4) + y \sin(\pi/4) = \sqrt{2}$ $0 = \frac{\chi}{\sqrt{2}} + \frac{\chi}{\sqrt{2}} = \sqrt{2}$ on 2+4=2 of asked for three marks. or, Γ cos $\left(\theta - \overline{\mu}\right) = \sqrt{2}$ or Γ and θ -call + $\sin\theta \sin \theta = \sqrt{2}$ or, rousex 1 + raine = V2 OL COST + roin 0 = 2 We know $n = r\cos\theta$ and $y = r\sin\theta$: x+y = 2. is the reg = eq = ?.



(9,0)

