

Subject:

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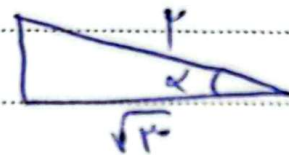
تکلیف الیوم

$$S_{\square} = \sin \theta \cdot x \cdot \mu a = \delta F \rightarrow a = \mu \sqrt{F} \quad 1$$

$$P_{\square} = \mu a = \boxed{\mu \cdot \sqrt{F}} \quad 5$$

$$\frac{1}{r} \times \mu \times v \times \sin A - \frac{1}{r} \times \epsilon \times v \times \sin A = \mu v \delta \quad 5$$

$$\sin A = \frac{1}{r}$$



$$\tan A = \boxed{\frac{\sqrt{r}}{\mu}} \quad 5$$

$$\frac{\sin \alpha}{\cos \alpha} = -\frac{\sin \alpha}{\cos \alpha} \rightarrow \sin \alpha \quad \mu$$

$$\frac{1}{\sqrt{\cos \alpha}} = \frac{\sin \alpha}{\cos \alpha} = \frac{1}{\cos \alpha} + \frac{\sin \alpha}{|\cos \alpha|} \quad 5$$

$$\rightarrow -\frac{\sin \alpha}{\cos \alpha} = \frac{\sin \alpha}{|\cos \alpha|} \rightarrow \cos \alpha \quad \boxed{\mu \frac{1}{\cos \alpha}}$$

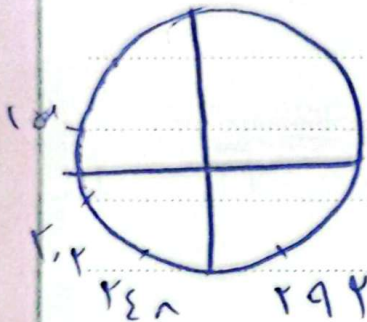
$$m = \frac{1,0}{r} = \frac{\mu}{\epsilon} \rightarrow \tan = -\frac{\mu}{\epsilon} \quad \mu$$

$$\tan \left( \frac{\pi}{r} - \alpha \right) = \cot \alpha = \boxed{-\frac{\mu}{\epsilon}} \quad 5$$

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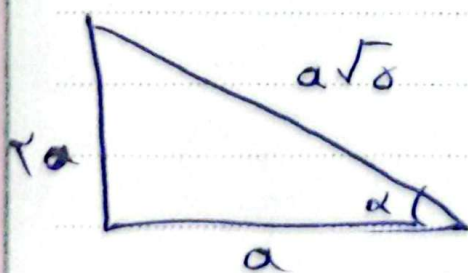


$$\frac{r \cos(\pi/2 + \alpha) - r \sin(\pi/2 + \alpha)}{\sin(\pi/2 + \alpha) - \cos(\pi/2 + \alpha)} = d$$

$$= \frac{-r \sin(\pi/2) - r \sin(\pi/2)}{-\sin(\pi/2) - \sin(\pi/2)} = \frac{-2 \sin \pi/2}{-2 \sin \pi/2} = d$$

$$\frac{\sin(\frac{\pi}{4} + \alpha) - \sin(\alpha - \frac{\pi}{4})}{|\tan \alpha - 1|} = \frac{\cos \alpha + \sin \alpha}{\frac{1}{\sqrt{2}}}$$

$$\frac{r}{\mu} - \frac{\sqrt{d}}{r} = \frac{r - \sqrt{d}}{\mu} \times \frac{\mu}{1} = \left[ \frac{1 - \sqrt{d}}{\mu} \right]$$



$$\cos \alpha = \frac{-a}{a\sqrt{2}}$$

$$= \frac{-\sqrt{2}}{2}$$

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$$\tan \phi_0 = \sqrt{\mu}$$

$$\frac{-\gamma m}{m^2 - 1} = \sqrt{\mu}$$

$$\sqrt{\mu} m^2 - \sqrt{\mu} + \gamma m = 0$$

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$$\frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{\epsilon + \epsilon x \sqrt{\mu} \sqrt{\mu}}}{\sqrt{\mu}}$$

$$\left( \frac{\epsilon \sqrt{\mu}}{\mu} \right)$$

$$0 < \frac{\pi}{\epsilon} - \alpha < \frac{\pi}{\gamma} \rightarrow 0 < \tan\left(\frac{\pi}{\epsilon} - \alpha\right)$$

$$0 < \frac{1 - m}{\gamma + m}$$

$$\frac{-\gamma}{-\gamma} + \frac{1}{\phi -}$$

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$$-1 < m < 1$$

$$\frac{-\sqrt{\mu} x - \frac{\sqrt{\mu}}{\gamma}}{+} + \frac{-\sqrt{\mu} + \frac{\sqrt{\mu}}{\gamma}}{-} = 0$$

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