

$$\frac{1}{|\cos \alpha|} \cdot \frac{\sin \alpha}{\cos \alpha} = \frac{1}{|\cos \alpha|} \cdot \frac{\sin \alpha}{|\cos \alpha|} \rightarrow \frac{\sin \alpha}{\cos \alpha} = \frac{\sin \alpha}{|\cos \alpha|} \quad (1)$$

$$\frac{\cos \alpha}{\sin \alpha} = \frac{\cos \alpha}{|\sin \alpha|} \rightarrow \sin \alpha > 0 \Rightarrow \boxed{\text{دائرة}} \quad (2)$$

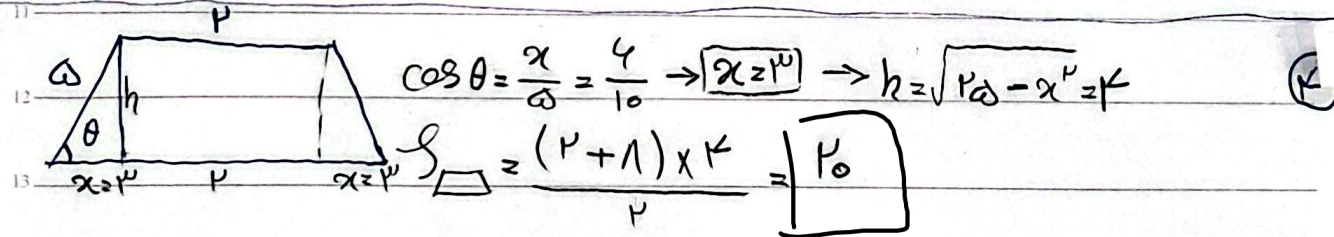
$$-\frac{\pi}{4} < \alpha < \frac{5\pi}{4} \rightarrow -\frac{1}{p} < \frac{m-1}{k} < 1 \rightarrow \boxed{-1 < m < 1} \quad (3)$$

$$\frac{\mu\pi}{k} < \alpha < \pi \quad \frac{1}{\sin \alpha \cos \alpha} = -\mu \quad (\sin \alpha + \cos \alpha)^\mu = \sin^\mu \alpha + \cos^\mu \alpha + \mu \sin \alpha \cos \alpha \quad (4)$$

$$\rightarrow 1 - \frac{\mu}{p} = \frac{1}{\mu} \rightarrow \sin \alpha + \cos \alpha = \pm \sqrt{\frac{1}{\mu}}$$

$$\Rightarrow \sin \alpha + \cos \alpha = -\frac{\sqrt{\mu}}{\mu} \quad \sin^\mu \alpha + \cos^\mu \alpha = (\sin \alpha + \cos \alpha)(\sin^\mu \alpha + \cos^\mu \alpha - \sin \alpha \cos \alpha)$$

$$= \left(-\frac{\sqrt{\mu}}{\mu}\right) \left(1 + \frac{1}{\mu}\right) = \boxed{-\frac{k\sqrt{\mu}}{9}} \quad (5)$$



$$\tan\left(\frac{\mu\pi}{p} + 1\alpha\right) \tan(-\pi + 1\alpha) - \sin(1\alpha) \cos\left(\frac{\mu\pi}{p} - 1\alpha\right) =$$

$$(-\cot 1\alpha)(\tan 1\alpha) - (\sin 1\alpha)(-\sin 1\alpha) = -1 + \sin^2 1\alpha = -\cos^2 1\alpha \quad (6)$$

$K = -1$

$$-\frac{\mu}{p} \left(\sin\left(\frac{\mu\pi}{p} - \mu\nu\right) - \cos(\pi - \mu\nu) \right) = +\frac{\mu}{p} \cos \mu\nu + \cos \mu\nu =$$

$$\frac{\cos \mu\nu \left(\frac{\mu + p}{p} \right)}{\cos \mu\nu} = \boxed{\frac{a}{p} = \mu/a}$$



Page: ()

SUBJECT:

Year: Month: Day:

$$14 \cos^{\frac{1}{14}}\left(\frac{\pi}{14}\right) \cos^{\frac{1}{4}}\left(\frac{\pi}{4}\right) \cos^{\frac{1}{P}}\left(\frac{\pi}{P}\right) \cos^{\frac{1}{\mu}}\left(\frac{\mu\pi}{\mu}\right) = \frac{\mu}{K} \times \frac{K\sqrt{\mu}}{K} = \frac{4 + \mu\sqrt{\mu}}{14}$$

$$1 - \sin \alpha = K + K \sin \alpha \rightarrow 2 \sin \alpha = -\mu \rightarrow \sin \alpha = -\frac{\mu}{2} \rightarrow \cos = -\frac{K}{2}$$

$$\tan \frac{\alpha}{P} = \frac{\sin \alpha}{1 + \cos \alpha} = \frac{-\frac{\mu}{2}}{1 + \left(-\frac{K}{2}\right)} = \mu$$

$$\frac{1}{\tan \frac{\theta}{P}} + \frac{1}{\tan \frac{\theta}{P}} = P \cot \theta \rightarrow K = P$$



$$\cos\left(\frac{\mu\pi}{K} + \alpha\right) = \cos \frac{\mu\pi}{K} \cos \alpha - \sin \frac{\mu\pi}{K} \sin \alpha = \left(-\frac{\sqrt{P}}{P}\right)\left(-\frac{V\sqrt{P}}{10}\right) - \left(\frac{\sqrt{P}}{P}\right)\left(\frac{\sqrt{P}}{10}\right) = \frac{V}{10} - \frac{1}{10} = \frac{0.4}{10}$$