

$$T = \left| \frac{\pi}{-r} \right|$$

$$\theta \Rightarrow \tan\left(\frac{\pi}{2}\right) = 1$$

$$\frac{\pi}{r} \times 1 \times \frac{1}{r} = \frac{\pi}{r}$$

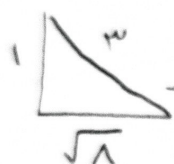
مگر صاف؟
سہجاً؟

$$\frac{r}{q} - \frac{r}{w} \sin \alpha - \frac{1}{r} \cos^2 \alpha = 0$$

$$19 - 2r \sin \alpha - \frac{9 \cos^2 \alpha}{4 \sin^2 - 9} = 0$$

$$\sin^2 + \cos^2 = 1$$

$$\sin^2 + 1 = -\cos^2$$



$$4 \sin^2 - 2r \sin + 1 = 0 \rightarrow \sin^2 - 2r \sin + 9w = 0$$

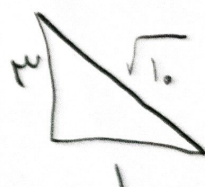
$$\tan = \frac{1}{\sqrt{1}} \rightarrow \tan = \frac{1}{1} \quad \sin \alpha = \frac{r}{q} = \frac{1}{w} \frac{r}{q} \times$$

$$1 + \frac{1}{1} = \left(\frac{9}{1} \right)$$

$$\log \frac{\sin \alpha}{-\cos \alpha} = \log w$$

$$\sin \alpha = -r \cos \alpha$$

$$\frac{\sin}{\cos} = \tan = -r$$



$$\frac{r}{\sqrt{1_0}} + \frac{1}{\sqrt{1_0}} = \frac{r}{\sqrt{1_0}} = \frac{r \sqrt{1_0}}{1_0} = \frac{2 \sqrt{1_0}}{2}$$

$$2 \sin^2 \theta + \cos^2 \theta = \frac{r}{a}$$

$$\sin^2 = \frac{1 - \cos^2 \theta}{2}$$

$$\frac{r + r \cos^2 \theta}{r} + \frac{1 + \cos^2 \theta}{2} = \frac{r \cos^2 \theta}{r} = \frac{r}{a}$$

$$\sin^2 = \frac{1 + \cos^2 \theta - r \cos^2 \theta}{r}$$

$$\cos^2 \theta = \frac{1 + \cos^2 \theta}{r}$$

$$\frac{r + \cos^2 \theta}{r} = \frac{r}{a} \rightarrow \frac{19}{a} - r = \frac{1}{a} \rightarrow \cos^2 \theta = \frac{1}{\sqrt{a}}$$

$$\sin^2 \theta = 1 - \frac{1}{\sqrt{a}} = \frac{\sqrt{a} - 1}{\sqrt{a}} = \frac{a - \sqrt{a}}{1_0}$$

$$\cos^2 \theta = \left(\frac{1 + \frac{1}{\sqrt{a}}}{r} \right)^2 = \left(\frac{a + \sqrt{a}}{1_0} \right)^2 = \frac{r + 1 \cdot \sqrt{a}}{1_0}$$

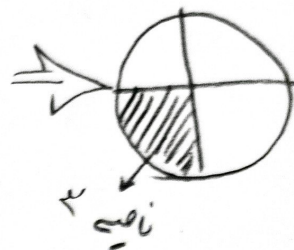
$$r \sin \theta + \sin \cos \theta < . \quad \text{①} \quad \text{موجبات}$$

$$\sin(\theta + \cos \theta) < .$$

$$\boxed{\sin < .}$$

$$\frac{\sin^2 \theta - 1}{\cos \theta} > .$$

$$\boxed{\cos \theta < .}$$



$$\frac{r}{\sin \theta} + \frac{r}{\cos \theta} = 0$$

$$\frac{r \cos \theta + r \sin \theta}{\sin \cos \theta} = 0 \quad r \cos \theta = -r \sin \theta$$

$$\frac{\sin \theta}{\cos \theta} = \frac{r}{-r} = \tan$$

$$\tan + \cot = \frac{-r}{r} + \frac{-r}{-r} = \frac{-8 + -9}{-4} = \boxed{-\frac{17}{4}}$$

$$\frac{\sqrt{1 + \cos \theta}}{\cos \theta + \cos \theta} = \frac{\sqrt{2 \cos \theta}}{\cos \theta + \cos \theta}$$

$$\cos \theta = r \cos^2 \theta - 1 \quad \checkmark$$

$$\cos \theta = r \cos^2 \theta - 1$$

موجبات

$$\frac{(1 - r \sin^2 \alpha)}{\cos \beta_0} \frac{(r \cos \beta_0 - 1)}{\cos \gamma_0} \frac{(1 - \tan^2 \gamma_0)}{1 + \tan^2 \gamma_0}$$

(1)

$$\frac{\cancel{\sin \beta_0}}{\sin \beta_0} \cos \beta_0 \quad \frac{\cancel{1}}{\sin \beta_0} \times \cos \gamma_0 \quad \frac{\cancel{1}}{\sin \beta_0} \frac{\sin \beta_0 \cos \beta_0}{\sin \beta_0}$$

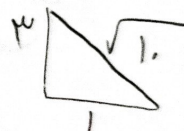
$$\frac{\frac{1}{\lambda} \cos \beta_0}{\sin \beta_0} = \frac{\frac{1}{\lambda} \sin \beta_0}{\sin \beta_0} = \left(\frac{1}{\lambda} \right)$$

$$\sin \alpha + r \cos \alpha = r$$

(9)

$$a \sin \alpha + b \cos \alpha = \frac{a}{|a|} \sqrt{a^2 + b^2} \sin(\alpha + \alpha) \quad \tan \alpha = \frac{b}{a} = r$$

$$r = \sqrt{1_0} \sin(\alpha + \alpha)$$



$$\sqrt{1_0} \sin \alpha \times \frac{1}{\sqrt{1_0}} + \cos \alpha \times \frac{r}{\sqrt{1_0}}$$

~ (1) is correct

$$\frac{a}{\sin \alpha} = \frac{b}{\sin \beta} = \frac{c}{\sin \gamma} \quad \sin C \sin \beta = \cos^2 \frac{A}{\gamma}$$

(1)

$$\frac{a^2}{(\sin \alpha)^2} = \frac{c b}{\sin \beta \times \sin \gamma} \quad \sin(\alpha + \beta) = \sin(\pi - \alpha - \beta)$$

$$\rightarrow \hat{C} = \hat{\beta}$$

$$11_0 - 1 \text{ r r} = r \gamma$$