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$$\tan\left(2\pi + \frac{2\pi}{\epsilon}\right) + \sin\left(2\pi + \frac{2\pi}{\epsilon}\right) + \cos\left(2\pi + \frac{2\pi}{\epsilon}\right) \Rightarrow -1 + \left(\frac{-\sqrt{2}}{2} + \frac{-\sqrt{2}}{2}\right) = -\frac{1}{2} \quad \text{اف} \quad -1$$

$$\tan\left(2\pi + \frac{2\pi}{\epsilon}\right) + \sin\left(2\pi + \frac{2\pi}{\epsilon}\right) + \cos\left(2\pi + \frac{2\pi}{\epsilon}\right) \Rightarrow \frac{-1}{\sqrt{2}} \times \frac{-\sqrt{2}}{2} - \frac{1}{2} = 0 \quad \text{ب} \quad -$$

$$\frac{\cos}{\sin} = \frac{f}{s} \Rightarrow \cos = f \sin \Rightarrow \frac{12 \sin - \sin}{\cos \sin} = \frac{11 \sin}{\cos \sin} = \frac{11}{\cos} = 12/2 \quad -2$$

$$\sin^2 + \cos^2 = 1 \Rightarrow \cos^2 = 1 \Rightarrow \cos = \frac{1}{\sqrt{2}} \quad -3$$

$$\cos\left(2\pi + \frac{2\pi}{\epsilon} + \alpha\right) = \frac{1}{\sqrt{2}} + \cos \alpha \quad \text{اف} \quad -4$$

$$1/\sqrt{2} + \cos \alpha = 1 \Rightarrow \cos \alpha = \frac{1 - 1/\sqrt{2}}{1}$$

$$\sin\left(2\pi + \frac{2\pi}{\epsilon} + \alpha\right) = \left(\frac{2\pi}{\epsilon} + \alpha\right) = -\frac{\sqrt{2}}{2} + \sin \alpha \Rightarrow \cos \sin^2 = 1 \Rightarrow \sin \alpha = \frac{1}{\sqrt{2}} \quad \text{ب} \quad -$$

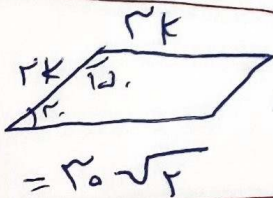
$$\frac{-\sqrt{2}}{2} + \frac{1}{\sqrt{2}} \Rightarrow \frac{-2\sqrt{2} + \sqrt{2}}{2} = \frac{-\sqrt{2}}{2}$$

$$12 \sin^2 + 1 - \sin^2 = \frac{f}{s} \Rightarrow \sin^2 = \frac{1}{12} \Rightarrow \sin = \frac{1}{\sqrt{12}} \Rightarrow \frac{1}{\sqrt{12}} + \cos^2 = 1 \Rightarrow \cos^2 = \frac{11}{12} \Rightarrow \frac{1}{\sqrt{12}} \Rightarrow \tan^2 = \frac{1}{11} \quad -5$$

$$\frac{1}{\sqrt{12}} \sin \alpha \times \sqrt{12} \times 9 = f/d$$

$$\sin \alpha = \frac{\sqrt{12}}{9} \quad a: 120, 90 \Rightarrow \frac{120}{90} = \frac{4}{3} \quad -6$$

$$0 < \alpha < 180$$



$$\Rightarrow \frac{1}{2} \times 12 \times 9 \times \sin \alpha = 12 \Rightarrow 12 \sin \alpha = 2 \Rightarrow \sin \alpha = \frac{1}{6} \Rightarrow \alpha = \arcsin\left(\frac{1}{6}\right) \quad -7$$

$$S_{ABC} = S_{AED} = \frac{1}{2} \times \Delta \times V \times \sin A = \left(\frac{1}{2} \times V \times f \times \sin A\right) = 1/V \Delta \Rightarrow \frac{120 \sin A}{2} = \frac{12 \sin A}{2} \Rightarrow \sin A = \frac{1}{6} \Rightarrow A = \arcsin\left(\frac{1}{6}\right) \Rightarrow \tan \alpha = \frac{1}{\sqrt{11}} \quad -8$$

$$S_{ABC} = r \sin \angle B \Rightarrow \frac{1}{r} \times BC \times AB \times \sin \angle B = r \times \frac{1}{r} \times BM \times BN \times \sin \angle B$$

$$\frac{\omega}{r} \angle B = BC \rightarrow \frac{\omega}{r} \angle B$$

$$\Rightarrow \frac{\omega}{r} \times AB = r \times BM \Rightarrow \angle AB = 9B \text{ m}$$

$$\angle B = BM + AM \Rightarrow$$

$$\omega BM + \omega AM = 9BM$$

$$\Rightarrow \frac{BM}{AM} = \frac{1}{r}$$

$$\left| \frac{1}{\cos} \right| - \frac{\sin}{\cos} = \frac{1+\sin}{1-\cos} \Rightarrow \cos \angle C \quad \left. \begin{array}{l} \frac{1}{\cos} - \frac{\sin}{\cos} = \frac{1+\sin}{1-\cos} \\ \frac{|\sin|}{\cos} = -\tan \Rightarrow \sin < 0 \end{array} \right\} \underline{\underline{r \approx 0}}$$