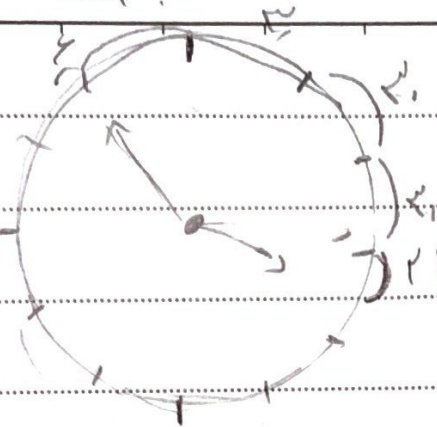


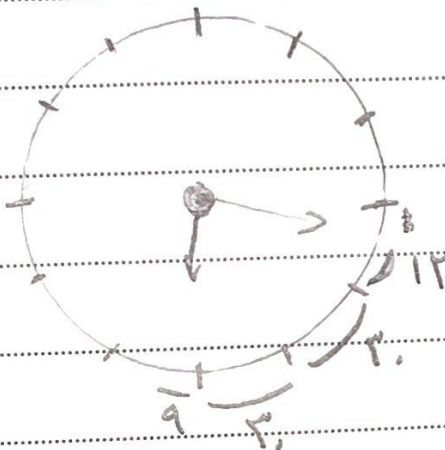


الف 1

$$\gamma = |\omega \times m - r_0 \cdot h| \quad \text{بـ 8}$$

$$= |\omega \times dE - r_0 \times r| = r_0 v$$

$$r_0 v - r_0 v = 1 \Delta r$$



الف 2

$$\gamma = |\omega \times m - r_0 \cdot h| \quad \text{بـ 8}$$

$$\gamma = |\omega \times h - r_0 \times \gamma|$$

$$= 11$$

$$S = \frac{\omega}{r} R^2 = \frac{\pi}{\frac{r}{\epsilon}} \times d = \frac{\pi}{\frac{r}{\epsilon}} \times d = \text{الف 3}$$

$$\frac{W \times \epsilon}{\epsilon}$$



$$Am = \frac{\pi}{\epsilon} \times r = \frac{\pi}{\epsilon} \quad \text{بـ 8}$$

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$$\frac{9 + \frac{\pi}{\epsilon}}{\epsilon}$$

$$S = \frac{1}{r} \times a \times b \times \sin A$$

ii) - E

$$\frac{1}{r} \times a \times 1 \times \frac{\sqrt{r}}{r} = 1 \cdot \sqrt{r}$$

$$BC^2 = AB^2 + AC^2 - 2AB \times AC \times \cos A$$

$$BC^2 = r^2 + E^2 - 2r \times 1 \times \cos E =$$

$$1r^2 - 1 \times \frac{1}{r} = 1r^2 - E = E \Rightarrow BC = \sqrt{}$$

$$r + 1 + a = \boxed{r}$$

$$A + B + C = 180^\circ$$

$$A = 180^\circ - A$$

$$BC = a = 1a \quad C = AB = 1a$$

$$b = CA = 1a\sqrt{r}$$

$$\frac{a}{\sin A} = \frac{1a}{\sin 180^\circ} = \frac{1a}{1} = 1a$$

$$\frac{b}{\sin \beta} = \frac{r}{\sin \beta} \quad \sin \beta = \frac{b}{r} = \frac{1 \text{ d } \sqrt{r}}{r} = \frac{\sqrt{r}}{r}$$

$$\Rightarrow \hat{\beta} = \hat{\alpha} = \frac{\pi}{2}$$

$$C = 1 \text{ d } - \hat{\alpha} = 1 \text{ d } - \left[\frac{1 \text{ d } - \text{Rad}}{1 \text{ d } - \pi} \right]$$

$$\text{Rad} = \left[\frac{V \pi}{k} \right]$$

$$\tan(\pi - \alpha) = -\tan \alpha \quad \tan(\pi - \alpha)$$

$$\tan(\pi + \alpha) = \tan \alpha = -\tan \alpha$$

$$\tan(\pi + \alpha) = \tan \alpha$$

$$\frac{-\tan \alpha + \tan \alpha}{-\tan \alpha - \tan \alpha} = \frac{\tan \alpha}{-\tan \alpha} = -1$$

$$\tan \frac{\pi}{k} = a \quad \frac{\pi}{k}$$

$$\frac{\pi}{18} = 1^\circ$$

$$\tan(90-1^\circ) = \cot 1^\circ = \frac{1}{a}$$

$$\tan 1^\circ = \tan(90+1^\circ) = -\cot 1^\circ = -\frac{1}{a}$$

$$\tan(110-1^\circ) - \tan 1^\circ = -a$$

$$\tan 100^\circ = \tan(90+10^\circ) = \cot 1^\circ$$

$$= \frac{1}{a}$$

$$\frac{1 \times \frac{1}{a} - \frac{1}{a}}{1 \times a - \frac{1}{a}} = \frac{1}{a}$$

$$-a - \frac{1}{a}$$

$$= \frac{1}{a^2 + 1}$$

$$\frac{\sin n}{\cos n}$$

$$+ \frac{\cos n}{\cos n}$$

$$\frac{\sin n}{\cos n}$$

$$- \frac{\cos n}{\cos n}$$

$$\frac{\sin n}{\cos n}$$

$$- \frac{\cos n}{\cos n}$$

$$\frac{\sin n}{\cos n}$$

$$+ \frac{\cos n}{\cos n}$$

$$\frac{\tan n + 1}{\tan n - 1}$$

$$\frac{\tan n + 1}{\tan n - 1} =$$

$$\frac{\tan n - 1}{\tan n + 1}$$

$$\frac{\tan n + 1}{\tan n - 1}$$

$$\frac{\tan^n + 1 + \sqrt{\tan^n + \tan^n + 1} - \sqrt{\tan^n}}{\tan^n - 1}$$

$$\frac{\sqrt{\tan^n + 1}}{\tan^n - 1} = \sqrt{1 - \sin^n}$$

$$\sqrt{\tan^n + 1} = \sqrt{\tan^n - 1}$$

$$\boxed{\tan^n = 1}$$

$$\sin^n = 1 - \cos^n$$

$$1 - \cos^n = \sqrt{\cos^n + 1} = \sqrt{1 - \cos^n}$$

$$1 - \cos^n + \sqrt{\cos^n + 1} - 1 = \cos^n$$

$$\frac{1 - \sqrt{\cos^n + 1}}{\cos^n} = 1$$

$$1 - \sqrt{\cos^n + 1} = \cos^n$$

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$$1 = \sqrt{\cos^n + 1}$$

$$\cos^n = 0$$

P

Date :

Subject :

$$\tan \theta = \frac{\sin \theta}{\cos \theta} = 1 - \frac{v}{c} = \frac{\Delta}{c} \quad \text{a.b.f}$$

$$\frac{\Delta}{c} = \sqrt{\frac{\Delta}{c}}$$

$$4 \cos \theta = \cos \theta$$

$$\ominus \rightarrow \text{GOE} \quad 1 + \frac{\cos \theta}{c} = \cos \theta$$

$$\cos \theta = \frac{\sqrt{1 + \frac{v}{c}}}{1} \quad \leftarrow \quad \sqrt{\frac{1 + \frac{v}{c}}{c}} = \cos \theta$$

$$\sin (4V/A)$$

$$\cos \theta \rightarrow \frac{-v}{c}$$

$$1 - \frac{\cos \theta}{c} = \sin \theta$$

$$1 + \frac{v}{c} = \sin \theta = \sqrt{\frac{1 + \frac{v}{c}}{c}}$$

$$\sin \theta = \frac{\sqrt{1 + \frac{v}{c}}}{c}$$

PARAMOUNT