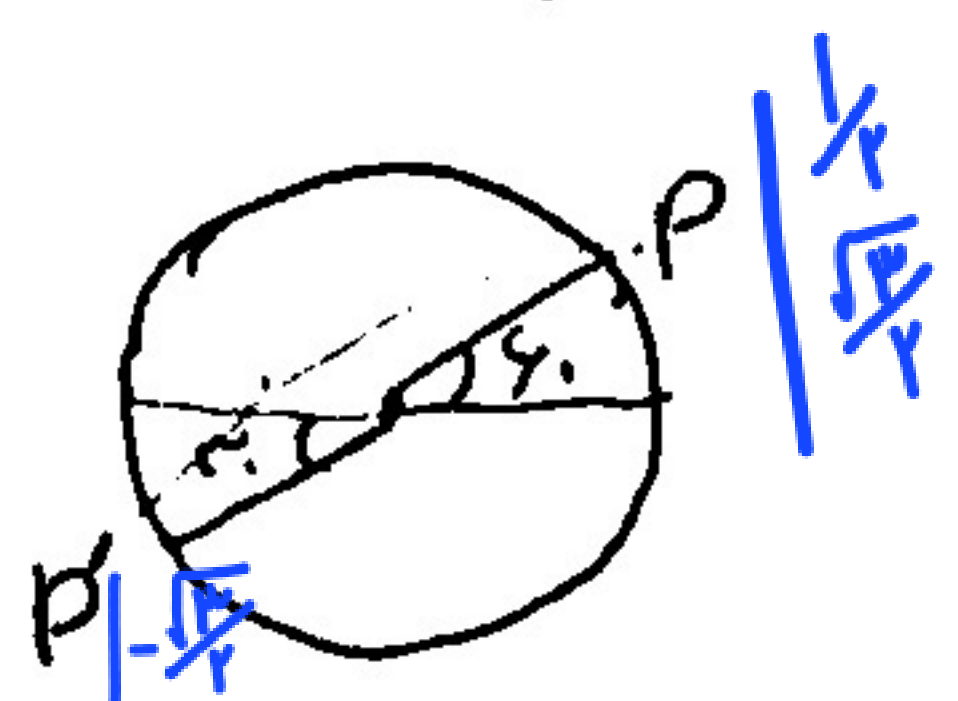


W/r

19
اسیجی اسلایڈ پر دوازم
A پر

$$\frac{-a \times \frac{1}{r} - b \times \frac{1}{r}}{-a \times \frac{1}{r} + \frac{b}{r}} = \frac{-1}{\sqrt{r}} \rightarrow \frac{a\sqrt{r} + b\sqrt{r}}{-a + b} = \frac{1}{\sqrt{r}} \rightarrow \Sigma a = -\Sigma b \rightarrow -\Sigma \frac{1}{a}$$



$$\frac{1}{r} = \cos \alpha \rightarrow \alpha = \pi$$

$$OP = 1$$

$$OP' = 1$$

$$PP' = \sqrt{\left(\frac{1}{r} - \left(-\frac{1}{r}\right)\right)^2 + \left(\frac{1}{r} - \left(-\frac{1}{r}\right)\right)^2} = \sqrt{\frac{4}{r^2}} = \frac{2}{r}$$



$$\cos = 1 + 1 + \sqrt{r + \sqrt{r}} = \sqrt{r + \sqrt{r}}$$

$$\frac{PP'}{\sin \alpha} = \frac{1}{1/r} \rightarrow PP' = r \sin \alpha$$

$$\cos = \sqrt{r} + 1 + \sqrt{r + \sqrt{r}}$$

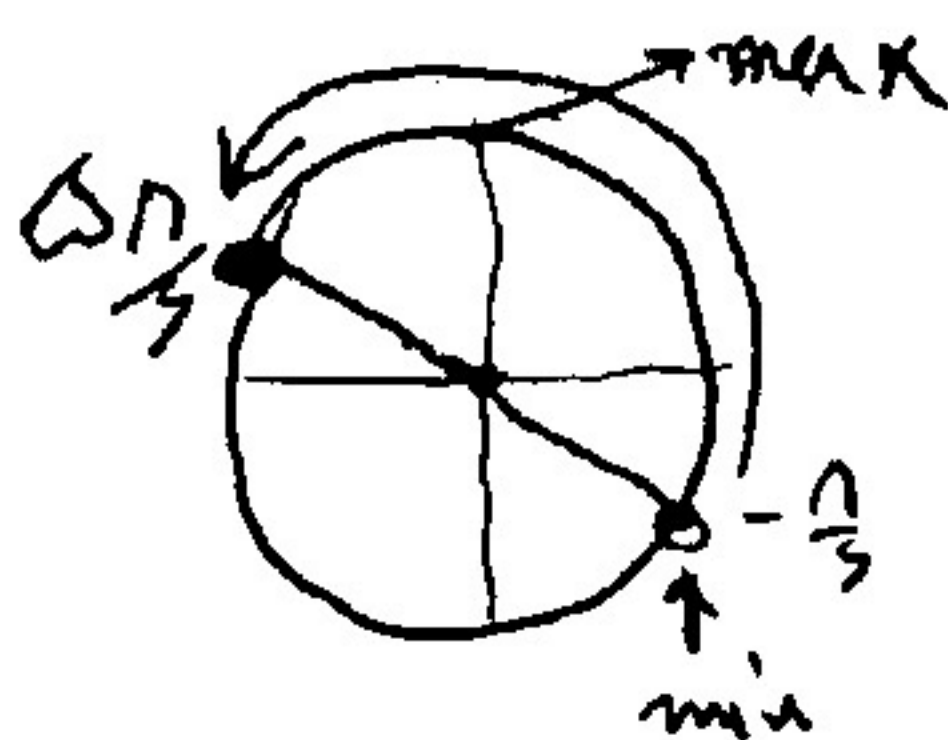
$$\frac{\pi}{9} = \pi \rightarrow \frac{\pi}{9} = \frac{\pi}{9} = \frac{\pi}{9} \rightarrow \pi = \frac{\pi}{9} = \Sigma \min$$

$$\frac{r}{h} = \frac{r'}{h} \rightarrow r = r'$$

$$|\omega/\omega \times \pi - \pi_0 \times \pi| = \pi_0$$

$$\pi = \frac{11.}{\omega/\omega} = \pi_0 \min$$

تبدیل فرکانس از زاویه عقرب ساعت به فرکانس دورانی



$$-\frac{1}{r} < \sin \alpha \leq 1 \rightarrow -\frac{1}{r} < \frac{m-r}{\Delta} \leq 1 \rightarrow \frac{1}{r} < m \leq r$$

$$\frac{\sin(\alpha + 1/\alpha) + k \cos(\pi/\alpha - 1/\alpha)}{\cos(1/\alpha - 1/\alpha) + r \sin(1/\alpha + 1/\alpha)} = \frac{+\cos 1/\alpha - k \sin 1/\alpha}{-\cos 1/\alpha - r \sin 1/\alpha}$$

$$\frac{1 - \tan 1/\alpha \cdot k}{-1 - r \tan 1/\alpha} \xrightarrow{\tan 1/\alpha = 1/k} \frac{1 - \frac{k}{\Sigma}}{-1 - r \times \frac{1}{k}} = r \rightarrow k = \frac{r}{\Sigma}$$

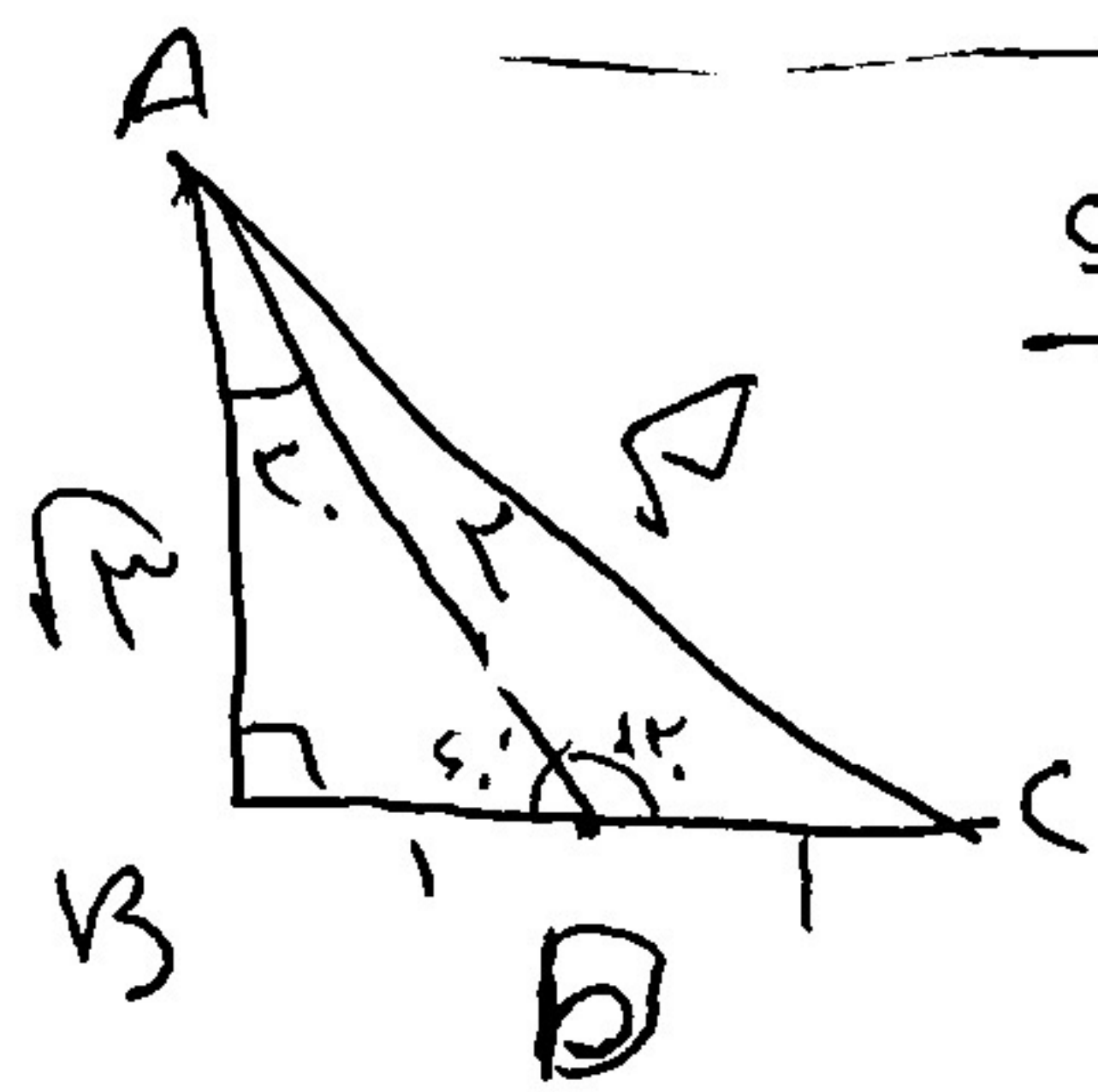
$$A = \frac{+C \cot n + C \tan n}{+ \tan n - r \tan n}$$

پیدا کردن

$$\cos n = \frac{1}{\sqrt{r}} \rightarrow \tan n = \frac{\sqrt{r}}{1} \rightarrow \cot n = \frac{1}{\sqrt{r}}$$

$$A = \frac{-\frac{r}{\sqrt{r}}}{+\frac{r}{1}} = -\frac{r}{\sqrt{r}} = -\frac{1}{\sqrt{r}}$$

$L = \alpha r \rightarrow$
 $S \propto r^2$
 $10 \times \frac{\pi}{10} \times r_A = r_B \times \frac{9\pi}{10} \rightarrow \frac{r_A}{r_B} = \frac{9}{10}$
 $\frac{S_A}{S_B} = \frac{9}{10}$ ✓

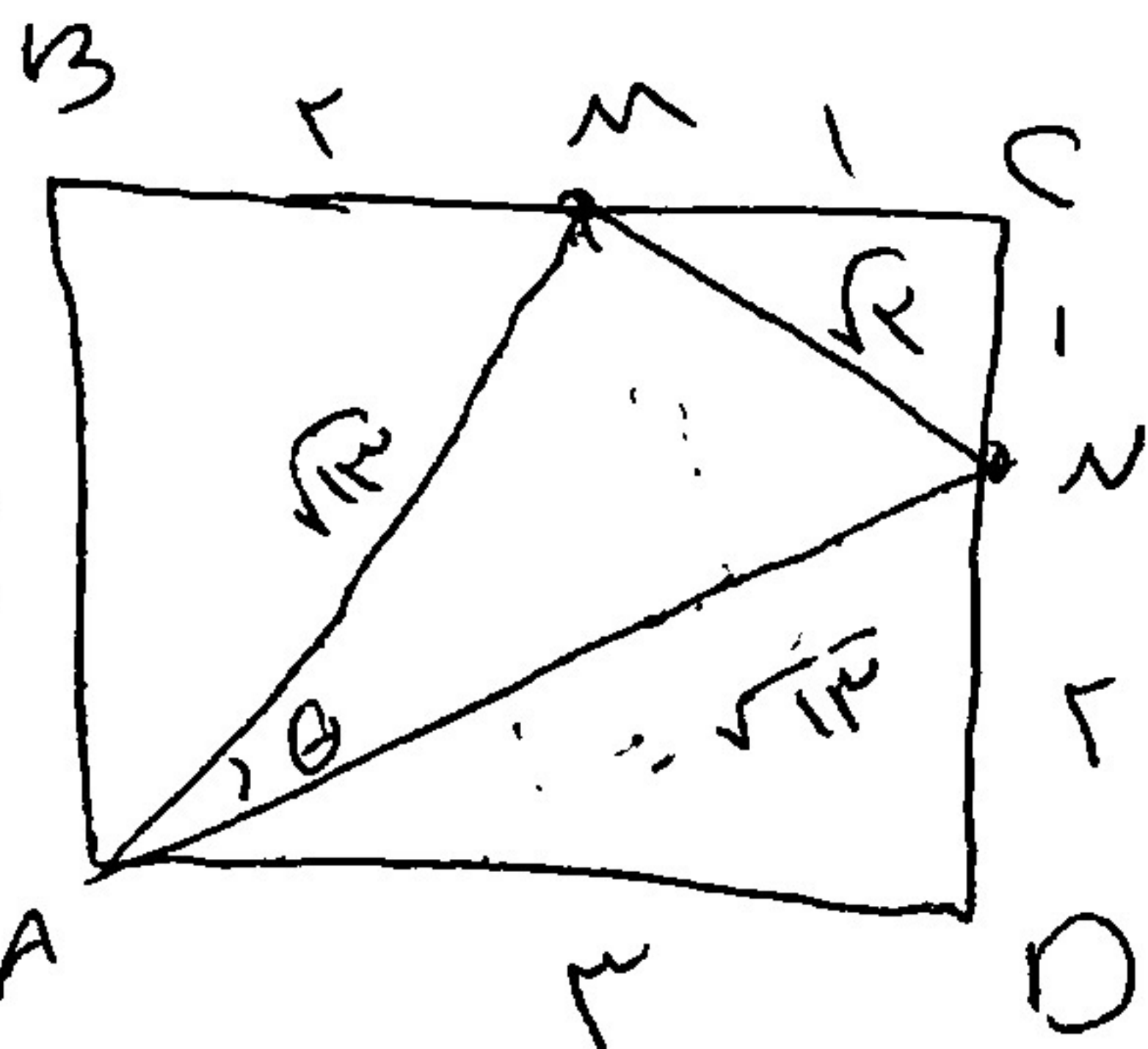


$\sin 30^\circ = \frac{1}{2}$
 $AD = r$

$\sqrt{r} = \frac{1}{2} \times \sqrt{r} \times BC \rightarrow BC = r$

$\frac{\sin C}{r} = \frac{\sin A}{\sqrt{r}} \rightarrow \sin C = \frac{\sqrt{r}}{r}$

$\sin C = \frac{\sqrt{r}}{r} \Rightarrow \sin C \cos C = \frac{\sqrt{r}}{r} \times \frac{r}{\sqrt{r}} = \frac{\sqrt{r}}{r}$



$MN = \sqrt{r}$
 $AM = \sqrt{r} = AN$

$\sqrt{r} + \sqrt{r} = r \rightarrow \sqrt{r} = \frac{r}{2}$

$1^2 + 1^2 - 2 \times \sqrt{r} \times \sqrt{r} \times \cos \theta = r \rightarrow \cos \theta = \frac{1}{2}$
 $\theta = 60^\circ$ ✓