



$$\sin \alpha \neq \cos \alpha$$

$$\left( \begin{array}{l} \sin \alpha \\ \cos \alpha \end{array} \right) \Rightarrow \begin{array}{l} \cos \alpha \\ \sin \alpha \end{array}$$

سین و کسین

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$$\sin^2 \alpha + \cos^2 \alpha = 1 \Rightarrow \cos^2 \alpha = 1 - \sin^2 \alpha \Rightarrow \cos \alpha = \pm \sqrt{1 - \sin^2 \alpha}$$

$$= \frac{-1 \pm \sqrt{1 - 1}}{\sqrt{0}} = \frac{-1 \pm 0}{\sqrt{0}} = \frac{-1}{\sqrt{0}}$$

$$+ \frac{1}{\sqrt{0}}$$

$$\text{مغزلی} \Rightarrow \tan \alpha = \sqrt{r} = \frac{\sin}{\cos}$$

$$\frac{-r}{r^2 - 1} = \sqrt{r} \Rightarrow \sqrt{r} = \sqrt{r} \cdot r = r$$

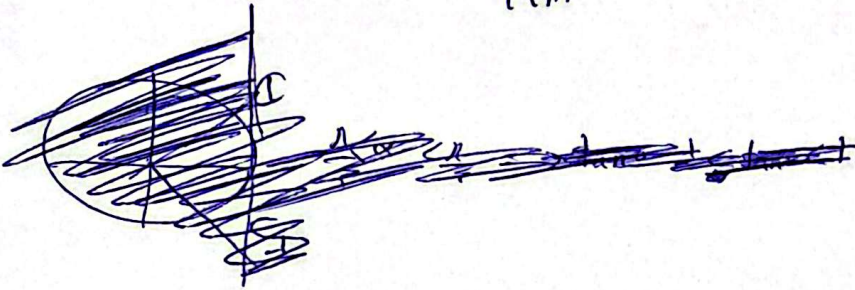
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$$\sqrt{r} \cdot r + r = \sqrt{r} \cdot r$$

$$\text{مغزلی} = \frac{\sqrt{r}}{|a|} = \frac{\sqrt{r^2 - r^2}}{\sqrt{r}} = \frac{r}{\sqrt{r}}$$

$$\tan\left(\frac{1}{r} - \alpha\right) = \frac{1 - m}{r + m} \quad \tan\left(\frac{1}{r} - \frac{1}{r}\right) = \tan(0) = 0$$

$$\tan\left(\frac{1}{r} - \left(-\frac{1}{r}\right)\right) = \tan\left(\frac{2}{r}\right) = \frac{2}{r}$$



$$\frac{1 - m}{r + m} > 0$$

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

$$-r < m < 1$$

$$(\tan \alpha) (\cos \alpha) + \tan(\alpha) \times \sin(\alpha) = -\frac{\sqrt{r}}{r} \times -\frac{\sqrt{r}}{r} + \frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r} = \frac{r}{r^2} + \frac{r}{r^2} = \frac{2r}{r^2} = \frac{2}{r}$$

