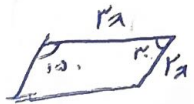


B هر دو مساوی است



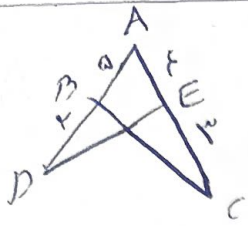
$$\omega F = \frac{1}{r} \times r_a \times r_a$$

$$r_a \times \omega = r_a^2$$

$$r_a = 1/r$$

$$r = \sqrt{1/r}$$

$$1/r = 1/\sqrt{1/r} = r \cdot \sqrt{r}$$



$$|S_{ABC} - S_{ADE}| = l \cdot \omega$$

$$\frac{1}{r} (\sin A \cdot r \cdot \omega - \sin A \cdot r \cdot \omega)$$

$$(r \sin A - r \sin A)$$

$$\frac{1}{r} \sin A = l \cdot \omega \Rightarrow \sin A = \frac{l}{r}$$

$$A = r^\circ \Rightarrow \tan A = \frac{\sqrt{r}}{r}$$

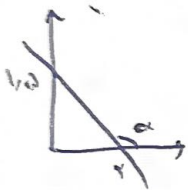
$$\frac{|\sin \alpha|}{\cos \alpha} = -\frac{1}{\cot \alpha} \Rightarrow \frac{1}{\cos \alpha} = \tan \alpha = \frac{1 + \sin \alpha}{|\cos \alpha|}$$

$$\sin \alpha = -$$

$$\tan \alpha = -$$

$$\cos \alpha = -$$

سوی  
کامی



$$\tan(\pi - \alpha) = \frac{y}{x}$$

$$\tan \alpha = -\frac{y}{x}$$

$$\tan\left(\frac{\pi}{r} - \alpha\right) = +\cot \alpha = \left(\frac{r}{y}\right)$$

$$\frac{r \cos(r\alpha) - r \sin(l\alpha)}{\sin(r\alpha) - \cos(r\alpha)}$$

$$\frac{r \cos\left(\frac{\pi}{r} - r\alpha\right) - r \sin\left(\frac{\pi}{r} - r\alpha\right)}{\sin\left(\frac{\pi}{r} + r\alpha\right) - \cos\left(\frac{\pi}{r} + r\alpha\right)}$$

$$= \frac{-r \sin(r\alpha) - r \sin(r\alpha)}{-\sin(r\alpha) - \sin(r\alpha)}$$

$$= \frac{r \sin(r\alpha)}{r \sin(r\alpha)} = \left(\frac{r}{r}\right)$$

$$\cos \alpha = \frac{y}{r}$$

$$\sin \alpha = -\frac{\sqrt{a}}{r}$$

$$\tan \alpha = -\frac{\sqrt{a}}{r}$$

$$\frac{\sin\left(\frac{\pi}{r} + \alpha\right) - \sin(\alpha - \frac{\pi}{r})}{|\tan \alpha - 1|} = \frac{\cos(\alpha) + \sin(\alpha)}{1}$$

$$= \frac{\frac{y}{r} - \frac{\sqrt{a}}{r}}{\frac{1}{r}}$$

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

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

$$\omega \cos^2 \alpha = 1$$

$$\cos^2 \alpha = \frac{1}{\omega}$$

$$\cos \alpha = -\frac{\sqrt{\omega}}{\omega}$$

$$\sin \alpha = -\frac{\sqrt{\omega}}{\omega}$$

$$Ym x + (m^y - 1) y = Y^y$$

$$\frac{Ym}{m^y - 1} = Y^y$$

$$\frac{Y^y}{Y^y} = \frac{Y^y}{Y^y} \quad \text{✓} \quad \textcircled{2} \quad \text{f.d.}$$

$$\sqrt{Y} m^y - \sqrt{Y} = Ym$$

$$\sqrt{Y} m^y - Ym - \sqrt{Y} = 0$$

$$\frac{Y^y - Y^y}{Y^y} = \frac{Y^y - Y^y}{Y^y}$$

$$\frac{Y^y - Y^y}{Y^y} = \frac{Y^y - Y^y}{Y^y} = \textcircled{Y^y}$$

$$\frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{Y^y - Y^y}}{Y^y}$$

$$\tan\left(\frac{M}{F} - \alpha\right) = \frac{1-m}{Ym}$$

$$-\frac{M}{F} < \alpha < \frac{M}{F}$$

$$\frac{1-m}{Ym} < 0$$

$$\frac{-Y}{-1} + \frac{1}{-1}$$

$$-Ym < 1 \quad \text{✓}$$

$\textcircled{2} \quad (9)$

$$\tan(\alpha) \cos(\alpha) + \tan(\beta) \sin(\beta) = 0 \quad \text{✓}$$

$$-\frac{Y}{Y} = -\frac{Y}{Y}$$

$$\tan(\beta) \sin(\beta)$$

$$-\frac{Y}{Y} = \frac{Y}{Y} = -\frac{Y}{Y}$$

$$\frac{Y}{Y} - \frac{Y}{Y} = 0$$

$\textcircled{2} \quad (11)$