

$$\frac{1}{\sqrt{\cos^2 \alpha}} - \frac{1}{\cot \alpha} = \frac{1 - \sin \alpha}{|\cos \alpha|}$$

(1)

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

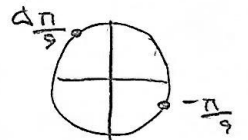
$$- \cos \alpha = - \cos \alpha = - \cos \alpha$$

$$\sqrt{1 - \cos^2 \alpha} \sqrt{\sin^2 \alpha} |\sin \alpha|$$

$$-\frac{\pi}{12} < m < \frac{\Delta \pi}{12} \rightarrow -\frac{\pi}{9} < \Gamma m < \frac{\Delta \pi}{9} \rightarrow -\frac{1}{2} < \sin \Gamma m \leq 1$$

(2)

$$-\frac{1}{2} < \frac{m-1}{\epsilon} \leq 1 \times \epsilon \rightarrow -1 < m-1 \leq \epsilon \rightarrow -1 < m \leq \Delta$$



$$\tan m + \cot m = \frac{r}{\sin m} = -r \rightarrow \sin m \cos m = -\frac{r}{2}$$

(3)

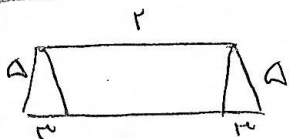
$$A = \frac{1}{\sin^2 m + \cos^2 m} \rightarrow \frac{1}{A} = \sin^2 m + \cos^2 m + r \sin m \cos m$$

$$1 - r \sin m \cos m + r \sin m \cos m \rightarrow 1 - r \left(\frac{1}{9}\right) + r \left(-\frac{1}{12}\right) = \frac{14}{12} = \frac{1}{A}$$

$$A = \pm \frac{r \sqrt{r}}{\epsilon} = \pm 0,2 \sqrt{\Delta} \sqrt{r}$$

$$\frac{r \pi}{\epsilon} < m < \pi \rightarrow \sin m > 0 \quad |\cos m| < 1$$

$$\sin^2 m + \cos^2 m < 0$$



$$\frac{r}{1} = \frac{m}{\Delta} \rightarrow m = r$$

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

$$S = \frac{1 \times \epsilon}{r} = 14$$

$$\tan r \Delta = \tan(r \Delta + 1 \Delta) = -\cot 1 \Delta$$

$$\tan(-1 \Delta) = -\tan 1 \Delta = -\tan(1 \Delta - 1 \Delta) = \tan 1 \Delta$$

$$\cos r \Delta = \cos(r \Delta - 1 \Delta) = \sin 1 \Delta$$

$$\sin 1 \Delta = \sin(1 \Delta + 1 \Delta) = \sin 1 \Delta$$

$$-\cot 1 \Delta \times \tan 1 \Delta - \sin 1 \Delta \times \sin 1 \Delta = -1 + \sin^2 1 \Delta$$

$$-(1 - \sin^2 1 \Delta) = -\cos^2 1 \Delta \rightarrow r = 1$$

(4)

$$\frac{r}{r} \cos \theta + \cos \theta = r \Delta \cos \theta \quad (9)$$

$$\sqrt{r} \times -\frac{\sqrt{r}}{r} \times -\cos \theta - \sqrt{r} \times \frac{\sqrt{r}}{r} \times -\cos \theta = \sqrt{r} \Delta$$

$$P\left(\frac{\pi}{4}\right) = 14 \cos^r\left(\frac{\pi}{14}\right) \cos^r\left(\frac{\pi}{7}\right) \cos^r\left(\frac{\pi}{14}\right) \cos^r\left(\frac{\pi}{7}\right) \rightarrow \cos^r(\pi - \frac{\pi}{7}) = \cos^r\left(\frac{\pi}{7}\right) \quad (10)$$

$$P\left(\frac{\pi}{4}\right) = 14 \cos^r\left(\frac{\pi}{14}\right) \times \frac{r}{\epsilon} \times \frac{1}{\epsilon} \times \frac{1}{\epsilon} > \frac{r}{\epsilon} \cos^r\left(\frac{\pi}{14}\right) = \frac{r}{\epsilon} \times \frac{r+\sqrt{r}}{\epsilon} = \frac{r+r\sqrt{r}}{14}$$

$$\cos^r \frac{\pi}{14} = \frac{1 + \cos \frac{\pi}{7}}{2} = \frac{1 + \frac{r}{r}}{2} = \frac{r+\sqrt{r}}{\epsilon}$$

$$\frac{1 - \sin m}{1 + \sin m} = \epsilon \rightarrow \epsilon + \epsilon \sin m = 1 - \sin m \rightarrow \Delta \sin m = -r \rightarrow \sin m = -\frac{r}{\Delta} \quad (11)$$

$$\sin m = \frac{r \tan m}{1 + \tan^2 m} \rightarrow \sin m = \frac{r \tan \frac{\pi}{r}}{1 + \tan^2 \frac{\pi}{r}} = -\frac{r}{\Delta} \rightarrow -1 \cdot \tan \frac{\pi}{r} = \frac{r}{1 + \tan^2 \frac{\pi}{r}}$$

$$r \tan^2 \frac{\pi}{r} + 1 \cdot \tan \frac{\pi}{r} + r = 0 \quad \tan \frac{\pi}{r} = \frac{-1 \pm \sqrt{1 - 4r^2}}{2r}$$

$-r$
OO

$-\frac{1}{r}$
OOE

$$\frac{\sin \theta + 1 + \cos \theta}{1 - \cos \theta} = \frac{r \sin \frac{\theta}{r} + \cos \frac{\theta}{r}}{r \sin^2 \frac{\theta}{r}} + \frac{r \cos^2 \frac{\theta}{r}}{r \sin \frac{\theta}{r} \cdot \cos \frac{\theta}{r}} = \frac{\cos \frac{\theta}{r}}{\sin \frac{\theta}{r}} + \frac{\cos \frac{\theta}{r}}{\sin \frac{\theta}{r}} = 2 \cot \frac{\theta}{r} \quad (12)$$

$$\frac{\sqrt{r}}{r} + \frac{r}{\sqrt{r}} = \sqrt{r} + \sqrt{r} = 2\sqrt{r} \quad \leftarrow \text{سینکس } \frac{\pi}{r} = \theta \text{ سے } 2\sqrt{r}$$

$$\cos\left(r\pi + \frac{r\pi}{\epsilon} \cdot x\right) \rightarrow \cos\left(\frac{r\pi}{\epsilon} + \alpha\right) \rightarrow \sin \alpha = \frac{\sqrt{r}}{10} \quad (13)$$