

$$\frac{r}{\sin x} = \frac{-r}{\cos x} \rightarrow \frac{r}{\sin x} = \frac{r}{-r} \sin x, \quad \frac{\cos x}{\sin x} = -\frac{r}{r} \rightarrow \frac{1}{\tan x} = -\frac{r}{r} = \left(\frac{-1}{1}\right) \quad (4)$$

(2)

$$(\sin x \cos x - r \sin x) \text{ و } (\cos x \sin x - r \cos x) \quad (1)$$

$$r \cos x - \sin x - (\cos x - r \sin x) \text{ و } (\cos x - r \sin x - \sin x - r \cos x)$$

$$\frac{\cos x - r \sin x}{\cos x + r \sin x} = \frac{\cos x}{\sin x} \rightarrow \sin x \cos x = \cos x \sin x$$

$$2 \cos x - 2 \sin x - 1 \cos x \quad 1 \cos x - 1 \cos x + r \sin x \quad (9)$$

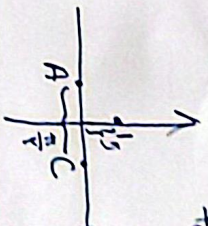
$$2 \cos x - 2 \sin x - 1 \cos x \quad \downarrow$$

$$\cos 1 \sin 1 \cos 1 = \cos 1 \frac{1}{r}$$

$$A = r y$$

(1)

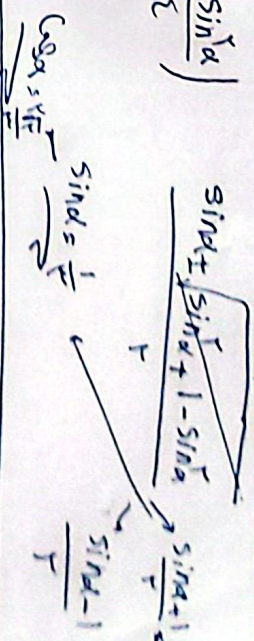
$$\tan\left(\frac{\pi}{2}\right) = 1$$



$$\frac{1}{r} \frac{\pi}{2} = \frac{\pi}{2} = \sin x$$

$$x' - (\sin x) x - (1 - \sin x)$$

$$\frac{1}{\cos x} = \frac{1}{\frac{1}{r}} = \left(\frac{r}{1}\right)$$



$$\log \frac{\sin x}{\cos x} = \log r \rightarrow \sin x \cos x - \sin x + r \cos x = \frac{1}{r}$$

$$\sin x - \cos x = -r \cos x - \cos x - \frac{1}{r} \cos x$$

$$\pm \frac{1}{r}$$

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

$$r \sin + \sin x \quad \rightarrow \quad \frac{\sin(r + x)}{r \sin r} \rightarrow \frac{r + \cos}{r \sin} \rightarrow \frac{r \sin r}{r \sin r}$$

$$\frac{r \sin + \sin x}{r (1 - \cos^2)} \rightarrow \frac{r \sin + \sin x}{r \sin^2}$$

$$\sin 2 \sin \frac{1}{\cos} - \frac{1}{\cos} r \cos \frac{\sin^2}{\cos} \rightarrow -\cos x - \cos x$$

معمولی