

$$\theta = \frac{\pi}{2}$$

$$\theta = \cos^{-1} \frac{x}{r}$$

$$\theta = \pi - \sin^{-1} \frac{y}{r}$$

$$\theta = \pi + \tan^{-1} \frac{y}{x}$$

$$\theta = \cos^{-1} \frac{x}{r}$$

$$\theta = \sin^{-1} \frac{y}{r}$$

$$\theta = \tan^{-1} \frac{y}{x}$$

$$\theta = \pi$$

$$\theta = 0$$

$$\theta = -\cos^{-1} \frac{x}{r}$$

$$\theta = \pi - \sin^{-1} \frac{y}{r}$$

$$\theta = \pi + \tan^{-1} \frac{y}{x}$$

$$\theta = -\cos^{-1} \frac{x}{r}$$

$$\theta = \sin^{-1} \frac{y}{r}$$

$$\theta = \tan^{-1} \frac{y}{x}$$

$$\theta = -\frac{\pi}{2}$$