

$$r \cos \alpha = \omega r \Rightarrow \alpha = \sqrt{r} \quad r(A \times B) = r \times \omega \alpha = r_0 F$$

$$\left. \begin{array}{l} \frac{r \omega}{r} \sin A \\ \frac{r}{r} \sin A \end{array} \right\} \Rightarrow \frac{1}{r} \sin A = 1/\sqrt{r} \Rightarrow A = \alpha \Rightarrow \tan A = \frac{\sqrt{r}}{r}$$

$$\frac{\sin}{|\cos|} = \frac{\sin}{-\cos} \Rightarrow \cos < 0 \quad \left. \begin{array}{l} \Rightarrow \cos < 0 \\ \Rightarrow \sin < 0 \end{array} \right\} \rightarrow \text{3rd quadrant}$$

$$\frac{-r \sin \alpha - r \sin \alpha}{-\sin \alpha - \sin \alpha} = \frac{0}{1}$$

$$\frac{r - \omega}{\frac{r}{\frac{1}{r}}} = \frac{1 - \omega \sqrt{r}}{r}$$

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

$$\sqrt{r} = \frac{-r m}{m r - 1} \Rightarrow \frac{\sqrt{r}}{|m|} = \frac{r}{r} = r \frac{\sqrt{r}}{r}$$

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

$$-r(rm+1) < r$$

$$-r m < 1$$

$$-\sqrt{r} \times -\frac{r}{r} + -\sqrt{r} \times \frac{\sqrt{r}}{r} = 0$$