

14, 15

$$\frac{b}{a} = -r$$

$$\Rightarrow \frac{\sqrt{r}}{r} a + \frac{r\sqrt{r}}{r} a = \frac{\sqrt{r}}{r} b - \frac{r\sqrt{r}}{r} b \Rightarrow \frac{\sqrt{r}}{r} a = -\frac{r\sqrt{r}}{r} b \rightarrow \frac{b}{a} = -\frac{1}{r}$$

1.0

$$y_0 - y_1 = 1 \text{ d.}^{\circ}$$



$$\Rightarrow \sqrt{1 + \frac{1}{r} \times \frac{1}{r} \times \frac{\sqrt{r}}{r}} \longrightarrow \sqrt{r + \frac{\sqrt{r}}{r}} \longrightarrow r\rho = r + \sqrt{r + \sqrt{r}}$$

⑧

1

$$\frac{\gamma}{\gamma} h \rightarrow f. \min \Rightarrow \gamma : \infty + 0 : f. = \gamma : f. \quad \checkmark$$

8

mu

$$H = 3$$

$$|\Delta_1 \Delta m - 9.1| = r. \Rightarrow \Delta_1 \Delta m - 9.0 = r. \longrightarrow m = \frac{11.0}{\Delta_1 \Delta} = r.$$

Q

$\gamma_{\min}$ ✓

$$\rightarrow -\frac{1}{r} < \sin x \leq 1 \rightarrow -\frac{1}{r} < \frac{m-r}{d} \leq 1$$

110

$$\Rightarrow -\frac{d}{r} \leq m - r \leq d \rightarrow \frac{1}{r} \leq m \leq n$$

$$\frac{r \cos \alpha - k \sin \alpha}{- \cos \alpha - r \sin \alpha} = r \div \cos \alpha \frac{1 - k \tan \alpha}{-1 - r \tan \alpha} = r$$

$$r = \frac{1 - \frac{k}{r}}{-1/\alpha} \Rightarrow -f \alpha = +1 - \frac{k}{r} \Rightarrow k = r$$

(r)

$$\frac{\cot \alpha + \cot \alpha}{\tan \alpha - r \tan \alpha} \cdot \frac{r \cot \alpha}{- \tan \alpha} \rightarrow \frac{1 - \cos \alpha}{1 + \cos \alpha} = r \Rightarrow \cos \alpha = -\frac{1}{r}$$

 $\rightarrow \sin \alpha = \frac{1}{r} \rightarrow \cot \alpha = -\frac{1}{r\sqrt{1 - \frac{1}{r^2}}} \rightarrow \tan \alpha = -r\sqrt{1 - \frac{1}{r^2}}$

$$\frac{\frac{1}{r\sqrt{1 - \frac{1}{r^2}}}}{\frac{1}{r\sqrt{1 - \frac{1}{r^2}}}} = \frac{r}{r\sqrt{1 - \frac{1}{r^2}}} = \frac{1}{\sqrt{1 - \frac{1}{r^2}}} \quad \cot \alpha = -\frac{1}{\sqrt{1 - \frac{1}{r^2}}} \quad (10)$$

$$I_A \frac{r\pi}{10} = R_B \frac{q\pi}{1} \Rightarrow \frac{R_A}{R_B} = \frac{q}{4} = \frac{r}{r}$$

$$\frac{1 \cdot 1}{1 \cdot 1} = \frac{0}{1} \Rightarrow \frac{q}{1} = 0 \quad \frac{S_A}{S_B} = \frac{q}{r} \quad (r)$$



$$A_1 = r \Rightarrow AD = r \quad BD = r$$

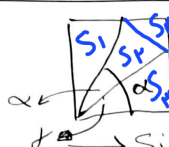
$$AB = \sqrt{r} \rightarrow AB(BD + DC) = \sqrt{r} \rightarrow DC = 1$$

$$\sin C = \frac{\sqrt{r}}{1}, \cos C = \frac{r}{1} \rightarrow \sin r = r \sin C \cos C$$

$$BC = \frac{r\sqrt{r}}{\sqrt{r}} \rightarrow \sin r = \frac{r\sqrt{r}}{\sqrt{r}} \quad (r)$$

$$\sin \alpha = \frac{r}{\sqrt{1+r}} \quad \cos \alpha = \frac{r}{\sqrt{1+r}}$$

$$\sin \theta = \frac{r}{\sqrt{1+r}} \quad \cos \theta = \frac{r}{\sqrt{1+r}}$$



$$AM = AN = \sqrt{r} \quad (1)$$

$$\sin \theta = \frac{r}{\sqrt{1+r}}$$

$$\sin \theta = \sin(\alpha - \theta) = \sin \alpha \cos \theta - \cos \alpha \sin \theta = \frac{r}{\sqrt{1+r}} \times \frac{r}{\sqrt{1+r}} - \frac{r}{\sqrt{1+r}} \times \frac{r}{\sqrt{1+r}}$$

$$S_{pr} = S_1 + S_r + S_r + S_r$$

$$q = r + S_r + r + \frac{1}{r}$$

$$S_r = r \alpha$$

$$r \alpha = \frac{1}{r} \times \sqrt{1+r} \times \sqrt{1+r} \sin \theta \rightarrow \sin \theta = \frac{r}{1+r}$$