

مراجعة

NOTE

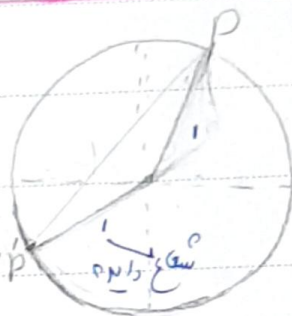
DATE

SUBJECT

$$\frac{-a\sqrt{\frac{1}{r}} + b - \frac{\sqrt{r}}{r}}{a - \frac{1}{r} + b\frac{1}{r}} = \frac{-\frac{\sqrt{r}}{r}(a+b)}{\frac{1}{r}(b-a)} = \frac{-\frac{1}{r}}{-\frac{\sqrt{r}}{r}} = \frac{1}{\sqrt{r}}$$

$$\frac{\sqrt{r}(a+b)}{(b-a)} = \frac{1}{\sqrt{r}} \quad ra + rb = b - a \quad rb = -ra \quad \frac{-r}{r} = \frac{b}{a} = -r$$

$P = \frac{1}{r}$ $P = q_0$ $P = \frac{1}{r_0} \times \frac{1}{\cos \theta}$
 $P = q_0 \rightarrow \frac{1}{r_0} \rightarrow \frac{1}{r_0} - \frac{1}{r_0} = -1 \rightarrow \frac{1}{r_0} \rightarrow \frac{1}{r_0}$
 $P = \frac{1}{r} \quad P' = \frac{1}{r'}$



$$1 + \sqrt{r} \sqrt{\frac{1}{r}} \rightarrow PP' \quad OP = \sqrt{\left(\frac{1}{r}\right)^2 + \left(\frac{\sqrt{r}}{r}\right)^2} = \frac{1}{r} + \frac{r}{r} = 1$$

$$1 + 1 + 1 + \sqrt{r} \sqrt{\frac{1}{r}}$$

$$\frac{q_{0min}}{q_{min}} = \frac{\pi}{14} \quad q_{min} = \frac{\pi}{9} \quad \text{مع } P, K_0$$

$$\alpha = \left| \frac{11M}{r} - \frac{11H}{r} \right| = r_0 \quad \frac{11M}{r} - q_0 = r_0 \quad M = r_0$$

$$q_0 - \frac{11M}{r} = r_0 \quad V_0 \times \frac{r}{11} = M = 11 \sqrt{r}$$

$$-\frac{1}{r} < \sin \alpha < 1 \quad \frac{1}{r} < \frac{m-r}{\omega} < 1 \quad -\frac{\omega}{r} < m - r < \omega$$

$$\frac{1}{r} < m < 1$$

$$\frac{\sin\left(\frac{m}{r} + \omega\right) + K \cos\left(\frac{m}{r} - \omega\right)}{\cos\left(\frac{m}{r} - \omega\right) + K \sin\left(\frac{m}{r} + \omega\right)} = \frac{\cos \omega - K \sin \omega}{-\cos \omega - K \sin \omega} = \frac{\tan \omega - K}{-\tan \omega - K} = \mu$$

$$- \sin \omega - \mu = \sin \omega - K \quad K = \mu$$

$$\frac{+ \cot \theta + \cot \theta}{+ \tan \theta - r \tan \theta} = \frac{r \cot \theta}{- \tan \theta} = -r \times \frac{\cos \theta}{\sin \theta} \times \frac{\cos \theta}{\sin \theta} = -r \left(\frac{\cos \theta}{\sin \theta} \right)^2 = -\frac{1}{r}$$

$$\cos^m \theta = 1 - \sin^2 \theta \quad \sin^m \theta = \frac{1}{a}$$

$$\frac{I_{0A}}{I_{0B}} = \frac{g_A}{g_B} = \frac{I_{0A} \tau_A}{I_{0B} \tau_B} = \frac{\mu_H}{\omega} \frac{S_A}{S_B} = \frac{\mu_H V_A^p}{\mu_H V_B^p} = \left(\frac{V_A}{V_B} \right)^p \quad -1$$

$$\frac{\omega_H}{\omega} \times r_A = \frac{q_H}{I_0} \times r_B \quad \frac{r_A}{r_B} = \frac{\mu}{r} \left(\frac{r_A}{r_B} \right)^P = \frac{q}{r}$$

$$AB \times BC = r\sqrt{3}$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} \quad \frac{1}{p} = \frac{1}{b} \quad b = p$$

$$A/B = \sqrt{(P)^2 + (1)^2} = \sqrt{W}$$

$$\sqrt{a} \times BC = 4\sqrt{13} \quad BC = 4\sqrt{13}$$

$$AC = \sqrt{(\sqrt{2})^2 + \left(\frac{\sqrt{2}}{\sqrt{2}}\right)^2} = \sqrt{2} + \frac{1}{\sqrt{2}} = \sqrt{\frac{5}{2}}$$

