

کتابخانه

$$\text{w2) } \frac{\sqrt{\lambda}}{r} = \frac{\sqrt{\mu}}{r}$$

$$\text{falsch } \frac{\partial \pi}{\partial q} = -\frac{1}{\sqrt{q}}$$

$$a_n = \frac{1}{r} + b_n \frac{1}{r}$$

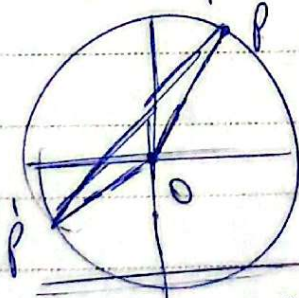
$$\rightarrow \frac{1}{1} (a+b) \pm \frac{1}{1} (-a, b) \pm (a_1 - b_2) \quad \underline{b_1 - a_2}$$

$$\Rightarrow \frac{b}{a} \pm \frac{-r \pm (-r)}{a}$$

$$y_2 \sqrt{1 - \frac{1}{\epsilon^2}} \sqrt{\frac{\epsilon}{\epsilon_0}} \quad \text{opp}' \rightarrow \text{op}'_0, \text{op}'_1, \text{op}'_2, \dots, \frac{\sqrt{\epsilon_0} \sqrt{\epsilon}}{r} \dots$$

$$= \frac{2 \cdot \sqrt{x} \cdot \sqrt{y}}{r} = 2P' \cdot \sqrt{(x_P - x_{P'})^2 + (y_P - y_{P'})^2}$$

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



$$D = \frac{V_0}{g} \approx 5$$

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16 Sept 2010

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$$| \sin \theta - \sin \phi | \rightarrow | \sin \theta - \sin \phi | \rightarrow \dots \quad m = 0 \quad \checkmark$$

جواب (3) کے لئے دیکھو

$$\frac{1}{r} \cos \theta \leq 1 \Rightarrow -\frac{1}{r} \leq \frac{m-r}{r} \leq 1 \Rightarrow 1 - \frac{m-r}{r} \leq 0$$

$$\frac{1}{r} \cos \theta \leq 1 \Rightarrow \dots \quad \checkmark$$

$$\sin(90^\circ + \theta) \cos \theta \cos(45^\circ - \theta) = -\sin \theta \quad 4$$

$$\cos(45^\circ) \cos(135^\circ - \theta) = -\cos \theta \quad \sin(135^\circ - \theta) = \sin \theta$$

$$\frac{\cos \theta \cos(135^\circ - \theta)}{-\cos \theta \cos \theta} \rightarrow \frac{1 - k \tan \theta}{-1 - k \tan \theta} = \frac{1 - 0.707k}{-1 - 0.707k} = \frac{1 - 0.707k}{-1.707k}$$

$$\dots \Rightarrow k = 2 \quad \checkmark$$

$$\frac{1 - \cos x}{1 + \cos x} \rightarrow 1 - \cos x = 1 + \cos x \rightarrow \cos x = -1 \rightarrow 1 - \cos x = \frac{1}{r} \quad \checkmark$$

$$\sin^2 \theta \cos^2 \theta = 1 \Rightarrow \sin^2 \theta = \frac{1}{r} \Rightarrow \sin \theta = \frac{\sqrt{r}}{r}$$

$$\frac{\cot \theta + \cot \theta}{\tan \theta - \tan \theta} = \frac{r \cot \theta}{-\tan \theta} \Rightarrow \tan \theta = \frac{r \sqrt{r}}{r} = \sqrt{r} \quad \checkmark$$

$$\Rightarrow \cot \theta = \frac{1}{\sqrt{r}} \Rightarrow \frac{r \cot \theta}{r \sqrt{r}} = \frac{1}{\sqrt{r}} \quad \checkmark$$

$$\frac{\log A}{\log B} = \frac{r_A}{r_B}$$

$$\frac{r_A}{r_B} = \frac{r_A}{r_B} \cdot \frac{r_B}{r_B} \rightarrow r_A = \frac{r_A}{r_B} \cdot r_B = A$$

$$\frac{r_A}{r_B} = \frac{r_A}{r_B} \cdot \frac{r_B}{r_B} = \frac{r_A}{r_B}$$

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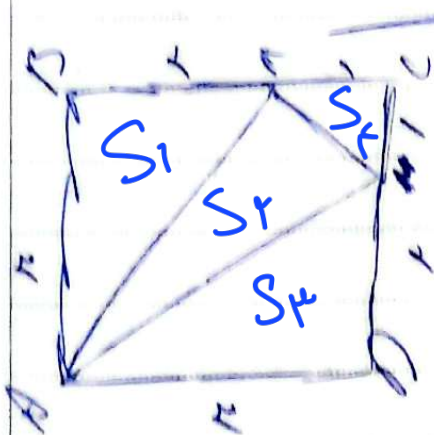
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PCO

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