

$$\tan\left(\alpha + \frac{\pi}{6}\right) = 1 \rightarrow B(1)$$

$$T = \frac{R}{\mu} \rightarrow A \text{ و } C \quad SAB_C = \frac{1}{\epsilon} \times 1 \times \frac{R}{\epsilon} = \frac{R}{\epsilon}$$

$$\frac{\epsilon}{q} - \frac{1}{\mu} \sin \alpha - \frac{1}{\epsilon} \cos \alpha = 0 \rightarrow \frac{\epsilon}{q} - \frac{1}{\epsilon} \sin \alpha - \frac{1}{\epsilon} + \frac{1}{\epsilon} \sin \alpha = 0 \quad 1 + \left(\frac{1}{\mu}\right)T = \frac{q}{\lambda}$$

$$15 - 2\epsilon \sin \alpha - q + q \sin \alpha = 0 \rightarrow q \sin \alpha - 2\epsilon \sin \alpha + 1 = 0 \quad \left\{ \frac{\epsilon}{q} = \frac{1}{\epsilon} = \sin \alpha \right\}$$

$$\log \frac{\sin \alpha}{-\cos \alpha} = \log 2 \rightarrow \tan \alpha = -2$$

$$\frac{2}{\sqrt{10}} + \frac{1}{\sqrt{10}} = \frac{\epsilon \sqrt{10}}{10}$$

$$d \sin \alpha - d \sin \alpha + 1 = \frac{\Delta \sqrt{d^2 - 1}}{1} \rightarrow \sin \alpha = \frac{d - \sqrt{d^2 - 1}}{1}$$

$$\delta + \epsilon - \delta + 1 = 0$$

$$\sin^2 \theta + \cos^2 \theta = \frac{\epsilon}{\delta} \rightarrow (1 - \cos^2 \theta) + \cos^2 \theta = \frac{\epsilon}{\delta} \rightarrow \cos^2 \theta - \cos^2 \theta + 1 = \frac{\epsilon}{\delta}$$

$$\cos^2 \theta - 1 + \sin^2 \theta + 1 = \frac{\epsilon}{\delta} \rightarrow \cos^2 \theta + \sin^2 \theta = \frac{\epsilon}{\delta}$$

$$\sin(\pi + \alpha) \rightarrow \sin \alpha$$

$$2 - 2 \cos \alpha$$

مقدار مثبت

$$\frac{\sin \alpha - 1}{\cos \alpha} \rightarrow \cos \alpha$$

نامعلوم



$$\frac{r \cos + v \sin}{\sin \cos} = \dots \rightarrow r \cos + v \sin = 0 \rightarrow \tan = \frac{-r}{v}$$

$$\frac{-r}{v} - \frac{v}{r} = \frac{-1}{\frac{r}{v}} \quad \checkmark$$

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$$\frac{\sqrt{1 + \cos \epsilon}}{r \sin \left(\frac{d + H}{r} \right) \cos \left(\frac{d - l}{r} \right)} = \frac{\sqrt{r} \cos \tau}{r \sin \tau \cos \tau} = \sqrt{r} \quad \checkmark$$

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$$1 - r \sin^2 = \cos^2$$

$$r \cos^2 = \cos^2$$

$$\frac{1 - \tan^2}{1 + \tan^2} = \cos^2$$

$$\frac{\sin \epsilon}{\sin \lambda} \times \cos \epsilon \times \cos \tau \times \cos \epsilon = \frac{1}{n} \tan \lambda$$

$$\frac{1}{n} \times \frac{\sin \lambda}{\sin \epsilon} = \frac{\frac{1}{n} \cos \epsilon}{\sin \epsilon} = \frac{1}{n} \cot \epsilon$$

1, v, d

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$$* \sin^2 = (r - v \cos)^2 \rightarrow 1 - \cos^2 = r^2 - 1 r \cos + v^2 \cos^2$$

$$1 - \cos^2 - 1 r \cos + v^2 \cos^2 = 0$$

$$* d (r \cos^2 - 1) - 1 r \cos = (1 - \cos^2 - 1 r \cos) - d = -d$$

$$1 - \left(\frac{1 + \frac{v^2}{r}}{r} \right) - 1 r \cos + v^2 = d \cos^2 - 1 r \cos = -d$$

1, v, d

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$$\sin B \sin C = \frac{1}{r} (\cos(B-C) - \cos(B+C))$$

$$v \tau + v \tau + A = 1$$

$$A = v \tau^2$$

$$\frac{1}{r} (\cos(B-C) + \cos A) = \frac{1 + \cos A}{r} \rightarrow \cos(B-C) = 1 \rightarrow B-C=0$$

$$B = C$$

$$C = v \tau^2$$

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