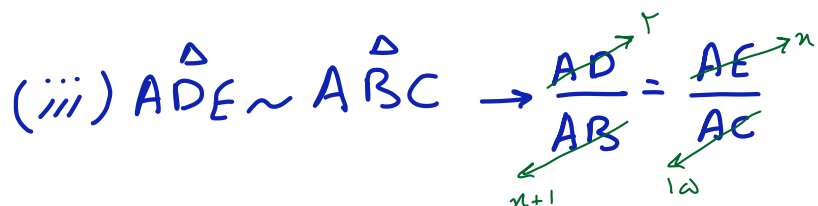


$$AC^r = 1n^r + 9n^r = 10n^r \rightarrow AC = \sqrt[n]{10} \sqrt[n]{r}$$

$$\rightarrow \frac{AF}{w \cdot \sqrt{r}} = \frac{1}{F} \rightarrow AF = \frac{r \cdot \sqrt{r}}{F}$$

$$\rightarrow \frac{Ef}{n\sqrt{I_0}} = \frac{1}{f} \rightarrow Ef = \frac{n\sqrt{I_0}}{f}$$

$$\Rightarrow \frac{EF}{AF} = \frac{\frac{\pi\sqrt{10}}{\kappa}}{\frac{\pi\sqrt{r}}{\kappa}} = \left[\frac{\sqrt{10}}{r} \right]$$



$$\rightarrow \mu_0 = \mu + n$$

$$x^T + x - r_0 = 0$$

$$(n+4)(n-5) = 0$$

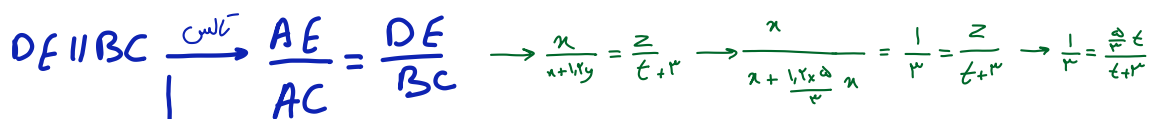
$$x = -4 \quad \bar{u} \bar{v} \dot{x}$$

$$x = \omega$$

$$\frac{AE}{AC} = \frac{AD}{AB} = \frac{DE}{BC} \rightarrow \frac{1}{2} = \frac{DE}{BC} \rightarrow BC = 2DE \quad (1)$$

$$DHE \sim CHF \rightarrow \frac{EH}{FH} = \frac{DH}{CH} = \frac{DE}{CF} \rightarrow \frac{u}{\frac{5}{2}u} = \frac{DE}{CF} \rightarrow CF = \frac{5}{2} DE \quad (r)$$

$$\textcircled{1}, \textcircled{V} \rightarrow BC = BF + CF \rightarrow DE = \frac{9}{F} \quad BC = 1 \times \frac{9}{F} = 9\sqrt{2}$$



$$\begin{aligned} \rightarrow \omega t &= t + \pi \rightarrow \pi t = \pi \\ &\rightarrow t = \frac{\pi}{\pi} \end{aligned}$$

$$\frac{DE}{BC} = \frac{EH}{HF} \rightarrow \frac{x}{y} = \frac{z}{t} \rightarrow \frac{x}{\frac{y}{\omega} x} = \frac{z}{t} \rightarrow \frac{\omega}{1} = \frac{z}{t}$$

$$\overline{BC = \{u, v\}}$$

$1/\delta$



$$y_0 - k = 14$$

$$BC^Y = CH \times AC$$

$$BA^T = AH \times AC$$

$$\rightarrow \left(\frac{BC}{BA} \right)^T = \frac{CH}{AH}$$

$$\Rightarrow \frac{BC}{BA} = \frac{1}{Y}$$

$$\frac{BA}{BC} = Y$$

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در مثلث AGC فقط F ، مرکز ثقل است.

$$\frac{BD}{FD} = 4$$

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