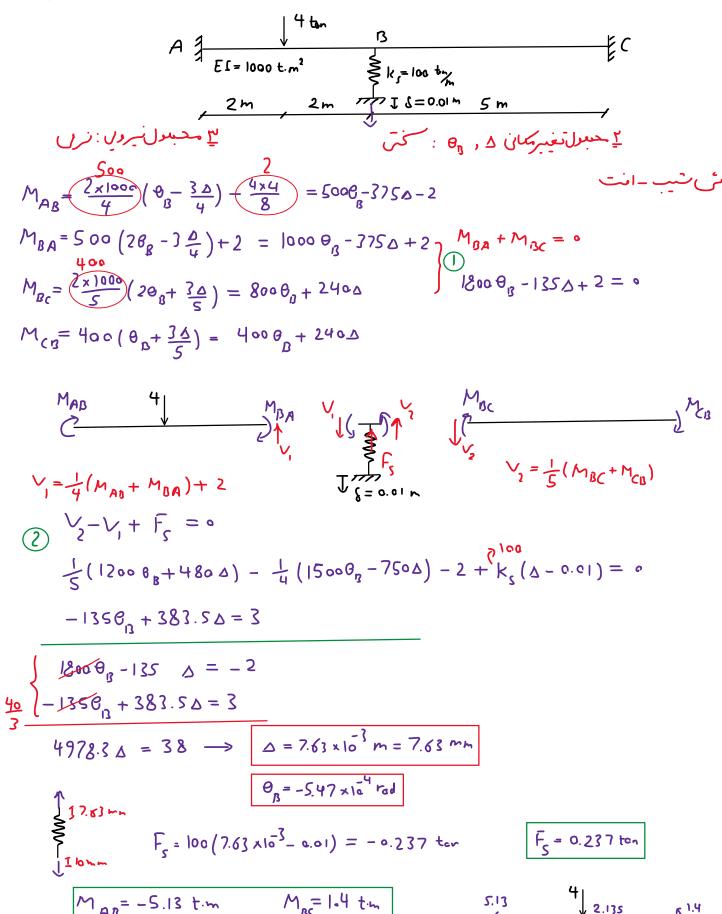
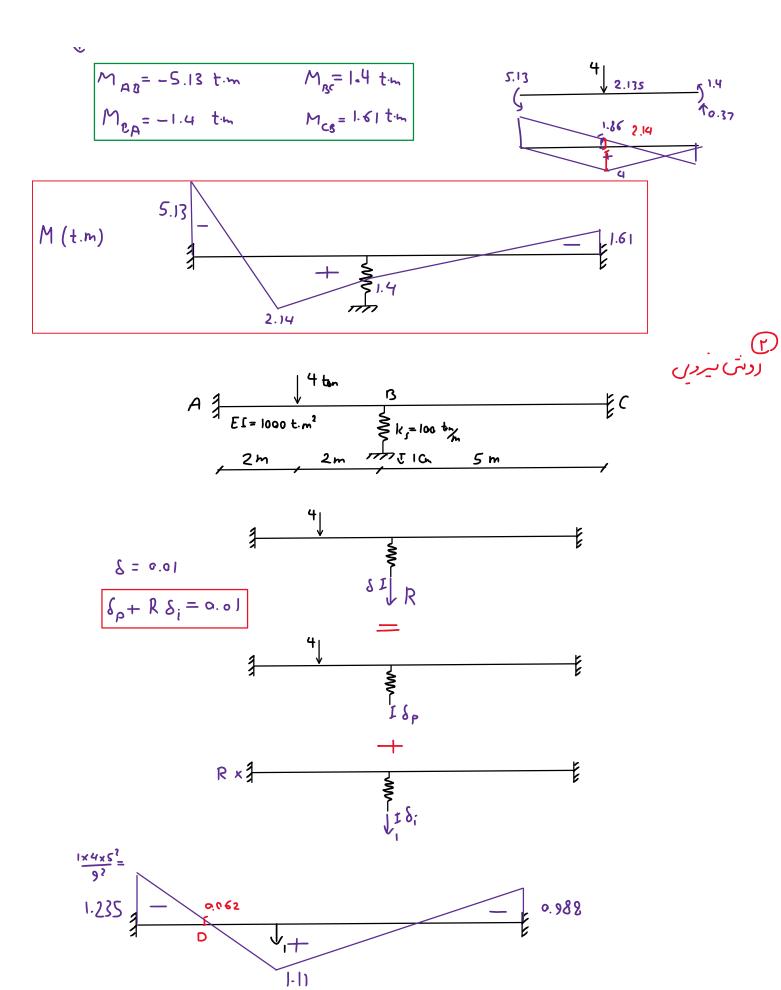
منان: تيرڪل رير را تحليل كنيد.

Wednesday, March 27, 2024 16:11





$$-\left(\frac{1.235 + 0.912}{2}\right) + \frac{124425}{9} = 1.11$$

1.235
$$A = S \overline{X}$$

$$\frac{ML^2}{6}$$

$$\frac{ML^2}{6}$$

$$S_{B,A} = S\bar{X}$$

$$\delta_{B/A} = -1.235 \times \frac{4^{2}}{2} + 2.345 \times \frac{4^{2}}{6} = \frac{-3.63}{EJ} = -3.63 \times 10^{-3} \text{ m}$$

$$\delta_{1} = \delta_{b} + \delta_{5} = -3.63 \times 10^{-3} - \frac{1}{100} = -13.63 \times 10^{-3} \text{ m}$$

$$\delta_{D/A} = -0.062 \times \frac{2^2}{2} - 1.172 \times \frac{2^2}{3} = \frac{1.687}{\text{EI}} \implies \delta_P = 4 \times \frac{1.687}{\text{EI}} = \frac{6.75 \times 10^{-7} \text{m}}{\text{EI}}$$

$$\delta_{\rho} + R \delta_{i} = 0.01$$
 () (5) Lales

$$6.75 \times 10^{-3} + R(13.63 \times 10^{-5}) = 0.01 \rightarrow R = 0.238 ton$$

