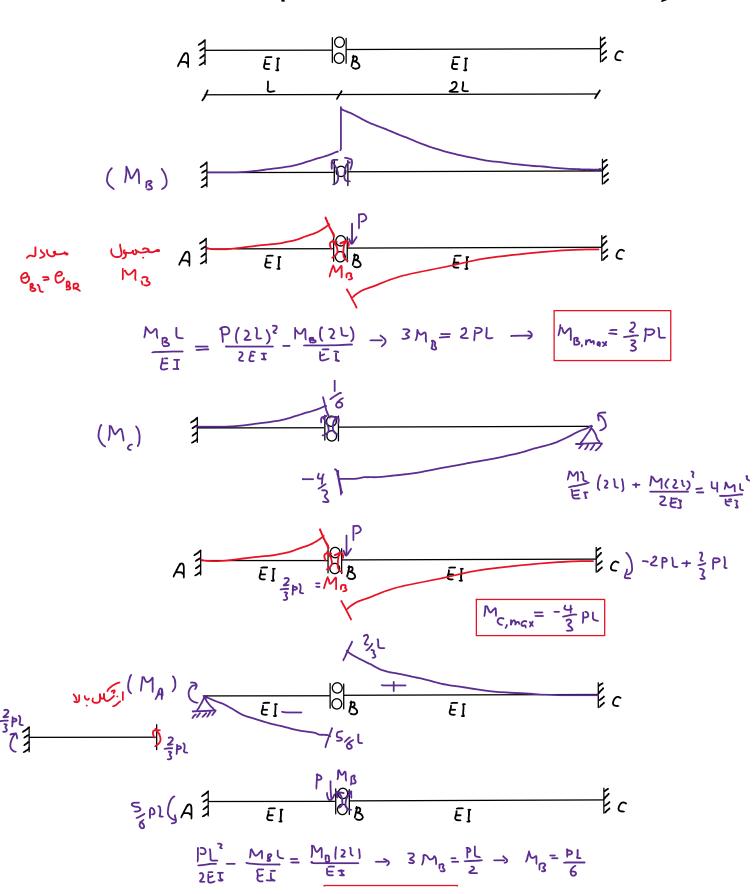
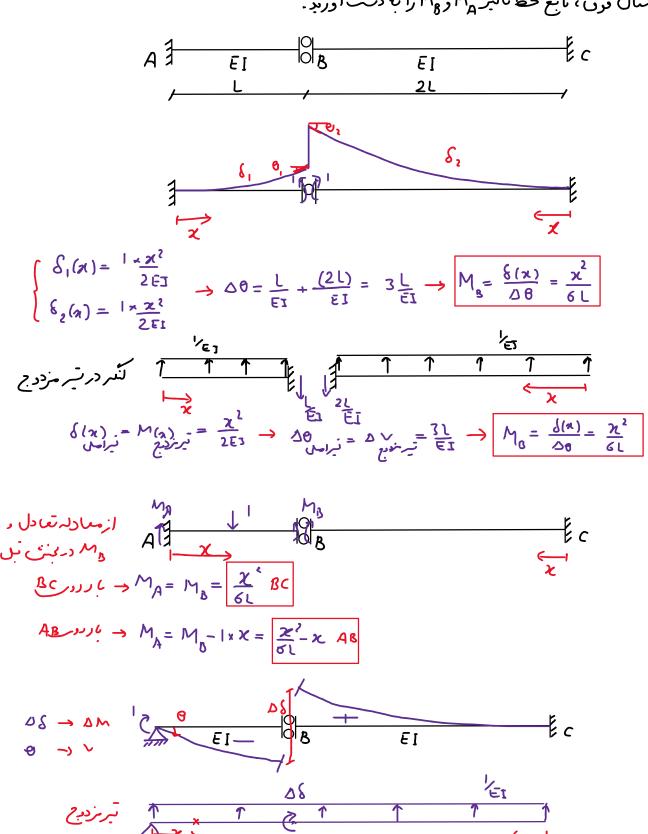
سال: حواكر كنگر مقاط A ، B و C درانر معر ارمائم P ازدون تيرنكل زمر حيدراست ؟

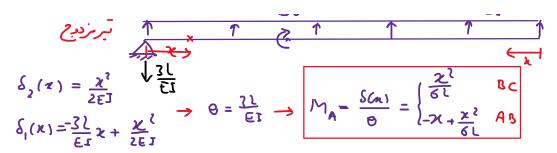


$$\frac{|\mathcal{D}|^{2}}{2\bar{\epsilon}I} - \frac{M_{g}L}{\bar{\epsilon}I} = \frac{M_{g}(2L)}{\bar{\epsilon}I} \rightarrow 3M_{g} = \frac{PL}{2} \rightarrow M_{g} = \frac{PL}{6}$$

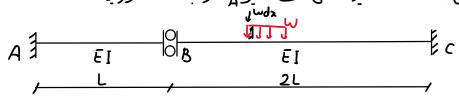
$$M_{A, mqx} = -\frac{5}{6}PL$$

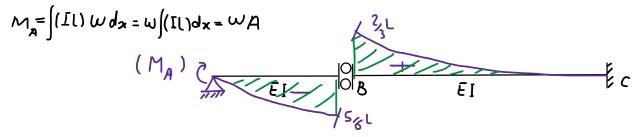
مثال: درمثال فوق، تابع خط نأشر Ma ره ابع دست وربد.





مثال: درمثال فوق ، مساحت زیرسعن خط ناشر M را به دست آوربد.





$$\theta_{RL} = \theta_{RR} \rightarrow \frac{1 \times L^2}{\sigma E I} - \frac{M_{BL}}{E I} = \frac{M_{B}(2L)}{E I} \rightarrow 3M_a = \frac{L}{\sigma} \rightarrow M_B = \frac{L}{18} \rightarrow M_A = \frac{-4}{9}L^2$$

 $C_{gl} = C_{gl} \rightarrow \frac{M_{gl}}{E_{I}} = \frac{1(2l)^{3}}{\sigma E_{I}} - \frac{M_{gl}(2l)}{E_{I}} \rightarrow 2M_{g} = \frac{4}{3}L^{2} \rightarrow M_{g} = \frac{4}{9}L^{2}$ $A^{\dagger} = \frac{4}{9}L^{2}$

$$A^{+} = \frac{1}{3} \left(\frac{2}{3} l \right) (2 l) = \frac{4}{9} l^{2}$$