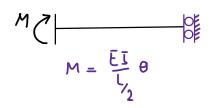
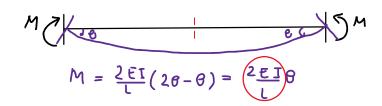
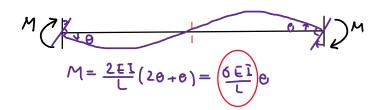
سختی اعضای متعارن

Saturday, May 4, 2024 14:24



$$M = \frac{5}{3EI} \theta$$





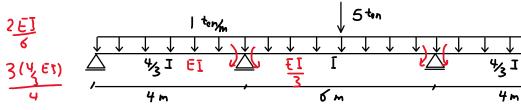
مقاسة خن اعضا بإشراط متعادث ملبه كامي

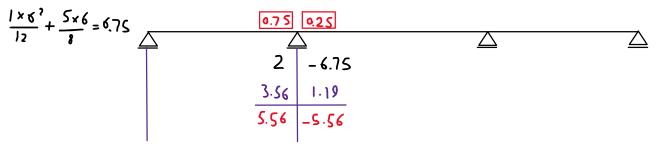


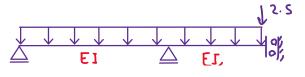
$$k = \frac{4EI}{I}$$

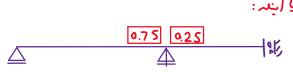
$$k = \frac{\epsilon_{I}}{\epsilon_{I}}$$

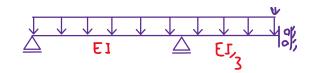
مثال : کنگرهای اهمایی اعضا را به دست آورید.

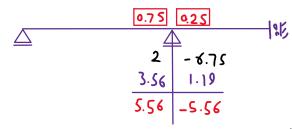


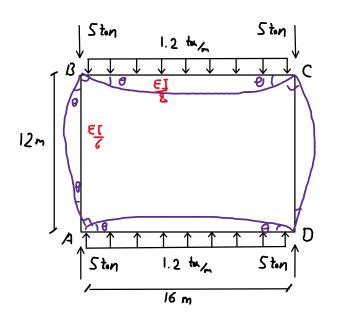








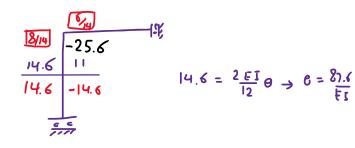




مثال: لَنَّرُ دَرُ لَرِه 8 وجِرِ خَسْ كُرِه 8 رام درت آوربد،

$$\theta_{\rm B} = \frac{M}{\xi \, k_{\rm i}} = \frac{\frac{1.2 \times 16^{3}}{12} \frac{25.6}{12}}{\frac{2EI}{16} + \frac{2EI}{12}} = \frac{87.8}{E_{\rm S}}$$

$$M_{\rm B} = 25.6 \times 8_{\rm ig} = \frac{14.6}{14.6}$$



مثال: لَلُوم من النهايي اعضا رابه دست آوريد ٠

