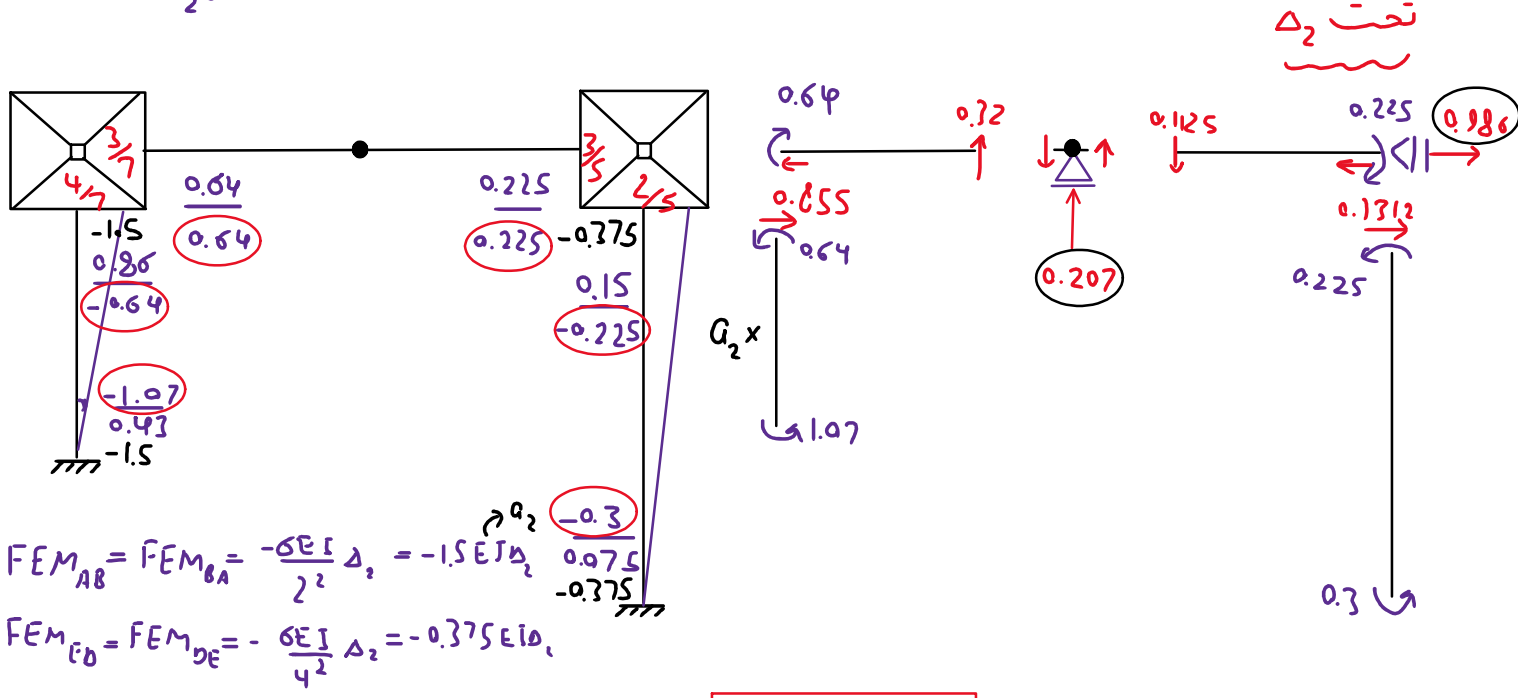
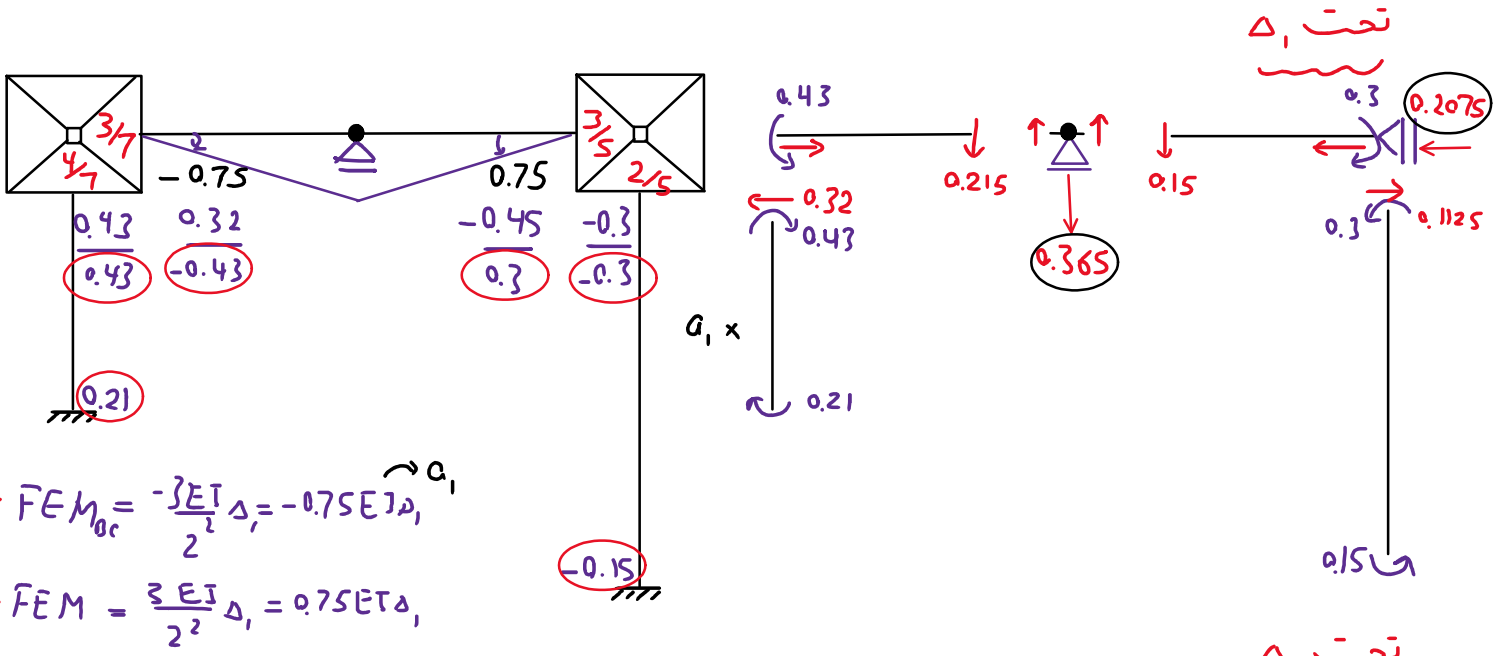
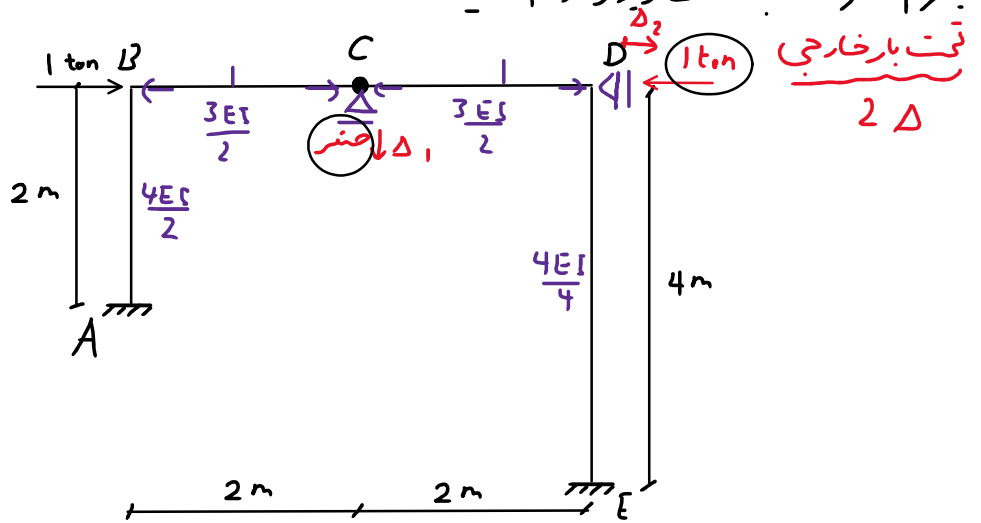


Moment Distribution 11

Saturday, May 4, 2024 14:24

مثال: دباگرام کنتر قاب شکل زیر را رسم کنید.



$$FEM_{FD} = FEM_{DE} = -\frac{6EI}{4^2} \Delta_2 = -0.375 EI \Delta_2$$

$$\begin{cases} -0.365a_1 + 0.207a_2 = 0 \\ -9.2075a_1 + 0.986a_2 = 1 \end{cases} \rightarrow$$

$$\begin{aligned} a_1 &= EI \Delta_1 = 0.65 \\ a_2 &= EI \Delta_2 = 1.15 \end{aligned}$$

M (tm)

