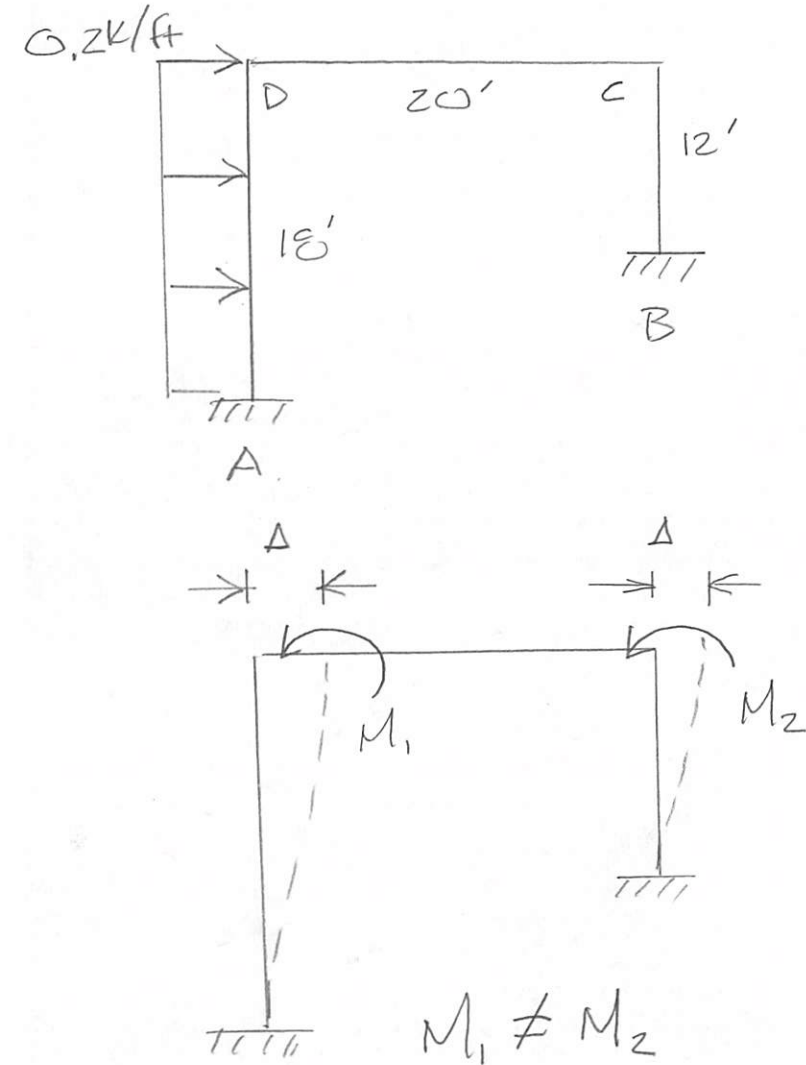


11-21



$$FEM_{DA} = \frac{6EI\Delta}{(18')^2} = M_1$$

$$\Delta = \frac{54M_1}{EI}$$

$$FEM_{CB} = \frac{6EI\Delta}{(12')^2} = M_2$$

$$\frac{6EI(54M_1/EI)}{144} = M_2$$

$$\underline{\underline{2.25M_1 = M_2}}$$

