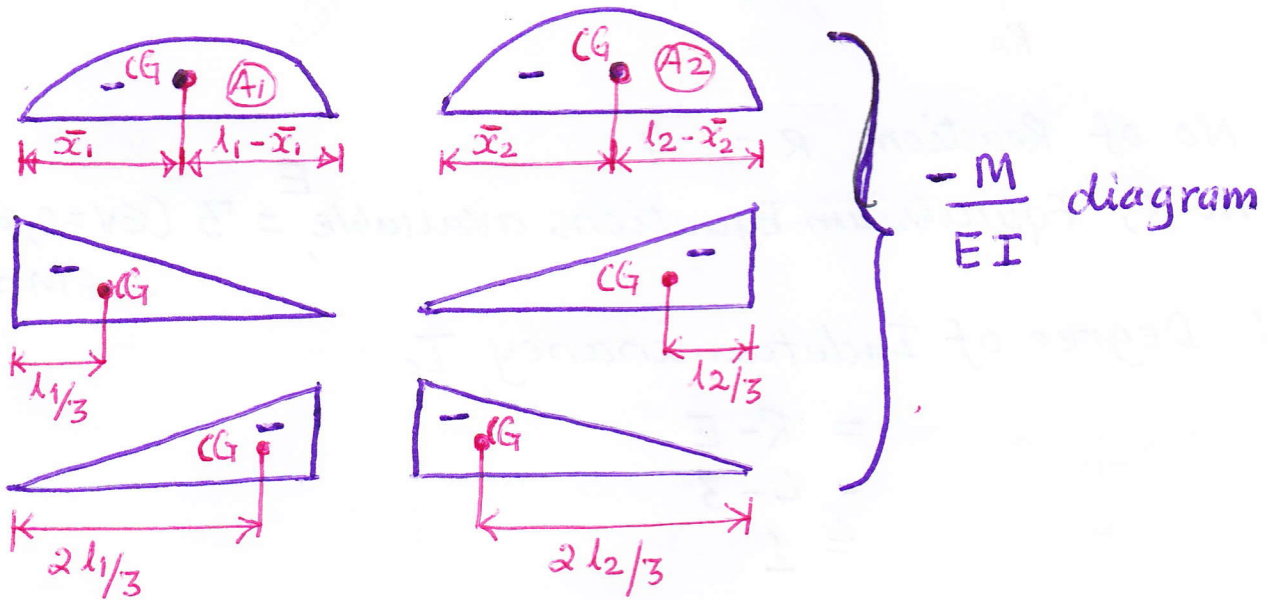
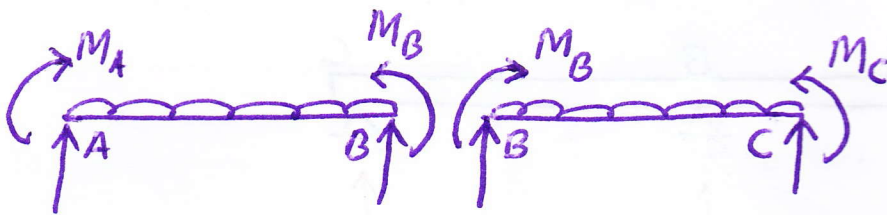
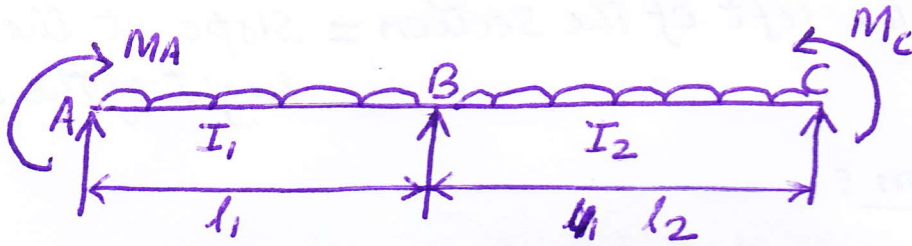


Three Moment Equations

- Three moment equation considers two span continuous beam ABC with applied moments M_A & M_C at the ends as shown below



A_1, A_2 are areas of $-\frac{M}{EI}$ diagram

M = Bending moment

EI = Flexural rigidity

CG = Centroid of the area (Centre of gravity)

- Three moment equation can be applied to more than two spans as well