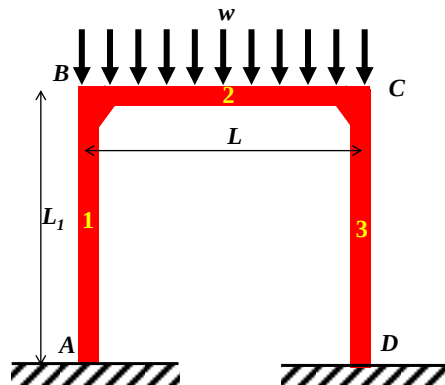


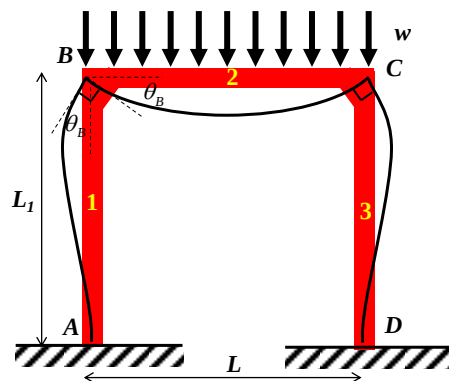
Indeterminate Frame:
Full Moment connections



Unknowns: Moment and forces transmitted through each joint

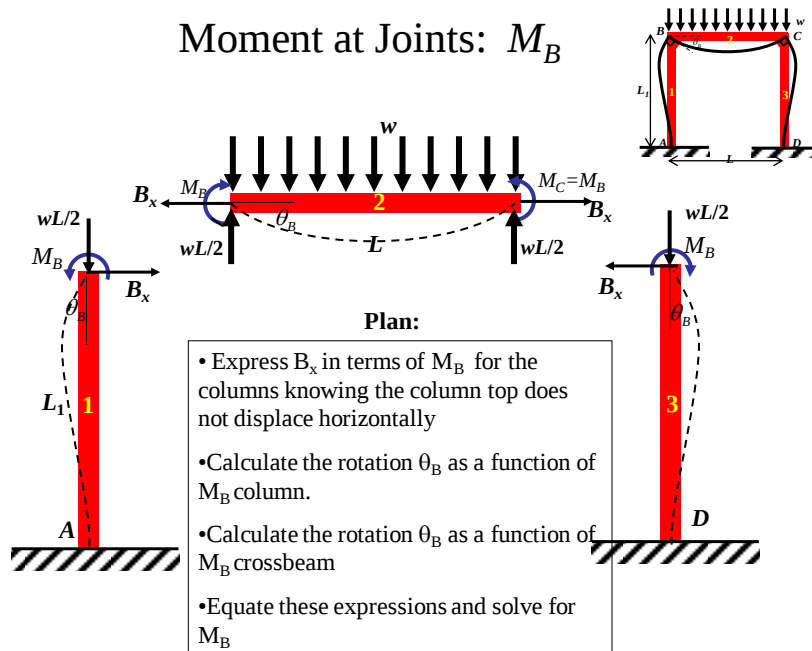
Equations: 3 per member

Full Moment connections:
Joint angles preserved

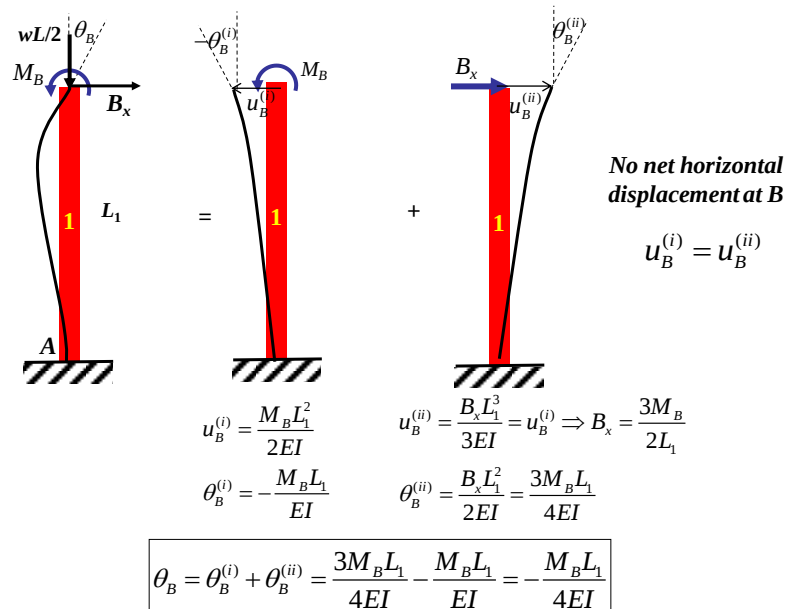


Neglect Axial Deformation: $u^B = u^C = 0$

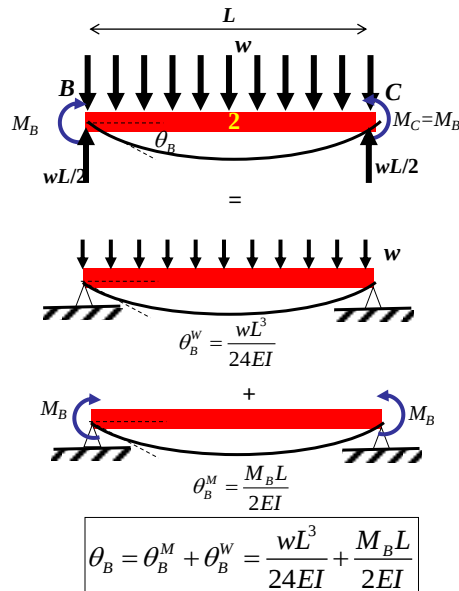
Moment at Joints: M_B



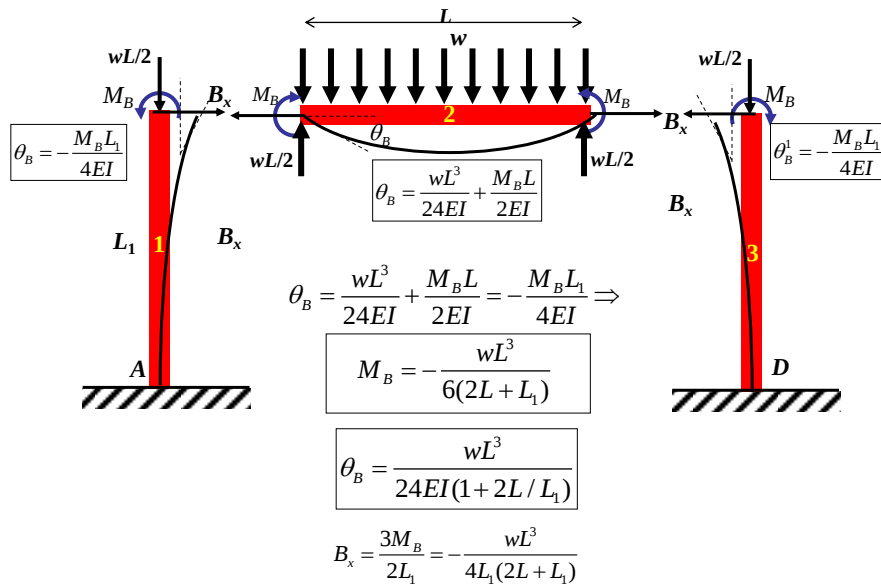
Joint rotation in terms of M_B : Column



Joint rotation in terms of M_B : Cross Bar



Finally



Even more finally

