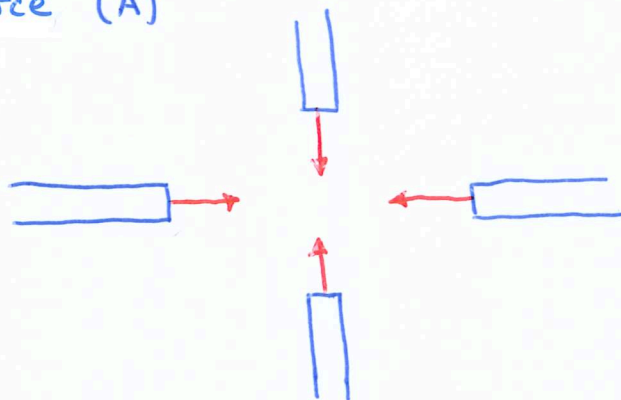


Internal force sign convention

+ Axial Force (A)



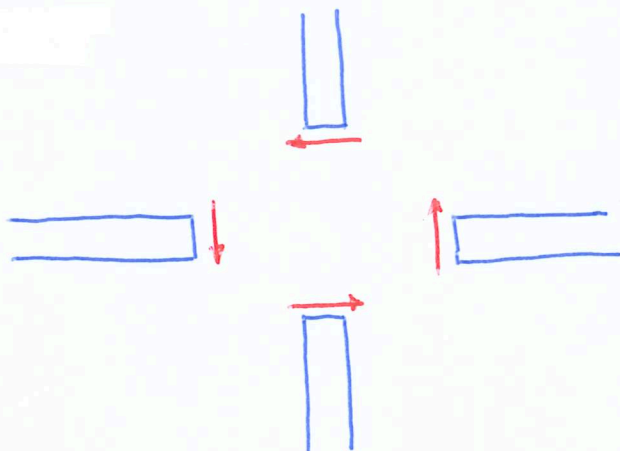
positive A is tension



negative A is compression



+ Shear Force (V)



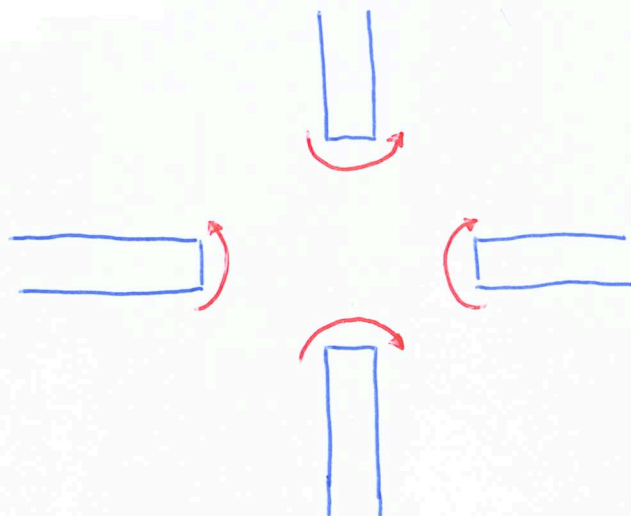
positive V rotates member clockwise



negative V rotates member counter-clockwise



+ Bending Moment (M)



positive M sags the member



negative M hogs the member

