

Nown to be zero in ab

Q a, thus we can use

modified S.D. egas for

that member & we need

not determine Oa (notation

Q a)

## Fixed End Moments

- all zero (no lateral loads on members)
(that was easy)

## Slope Deflection Egns

Mab = 0 Mba = \frac{\int\_{\substack}}{5}(30b)

Mbc = EI (40%)
Mcb = EI (20%)

 $M_{bd} = \frac{EI}{3}(40)$   $M_{db} = \frac{EI}{3}(20)$ 

## Equilibrium

- (Mba + Mbc + Mbd) + 100 =0

Mba + Mbc + Mba = 100

