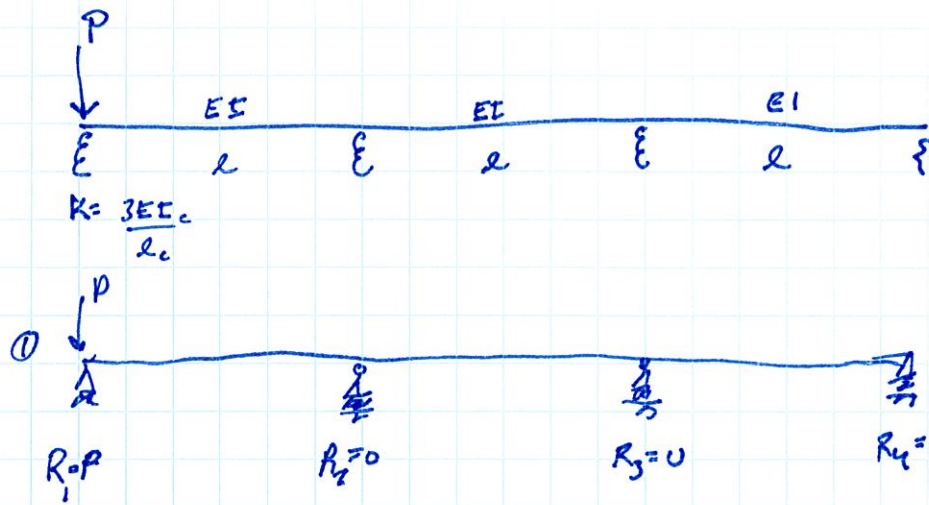
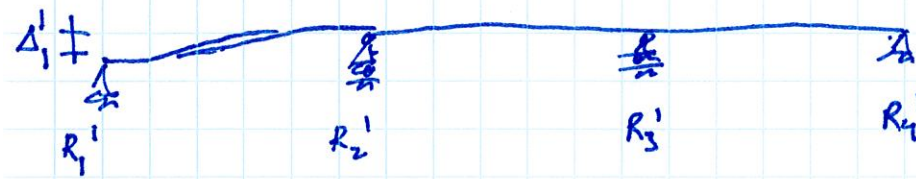


MD = MOMENT DISTRIBUTION

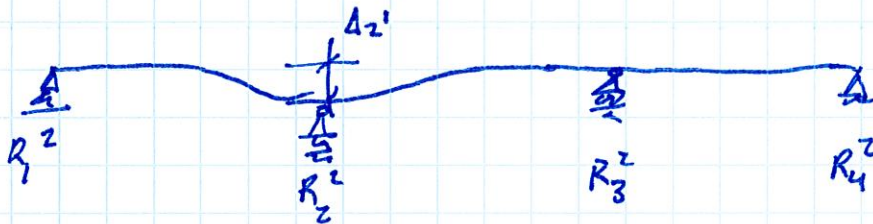


MD: N/A, $M^0 = 0$

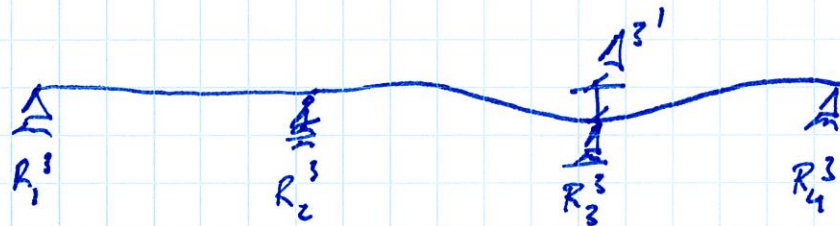
Note: P ONLY APPLIED IN THIS STEP.



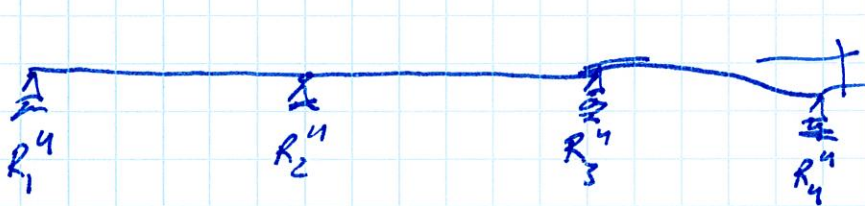
MD: SPAN 1 FEM & DISTRIBUTE
DETERMINING REACTIONS FROM M^1
JOINT MOMENTS.



MD: " " , M^2



MD: " " , M^3



MD: " " , M^4

$$\begin{aligned} R_1^0 + \alpha_1 R_1^1 + \alpha_2 R_1^2 + \alpha_3 R_1^3 + \alpha_4 R_1^4 &= R_1 = k \Delta_1 = k \alpha_1 \Delta_1^1 \\ R_2^0 + \alpha_1 R_2^1 + \alpha_2 R_2^2 + \alpha_3 R_2^3 + \alpha_4 R_2^4 &= R_2 = k \Delta_2 = k \alpha_2 \Delta_2^1 \\ R_3^0 + \alpha_1 R_3^1 + \alpha_2 R_3^2 + \alpha_3 R_3^3 + \alpha_4 R_3^4 &= R_3 = k \Delta_3 = k \alpha_3 \Delta_3^1 \\ R_4^0 + \alpha_1 R_4^1 + \alpha_2 R_4^2 + \alpha_3 R_4^3 + \alpha_4 R_4^4 &= R_4 = k \Delta_4 = k \alpha_4 \Delta_4^1 \end{aligned}$$

SOLVE
FOR α 'S

$$M = M^0 + \alpha_1 M^1 + \alpha_2 M^2 + \alpha_3 M^3 + \alpha_4 M^4 \leftarrow \text{FINAL MOMENTS}$$