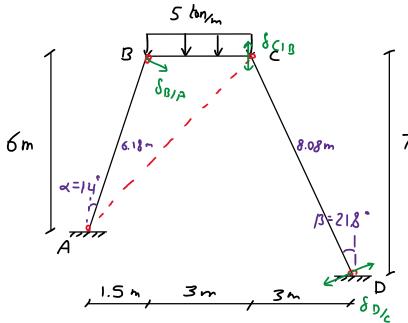
Slope-Deflection 8

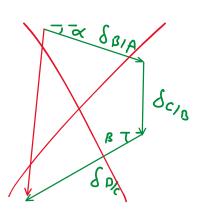
Thursday, March 14, 2024 14:1

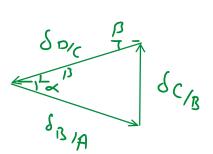
مثال: مطلوب است تشكيل درستاه معادلات جمت تمليل ماره به روش

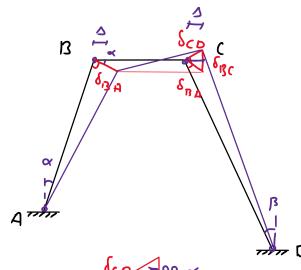


ا همینول : همینول :

سعادل برش دوستے







$$\delta_{CO} = \frac{\Delta}{C_1 B} = 1.08 \Delta$$

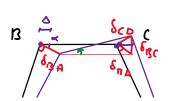
$$\delta_{AD} = \frac{\Delta}{C_2 A} = 1.03 \Delta$$

$$\delta_{BC} = \Delta \left(tond + ton B \right) = 0.65 \Delta$$

$$\frac{\delta_{RC}}{S_{in}(\ll+R)} = \frac{\delta_{CD}}{S_{in}(90-R)} = \frac{\delta_{AB}}{S_{in}(90-\infty)}$$

$$M_{AB} = \frac{2EI}{6.18} \left(\theta_B - 3 \frac{1.03 \Delta}{6.18} \right)$$

$$M_{BA} = \frac{2EI}{6.18} \left(2\theta_B - 3 \frac{1.03 \Delta}{6.18} \right)$$



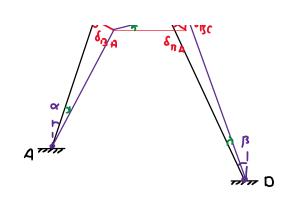
$$M_{BC} = \frac{2EI}{6.18} \left(26_{B} - 3 \frac{1.63 \triangle}{4.18} \right)$$

$$M_{BC} = \frac{2EI}{3} \left(2\theta_{B} + \theta_{C} + 3\frac{9.65 \triangle}{3} \right) - \frac{5 \times 3^{3}}{12}$$

$$M_{CB} = \frac{2EI}{3} \left(2\theta_{C} + \theta_{B} + 3 \frac{c.65 \triangle}{3} \right) + \frac{5 \times 3^{3}}{12}$$

$$M_{CD} = \frac{2EI}{8.08} \left(2\theta_{C} - 3 \frac{1.08 \triangle}{8.08} \right)$$

$$M_{DC} = \frac{2EI}{8.08} \left(\theta_{C} - 3 \frac{1.08 \triangle}{8.08} \right)$$



$$M_{BA} + M_{CO} + 4.75 v_1 + 4.98 v_2 - 15 \times 0.35 = 0$$

$$\frac{1.5}{6}$$
 x 3 = 1.15

