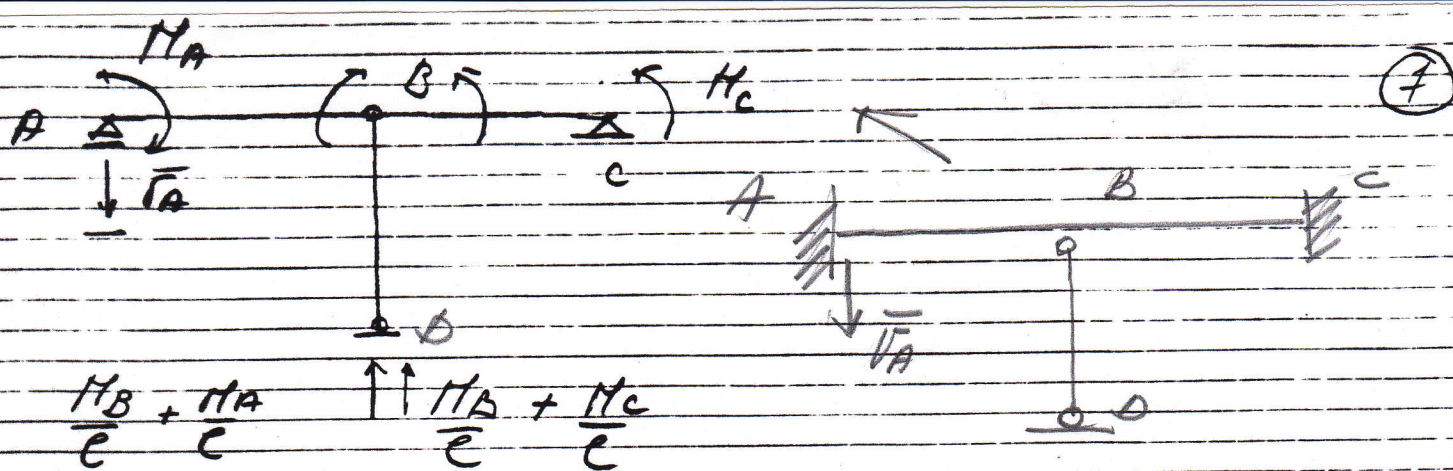




$$\varphi_A = \frac{V_A}{e} - \left(\frac{2M_B}{e} + \frac{M_A}{e} + \frac{M_C}{e} \right) \frac{e}{EA} \cdot \frac{1}{e} + \frac{M_B e}{6EI} - \frac{M_A e}{3EI} = 0$$

$$\varphi_B^S = - \left(\frac{2M_B}{e} + \frac{M_A}{e} + \frac{M_C}{e} \right) \frac{1}{EA} + \frac{M_A e}{6EI} - \frac{M_B e}{3EI} + \frac{V_A}{e} =$$

$$= \varphi_B^D = \left(\frac{2M_B}{e} + \frac{M_A}{e} + \frac{M_C}{e} \right) \frac{1}{EA} + \frac{M_B e}{3EI} - \frac{M_C e}{6EI} =$$

$$\varphi_C = \left(\frac{2M_B}{e} + \frac{M_A}{e} + \frac{M_C}{e} \right) \frac{1}{EA} - \frac{M_B e}{6EI} + \frac{M_C e}{3EI} = 0$$