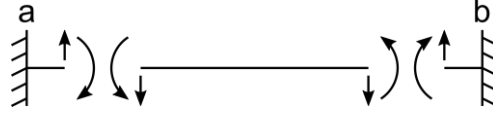


ZJEDNODUŠENÁ DEFORMAČNÍ METODA – VZORCE

Vetknutí (V) – (V) Vetknutí

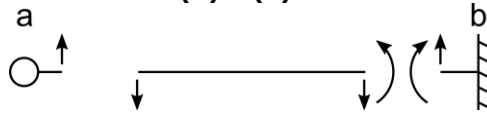


$$k_{ab} = \frac{2EI}{L_{ab}}$$

$$M_{ab} = \overline{M}_{ab} + k_{ab} \left(2\varphi_a + \varphi_b + 3 \frac{w_b - w_a}{L_{ab}} \right) \quad M_{ba} = \overline{M}_{ba} + k_{ab} \left(\varphi_a + 2\varphi_b + 3 \frac{w_b - w_a}{L_{ab}} \right)$$

$$Z_{ab} = \overline{Z}_{ab} - \frac{k_{ab}}{L_{ab}} \left(3\varphi_a + 3\varphi_b + 6 \frac{w_b - w_a}{L_{ab}} \right) \quad Z_{ba} = \overline{Z}_{ba} + \frac{k_{ab}}{L_{ab}} \left(3\varphi_a + 3\varphi_b + 6 \frac{w_b - w_a}{L_{ab}} \right)$$

Kloub (K) – (V) Vetknutí



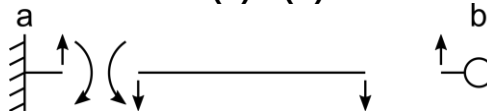
$$k_{ab} = \frac{3}{4} \frac{2EI}{L_{ab}}$$

×

$$M_{ba} = \overline{M}_{ba} + k_{ab} \left(2\varphi_b + 2 \frac{w_b - w_a}{L_{ab}} \right)$$

$$Z_{ab} = \overline{Z}_{ab} - \frac{k_{ab}}{L_{ab}} \left(2\varphi_b + 2 \frac{w_b - w_a}{L_{ab}} \right) \quad Z_{ba} = \overline{Z}_{ba} + \frac{k_{ab}}{L_{ab}} \left(2\varphi_b + 2 \frac{w_b - w_a}{L_{ab}} \right)$$

Vetknutí (V) – (K) Kloub



$$k_{ab} = \frac{3}{4} \frac{2EI}{L_{ab}}$$

$$M_{ab} = \overline{M}_{ab} + k_{ab} \left(2\varphi_a + 2 \frac{w_b - w_a}{L_{ab}} \right)$$

×

$$Z_{ab} = \overline{Z}_{ab} - \frac{k_{ab}}{L_{ab}} \left(2\varphi_a + 2 \frac{w_b - w_a}{L_{ab}} \right) \quad Z_{ba} = \overline{Z}_{ba} + \frac{k_{ab}}{L_{ab}} \left(2\varphi_a + 2 \frac{w_b - w_a}{L_{ab}} \right)$$