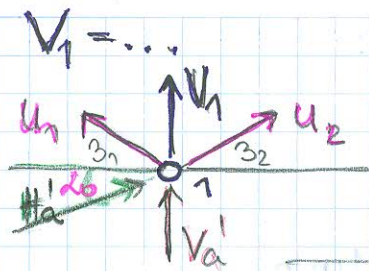


TO NEMA U FORMULANA

pa li je 2. ili 3



$$\sum V = 0$$

$$V_1 + V_a' + H'a \sin \alpha + U_1 \sin \beta_1 + U_2 \sin \beta_2 = 0$$

$$V_1 = -V_a' - H'a \sin \alpha - U_1 \sin \beta_1 - U_2 \sin \beta_2$$

$$\sum M_{(1)} = 0$$

$$M_{(1),0} - U_1 \cos \beta_1 \cdot h_1 = 0$$

$$H = H'a \cos \alpha$$

$$U_1 = \frac{1}{\cos \beta_1} \cdot \frac{M_{(1),0}}{h_1}$$

$$\sum M_{(1)} = 0$$

$$M_{(1),0} - H y_{(1)} - U_2 \cos \beta_2 \cdot h_1 = 0$$

$$U_2 = \frac{1}{\cos \beta_2} \left(\frac{M_{(1),0}}{h_1} - H \frac{y_{(1)}}{h_1} \right)$$

$$V_1 = -V_a' - H \tan \alpha - \frac{M_{(1),0}}{h_1} \tan \beta_1 - \frac{M_{(1),0}}{h_1} \tan \beta_2 + H \frac{y_{(1)}}{h_1} \tan \beta_2$$

$$V_1 = -V_a' - \frac{M_{(1),0}}{h_1} (\tan \beta_1 + \tan \beta_2) - H \left(\tan \alpha - \frac{y_{(1)}}{h_1} \tan \beta_2 \right)$$

$$\tan \beta_1 = \tan \beta_2 = \frac{3}{2.5} = \frac{6}{5} \quad y_{(1)} = 7 \quad h_1 = 7$$

$$V_1 = -V_a' - \frac{M_{(1),0}}{7} \left(\frac{6}{5} + \frac{6}{5} \right) - H \left(\frac{3}{3.5} - \frac{6}{5} \right)$$

$$V_1 = -V_a' - \frac{12}{35} M_{(1),0} + \frac{39}{35} H = V_{1,0} + V_{1H} \cdot H$$

$$V_{1,0}^{(A)} = -V_a'^{(A)} - \frac{12}{35} M_{(1),0}^{(A)} = -1 - 0 = -1 \quad \frac{39}{35} H^{(A)} = \frac{39}{35} \cdot \frac{35}{17} = \frac{39}{17}$$

$$V_{1,0}^{(B)} = -V_a'^{(B)} - \frac{12}{35} M_{(1),0}^{(B)} = 0 \quad \frac{39}{35} H^{(B)} = \frac{39}{35} \cdot \frac{105}{44} = \frac{117}{44}$$