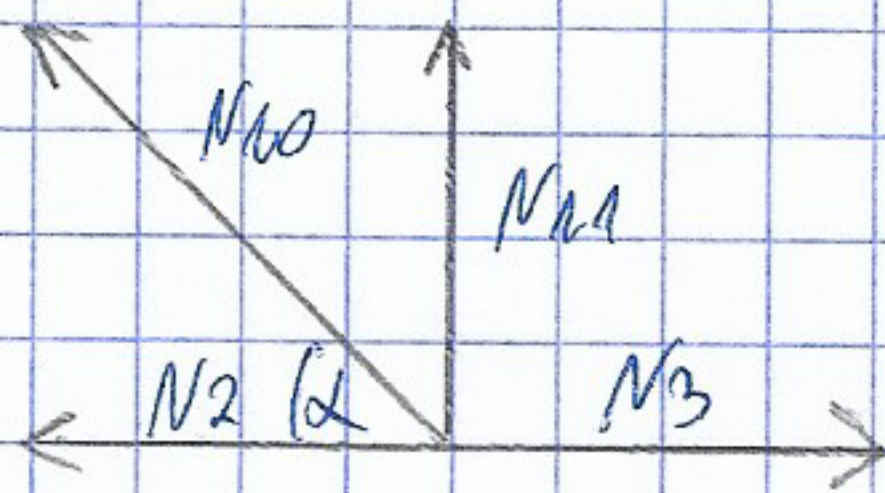


### 5.5 Wezet 3



$$12) \sum P_y = N_{11} + N_{10} \cdot \sin \alpha = 0$$

$$13) \sum P_x = -N_2 + N_3 - N_{10} \cdot \cos \alpha = 0$$

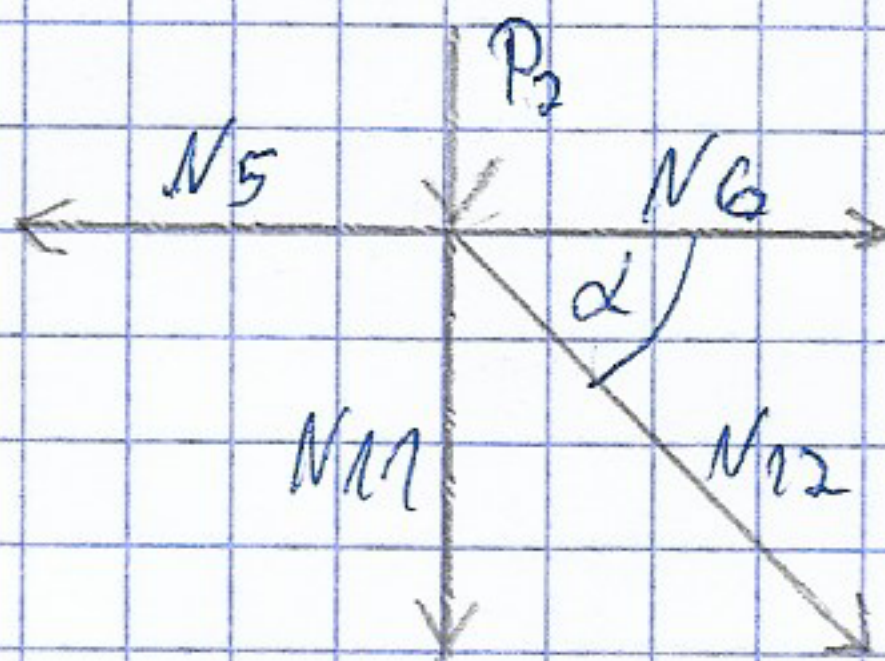
$$N_{11} - 105,63 \cdot 0,6568 = 0$$

$$-33,73 + N_3 + 105,63 \cdot 0,7541 = 0$$

$$N_{11} = 69,38 \text{ kN}$$

$$N_3 = 45,93 \text{ kN}$$

### 5.6 Wezet 7



$$14) \sum P_y = -P_2 - N_{11} - N_{12} \cdot \sin \alpha = 0$$

$$15) \sum P_x = -N_5 + N_6 + N_{12} \cdot \cos \alpha = 0$$

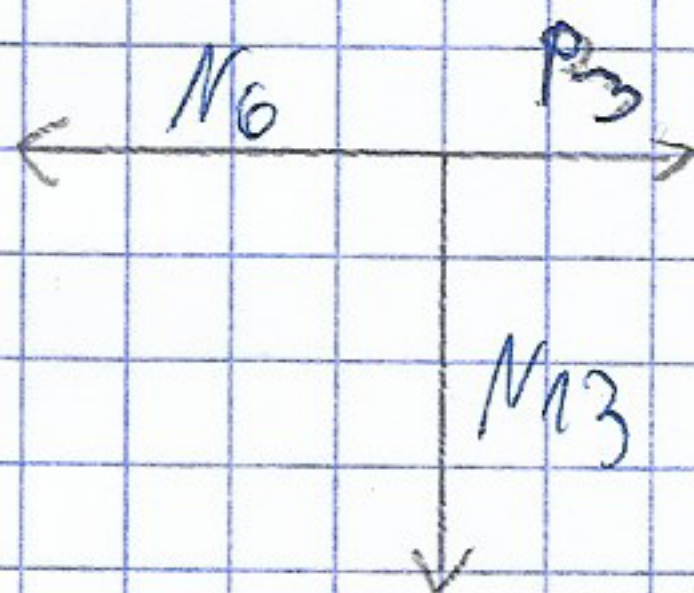
$$-63 - 69,38 - N_{12} \cdot 0,6568 = 0$$

$$-113,38 + N_6 + 201,53 \cdot 0,7541 = 0$$

$$N_{12} = 201,53 \text{ kN}$$

$$N_6 = 265,36 \text{ kN}$$

### 5.7 Wezet 8



$$16) \sum P_y = N_{13} = 0$$

$$N_{13} = 0$$