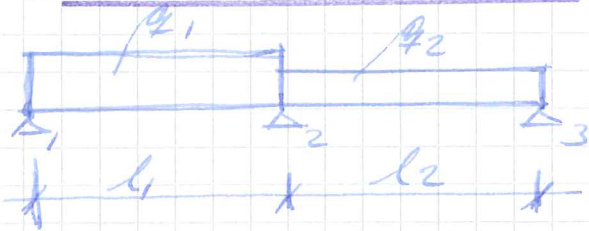


5 LIGGER 3 STPT EL



Staven ligger op 3 steunpunten
incl. oplegging op metalen
kantele kip en onderflens-
inbakening.

$$M_2 = \frac{1/8 \cdot (q_1 l_1^3 + q_2 l_2^3)}{l_1 + l_2}$$

$$R_1 = 1/2 \cdot q_1 \cdot l_1 - \frac{M_2}{l_1}$$

$$R_2 = 1/2 \cdot q_1 \cdot l_1 + 1/2 \cdot q_2 \cdot l_2 + \frac{M_2}{l_1} + \frac{M_2}{l_2}$$

$$R_3 = 1/2 \cdot q_2 \cdot l_2 - \frac{M_2}{l_2}$$

$$M_{\text{veld 1,2}} = \frac{R_1^2}{2 q_1}$$

$$M_{\text{veld 2,3}} = \frac{R_3^2}{2 q_2}$$

B.G.T. $q_{1,d}$ $M_{\text{ing}} = 1/8 \cdot q_1 \cdot l_1^2 \rightarrow R_1 = 0,00 \times \frac{250}{\text{ETS}}$

$q_{2,d}$ $M_{\text{ing}} = 1/8 \cdot q_2 \cdot l_1^2 \rightarrow R_2 = C_1$

$M_2 = \text{als boven} \rightarrow C_0 = 13,44 \cdot \frac{250}{\text{ETS}}$

eis = bgr. 400. of 500. (keel of 1/500 l.)

$$I_1 = \frac{M_1 \cdot l_1}{C_1} - \frac{M_2 \cdot l_1}{C_3}$$

$$I_2 = \frac{M_2 \cdot l_2}{C_2} - \frac{M_2 \cdot l_2}{C_3}$$

Alle overige formules als bij SLIGGER 1.

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