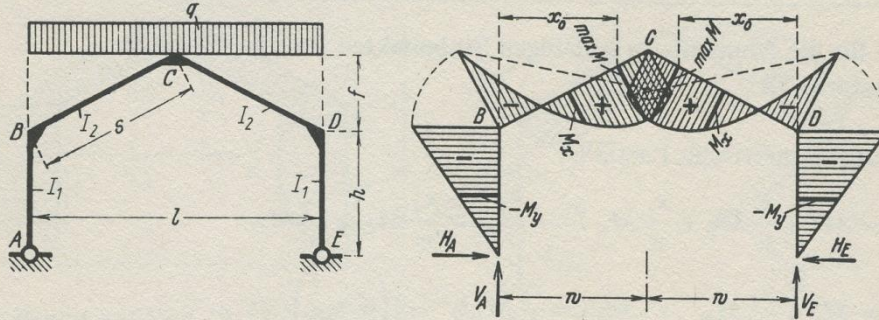


Fall 78/2: Rechteck-Vollast über beide Riegel



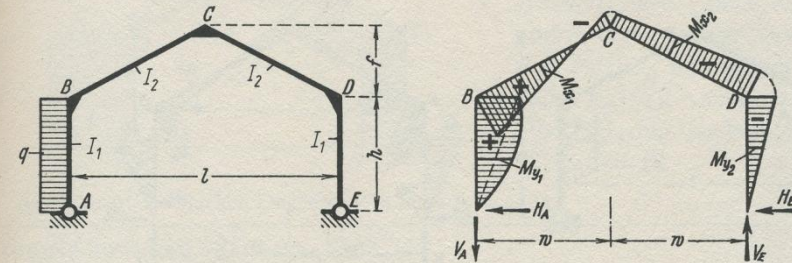
$$M_B = M_D = -\frac{ql^2(3+5m)}{16N} \quad M_C = \frac{ql^2}{8} + mM_B;$$

$$H_A = H_E = \frac{-M_B}{h}; \quad V_A = V_E = \frac{ql}{2};$$

$$M_x = \frac{qxx'}{2} + \frac{x'}{w}M_B + \frac{x}{w}M_C; \quad x_0 = \frac{l}{4} + \frac{M_C - M_B}{qw}$$

$$M_y = \frac{y}{h}M_B; \quad Q_x = \frac{ql^2}{4s} \left(\frac{1}{2} - \frac{x}{w} \right) + \frac{M_C - M_B}{s}.$$

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$$M_D = -\frac{qh^2}{8} \cdot \frac{2(B+C)+k}{N} \quad M_B = \frac{qh^2}{2} + M_D$$

$$M_C = \frac{qh^2}{4} + mM_D \quad M_{y1} = \frac{qy_1y_1'}{2} + \frac{y_1}{h}M_B \quad M_{y2} = \frac{y_2}{h}M_D$$

$$V_A = -V_E = -\frac{qh^2}{2l} \quad H_E = \frac{-M_D}{h} \quad H_A = -(qh - H_E)$$

$$M_{x1} = \frac{x_1'}{w}M_B + \frac{x_1}{w}M_C \quad M_{x2} = \frac{x_2'}{w}M_C + \frac{x_2}{w}M_D.$$