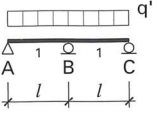
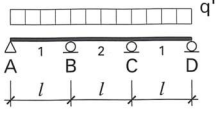
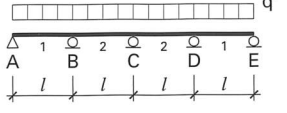
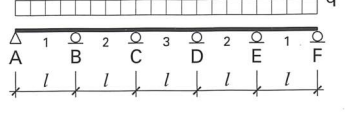
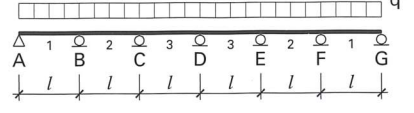
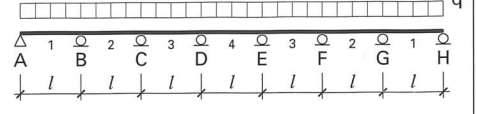


Poutres continues

Système $E \cdot I = \text{constante}$	Réactions d'appuis en kN q' en kN/m l en m	Moments de flexion M en kNm q' en kN/m l en m	Flèches w en mm q' en N/mm, l en mm E en N/mm ² , I en mm ⁴
 2 travées	$A = C = 0,375 \cdot q' \cdot l$ $B = 1,25 \cdot q' \cdot l$	$M_1 = + 0,0703 \cdot q' \cdot l^2 = 0,57$ $M_B = - 0,1250 \cdot q' \cdot l^2 = 1$ <i>11 ps</i>	$w_1 = \frac{0,0054 \cdot q' \cdot l^4}{E \cdot I}$ <i>= 0,42 wps</i>
 3 travées	$A = D = 0,4 \cdot q' \cdot l$ $B = C = 1,1 \cdot q' \cdot l$	$M_1 = + 0,0800 \cdot q' \cdot l^2 = 0,64$ $M_2 = + 0,0250 \cdot q' \cdot l^2 = 0,20$ $M_B = M_C = - 0,1000 \cdot q' \cdot l^2 = 0,8$ <i>11 ps</i>	$w_1 = \frac{0,0068 \cdot q' \cdot l^4}{E \cdot I}$ $w_2 = \frac{0,00052 \cdot q' \cdot l^4}{E \cdot I}$ <i>= 0,52 wps</i> <i>= 0,40 wps</i>
 4 travées	$A = E = 0,393 \cdot q' \cdot l$ $B = D = 1,143 \cdot q' \cdot l$ $C = 0,928 \cdot q' \cdot l$	$M_1 = + 0,0772 \cdot q' \cdot l^2 = 0,62$ $M_2 = + 0,0364 \cdot q' \cdot l^2 = 0,29$ $M_B = M_D = - 0,1071 \cdot q' \cdot l^2 = 0,86$ $M_C = - 0,0714 \cdot q' \cdot l^2 = 0,57$ <i>11 ps</i>	$w_1 = \frac{0,0065 \cdot q' \cdot l^4}{E \cdot I}$ $w_2 = \frac{0,0019 \cdot q' \cdot l^4}{E \cdot I}$ <i>= 0,50 wps</i> <i>= 0,15 wps</i>
 5 travées	$A = F = 0,395 \cdot q' \cdot l$ $B = E = 1,132 \cdot q' \cdot l$ $C = D = 0,973 \cdot q' \cdot l$	$M_1 = + 0,0779 \cdot q' \cdot l^2$ $M_2 = + 0,0332 \cdot q' \cdot l^2$ $M_3 = + 0,0461 \cdot q' \cdot l^2$ $M_B = M_E = - 0,1053 \cdot q' \cdot l^2$ $M_C = M_D = - 0,0789 \cdot q' \cdot l^2$	$w_1 = \frac{0,0065 \cdot q' \cdot l^4}{E \cdot I}$ $w_2 = \frac{0,0015 \cdot q' \cdot l^4}{E \cdot I}$ $w_3 = \frac{0,0032 \cdot q' \cdot l^4}{E \cdot I}$
 6 travées	$A = G = 0,394 \cdot q' \cdot l$ $B = F = 1,135 \cdot q' \cdot l$ $C = E = 0,962 \cdot q' \cdot l$ $D = 1,019 \cdot q' \cdot l$	$M_1 = + 0,0777 \cdot q' \cdot l^2$ $M_2 = + 0,0340 \cdot q' \cdot l^2$ $M_3 = + 0,0433 \cdot q' \cdot l^2$ $M_B = M_F = - 0,1058 \cdot q' \cdot l^2$ $M_C = M_E = - 0,0769 \cdot q' \cdot l^2$ $M_D = - 0,0865 \cdot q' \cdot l^2$	$w_1 = \frac{0,0064 \cdot q' \cdot l^4}{E \cdot I}$ $w_2 = \frac{0,0016 \cdot q' \cdot l^4}{E \cdot I}$ $w_3 = \frac{0,0028 \cdot q' \cdot l^4}{E \cdot I}$
 7 travées	$A = H = 0,394 \cdot q' \cdot l$ $B = G = 1,134 \cdot q' \cdot l$ $C = F = 0,965 \cdot q' \cdot l$ $D = E = 1,007 \cdot q' \cdot l$	$M_1 = + 0,0778 \cdot q' \cdot l^2$ $M_2 = + 0,0338 \cdot q' \cdot l^2$ $M_3 = + 0,0440 \cdot q' \cdot l^2$ $M_4 = + 0,0405 \cdot q' \cdot l^2$ $M_B = M_G = - 0,1056 \cdot q' \cdot l^2$ $M_C = M_F = - 0,0775 \cdot q' \cdot l^2$ $M_D = M_E = - 0,0845 \cdot q' \cdot l^2$	$w_1 = \frac{0,0065 \cdot q' \cdot l^4}{E \cdot I}$ $w_2 = \frac{0,0016 \cdot q' \cdot l^4}{E \cdot I}$ $w_3 = \frac{0,0029 \cdot q' \cdot l^4}{E \cdot I}$ $w_4 = \frac{0,0024 \cdot q' \cdot l^4}{E \cdot I}$