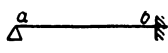
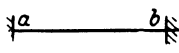
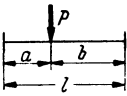
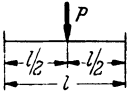
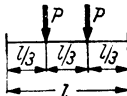
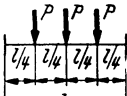
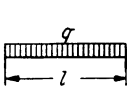
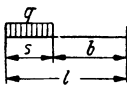
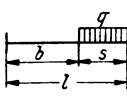
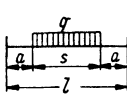
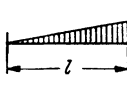
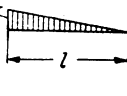
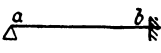
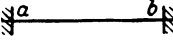
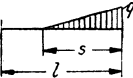
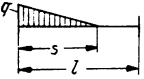
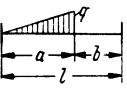
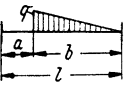
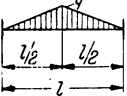
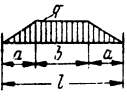


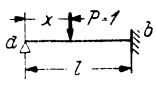
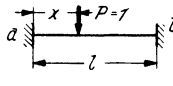
3. Einspannmomente

Einspannmomente des einseitig bzw. beiderseitig eingespannten Balkens

Belastungsfall			
	M_{ba}	M_{ab}	M_{ba}
	$-\frac{P a}{2 l^2} (l^2 - a^2)$	$-\frac{P a b^2}{l^2}$	$-\frac{P a^2 b}{l^2}$
	$-\frac{3}{16} P l$	$-\frac{P l}{8}$	$-\frac{P l}{8}$
	$-\frac{P l}{3}$	$-\frac{2}{9} P l$	$-\frac{2}{9} P l$
	$-\frac{15}{32} P l$	$-\frac{5}{16} P l$	$-\frac{5}{16} P l$
	$-\frac{q l^2}{8}$	$-\frac{q l^2}{12}$	$-\frac{q l^2}{12}$
	$-\frac{q s^2}{8} \left(2 - \frac{s^2}{l^2} \right)$	$-\frac{q s^2}{12 l^2} (6 b^2 + 4 b s + s^2)$	$-\frac{q s^3}{12 l^2} (4 b + s)$
	$-\frac{q s^2}{8} \left(1 + \frac{b}{l} \right)^2$	$-\frac{q s^3}{12 l^2} (4 b + s)$	$-\frac{q s^2}{12 l^2} (6 b^2 + 4 b s + s^2)$
	$-\frac{q s}{16 l} (3 l^2 - s^2)$	$-\frac{q s}{24 l} (3 l^2 - s^2)$	$-\frac{q s}{24 l} (3 l^2 - s^2)$
	$-\frac{1}{15} q l^2$	$-\frac{1}{30} q l^2$	$-\frac{1}{20} q l^2$
	$-\frac{7}{120} q l^2$	$-\frac{1}{20} q l^2$	$-\frac{1}{30} q l^2$

Belastungsfall			
	$M_{b a}$	$M_{a b}$	$M_{b a}$
	$-\frac{q s^2}{120} \left(20 - 15 \frac{s}{l} + 3 \frac{s^2}{l^2} \right)$	$-\frac{q s^3}{60 l} \left(5 - \frac{3 s}{l} \right)$	$-\frac{q s^2}{60} \left(10 - 10 \frac{s}{l} + 3 \frac{s^2}{l^2} \right)$
	$-\frac{q s^2}{120} \left(10 - 3 \frac{s^2}{l^2} \right)$	$-\frac{q s^2}{60} \left(10 - 10 \frac{s}{l} + 3 \frac{s^2}{l^2} \right)$	$-\frac{q s^3}{60 l} \left(5 - \frac{3 s}{l} \right)$
	$-\frac{q a^2}{30} \left(5 - 3 \frac{a^2}{l^2} \right)$	$-\frac{q a^2}{30} \left(10 - 15 \frac{a}{l} + 6 \frac{a^2}{l^2} \right)$	$-\frac{q a^3}{20 l} \left(1 + 4 \frac{b}{l} \right)$
	$-\frac{q b^2}{120} \left(40 - 45 \frac{b}{l} + 12 \frac{b^2}{l^2} \right)$	$-\frac{q b^3}{20 l} \left(1 + 4 \frac{a}{l} \right)$	$-\frac{q b^2}{30} \left(10 - 15 \frac{b}{l} + 6 \frac{b^2}{l^2} \right)$
	$-\frac{5}{64} q l^2$	$-\frac{5}{96} q l^2$	$-\frac{5}{96} q l^2$
	$-\frac{q l^2}{64} \left(1 + \frac{b}{l} \right) \left(5 - \frac{b^2}{l^2} \right)$	$-\frac{q l^2}{96} \left(1 + \frac{b}{l} \right) \left(5 - \frac{b^2}{l^2} \right)$	$-\frac{q l^2}{96} \left(1 + \frac{b}{l} \right) \left(5 - \frac{b^2}{l^2} \right)$

Einflußlinien für die Einspannmomente des einseitig bzw. beiderseitig eingespannten Balkens

$\frac{x}{l}$			
	$M_{b a}$	$M_{a b}$	$M_{b a}$
0,1	$-0,0495 \cdot l$	$-0,0810 \cdot l$	$-0,0090 \cdot l$
0,2	$-0,0960$	$-0,1280$	$-0,0320$
0,3	$-0,1365$	$-0,1470$	$-0,0630$
0,4	$-0,1680$	$-0,1440$	$-0,0960$
0,5	$-0,1875$	$-0,1250$	$-0,1250$
0,6	$-0,1920$	$-0,0960$	$-0,1440$
0,7	$-0,1785$	$-0,0630$	$-0,1470$
0,8	$-0,1440$	$-0,0320$	$-0,1280$
0,9	$-0,0855$	$-0,0090$	$-0,0810$
1	0	0	0