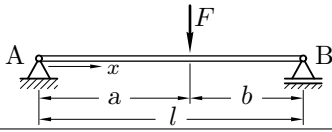
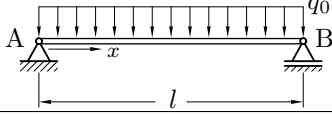
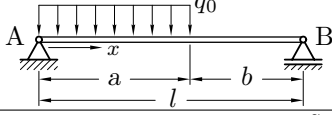
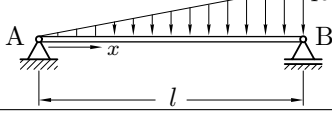
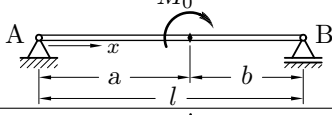
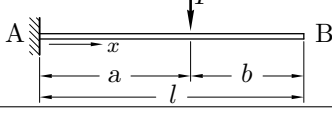
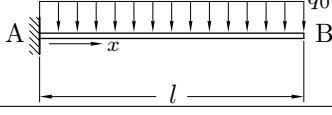
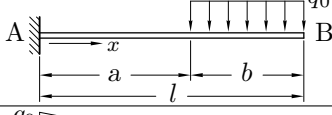
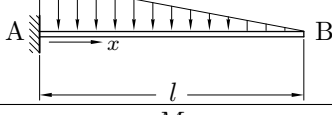
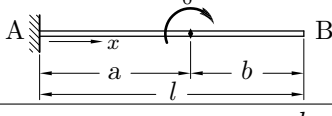


Nr.	Lastfall	$EI w'_A$	$EI w'_B$	$EI w(x)$	$EI w_{\max}$
1		$\frac{Fl^2}{6} (\beta - \beta^3)$	$-\frac{Fl^2}{6} (\alpha - \alpha^3)$	$\frac{Fl^3}{6} [\beta \xi (1 - \beta^2 - \xi^2) + \langle \xi - \alpha \rangle^3]$	$\frac{Fl^3}{48}$ für $a = b = \frac{l}{2}$
2		$\frac{q_0 l^3}{24}$	$-\frac{q_0 l^3}{24}$	$\frac{q_0 l^4}{24} (\xi - 2\xi^3 + \xi^4)$	$\frac{5q_0 l^4}{384}$
3		$\frac{q_0 l^3}{24} (1 - \beta^2)^2$	$\frac{q_0 l^3}{24} [4(1 - \beta^3) - 6(1 - \beta^2) + (1 - \beta^2)^2]$	$\frac{q_0 l^4}{24} [\xi^4 - \langle \xi - \alpha \rangle^4 - 2(1 - \beta^2)\xi^3 + (1 - \beta^2)^2 \xi]$	
4		$\frac{7q_0 l^3}{360}$	$-\frac{q_0 l^3}{45}$	$\frac{q_0 l^4}{360} (7\xi - 10\xi^3 + 3\xi^5)$	
5		$\frac{M_0 l}{6} (3\beta^2 - 1)$ $[-\frac{M_0 l}{6} \text{ für } b=0]$	$\frac{M_0 l}{6} (3\alpha^2 - 1)$ $[\frac{M_0 l}{3} \text{ für } b=0]$	$\frac{M_0 l^2}{6} [\xi (3\beta^2 - 1) + \xi^3 - 3 \langle \xi - \alpha \rangle^2]$	$\frac{\sqrt{3}M_0 l^2}{27}$ für $a=0$
6		0	$\frac{Fa^2}{2}$	$\frac{Fl^3}{6} [3\xi^2 \alpha - \xi^3 + \langle \xi - \alpha \rangle^3]$	$\frac{Fl^3}{3}$ für $a=l$
7		0	$\frac{q_0 l^3}{6}$	$\frac{q_0 l^4}{24} (6\xi^2 - 4\xi^3 + \xi^4)$	$\frac{q_0 l^4}{8}$
8		0	$\frac{q_0 l^3}{6} \beta (\beta^2 - 3\beta + 3)$	$\frac{q_0 l^4}{24} [\langle \xi - \alpha \rangle^4 - 4\beta \xi^3 + 6\beta (2 - \beta) \xi^2]$	
9		0	$\frac{q_0 l^3}{24}$	$\frac{q_0 l^4}{120} (10\xi^2 - 10\xi^3 + 5\xi^4 - \xi^5)$	$\frac{q_0 l^4}{30}$
10		0	$M_0 a$	$\frac{M_0 l^2}{2} [\xi^2 - \langle \xi - \alpha \rangle^2]$	$\frac{M_0 l^2}{2}$ für $a=l$
Erklärung: $\xi = \frac{x}{l}$, $\alpha = \frac{a}{l}$, $\beta = \frac{b}{l}$, $EI = \text{const}$, $w' = \frac{dw}{dx} = \frac{1}{l} \frac{dw}{d\xi}$, $\langle \xi - \alpha \rangle^n = \begin{cases} (\xi - \alpha)^n & \text{für } \xi > \alpha \\ 0 & \text{für } \xi \leq \alpha \end{cases}$					