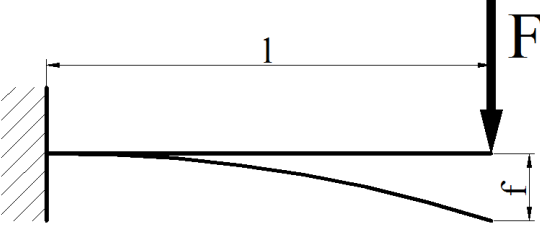
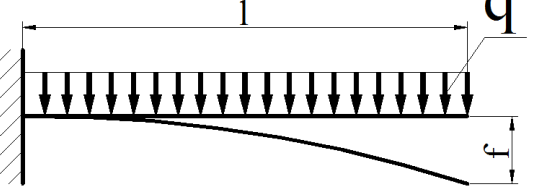
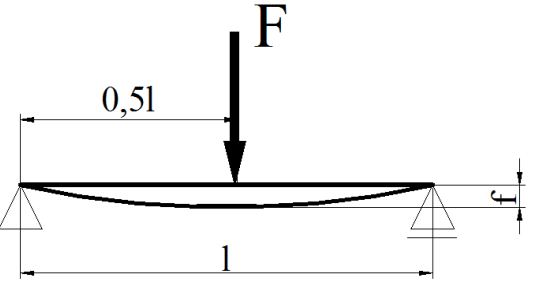
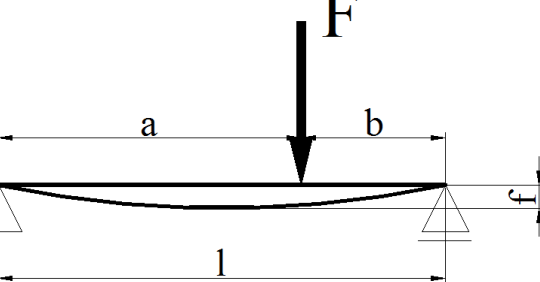
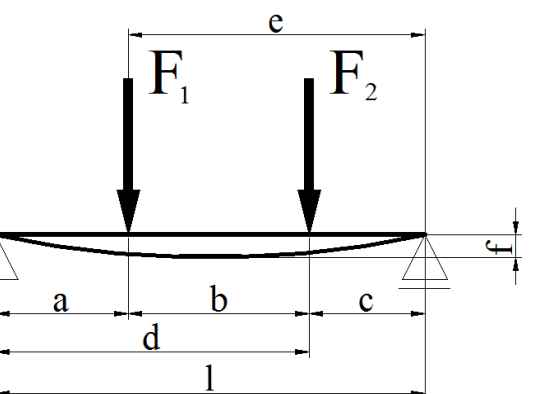
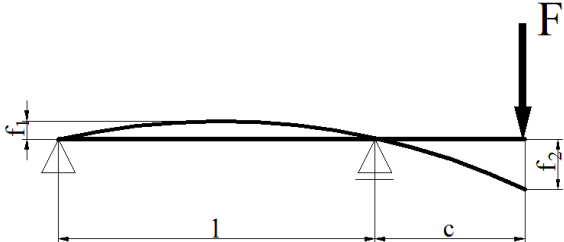
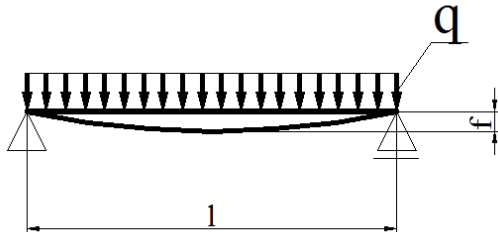


Wzory na strzałki ugięcia belek

Sposób obciążenia	Strzałki ugięcia
	$f = \frac{F \cdot l^3}{3EJ}$
	$f = \frac{q \cdot l^4}{8EJ}$
	$f = \frac{F \cdot l^3}{48EJ}$
	$f = \frac{F \cdot a^2 \cdot b^2}{3EJ \cdot l}$
	$f = \frac{F_1 \cdot a^2 \cdot e^2 + F_2 \cdot b^2 \cdot d^2}{3EJ \cdot l}$

 A diagram of a beam of length l supported at both ends. A point load F is applied at a distance c from the right end. The deflection at the left end is f_1 and at the right end is f_2.	$f_1 = \frac{F \cdot l^2 \cdot c}{3EJ}; \quad f_2 = \frac{F \cdot c^2}{3EJ} \cdot \left(c + \frac{3l}{2} \right)$
 A diagram of a beam of length l supported at both ends. A uniformly distributed load q is applied downwards. The deflection at the right end is f.	$f = \frac{5}{384} \cdot \frac{q \cdot l^4}{EJ}$