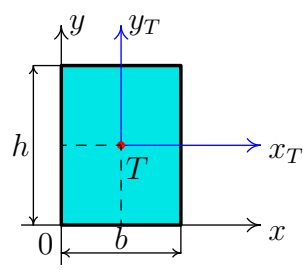
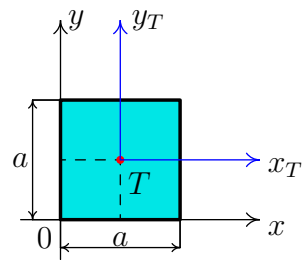
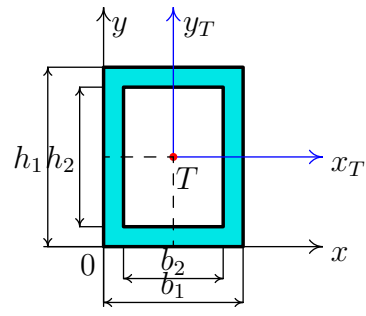
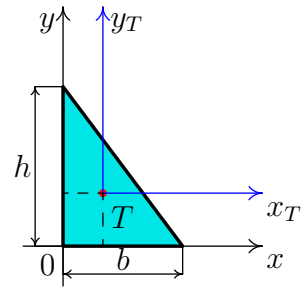
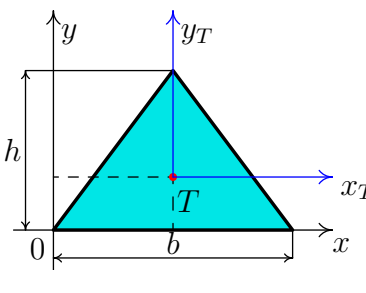
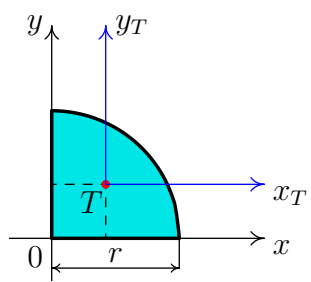
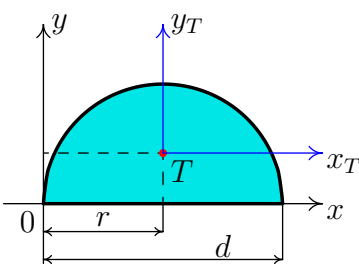
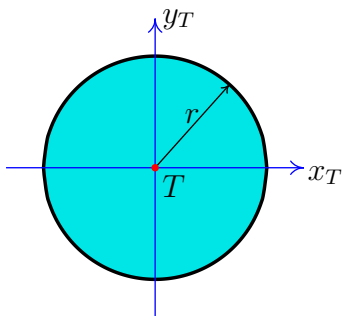
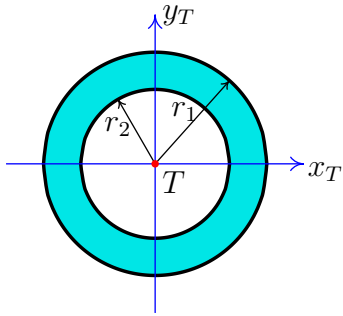


Momenty setrvačnosti základních průřezů

Průřez	Plocha	Těžiště	Momenty setrvačnosti
	$A = bh$	$x_T = \frac{1}{2}b$ $y_T = \frac{1}{2}h$	$I_{x_T} = \frac{1}{12}bh^3$ $I_{y_T} = \frac{1}{12}hb^3$
	$A = a^2$	$x_T = \frac{1}{2}a$ $y_T = \frac{1}{2}a$	$I_{x_T} = \frac{1}{12}a^4$ $I_{y_T} = \frac{1}{12}a^4$
	$A = b_1h_1 - b_2h_2$		$I_{x_T} = \frac{1}{12}(b_1h_1^3 - b_2h_2^3)$ $I_{y_T} = \frac{1}{12}(h_1b_1^3 - h_2b_2^3)$
	$A = \frac{1}{2}bh$	$x_T = \frac{1}{3}b$ $y_T = \frac{1}{3}h$	$I_{x_T} = \frac{1}{36}bh^3$ $I_{y_T} = \frac{1}{36}hb^3$
	$A = \frac{1}{2}bh$	$x_T = \frac{1}{2}b$ $y_T = \frac{1}{3}h$	$I_{x_T} = \frac{1}{36}bh^3$ $I_{y_T} = \frac{1}{48}hb^3$

Momenty setrvačnosti základních průřezů

Průřez	Plocha	Těžiště	Momenty setrvačnosti
	$A = \frac{1}{4}\pi r^2$	$x_T = \frac{4r}{3\pi}$ $y_T = \frac{4r}{3\pi}$	$I_{x_T} = r^4 \left(\frac{\pi}{16} - \frac{4}{9\pi} \right)$ $I_{y_T} = r^4 \left(\frac{\pi}{16} - \frac{4}{9\pi} \right)$
	$A = \frac{1}{2}\pi r^2$	$x_T = r$ $y_T = \frac{4r}{3\pi}$	$I_{x_T} = r^4 \left(\frac{\pi}{8} - \frac{8}{9\pi} \right)$ $I_{y_T} = \frac{1}{8}\pi r^4$
	$A = \pi r^2$		$I_{x_T} = \frac{1}{4}\pi r^4$ $I_{y_T} = \frac{1}{4}\pi r^4$
	$A = \pi (r_1^2 - r_2^2)$		$I_{x_T} = \frac{1}{4}\pi (r_1^4 - r_2^4)$ $I_{y_T} = \frac{1}{4}\pi (r_1^4 - r_2^4)$