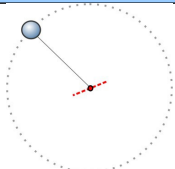
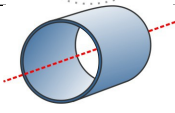
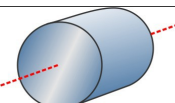
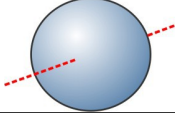
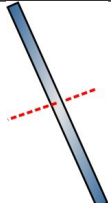
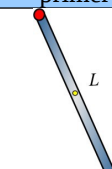
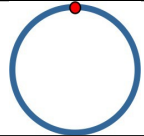
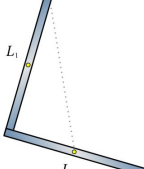


VZTRAJNOSTNI MOMENT TELESA

primer		Vztrajnostni moment
Majhna kroglica z maso m , ki kroži na razdalji r od vrtilišča.		$J = mr^2$
Tanek obroč oziroma tanka cev z maso m in polmerom r , ki se vrti okoli težišča.		$J = mr^2$
Vlaj z maso m in polmerom r , ki se vrti okoli težišča.		$J = \frac{1}{2}mr^2$
Krogla z maso m in polmerom r , ki se vrti okoli težišča.		$J = \frac{2}{5}mr^2$
Palica z maso m in dolžino L , ki se vrti okoli težišča.		$J = \frac{1}{12}mL^2$

primer	vztrajnostni moment
	$J = \frac{1}{12}mL^2 + m\left(\frac{L}{2}\right)^2 = \frac{1}{3}mL^2$
	$J = mr^2 + mr^2 = 2mr^2$
	$J = J_1 + J_2$ $J = \frac{1}{12}m_1L_1^2 + m_1\left(\frac{L_1}{2}\right)^2 + \frac{1}{12}m_2L_2^2 + m_2(L_1^2 + (L_2/2)^2)$