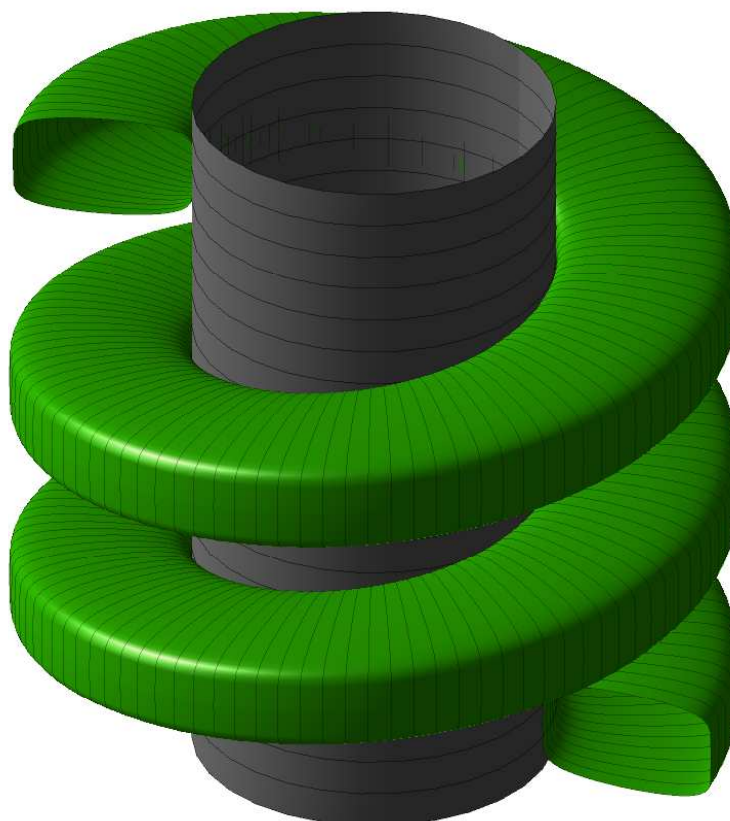
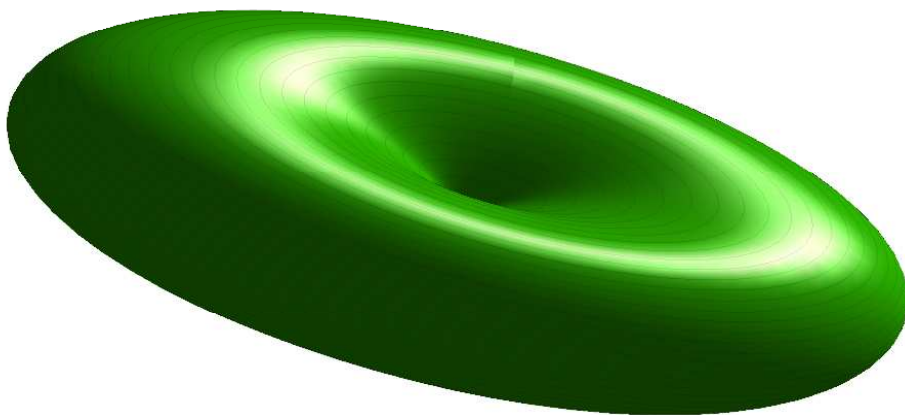


Graf funkce

$$f(x, y) = \frac{x^2y^2}{x^4 + y^4}$$

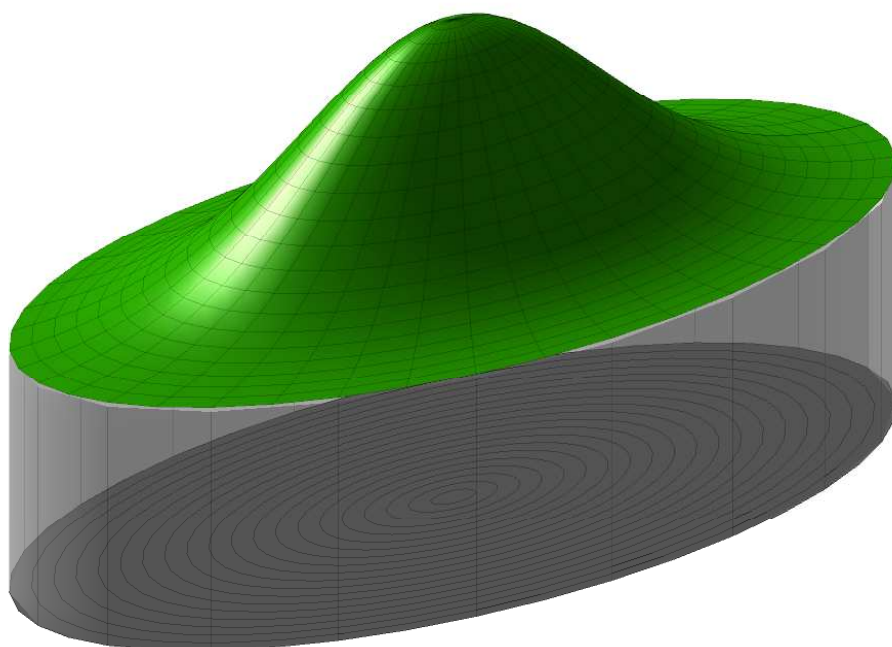


Šroubová plocha pseudoeliptického řezu



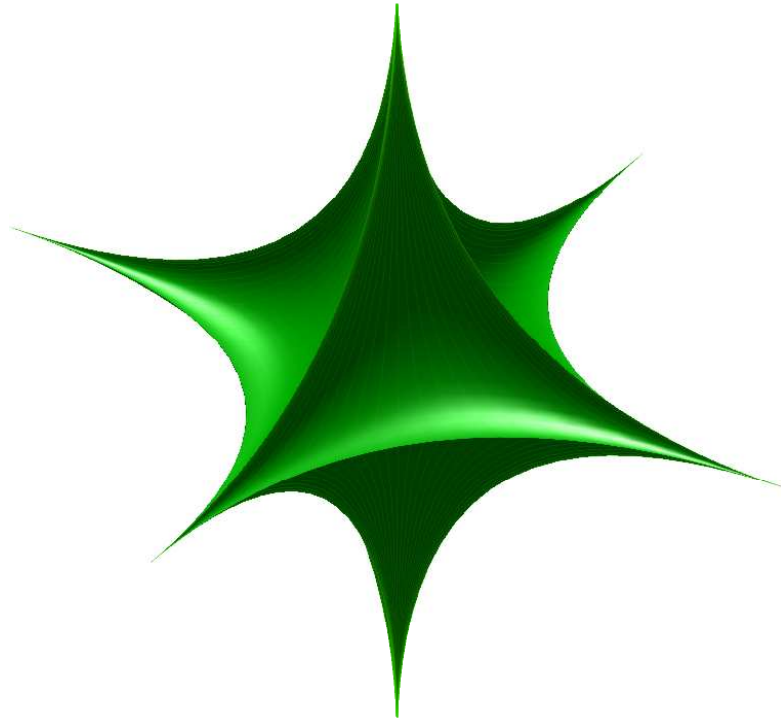
Těleso ohraničené plochou

$$\left(\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2}\right)^{3/2} = \frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2}$$



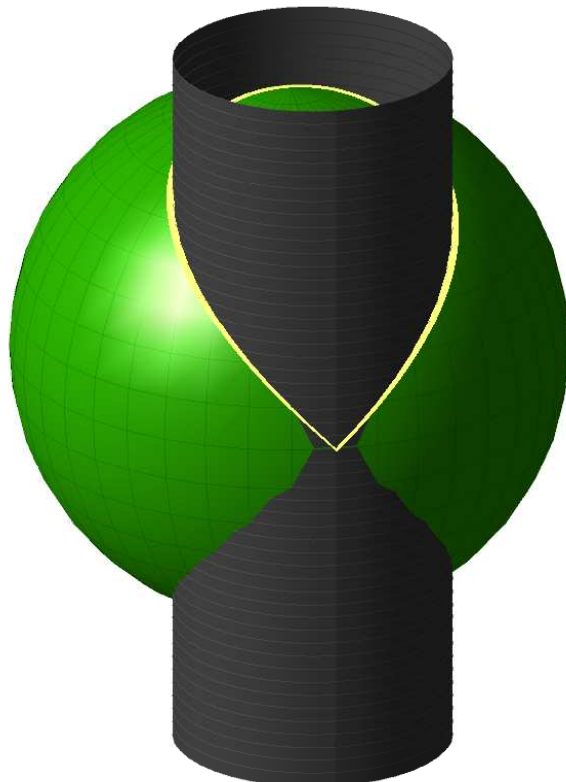
Těleso

$$T = \{(x, y, z) \in \mathbf{E}^3 : x^2 + 4y^2 \leq 4 \wedge 0 \leq z \leq 1 + e^{-x^2 - 4y^2}\}$$



Těleso

$$T = \{(x, y, z) \in \mathbf{E}^3 : \sqrt{|x|} + \sqrt{|y|} + \sqrt{|z|} \leq 1\}$$



Křivka

$$C = \{(x, y, z) \in \mathbf{E}^3 : x^2 + y^2 + z^2 = r^2 \wedge x^2 + y^2 = rx \wedge z \geq 0\}$$