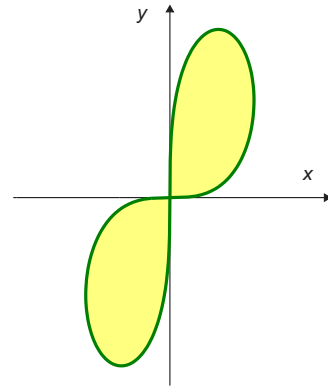
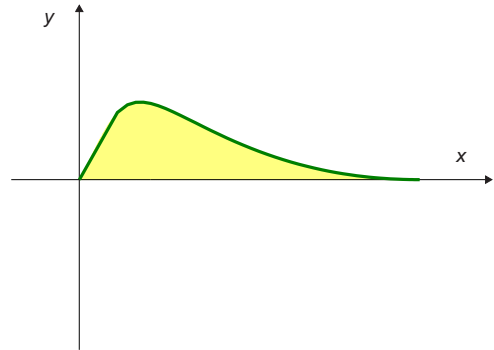


NĚKTERÉ PLOCHY V \mathbb{R}^2

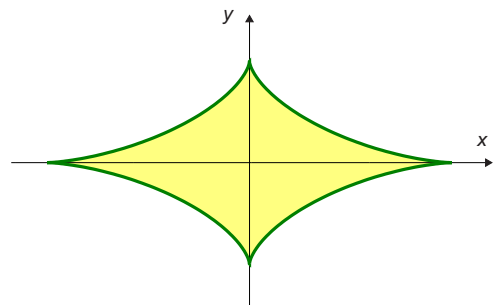
$$\frac{x^2}{a^2} + \frac{y^2}{b^2} \leq xy$$



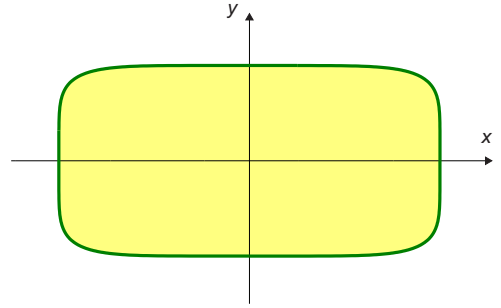
$$\left(\sqrt{\frac{x}{a}} + \sqrt{\frac{y}{b}}\right)^{10} \leq \frac{x}{a} - \frac{y}{b}$$



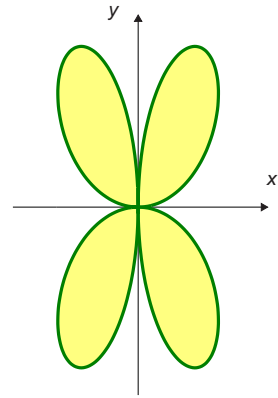
$$\left(\frac{x}{a}\right)^{\frac{3}{2}} + \left(\frac{y}{b}\right)^{\frac{3}{2}} \leq 1$$



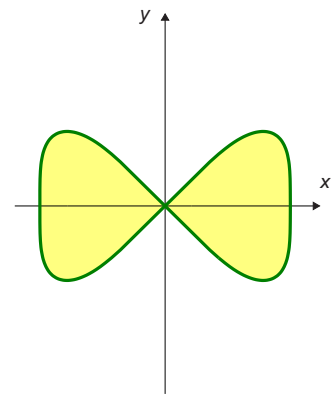
$$\frac{x^6}{a^6} + \frac{y^6}{b^6} \leq 1$$



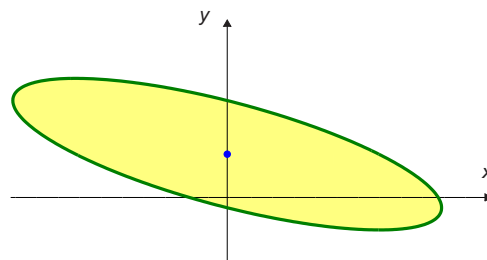
$$\left(\frac{x^2}{a^2} + \frac{y^2}{b^2}\right)^3 \leq 4 \frac{x^2 y^2}{a^2 b^2}$$



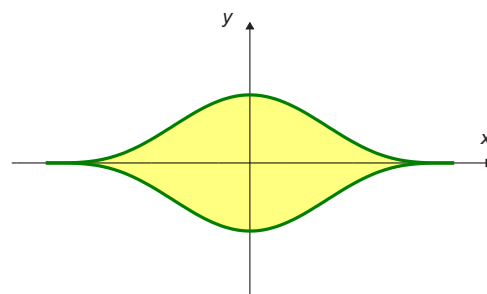
$$\left(\frac{x^4}{a^4} + \frac{y^4}{b^4}\right)^2 \leq \frac{x^4}{a^4} - \frac{y^4}{b^4}$$



$$x^2 + 8y^2 + 4xy - 8x - 32y < 17$$



$$\frac{x^2}{a^2} + \left(\frac{|y|}{b}\right)^{\frac{1}{4}} \leq 1$$



$$\left(\frac{x^4}{a^4} + \frac{y^4}{b^4}\right)^{\frac{3}{2}} \leq \frac{x^4}{a^4} - \frac{y^4}{b^4}$$

