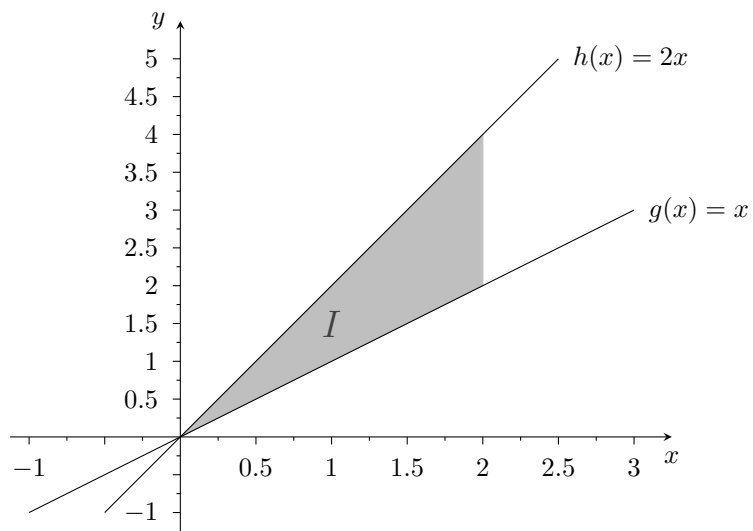
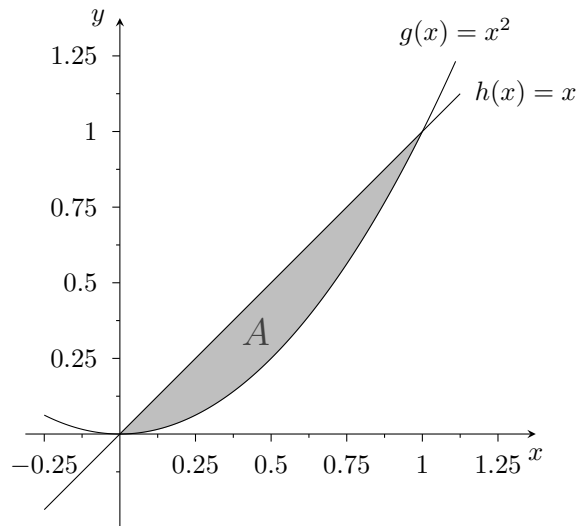
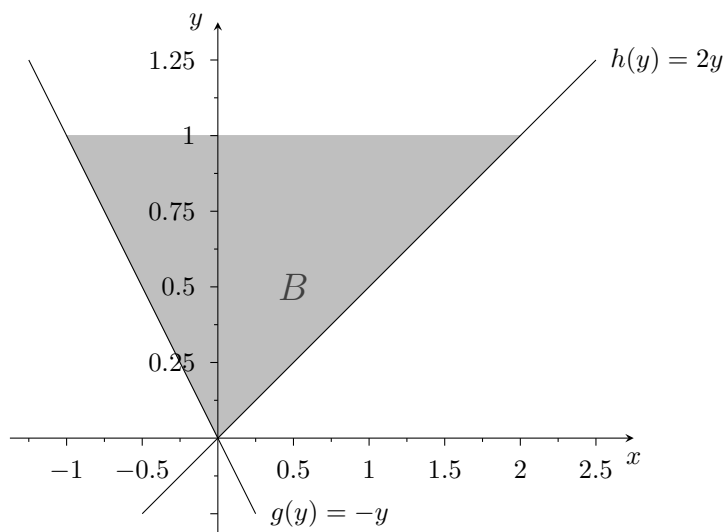




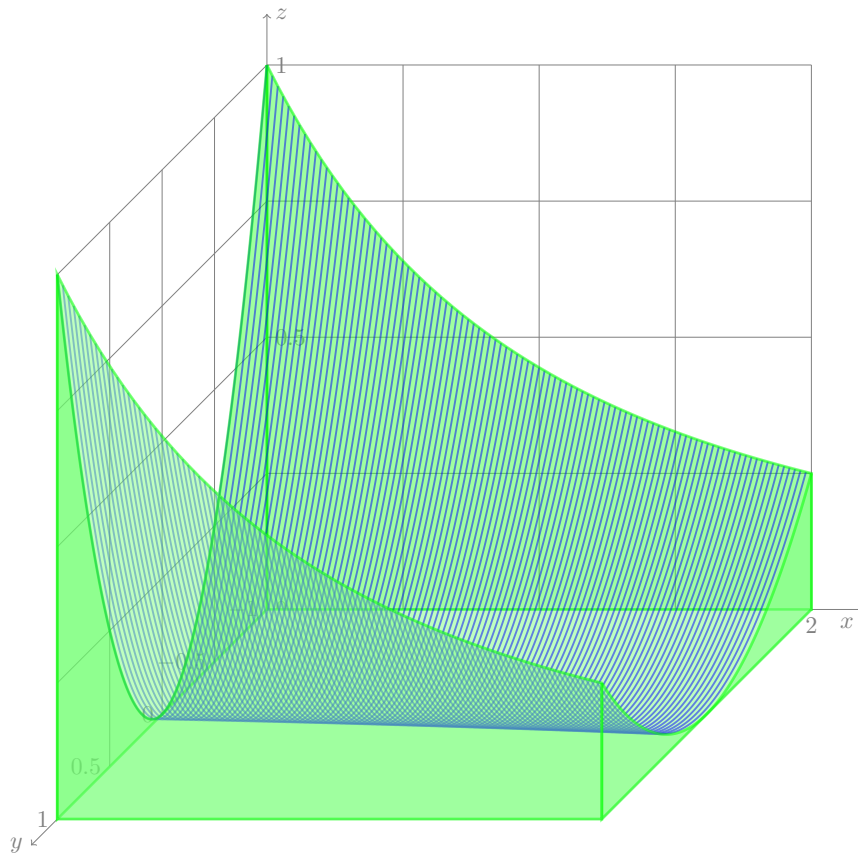
$$I = \{(x, y) \in \mathbb{R}^2 \mid 0 \leq x \leq 1, \ g(x) \leq y \leq h(x)\}$$



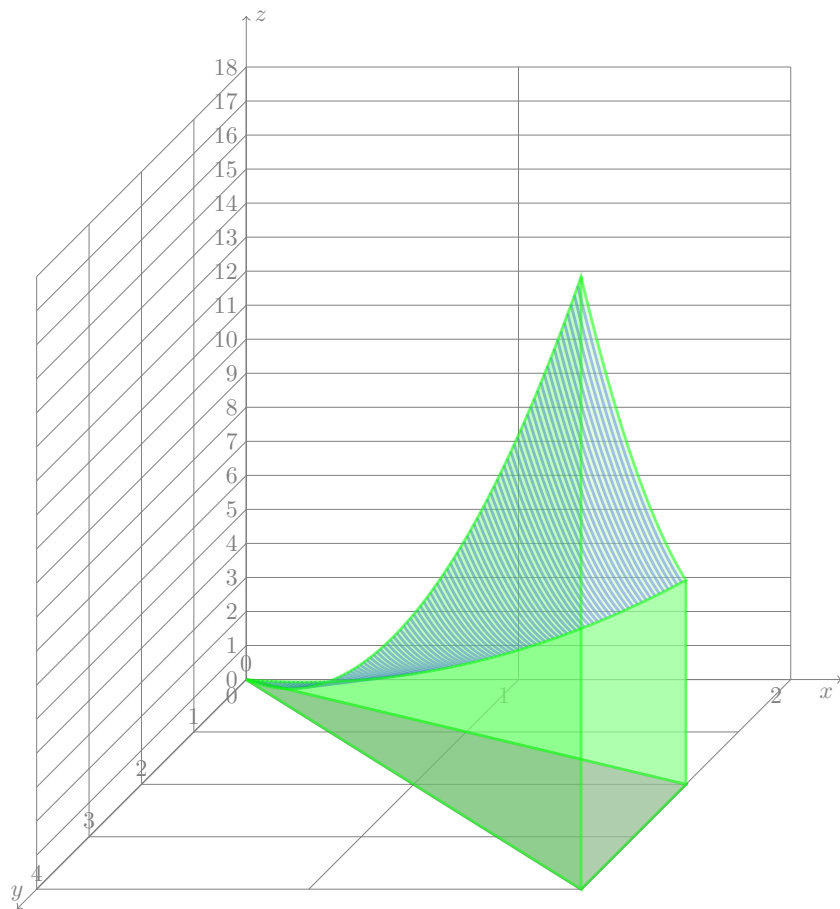
$$A = \{(x, y) \in \mathbb{R}^2 \mid 0 \leq x \leq 1, \ g(x) \leq y \leq h(x)\}$$



$$B = \{(x, y) \in \mathbb{R}^2 \mid 0 \leq y \leq 1, \ g(y) \leq x \leq h(y)\}$$



Volumen zwischen der Rechteckfläche $A = [1, 2] \times [-1, 1]$ und dem Graph der Funktion $f(x, y) = \frac{y^2}{x^2}$.



Volumen zwischen dem Normalbereich $A = \{(x, y) \in \mathbb{R}^2 \mid 0 \leq x \leq 2, x \leq y \leq 2x\}$ und dem Graph der Funktion $f(x, y) = x + y^2$.