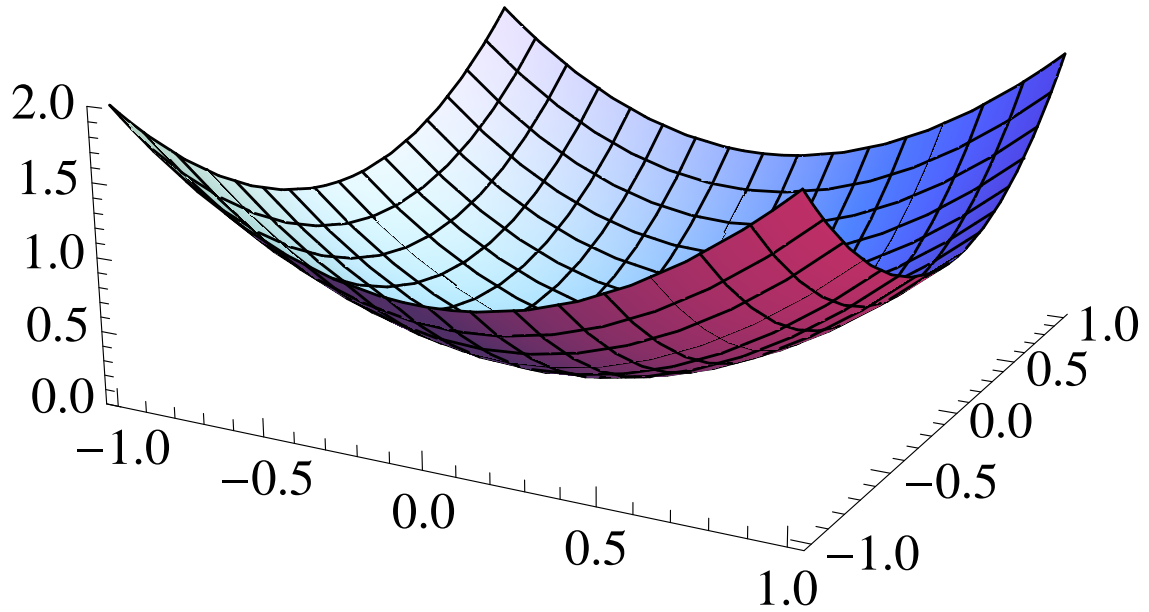


$$f: \mathbb{R}^2 \setminus \{(0, 0)\}, \quad f(x, y) = x^2 + y^2$$



$$f: \mathbb{R}^2 \setminus \{(0, 0)\}, \quad f(x, y) = \frac{xy}{x^2 + y^2}$$

