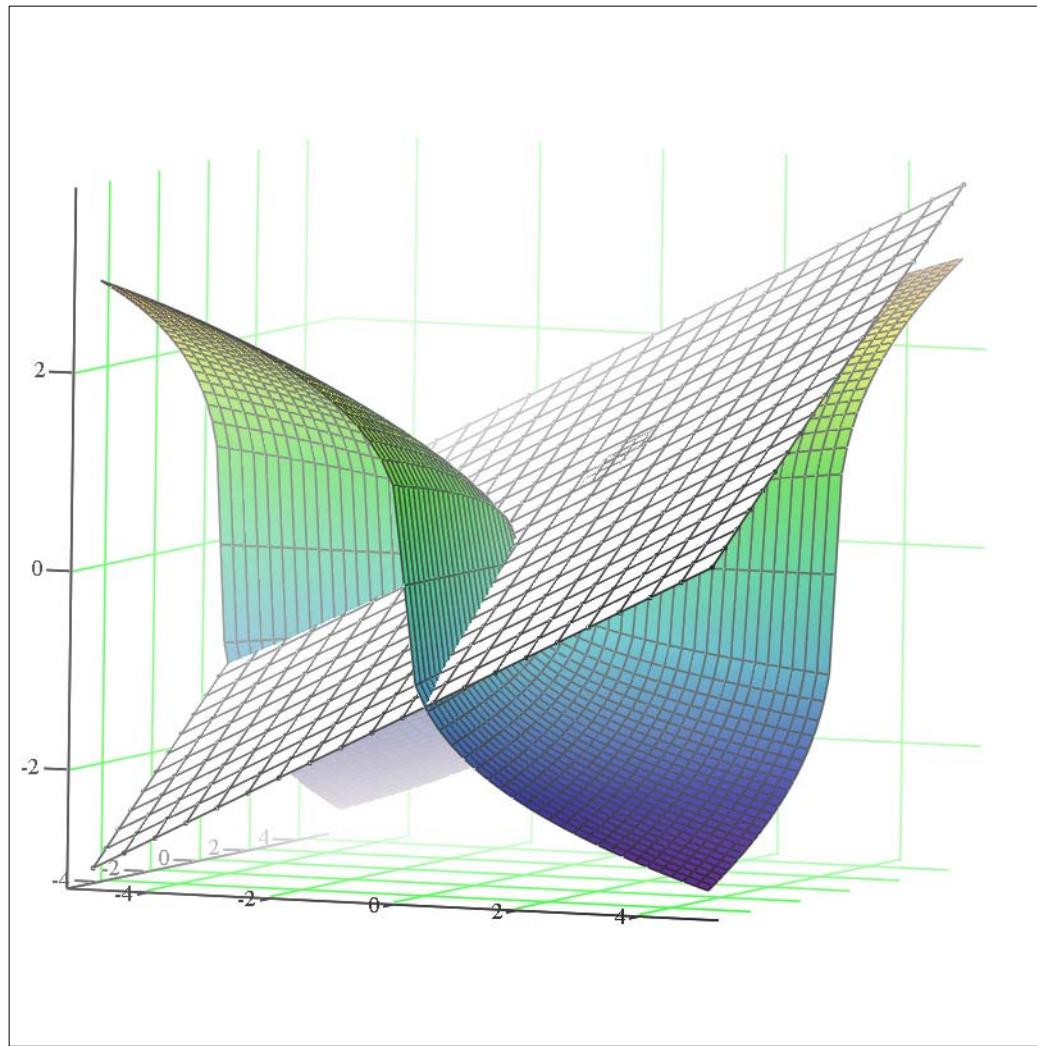


$$u(x, y) := \sqrt[3]{x \cdot y}$$

$$x_0 := 1 \quad y_0 := 1 \quad u_0 := u(x_0, y_0)$$

$$ux(x, y) := \frac{d}{dx} u(x, y) \quad ux_0 := ux(x_0, y_0) \quad uy(x, y) := \frac{d}{dy} u(x, y) \quad uy_0 := uy(x_0, y_0)$$

$$v(x, y) := u_0 + ux_0 \cdot (x - x_0) + uy_0 \cdot (y - y_0)$$



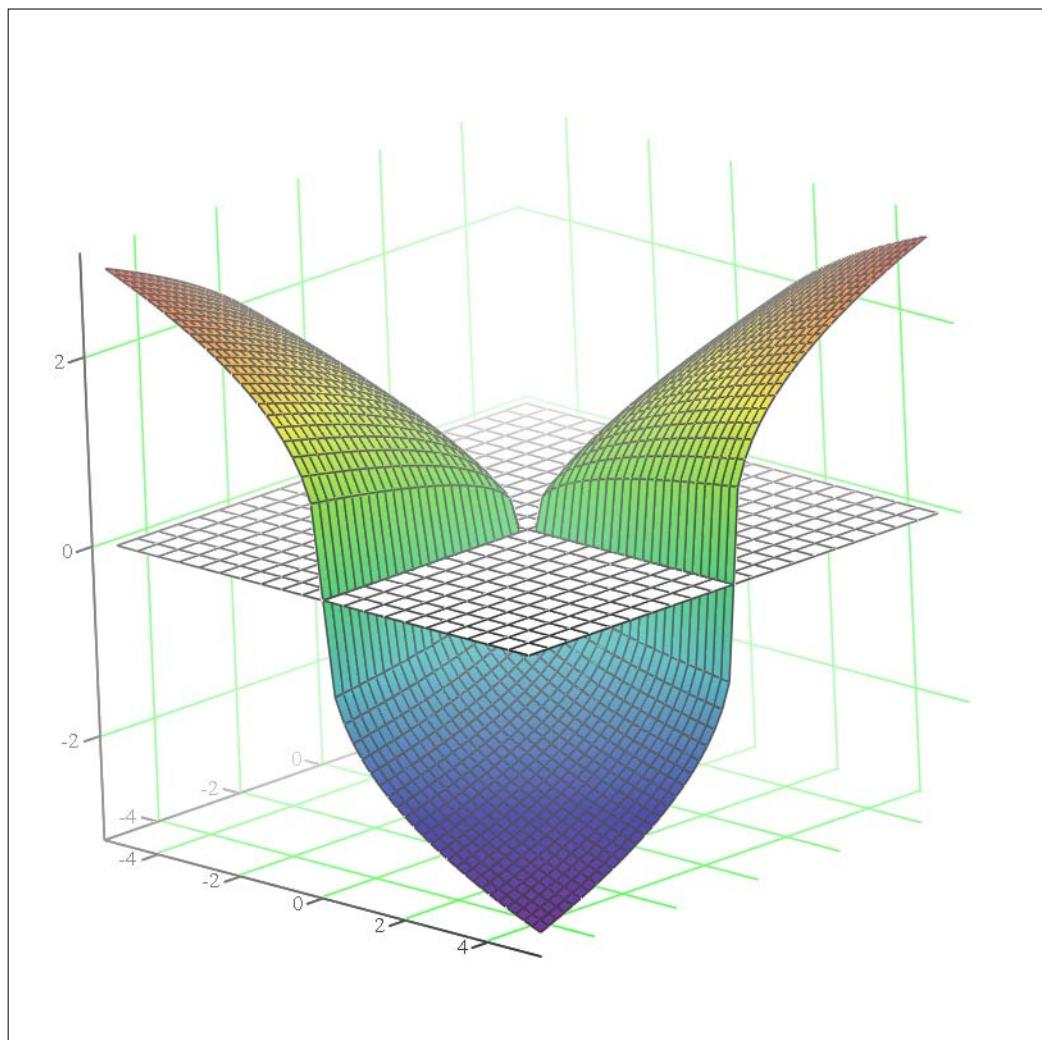
u, v

$$\textcolor{brown}{u}(x, y) := \sqrt[3]{x \cdot y}$$

$$\textcolor{brown}{x}_0 := 0 \quad \textcolor{brown}{y}_0 := 0 \quad \textcolor{brown}{u}_0 := u(x_0, y_0)$$

$$\textcolor{brown}{u}_x(x, y) := \frac{d}{dx} u(x, y) \quad \textcolor{brown}{u}_x_0 := ux(x_0, y_0) \quad \textcolor{brown}{u}_y(x, y) := \frac{d}{dy} u(x, y) \quad \textcolor{brown}{u}_y_0 := uy(x_0, y_0)$$

$$\textcolor{brown}{v}(x, y) := u_0 + ux_0 \cdot (x - x_0) + uy_0 \cdot (y - y_0)$$



u, v