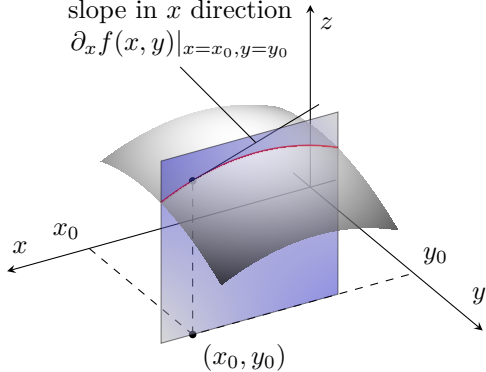


slope in x direction

$$\partial_x f(x, y)|_{x=x_0, y=y_0}$$



slope in y direction

$$\partial_y f(x, y)|_{x=x_0, y=y_0}$$

