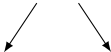
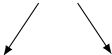


$$f(x, y)$$



$$\frac{\partial f}{\partial x}(x, y)$$

$$\frac{\partial f}{\partial y}(x, y)$$



$$\frac{\partial^2 f}{\partial x^2} = f_{xx} \quad \frac{\partial^2 f}{\partial x \partial y} = f_{xy} \quad \frac{\partial^2 f}{\partial y \partial x} = f_{yx} \quad \frac{\partial^2 f}{\partial y^2} = f_{yy}$$