Newtons optimization *

Let f(x,y) be a convex function, need to be

task: Find the minimum of f(xy). le find (Xy) such that f/(x,y) = 0.

$$\theta = \begin{bmatrix} x_0 \\ y_0 \end{bmatrix}$$
 initial Values

S(xy) = x2+43 | x0]= [10]

At in The state of
$$\Delta x$$
 in Δt in

$$\Theta := \Theta - \begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix} \begin{bmatrix} 20 \\ 20 \end{bmatrix}$$