ASSIGNMENT - 2

Find the global menemum poent and value for the

Manual Calculations:

$$\frac{\text{Step a}}{\text{Ox}} : \frac{\text{Ot}}{\text{Ox}} : \text{ax} = \text{a(1)} = \text{a}$$

Sty 3:
$$\Delta x = -\eta \frac{\partial f}{\partial x} = (-0.1)(2) = -0.2$$

$$\Delta y = -\gamma \frac{\partial f}{\partial y} = (-0.1)(-2) = 0.2$$

$$\frac{1}{100} = \frac{1}{100} = \frac{1}$$

$$\Delta x = -\frac{7}{0} \frac{\partial f}{\partial x} = (-0.1)(1.6) = -0.16$$

$$\Delta y = -\frac{7}{0} \frac{\partial f}{\partial y} = (-0.1)(-1.6) = 0.16$$

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