$$P = (1,1)$$

 $\vec{v} = (-1,2)$ $\vec{v} = -\vec{i} + 2\vec{j}$

$$D \overrightarrow{M} + (1,1) = \left(y^2 - 9x^2 y \right) \left((1,1) \right) = \frac{5}{5} + \left(2xy - 3x^3 \right) \cdot \left(2\sqrt{5} \right)$$

$$(1-9) \times (-\frac{\sqrt{5}}{5}) + (-1) \frac{2\sqrt{5}}{5}$$

$$\frac{8\sqrt{5}}{5} - 2\sqrt{5} = 6\sqrt{5}$$

$$\overline{\nabla f}(x,y) = \left(\frac{y}{x}, \ln(x) + 2y\right)$$

miTOS