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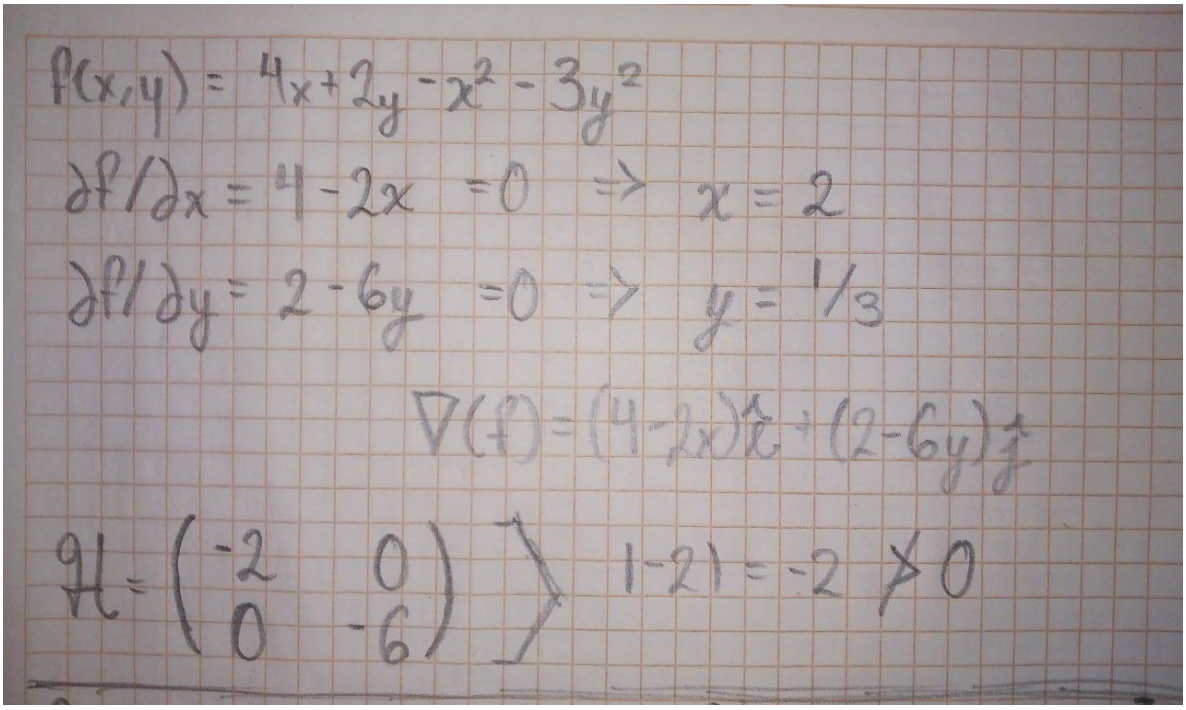
Hessiano

Martínez Coronel Brayan Yosafat

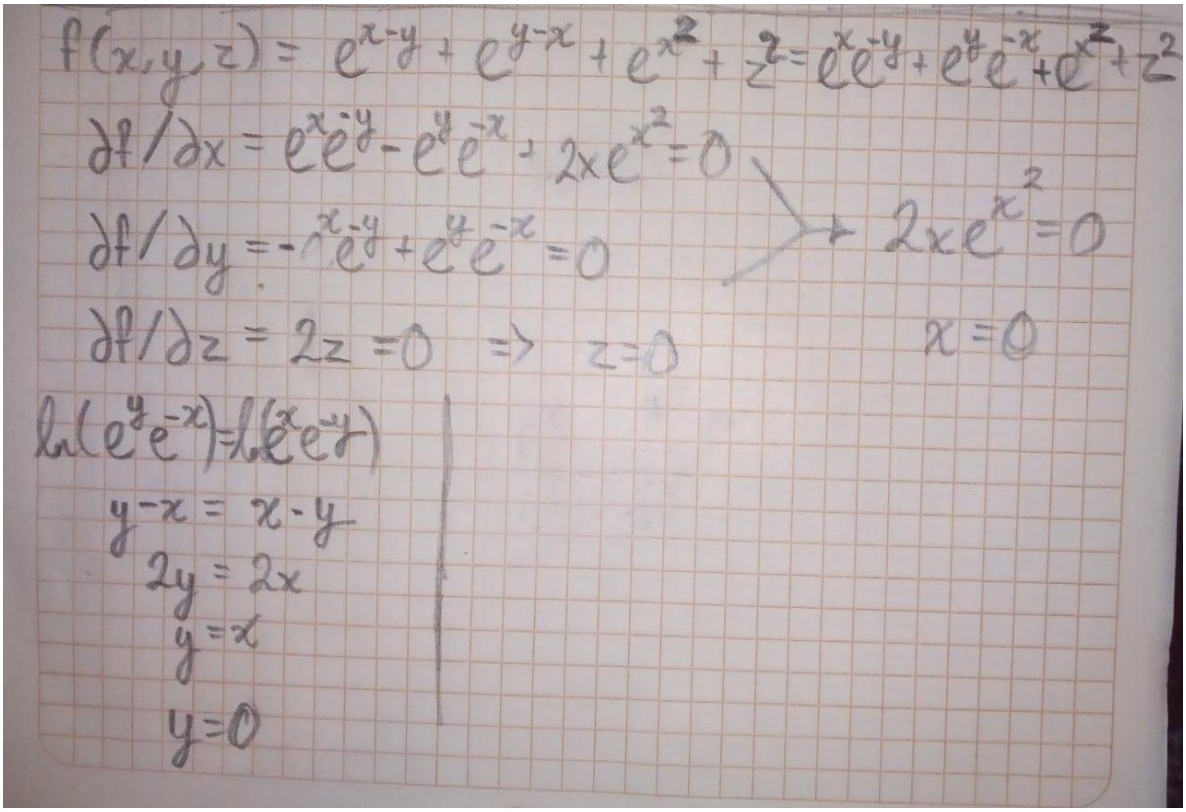
Evolutionary Computing

TRIGUEROS ROSAS JORGE LUIS

Problema 1



Problema 2



$$\mathcal{H} = \begin{pmatrix} e^{x-y} + e^{y-x} + 4x^2e^{x^2} + 2e^{x^2} & -e^{x-y} - e^{y-x} & 0 \\ -e^{x-y} - e^{y-x} & e^{x-y} + e^{y-x} & 0 \\ 0 & 0 & 2 \end{pmatrix}$$

$$\mathcal{H}(0,0,0) = \begin{pmatrix} 4 & -2 & 0 \\ -2 & 2 & 0 \\ 0 & 0 & 2 \end{pmatrix}$$

$|M_1| = 4$

$|M_2| = 8 - 4 = 4$

$|M_3| = 16 + 0 + 0 - [0 + 0 + 8] = 8$

Mínimo local