Lagrange Multiplies

$$f(s) = f(x_1, y_1, ..., y_n)$$

who  $f(s)$ 
 $f(s) = \begin{cases} \frac{\partial f}{\partial x_1} \\ \frac{\partial f}{\partial x_2} \\ \frac{\partial f}{\partial x_3} \end{cases} = \begin{cases} \frac{\partial f}{\partial x_1} \\ \frac{\partial f}{\partial x_2} \\ \frac{\partial f}{\partial x_3} \\ \frac{\partial f}{\partial x_3}$ 

 $\frac{\partial f}{\partial x} = 2x - \lambda = 0 I$   $\frac{\partial f}{\partial y} = 2y + \lambda = 0 I$   $\frac{\partial f}{\partial y} = y - x - 2 = 0 I$   $\frac{$