Lagrange Multipliers is a stratigy for finding the local maxima & minima of a function subject to Equality constraints.

The great advantage y this method is Wiki Vector field -> y a function say $f(x, y) = \begin{cases} n^2 + y^2 \\ 2x - y^2 \end{cases}$ if has 20 inpt vector sector felds can higher than to improve the graph.

I has 2 dimensional some surprised on the xy coordinate yeter 4 add

the fency ballow of to x, y pints

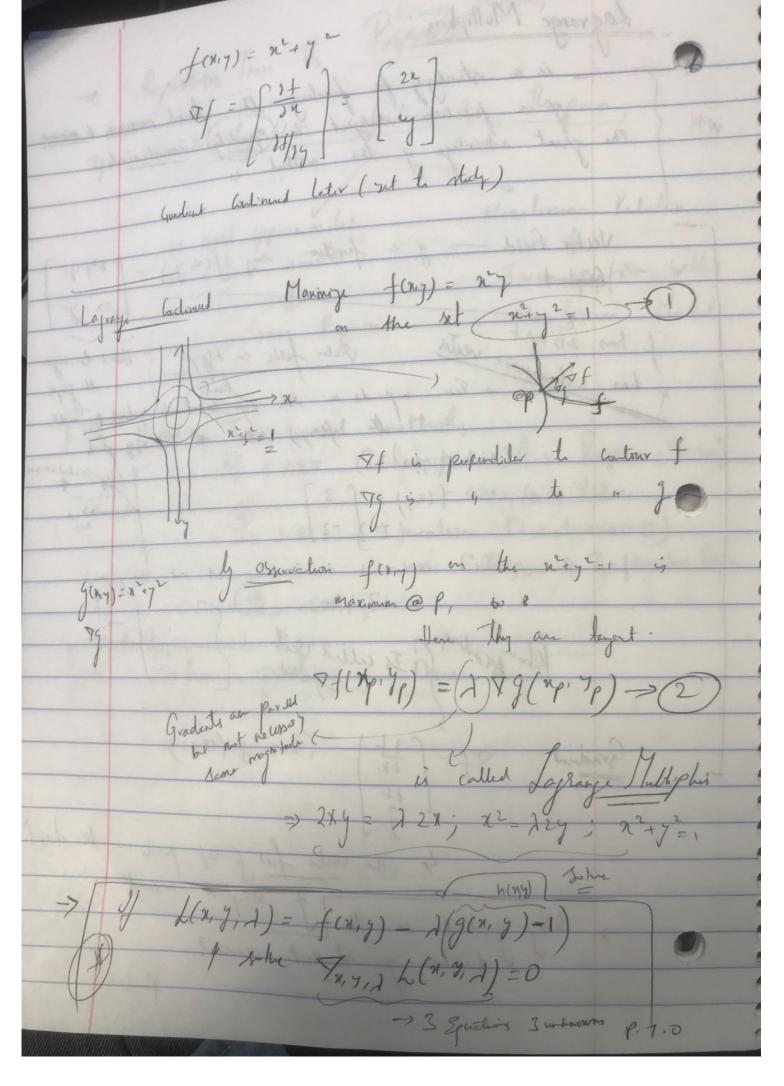
En: (x,y) = 1/2

f (ung) = \(\frac{3}{2} \)

I was x 112 + 3 -2 so at Every pre Charpeaters Is called Out Gradient of - (En: J fexig) Why gradent is the It steepest ascent?

P. T. D

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Satisfies Constilin (Wen = ag min www susject to Xw = y