

ASSIGNMENT

For the assignment, read 14.8.

- p. 852 4, 7, 17, 23

TAKE-AWAYS

After reading this section, attending this class and doing this homework you should

- know the theorem of Lagrange multipliers
- know how to use it to find local mins and maxes
- realize that sometimes to argue that a local extremum is a global extremum, you have to use some kind of geometric reasoning