Math 18 fall 2010

Homework Set #5

due Thursday October 7, 2010 at noon

Topics covered: differentiability, differentials, local linear approximation, chain rule, directional derivatives, gradient

Suggested reading[1]: Sections 13.4-6

Problems:

Sections	13.4	13.5	13.6
Problem no.	10,23,29,38,59,63	9,17,28,38,47,55,56	14,22,35,44,51,61,64,81

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[1]All problems and readings are from H.Anton, I.Bivens and S.Davis, Calculus Multivariable, 9 edition