Math 18 fall 2010

Homework Set #3

due Thursday September 23, 2010 at noon

Topics covered: cylindrical and spherical coordinates, vector valued functions (definition, limits, derivatives, tangent and normal vectors)

Suggested reading[1]: Sections 11.8, 12.1, 12.2 (848-852) and 12.4 (868-9)

Problems:

Sections	11.8	12.1	12.2	12.4
Problem no.	2,6,21,30,52,53	22,25,37,40	2,10,19	7,11

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