Calculus IV B Term, Section B09A
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November 22, 2004

Week 4: Reading and Exercises

Reading

Please finish reading Chapter 15. Reading section 15.9 (on Lagrange multipliers) is OPTIONAL, but it's also interesting.

Practice Exercises

NOTE: Do not hand in.

If you have any questions about these problems, please discuss them in conference or come see me.

- Section 15.5: p660, 5–25 (odd).

- Section 15.6: p665, 1–21 (odd), 31.

- Section 15.7: p669-70, 1-9 (odd), 15,17,19.

- Section 15.8: p674-5, 1–21 (odd).

Homework

NOTE: Do not hand in.

Write for yourself a one-page summary of the course so far. Go back over the sections we've covered and try to extract the most important ideas and results. Devote perhaps a sentence to each section and a sentence to each major concept or theorem, with particular attention to how things fit together. Limit yourself to one page as a way to force yourself to prioritize material and make judgements.