18.022: Multivariable calculus — Fall 2006

Due by 1:45 PM, Room 2-106, Friday 9/15.

Each problem carries different credits as noted next to the problem number. Note that we use 3rd edition of the text for reference and earlier editions may number problems differently. Whilst you may attempt problems in any order, graders will appreciate if you hand in your problems in order. By all means, please try to help the graders.

1. (5 points)1.1.22

2. (5 points)1.1.25

3. (5 points)1.2.4

4. (5 points)1.2.5

5. (5 points)1.2.6

6. (5 points)1.2.7

7. (10 points)1.2.11

8. (5 points)1.2.13

9. (5 points)1.2.16

10. (5 points)1.2.17

11. (5 points)1.2.26

12. (5 points)1.2.29

13. (5 points)1.2.35

14. (10 points)1.2.38

15. (5 points)1.3.20

16. (10 points)1.3.24

17. (5 points)1.3.28

Total: 100 points