AME 60611

Homework 7

Due: Friday 18 October 2013, in class

1. Kaplan, p. 128: 8c; give a plot showing the surface and the tangent plane at the point indicated.

2. Kaplan, p. 129: 15b

3. Kaplan, p. 186: 14; use Cartesian index notation for this problem.

4. Kaplan, p. 195: 6

5. Kaplan, p. 287: 5c

6. Kaplan, p. 301: 2d

7. Kaplan, p. 312: 1c; Plot the curve C in xyz space

8. Course notes, 6.5

9. Course notes, 6.16

10. Course notes, 6.25