

Spring, 2015

MATH 4250/6250  
PROBLEM SET #6

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DUE March 24, 2015.

**Instructions:** Turn in (at least) five problems of your choice, but **including any underlined problem(s)**. Graduate students should include at least one “pyramid” problem.

*Problems to work but not hand in:*

§2.3: #2d, 9.

§2.4: #4.



§2.3: #1, 3 and 4, 6, 8, 12.

§2.4: #7, 8.



§2.3: #13, 14, 15, 16, 17\*.



§2.3: #18, 19<sup>†</sup>.

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\*Provided you do #16, of course.

<sup>†</sup>It would be good to use Mathematica to draw the surfaces—or at least the profile curves