

Second Homework Assignment for Math 232 (D200)

Due: Friday, September 25th.

All section references are to the Lay text.

Problems to hand in:

Section 1.3 problems 8, 14, 26

Section 1.4 problems 12, 18, 22, 28, 34

Section 1.5, problem 12

Describe the solutions of the following system of equations in parametric vector form:

$$\begin{array}{cccccc} x_1 & & +3x_3 & +x_4 & = & 1 \\ -x_1 & +2x_2 & +x_3 & +x_4 & = & 3 \\ -x_1 & +x_2 & -x_3 & & = & 1 \end{array}$$

Some other problems you should try:

I again recommend the practice problems and the true-false problems. For Sections 1.3, 1.4 and 1.5 the true-false problems are numbers 23 and 24.

Reading for this week:

For Wednesday, Section 1.6.

For Friday, Section 1.7.

Miscellaneous:

You might have a quick look at the math department's "survival guide" for second to fourth year math courses. Those interested in math majors or minors will find this information especially worthwhile:

<http://www.math.sfu.ca/ugrad/guide2.shtml>