

## Math 231 Homework Problems #3

ORDINARY DIFFERENTIAL EQUATIONS AND LINEAR ALGEBRA: A SYSTEMS APPROACH, by T. Kapitula  
(required)

3000 SOLVED PROBLEMS IN LINEAR ALGEBRA, by S. Lipschutz (optional)

DIFFERENTIAL EQUATIONS (4TH EDITION), by R. Bronson and G. Costa (optional)

Those problems marked in **red boldface** are to be handed in for grading.

### Kapitula

- 1.8: **1,2,3,4,5,6,7,8,9,10**,16
- 1.9: 1,2,3,4,**5**
- 1.10: 1,2,3,4,5,**6,7,8,9**
- 1.11: 1,2,3,4,**5,6,7**

### Lipschutz

- 8.4: 53-56
- 8.5: 71-79
- 8.6: 86,87,90,91
- 8.7: 97-103
- 5.2: 9-17
- 5.3: 26-29,31-36
- 5.5: 73-75