Due: Monday Dec. 5/05. **NOTE new due date!** (Show details of your work. Grade is out of 46. In addition, there are 16 bonus marks.)

Part I

Questions

1 Page 254, Problem 20

4 marks

2 Page 254, Problem 24

4 marks

3 Page 255, Problem 36

4 marks

(This can be done using MATLAB or by hand. But, in either case, show your work carefully.)

4 Page 261, Problem 12,14

6 marks

5 Page 261, Problem 22

4 marks

6 Page 269, Problem 4

4 marks

7 Page 269, Problem 4,6

6 marks

8 Page 270, Problem 28

6 marks

9 Page 276, Problem 12,14

8 marks

Part II

BONUS Questions

10 Page 382, Problem 16,18

4 marks

11 Page 383, Problem 30

6 marks

12 Page 392, Problem 4,10,12

6 marks