



**DEPARTMENT OF MECHANICAL ENGINEERING AND MATERIALS SCIENCE
RICE UNIVERSITY**

**MECH 343: MODELING DYNAMIC SYSTEMS
Homework #6**

Laplace Transforms and Transfer Functions

Due: Wednesday, October 25, 2006

1. [20 points] Do problem 7.6 from the textbook.
2. [20 points] Do problem 7.12 from the textbook.
3. [20 points] Do problem 8.25 from the textbook.
4. [20 points] Do problem 8.27 from the textbook.
5. [20 points] Do problem 8.38 from the textbook.