

# MATH 226

## Differential Equations

### *Assignment 9*

*Due Monday, October 17*

**Read** Section 3.4: “Complex Eigenvalues”

### Problems

*Maple* or MATLAB will be useful for parts of the starred problems.

### 3.2 Systems of Two First Order Linear Differential Equations

**Practice Problems:** 1, 3, 5, 7, 9\*, 11\*, 15\*, 19\*, 21, 25, 26, 30\*

**Feedback Problems:** 11\*, 15\*, 26, 30\*