

AME 60611

Homework 11

Due: Friday, 4 December 2009, in class

1. Kaplan, p. 643: 1e; if $\mathbf{x}(0) = (0, 3)^T$, determine the solution that satisfies the initial conditions; plot $x_1(t), x_2(t)$. Plot the solution trajectory in x_1, x_2 space.
2. Kaplan, p. 643: 2b
3. Course notes, p. 405: 9.1
4. Course notes, p. 405: 9.2
5. Course notes, p. 406: 9.8
6. Course notes, p. 410: 9.37
7. Course notes, p. 410: 9.40
8. Course notes, p. 412: 9.49
9. Course notes, p. 412: 9.50
10. Course notes, p. 412: 9.51