

AME 60611

Homework 11

Due: Monday, 10 December 2007, in class

1. Kaplan, p. 643: 1c; 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: 2a
3. Course notes, p. 389: 1
4. Course notes, p. 389: 2
5. Course notes, p. 390: 8
6. Course notes, p. 391: 15
7. Course notes, p. 392: 24
8. Course notes, p. 393: 26
9. Course notes, p. 395: 42
10. Course notes, p. 396: 50