MAE 281A
NONLINEAR SYSTEMS Prof. M. Krstic

Homework 6

March 14, 2000

1. Khalil, Exercise 4.6, Parts (1) and (2).
2. Khalil, Exercise 4.7, Part (4).
   Hint: take $z_1 = x_1 + x_3$, $z_2 = x_2 - x_3$.
3. Khalil, Exercise 4.8, Parts (1), (2), (3), (4).
4. Khalil, Exercise 8.5, Parts (a), (b), (c).
5. Khalil, Exercise 8.8, Parts (a), (b), (c).
6. Khalil, Exercise 8.16, Parts (a) and (b).
7. Khalil, Exercise 8.17.