

EE 6100 Homework 6
Due 11/25/97

1. Consider the tank problem given in class. Show using the Jordan method that the output $y = [0 \ 1 \ 0]x$ results in an unobservable system. Determine the observability if $y = [1 \ -1 \ 0]x$.

2. 11.27

3. 11.28

4. 11.32

5. 11.33