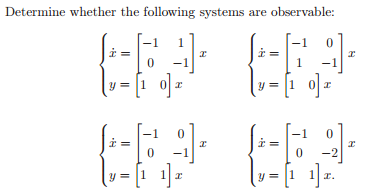
Multivariable Control Course 3 – Observer-Based Control

# Exercise 1



## a)

Make the Observability matrix, if it is full rang then the system is observable.

The observability matrix is full rang.

## b)

The observability matrix is not full rang.

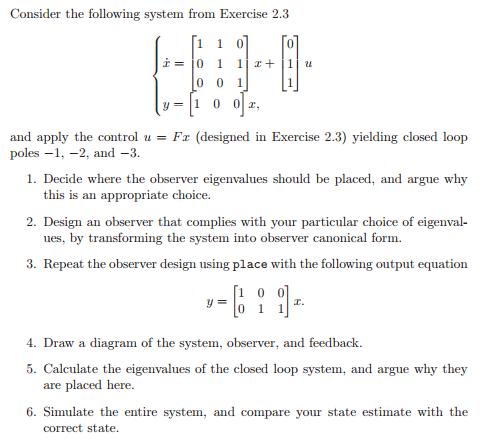
## c)

The observability matrix is not full rang.

## d)

The observability matrix is full rang.

# Exercise 2



## a)