Week\_2 Home assignment

Ch.4

P.1 Find an example

In Gilbert

Chapter : 4.1 problem 9 , 28,

Chapter: 4.2 problem 5

Chapter: 4.3 problem 6, 14 (if false, please show the examples), 17,32,33

Chapter: 4.5 problem 1, 19

Ch.5

P.2 differential equation

1) without initial point:

given

- find the homogeneous solution

-find the particular solution

-find the general solution

2) with initial point

the above equation, the initial points are

Find the solution

In Gilbert

Chapter 5.1: problem 1 / 10(if false, show an example)

Chapter5.3: problem 4 / 13(except (c) / 19

Chapter5.4: problem 1 / 29/ 31