ELEC 360 Control Theory and Systems – I

Assignment 2

Note: The text book followed for this course is the 5th edition of *Modern Control* *Engineering* authored by K. Ogata.

All problems given below are based on the numbers indicated in the text book.

1. Please solve problem B-6-7 given in the text book. Further, validate the root locus by generating a MATLAB plot.
2. Please solve problem B-6-14 given in the text book.
3. Please solve problem B-6-16 given in the text book.
4. Please solve problem B-6-17 given in the text book.
5. Please solve problem B-6-20 given in the text book.
6. Please solve problem B-7-4 given in the text book. Further, validate the result using MATLAB plot