

Analysis of Engineering Systems – MAE 488

Homework # 5

Spring 2019

Instructions: SHOW YOUR WORK! *If insufficient work is shown, you will receive no credit (even for a correct answer). As always, be sure to include units where appropriate. All plots should have labels on each axis (with units), a title (e.g. "MAE 488, Homework 1, Problem 1, Part a"), and a legend if more than one plot is in the same figure (except for subplots).*

Solve the following problems from Chapter 6 of the textbook.

6.2, 6.4, 6.9, 6.17, 6.20, 6.30, 6.35, 6.50M, 6.52M, Extra Credit (10%): 6.37