NED University of Engineering & Tech.

Electrical Engineering Department
TE-ME / TE-EE / TE-EL

Spring Semester 2020

Lab Session 08

Exercise:

Obtain the response of the following transfer function for an input $r(t) = \sin(t) + e^{(-0.2t)}$ for t = 0 to 60 sec, in a step size of 0.001 sec and comment on the result.

$$\frac{30}{s^2+5\,s+30}$$

Write MATLAB script to solve the above problem. Attach the script (handwritten) and plot with this document.

Nothing to write below this line. Use A4 sheet to write script and attach it with document. Also, attach properly cropped graph with this document.