Assignment - I

In the 3-tank level control system discussed in the class, process data is generated using a doublet function on the input. This process response data is given in the file 'pdata.txt'.

Extract a suitable step response data from the process data and find first order with dead time (FODT) model using a) Ziegler-Nichols b) Smith's method c) Sundaresan method d) Nishikawa method and compare the Mean Absolute Prediction Error(MAPE).

Date of Submission : January 18, 2023

Please submit the assignment to the TA in the class