Mod A assignment

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1. Simulink and PID:

Given the quarter far model reporter in the slides simulate it in Simulink, using different values for the parameters and different road profiles. Design a PID regulator, using the Ziegler and Nichols methods, for the suspension systems and validate its behaviour.

1. System identification:

Using the attached datasets, identify and validate a FIR and a NFIR model of the processes.