Lab 1 - ME155C/ECE147C

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Abstract

1 Introduction

2 System Identification

2.1 Process to be controlled

2.2 Non-Parametric Identification

2.3 Parametric Identification

3 Controller Design

3.1 Design Methodology

3.2 Simulation Results

4 Closed-loop Testing

4.1 Step Response Experiments

4.2 Closed-loop Frequency Response

5 Conclusions and Future Work

References