

University of Bristol
Faculty of Engineering



Sensors, Signals and Control

Part 2: Elevation Axis– Theory and Simulation with Control Requirements

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1 P-I-D analysis

1.1 Proportional Feedback Controller

1.2 Derivative Feedback Controller

1.3 Integral Action

2 PID design to achieve control requirements

2.1 Open Loop Transfer Function PID Controller

2.2 Tuned Quanser Controller