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Setup the SRV02 in the high-gear configuration as explained in [5]. 2. Place the gyroscope module on top of the SRV02 plant such that the servo output shaft inserts the hole on the bottom platform of the gyroscope module and it can freely rotate about the shaft. Page 10: Wiring Procedure Experiment Platform: Quanser SRV02 with Gyroscope module 5.1.

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01 - SRV02 Modeling - Student Manual.pdf This laboratory guide contains pre-lab and in-lab exercises demonstrating how to model the Quanser SRV02 rotary plant. The in-lab exercises are explained using the QuaRC software. setup_srv02_exp01_md1.m The main Matlab script that sets the SRV02 motor and sensor parameters.

Rotary Experiment #01: Modeling

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STUDENT WORKBOOK SRV02 Base Unit Experiment For Matlab®/Simulink® Users Standardized for ABET Evaluation Criteria Developed by: Jacob Apkarian, Ph.D., Quanser Michel Lévis, M.A.Sc., Quanser Hakan Gurocak, Ph.D., Washington State University Solutions for teaching and research. Made in Canada.

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Rotary Experiment #01: Modeling SRV02 Modeling using QuaRC

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Rotary Flexible Link

Student Manual.pdf This laboratory guide contains pre-lab and in-lab exercises demonstrating how to design and implement a position controller on the Quanser 2D Ball Balancer plant using QUARC. setup_srv02_exp17_2dbb.m The main Matlab script that sets the SRV02 motor and sensor parameters, the SRV02 configuration-dependent model parameters,

Rotary Experiment #17: 2D Ball Balancer

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