**Subject: Results for Lab8**

**From: Eric Morse and Rahul Das**

**Date: 2/6/2019**

**PART B: Response for Openloop\_DE\_B.slx**

1) Include the output of openloop\_driver.m here. Your Simulink and MATLAB results should match.



**PART C: Response for Openloop\_DE\_C.slx**

2) Include the output of openloop\_driver.m here. Your Simulink and MATLAB results should match.

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**PART D: Response for Closedloop\_DE\_A.slx**

3) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.

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**PART E: Response for Closedloop\_DE\_B.slx**

4) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.

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**PART F: Response for Closedloop\_DE\_C.slx**

5) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.

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**PART G: Response for PI-D.slx**

6) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.

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**PART H: Response for I-PD.slx**

6) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.



**PART I:**

**Response for PI-D.slx**

7) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.



8) Include your controllers here

C1 = 0.854 (z+0.734)

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(z-1)

C2 = 0.048076 (z-1)

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z

**Response for I-PD.slx**

9) Include the output of closedloop\_driver.m here. Your Simulink and MATLAB results should match.



10) Include your controllers here

C1 = 1.48 z

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(z-1)

C2 = 0.057841 (z+0.28)

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z