Computer Exercise 1
EL2520 Control Theory and Practice

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Minimum phase case

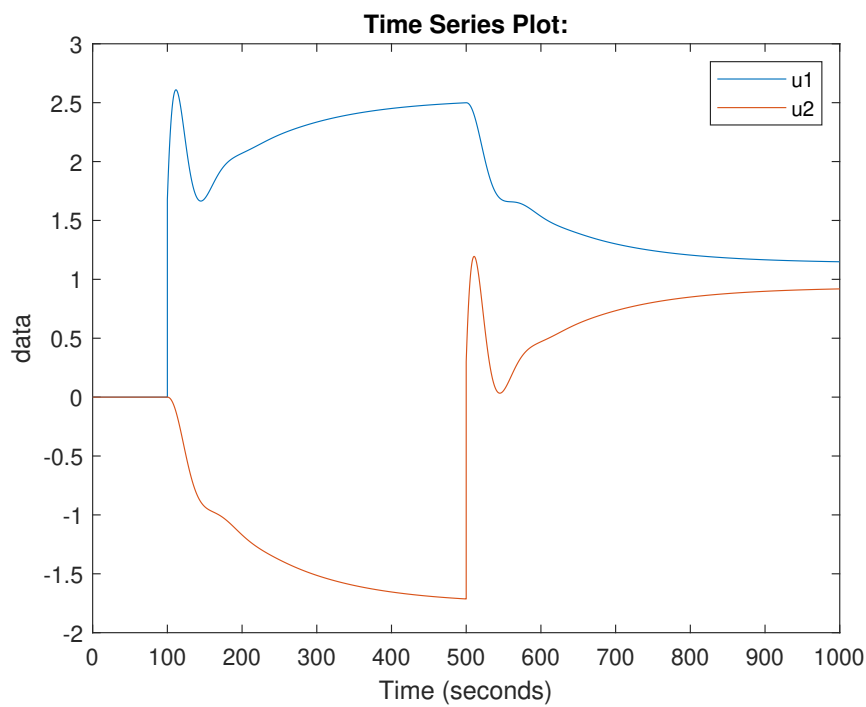The controller is given by

$$F(s) = \ldots$$

Figure 1: Simulink plots from exercise 3.2.3

Is the controller good?

....

....

Are the output signals coupled?

....

....
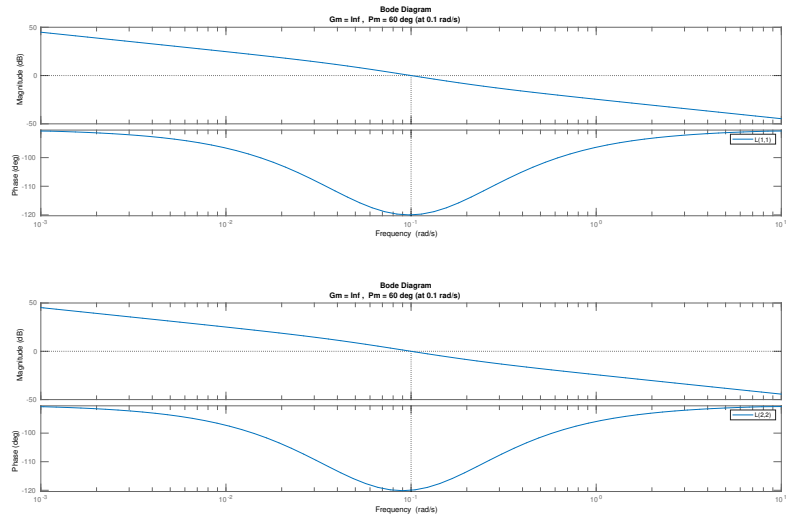
Figure 2: Bode diagram of the loop gain $L(s)$ from exercise 3.2.1

Non-minimum phase case
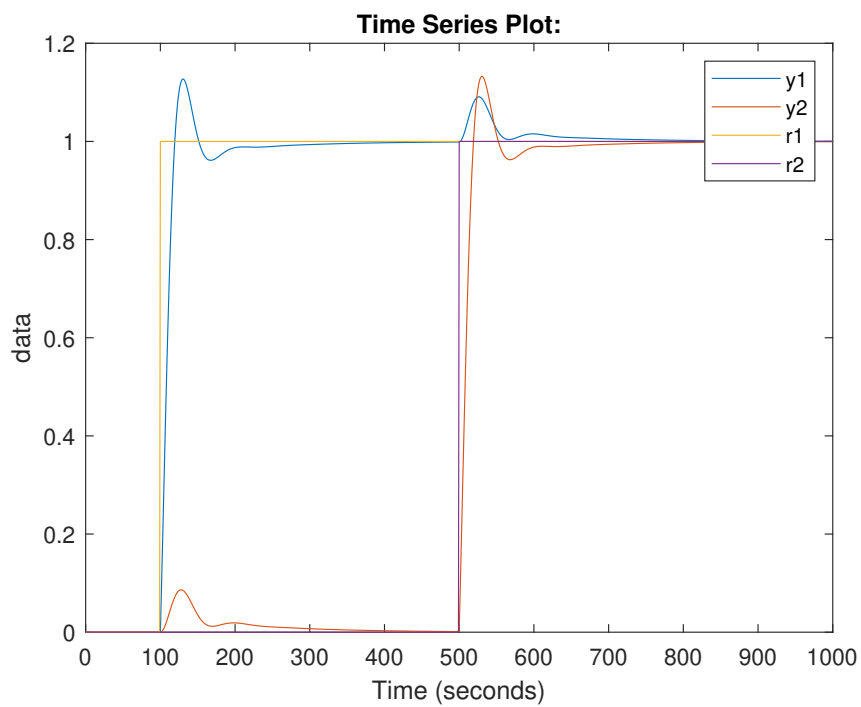
The controller is given by

$$F(s) = \dots$$

Figure 3: Simulink plots from exercise 3.2.3

Is the controller good?

....

....
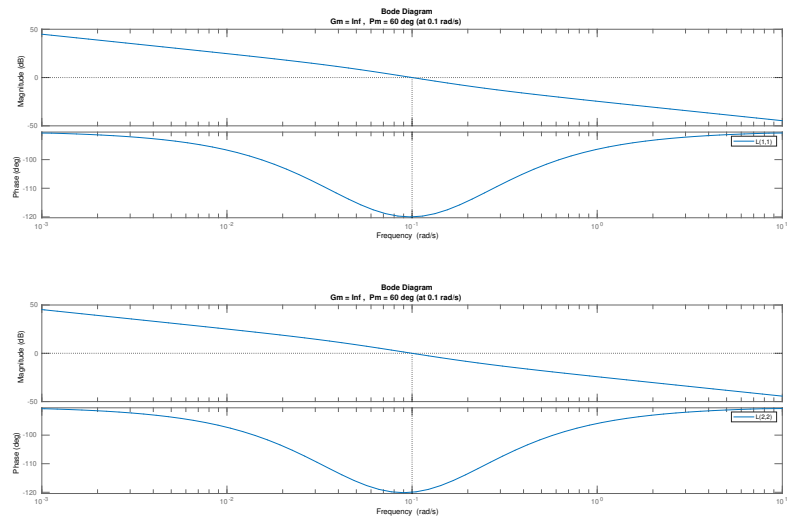
Are the output signals coupled?

2

Figure 4: Bode diagram of the loop gain $L(s)$ from exercise 3.2.1

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