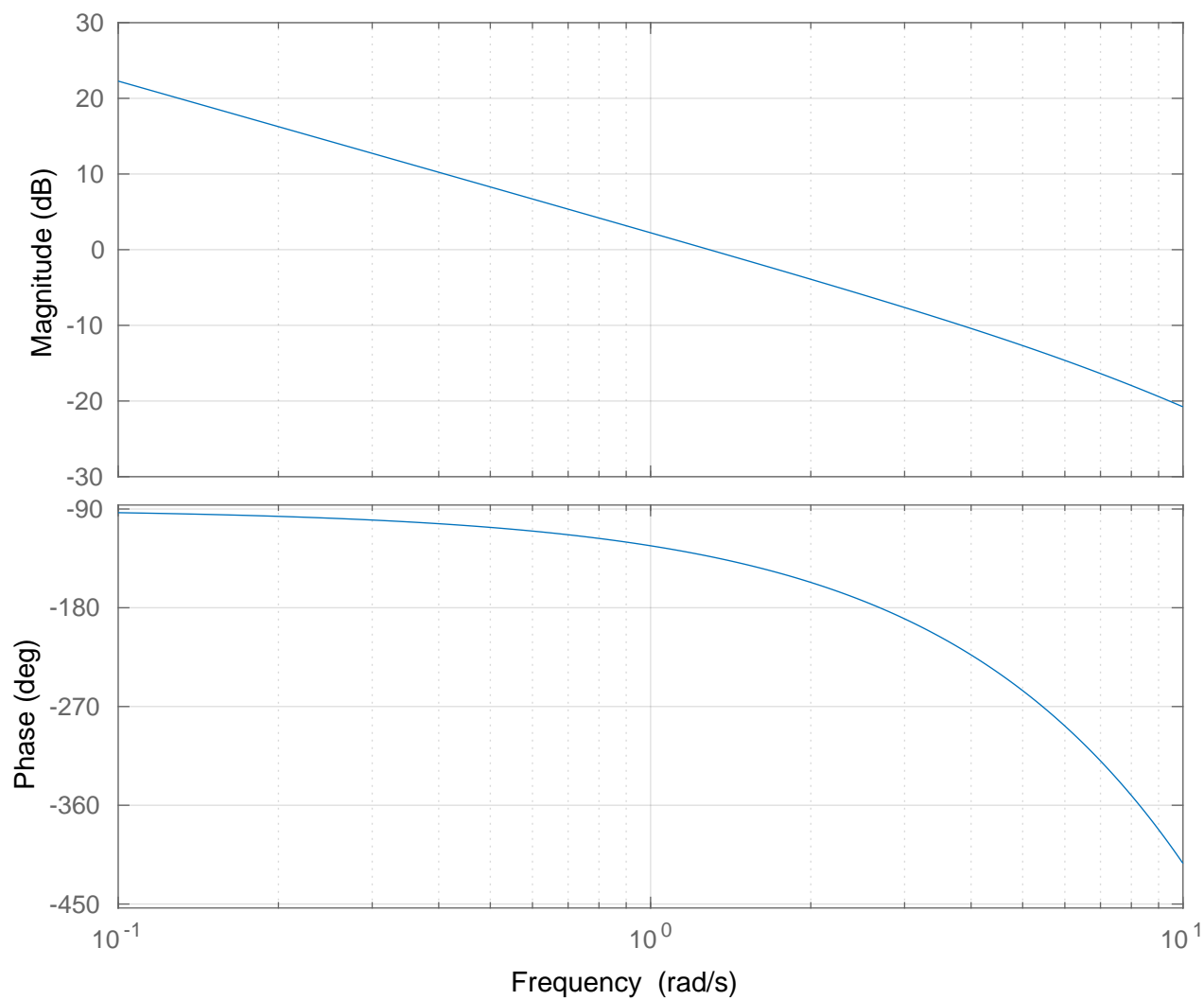


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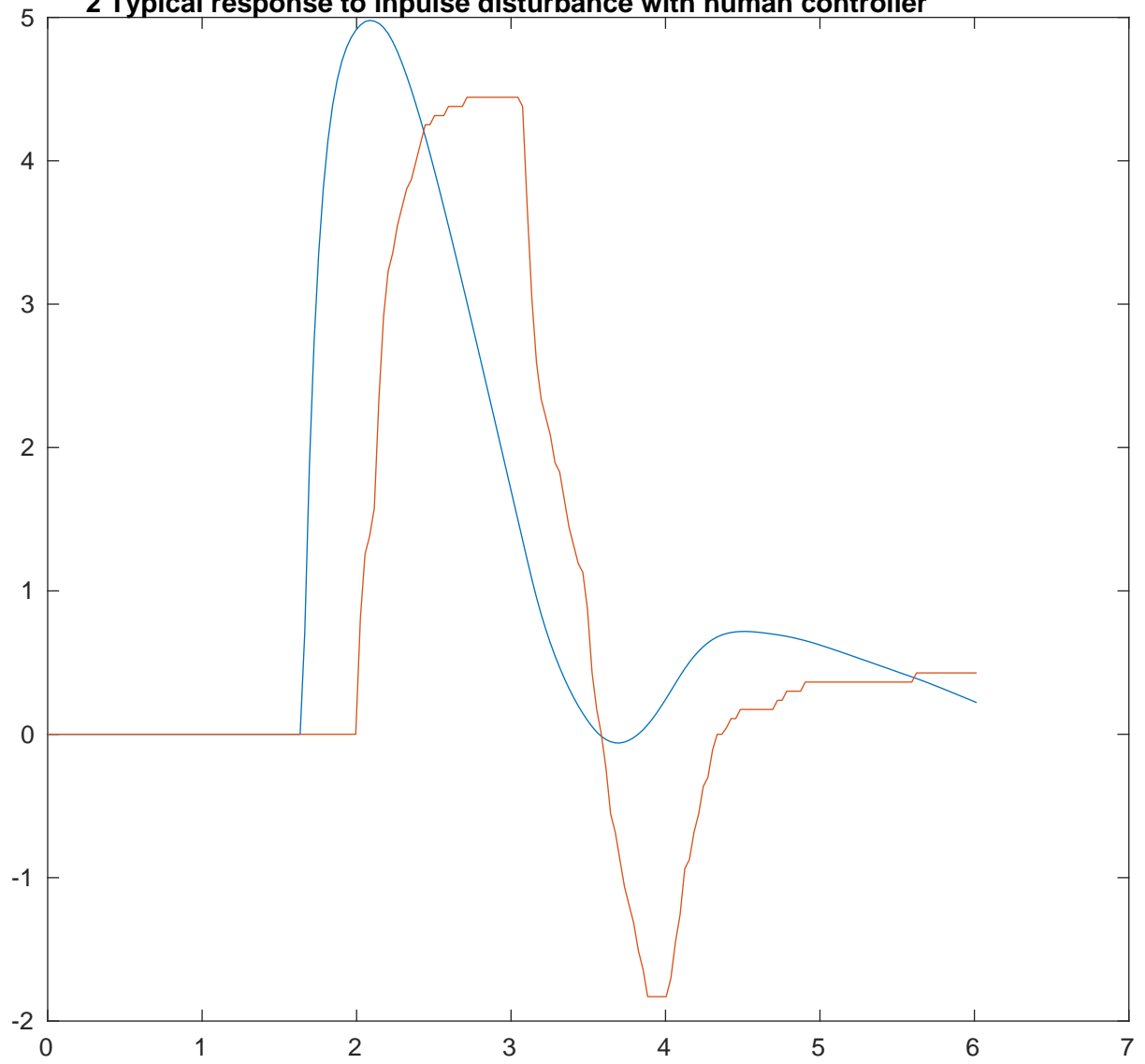
2 Plant in series with gain of 1.3 and 0.45 sec delay

Bode Diagram



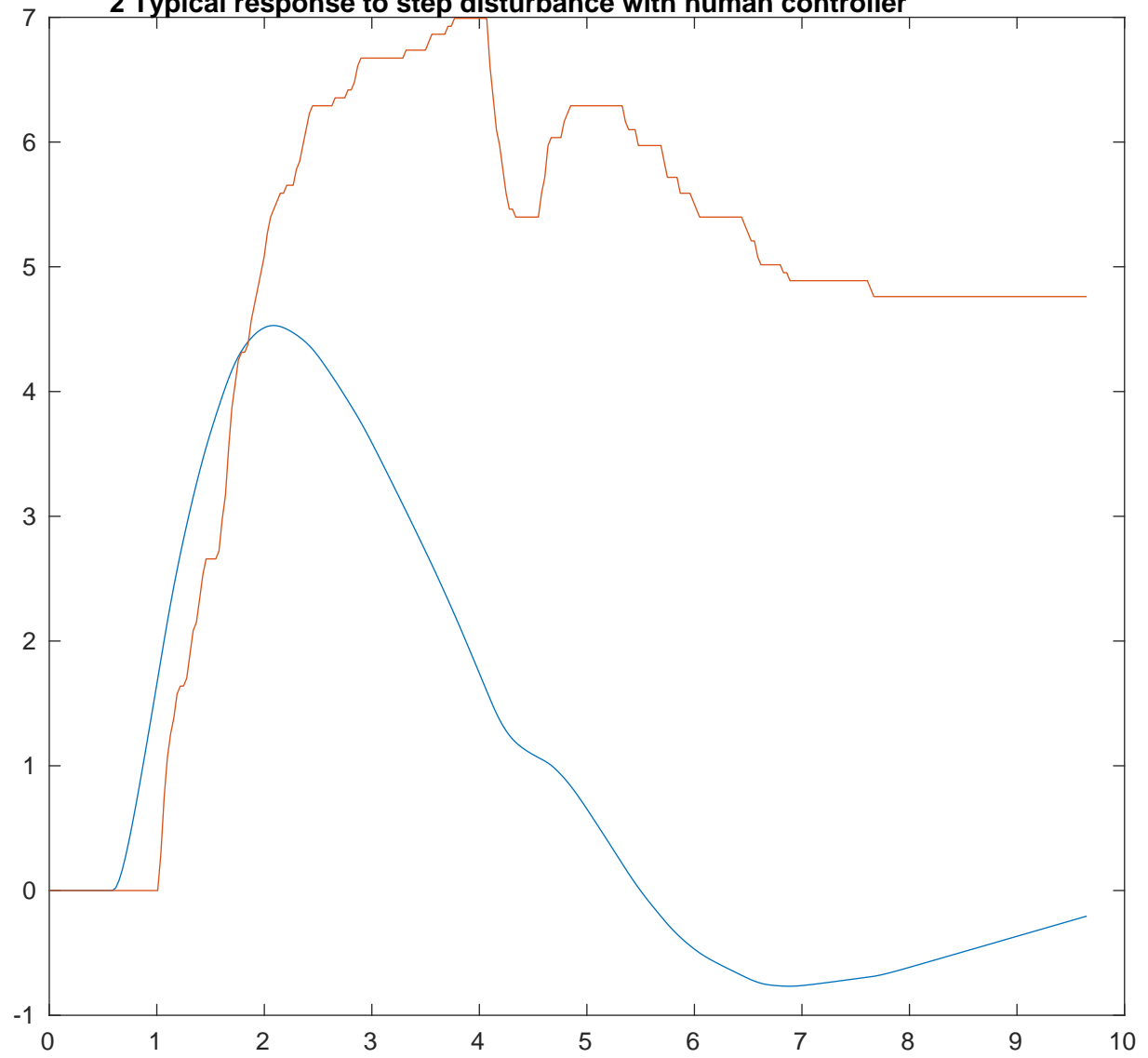
hds28

2 Typical response to inpulse disturbance with human controller



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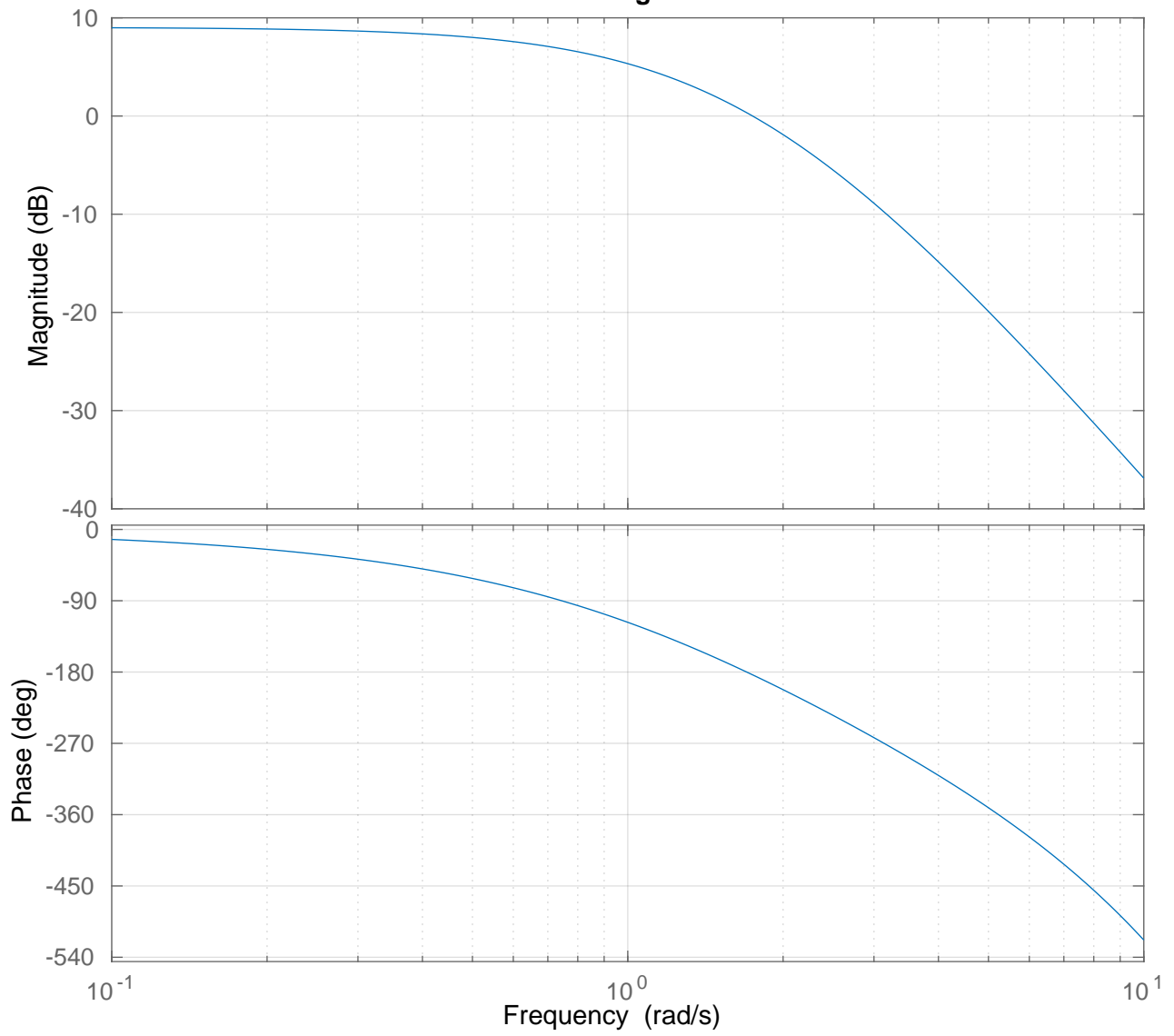
2 Typical response to step disturbance with human controller



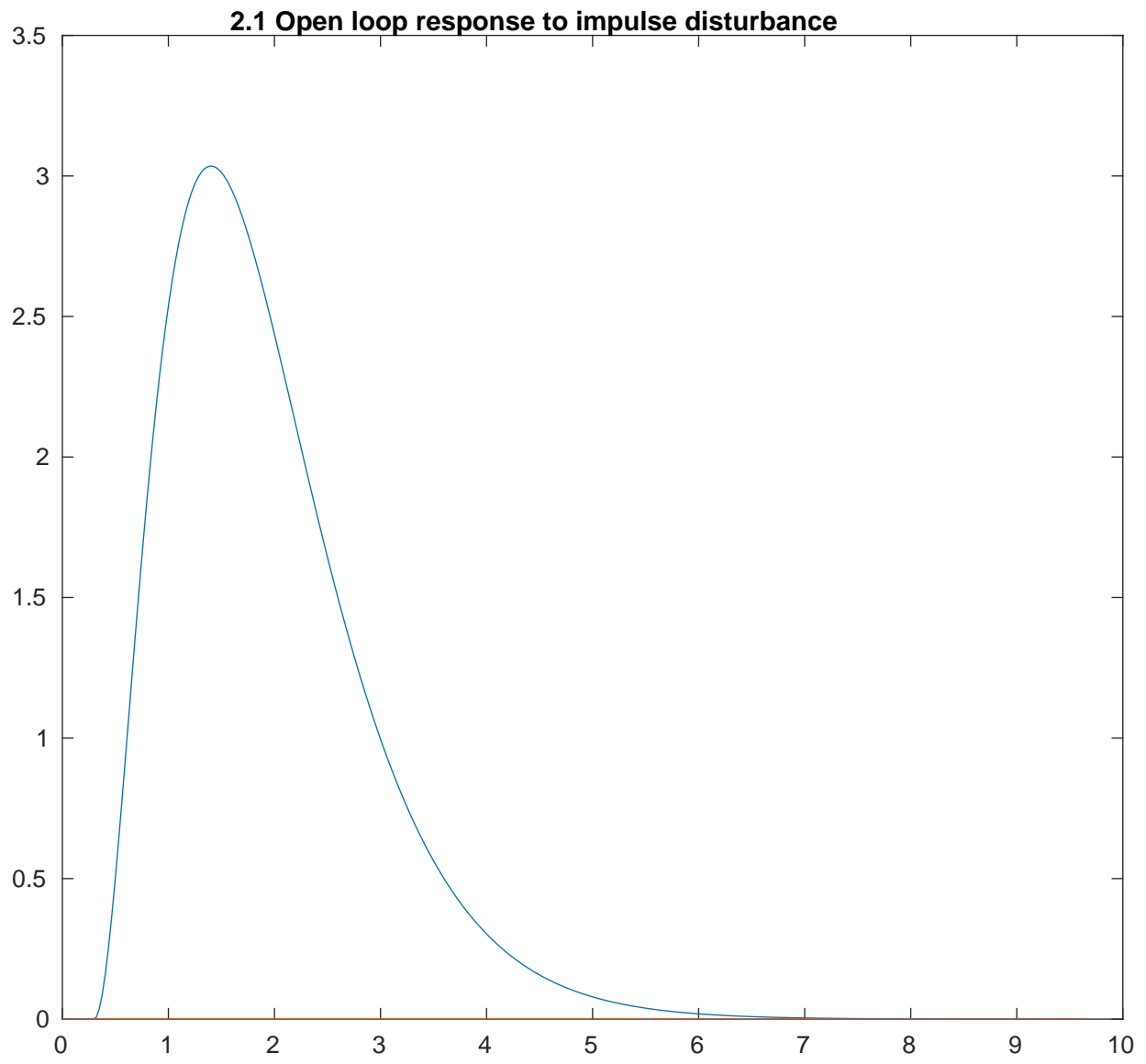
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2.1 Plant in series with gain of 1.3 and 0.45 sec delay

Bode Diagram

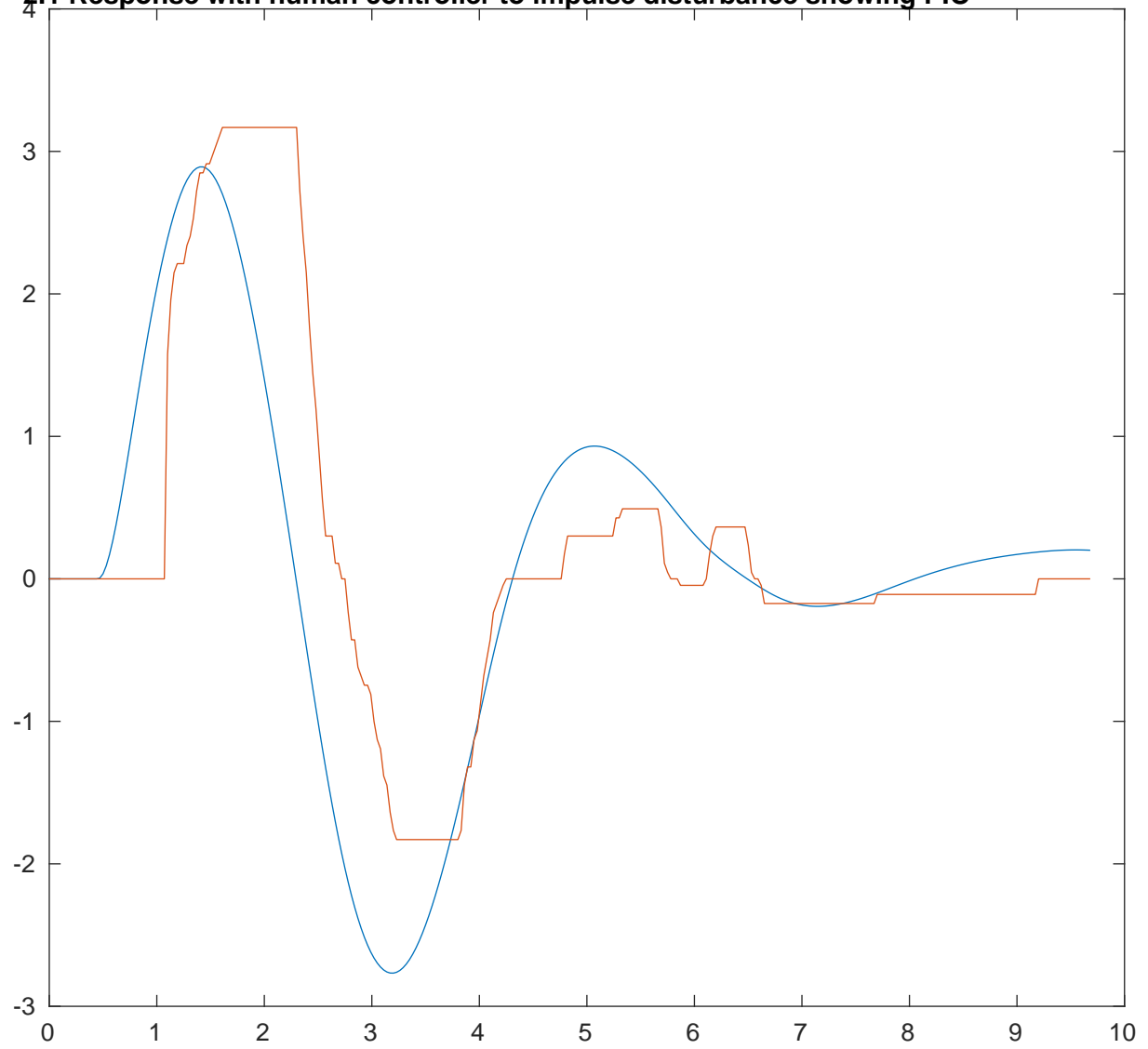


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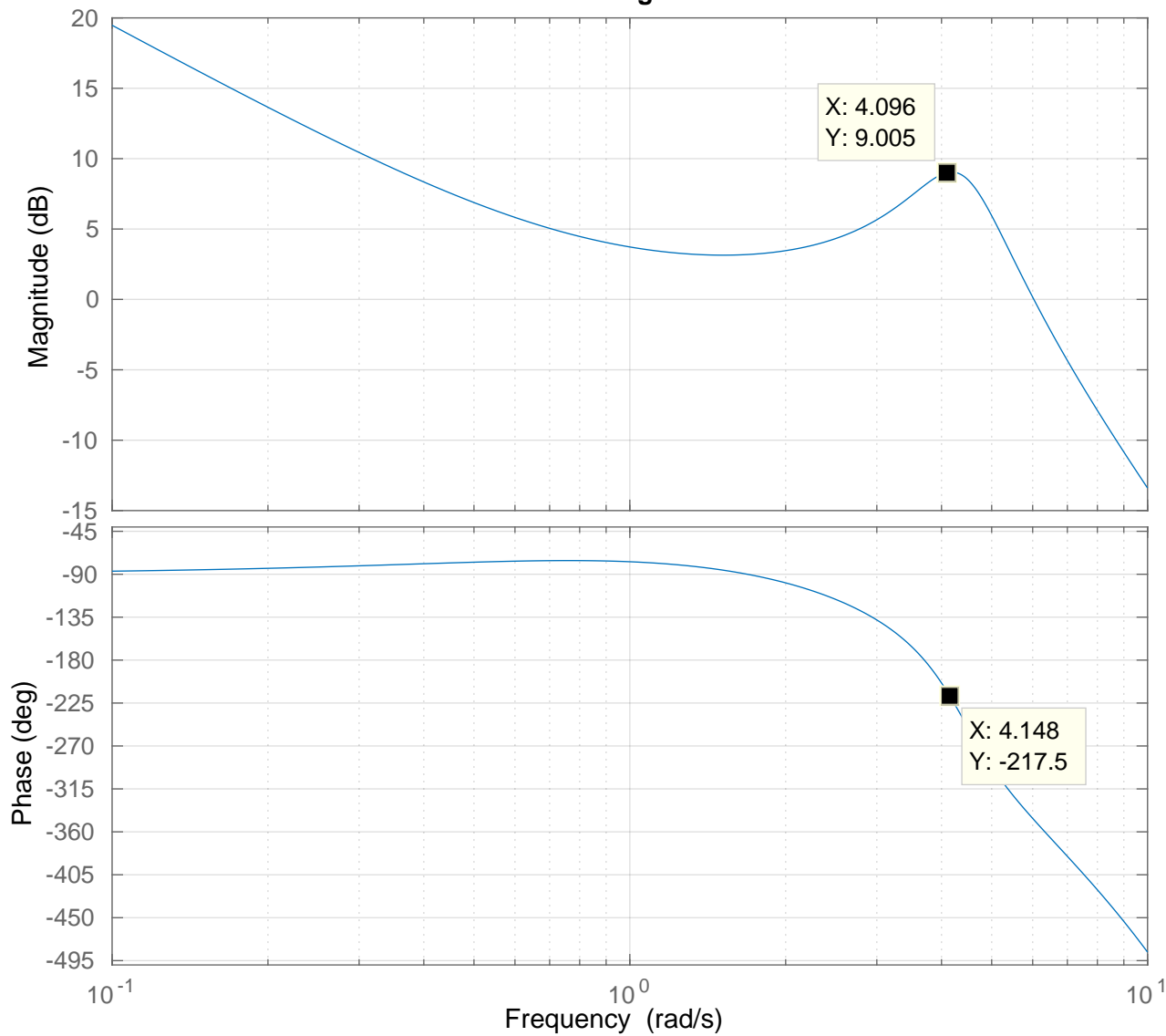
2.1 Response with human controller to impulse disturbance showing PIO



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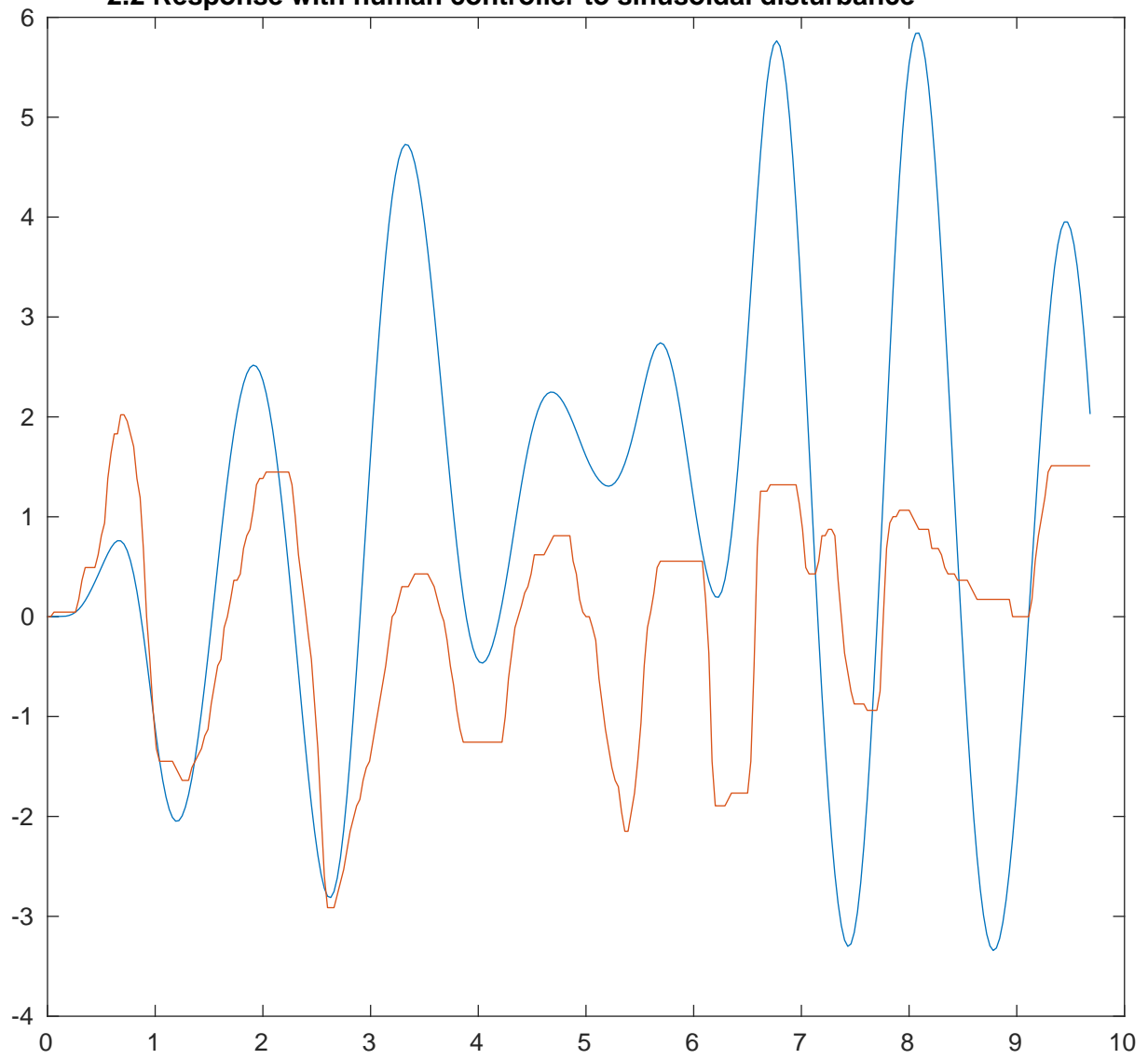
2.2 Plant in series with gain of 1 and 0.45 sec delay

Bode Diagram



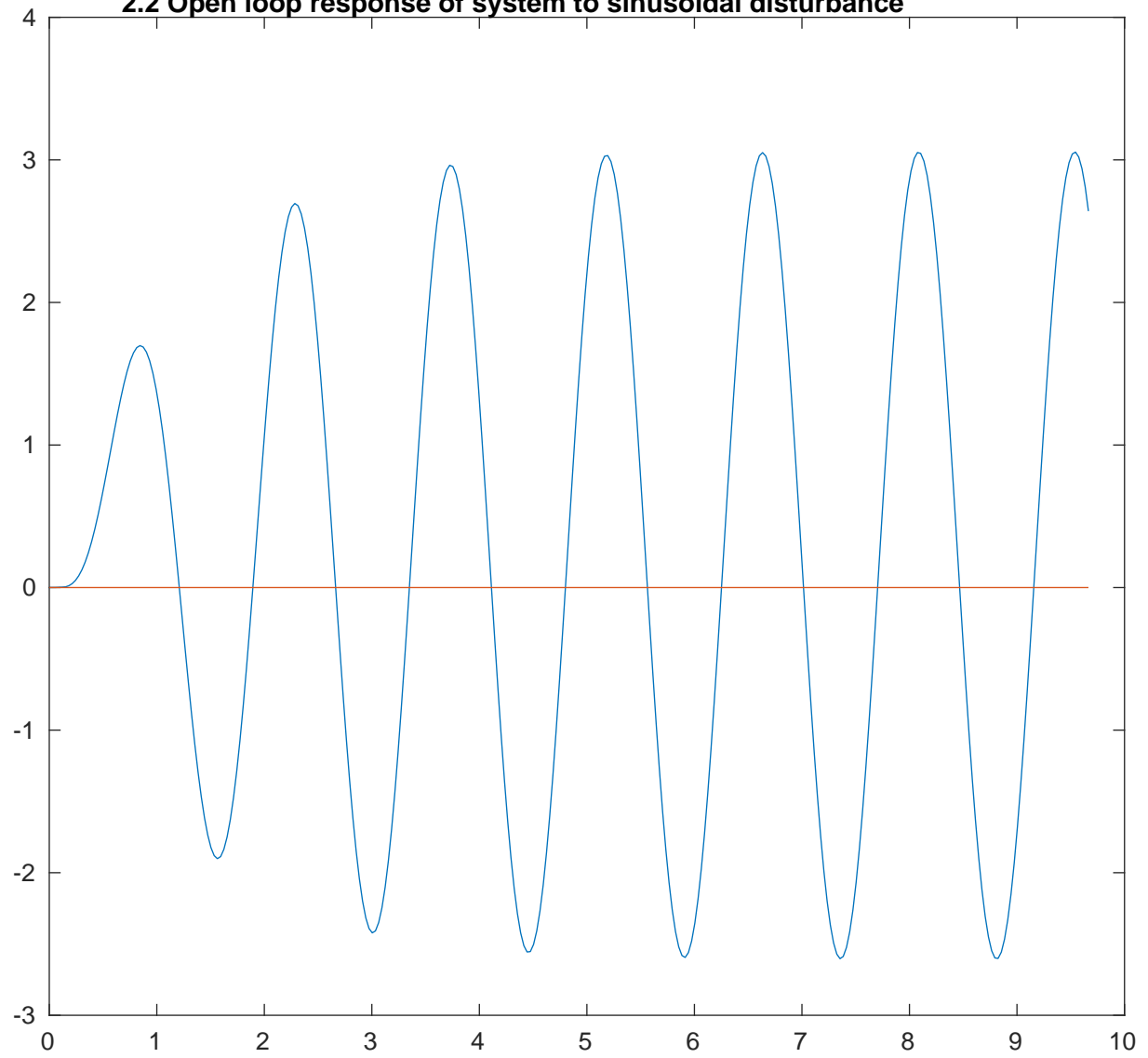
hds28

2.2 Response with human controller to sinusoidal disturbance



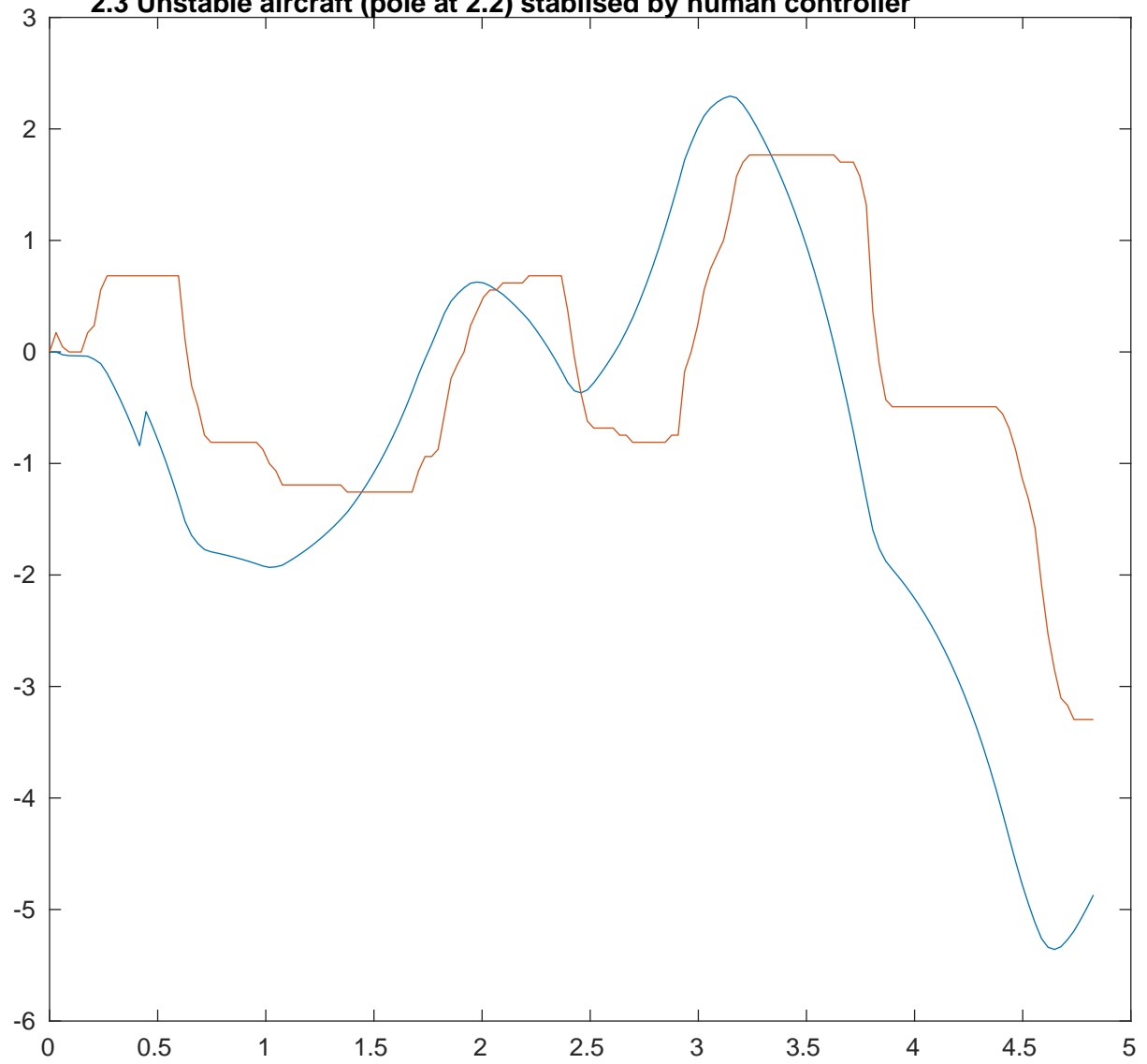
hds28

2.2 Open loop response of system to sinusoidal disturbance



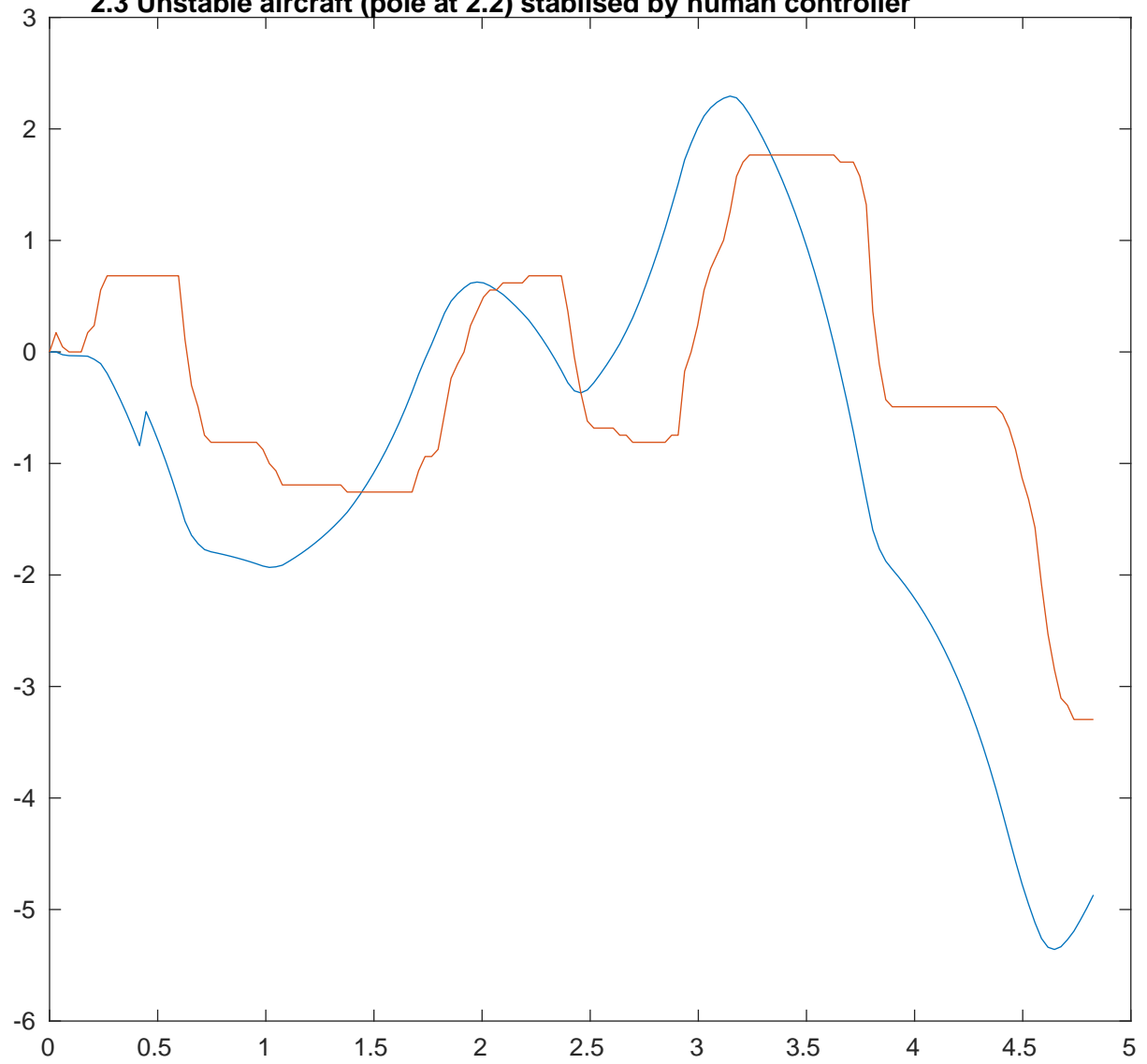
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2.3 Unstable aircraft (pole at 2.2) stabilised by human controller

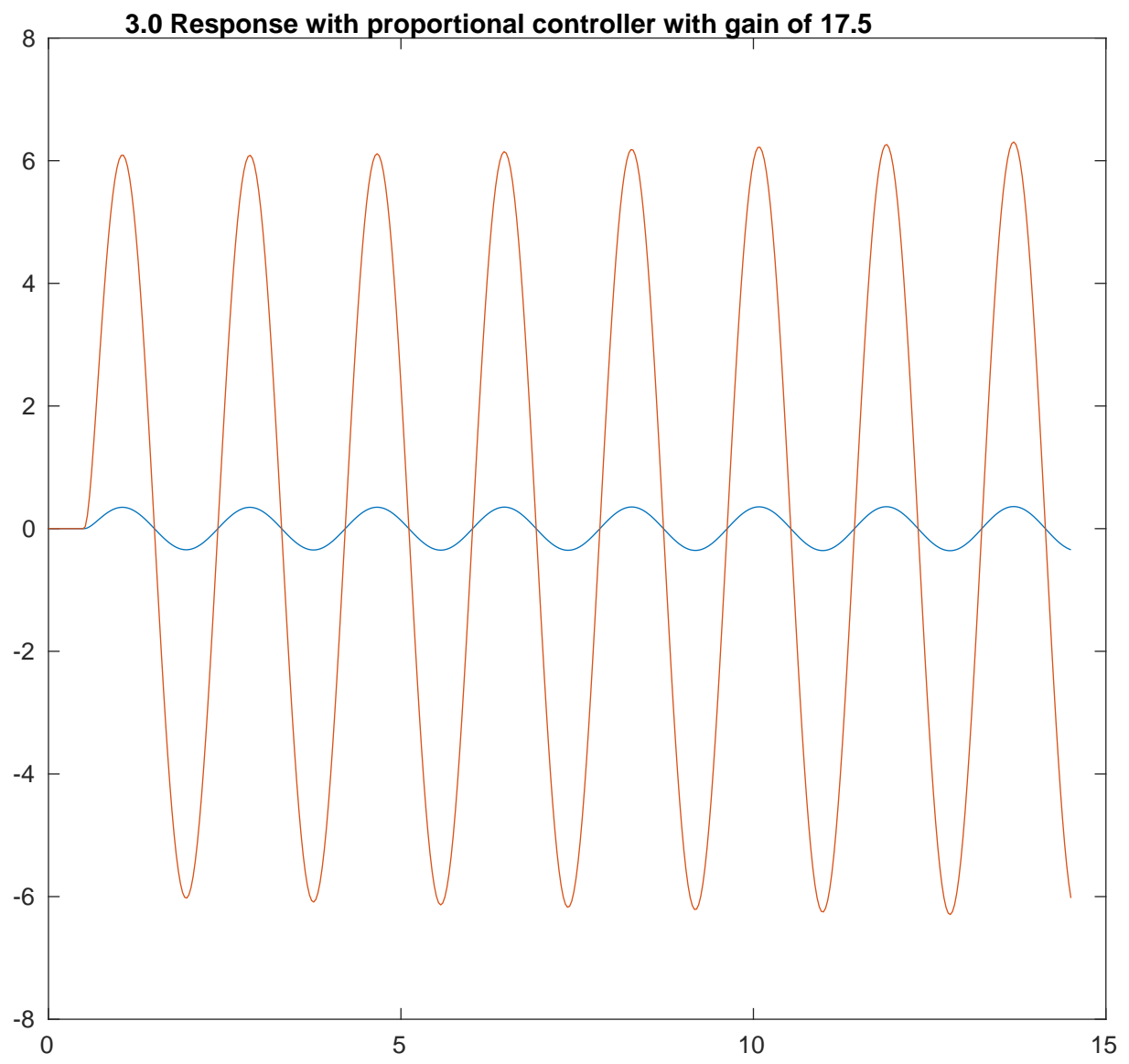


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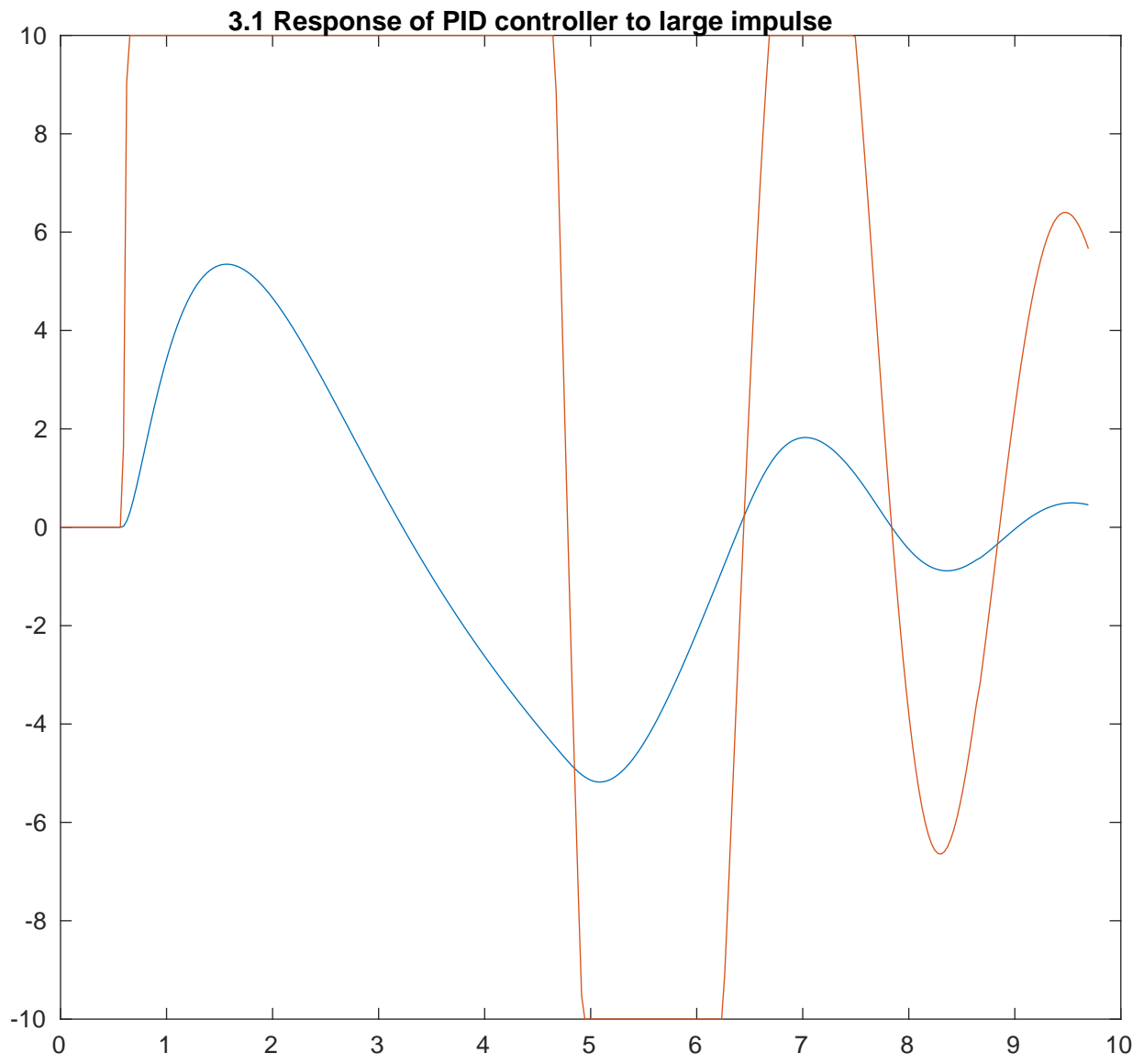
2.3 Unstable aircraft (pole at 2.2) stabilised by human controller



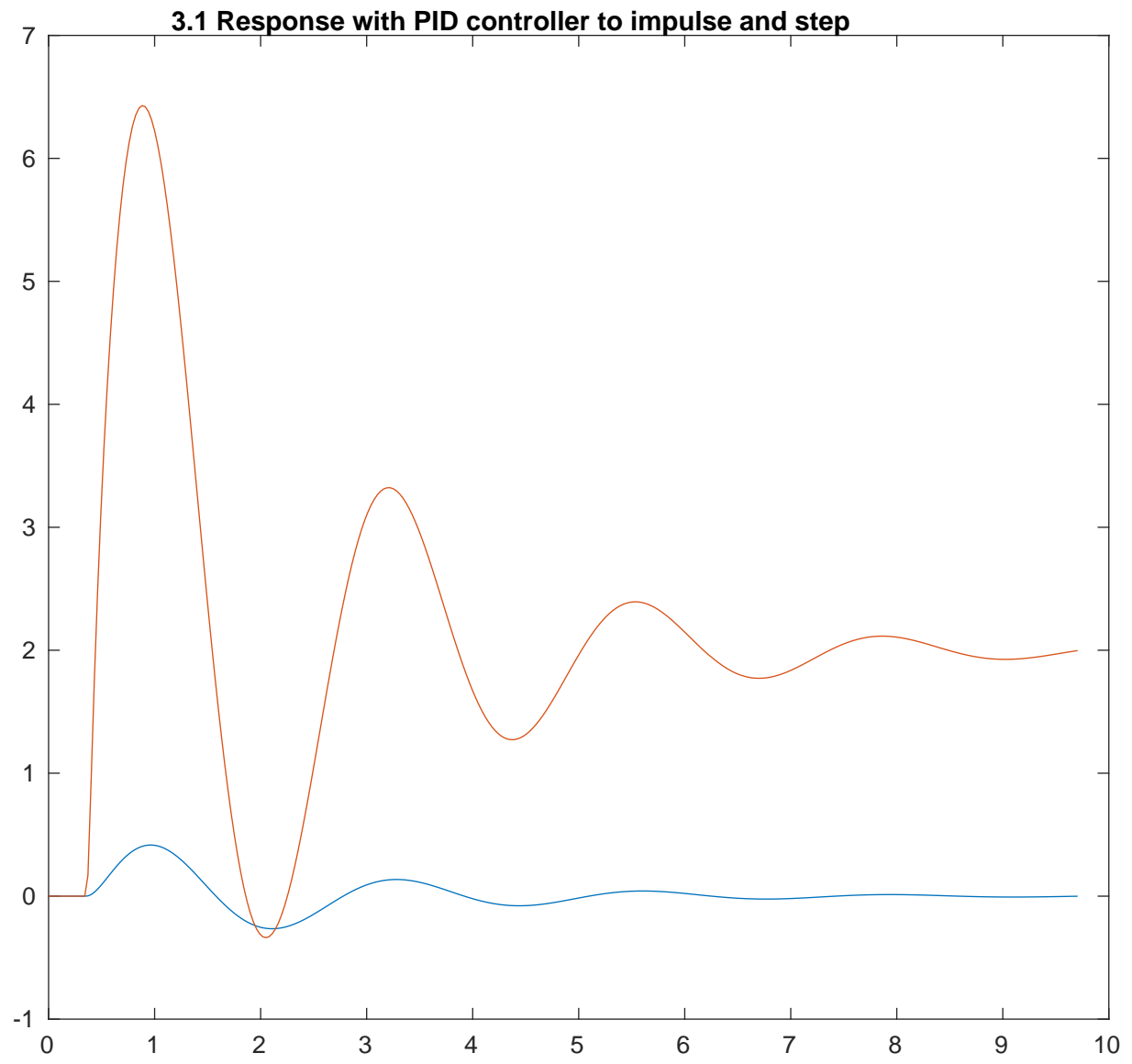
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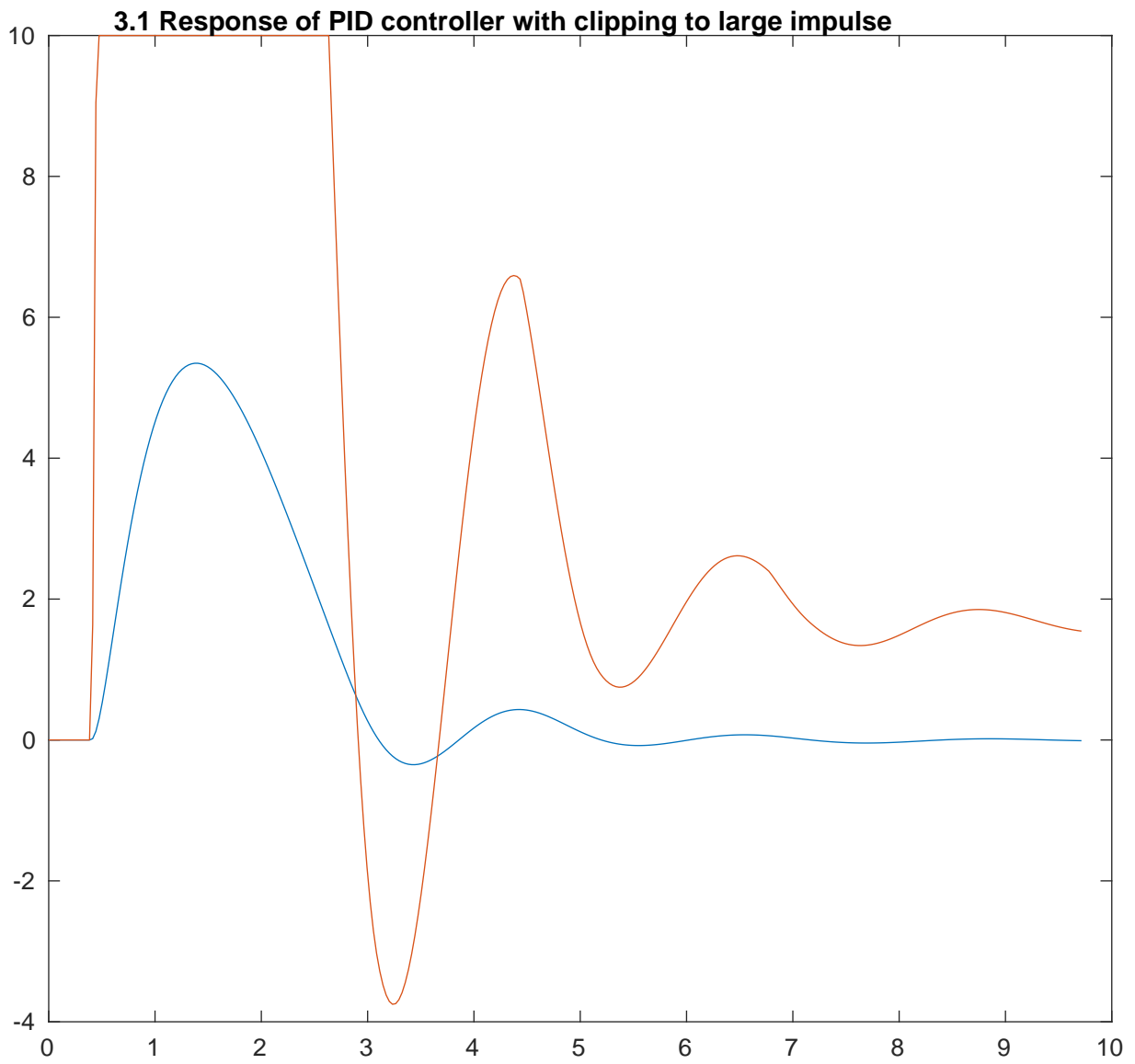
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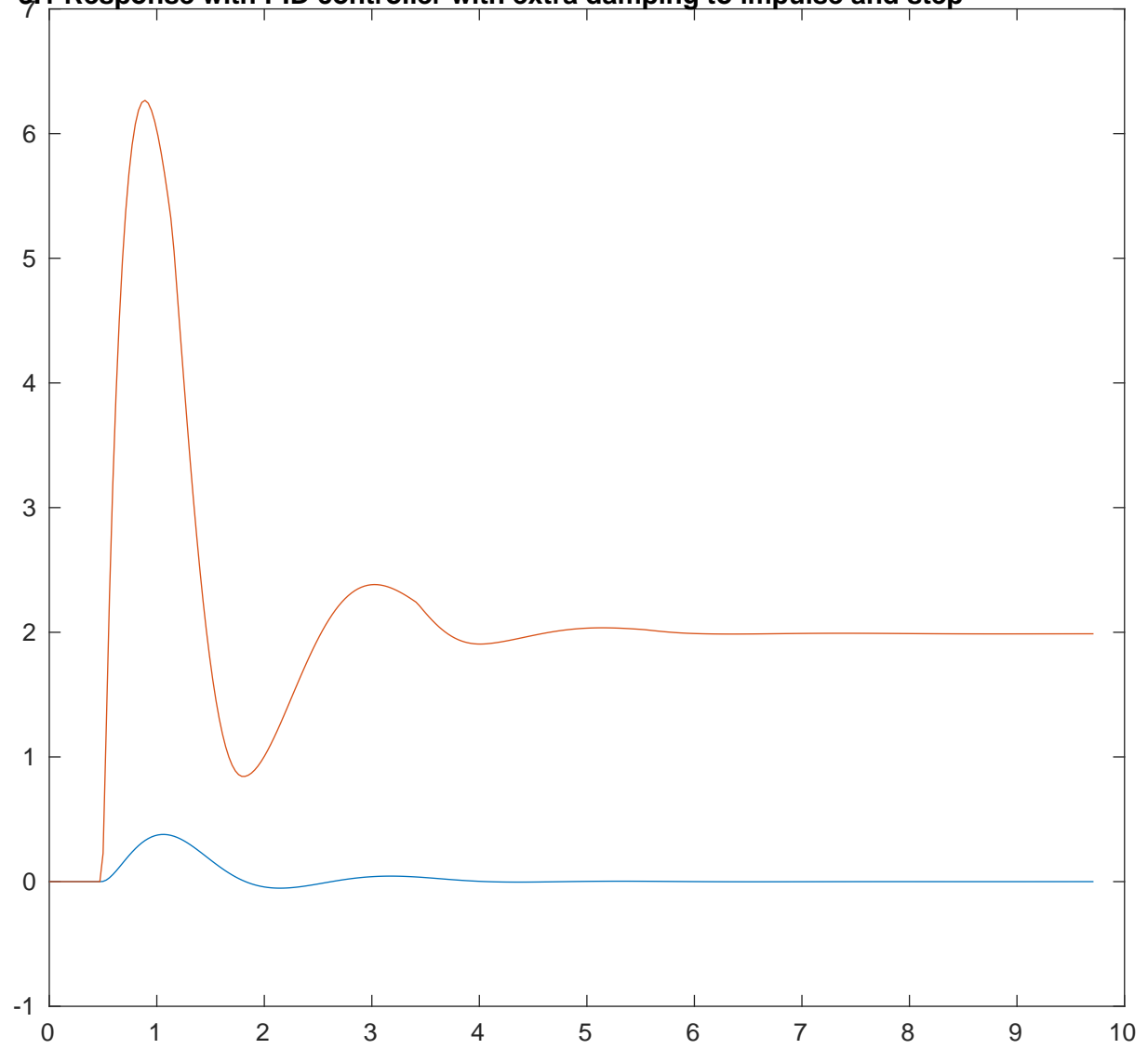


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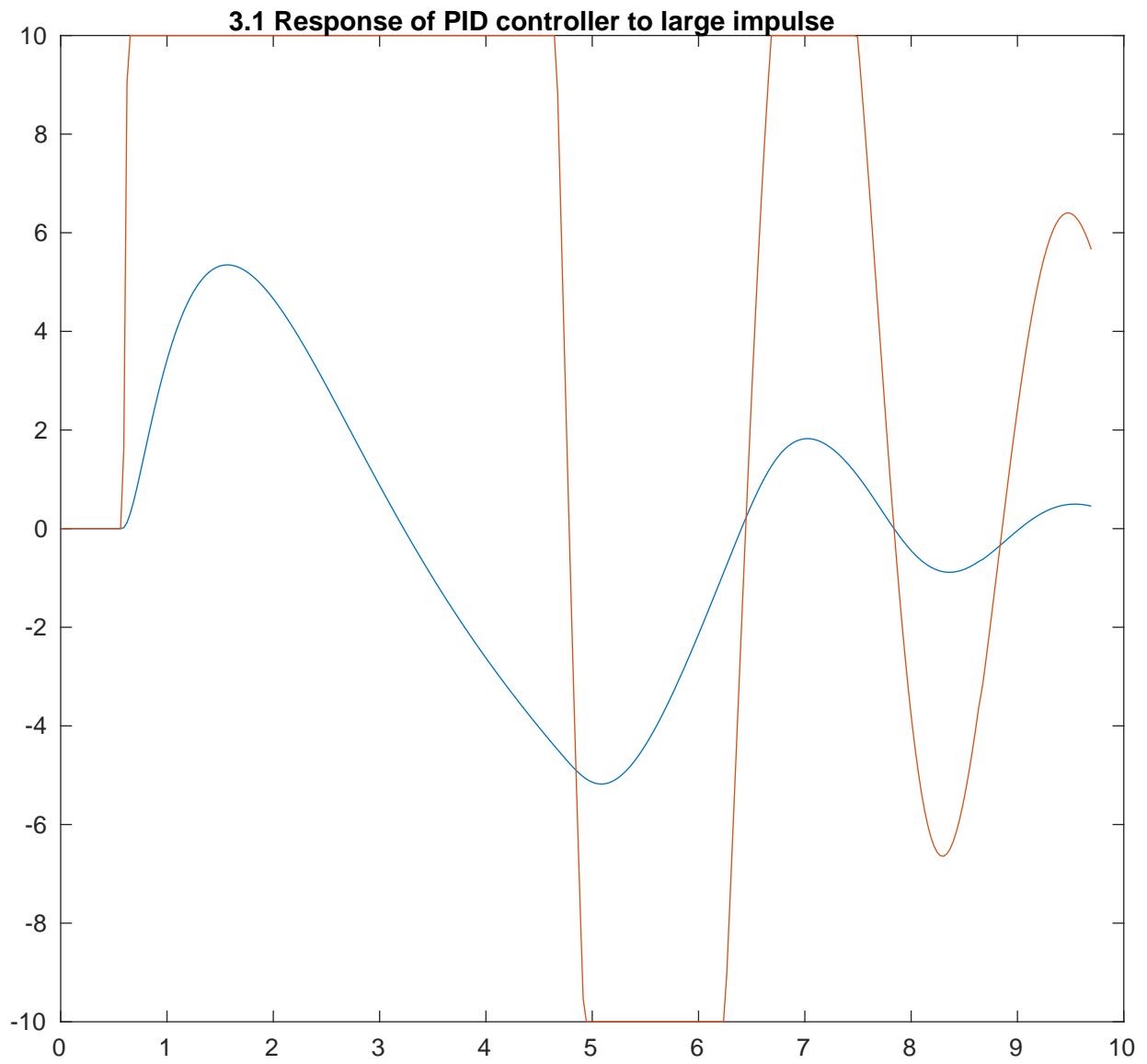


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3.1 Response with PID controller with extra damping to impulse and step



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