Next >

Course Discussion Progress

Course > Graded Quiz (Summer '21) > Graded Exam-4 (15th Sept) > Quiz 4

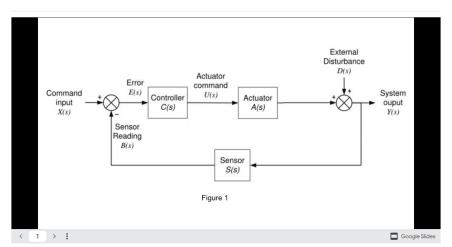
Previous

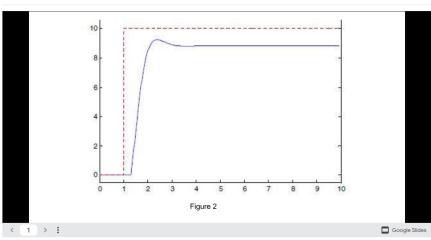
Quiz 4

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IMPORTANT

- Each Question carries 1 mark and you will get 1 attempt each. Total 10 Marks
- You Need the following figure 1 & 2 in the MCQ





Multiple Choice

1/1 point (graded)

For most control applications, a simple proportional control algorithm after the system has stabilized will always have a...

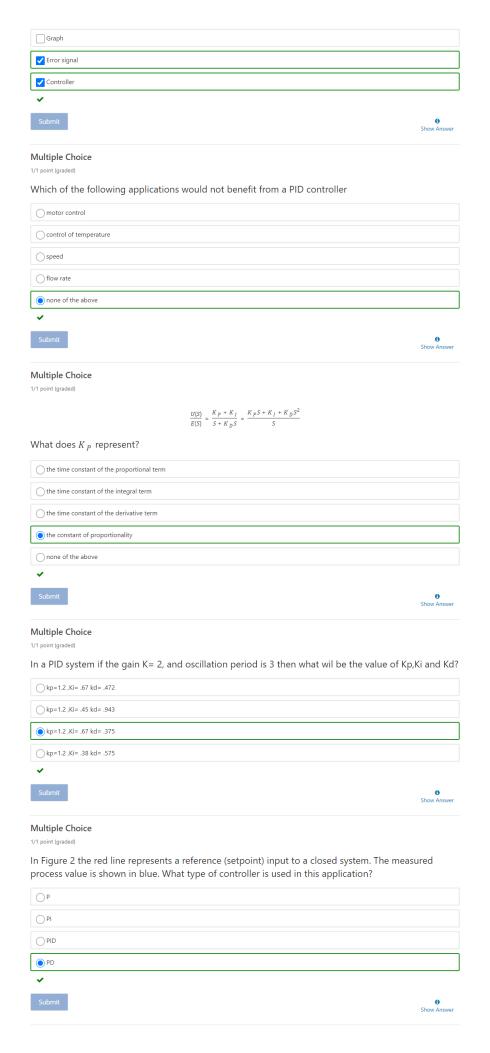
odynamic error component	
odynamic error component	
error frequency	
Steady-State Error	
✓	
Submit	Show Answer
Multiple Choice	

Multiple Choice

1/1 point (graded)

Characteristics of Feedback System





	Multiple Choice 1/1 point (graded)		
	A PID controller generates the process value (u) by looking at		
	The present		
	The past		
	The Future		
	all of the above		
	•		
	Submit	Show Answer	
	Multiple Choice 1/1 point (graded)		
	A simple proportional control algorithm differs from a PID controller by not looking at		
	○ The present		
	○ The past		
	○ The Future		
	The Past and Future		
	All the above		
	→		
	Submit	Show Answer	
	Multiple Choice		
	1/1 point (graded)		
	Percentage of final value exceeded at first oscillation is called		
	rise time		
	overshoot		
	settling time		
	<u>*</u>		
	Submit	Show Answer	
	Multiple Choice		
Can't load web font TeX/Math/Italic	1/1 point (graded)		
	What does variable U(s) represent in Figure 1?		
	setpoint value		
	process value		
	oprocess input		
	none of the above		
	<u>*</u>		
	Submit	Show Answer	
	<pre>Previous Next ></pre>		
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