PS #4	NAME	
Problem 1 1.1	Realizes how blocks can be reduced (only 3 ways, sum, pickoff,loop)	
1.2	Redraws the block diagram after each major reduction	
1.3	Correct Answer	
Problem 2 2.1	a) Understands what the input and output is	
2.2	Block diagram reduction for part a - simple	
2.3	b) Does not change the block diagram around, simply takes a new input and output	
2.4	Reduces the new block diagram	
2.5	c) Same as D. Realizes where the new input and outputs are.	
2.6	Reduces this new block diagram	
Problem 3 3.1	a) This is straight forward: Is able to get all parameters specified	
3.2	b) same as a)	
Problem 4 4.1	Can get Pole location, Getting ζ and ω_n	
4.2	Can get pole location. With or without getting transfer function first	
Problem 5 5.1	Can Show how A, B and theta are obtained	
5.2	Realizes the effect of the movement of pole p What happens when p gets large	
5.3	What happens when p gets small	
5.4	Plots the response for different values of p Observe a break in the response around the value of $p = 1$	