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EECS 304 Spring 2012

Lab 5

1











2  
BWOL Measured +/- 3dB

1. Phase margin = 81.7°  
   Gain margin = ∞dB  
   Ess =   
   BWOL = .17 rad/s  
   Rolloff =   
   ωn = none
2. Phase margin = 92.5°  
   Gain margin = ∞dB   
   Ess =   
   BWOL = .6 rad/s   
   Rolloff =  
   ωn =none
3. Phase margin = -28.7°  
   Gain margin = 12dB   
   Ess =   
   BWOL = .21 rad/s   
   Rolloff =  
   ωn =none
4. Phase margin = 9.37°  
   Gain margin = -∞dB   
   Ess =   
   BWOL = .14 rad/s   
   Rolloff =  
   ωn =none
5. Phase margin = 90.2°  
   Gain margin = 61.9dB   
   Ess =   
   BWOL = 9 x 10-4 rad/s   
   Rolloff =  
   ωn =none

3

k = 7



k = 4

