ENG4550: Introduction to Control Systems

Sec 1.2 Pre-lab Questions

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Lab #:	3	
Date: 0	03/10/18	

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41	g	la	h	1
11	-	W		1

1. d with Jeq + Beq v Wild) = An Vinly An Vinly Ship Jeq + Beq v Dill) = An Vinly Pan Beq Sheet Sheet

2. K-Am TT = Jeq Begy Begy

Us | Comingny = K

12 = K = 1+2" = 1+2" = 2K2

10, Im Wiltzlin K Av (1-e-t-to)) + Wilto

WISS-WILTO = MAU M = WISS-WILTO) = WSS-WO = MY

N. WILTO+T) = KAULI-el-to=I+OS) + WI(40)

NOTE - WILTO+TO = MAU

N

wilto+t)=MAU(1-e-1)+Wilto) Wilto+T)-Wolto)=K(1-e-1)

Wilto+ 10-40/to)= 0.63 M = 0.63 DY Au

At t= I, will reacher, 63% of steady stute