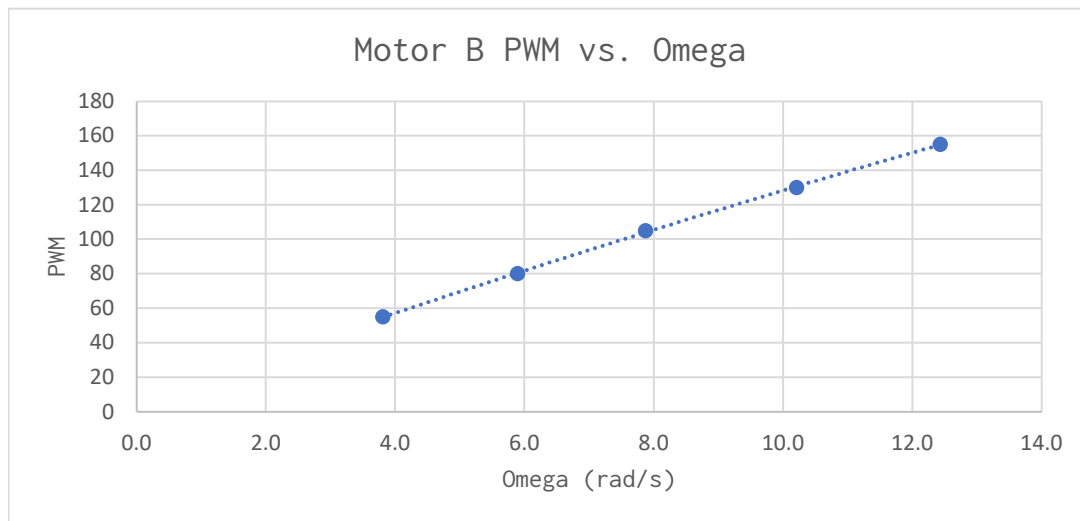


Homework #5 Problem 1, due 11/25/19.

Motor B USB						
PWM	# Turns (1)	# Turns (2)	# Turns (3)	Avg. Turns	Omega (rad/s)	
55	6.1	6	6.1	6.1	3.8	
80	9.25	9.4	9.5	9.4	5.9	
105	12.3	12.7	12.6	12.5	7.9	
130	16.25	16.25	16.25	16.3	10.2	
155	19.75	19.8	19.8	19.8	12.4	



Equation of fit line:

$$y = -0.112x^2 + 13.415x + 5.378$$