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

Motor A USB					
PWM	**# Turns (1)**	**# Turns (2)**	**# Turns (3)**	**Avg. Turns**	**Omega (rad/s)**
55	5	4.5	4.5	4.7	2.9
80	7.4	7.25	7.8	7.5	4.7
105	11.25	11.25	11.4	11.3	7.1
130	14.7	14.75	14.6	14.7	9.2
155	18.25	18.25	18.2	18.2	11.5
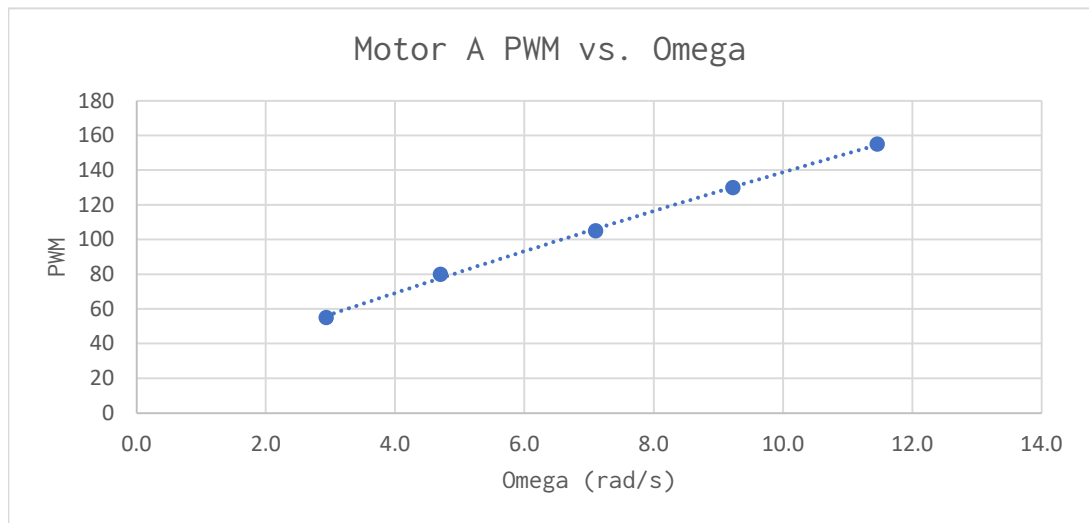
Equation of fit line:

$y = -0.107x^2 + 13.105x + 18.545$