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lab 3 prob 1 trial 3 (block a)

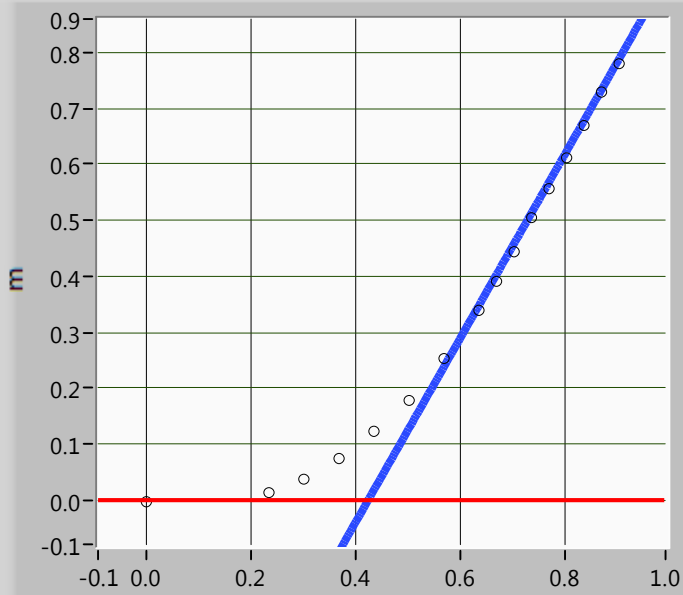
Prediction

Data

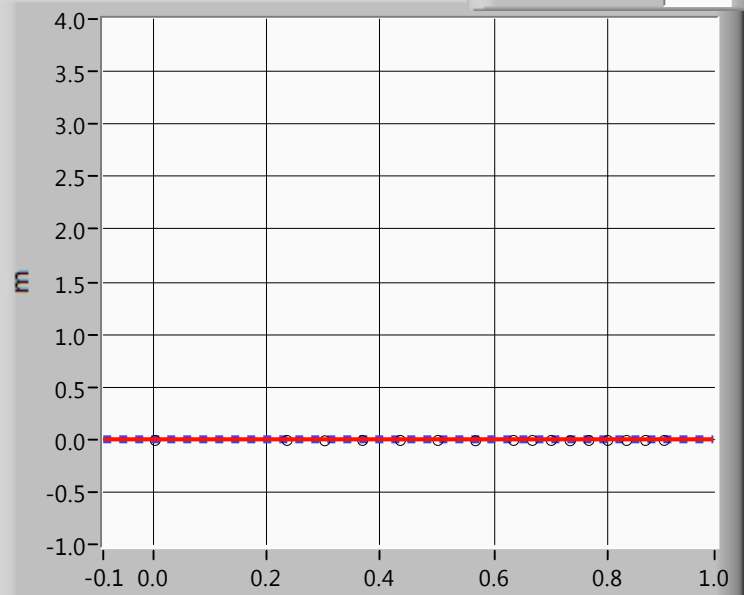
Fit



X Position vs. Time



Y Position vs. Time



x Prediction Equation

$$f(z) = 0 + 0 z$$

x Fit Equation

$$f(z) = -0.7 + 1.65 z$$

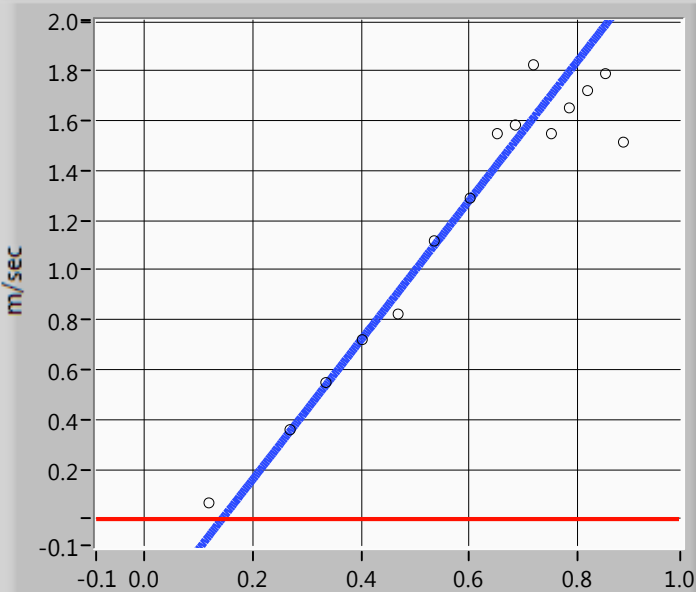
y Prediction Equation

$$f(z) = 0 + 0 z$$

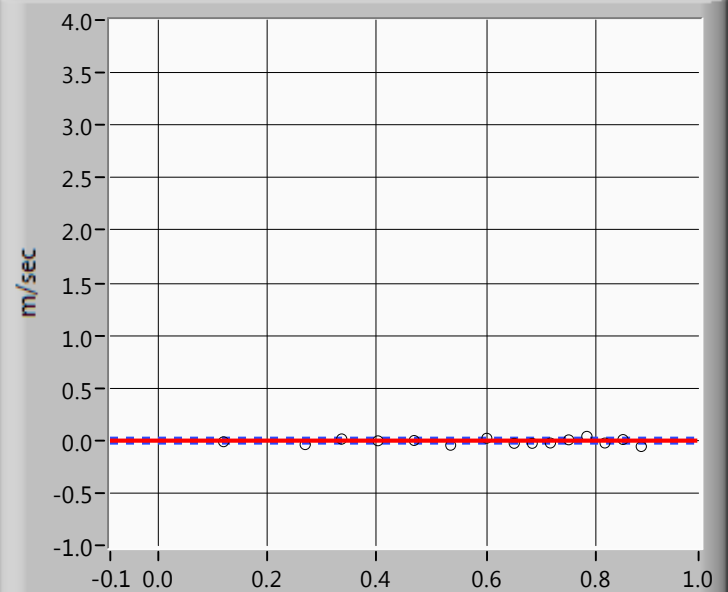
y Fit Equation

$$f(z) = 0 + 0 z$$

X Velocity vs. Time



Y Velocity vs. Time



Vx Prediction Equation

$$f(z) = 0 + 0 z$$

Vx Fit Equation

$$f(z) = -0.4 + 2.8 z$$

Vy Prediction Equation

$$f(z) = 0 + 0 z$$

Vy Fit Equation

$$f(z) = 0 + 0 z$$