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Lab 3 Prob 1 Trial 1 Placebo Quadratic

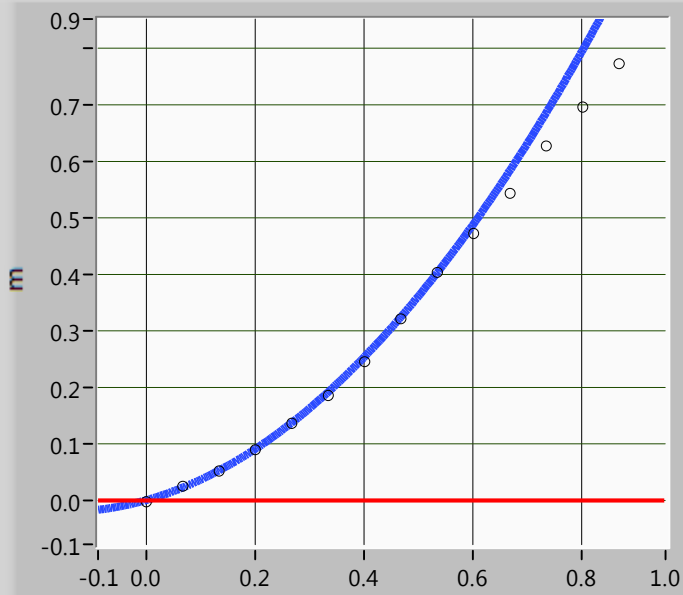
Prediction

Data

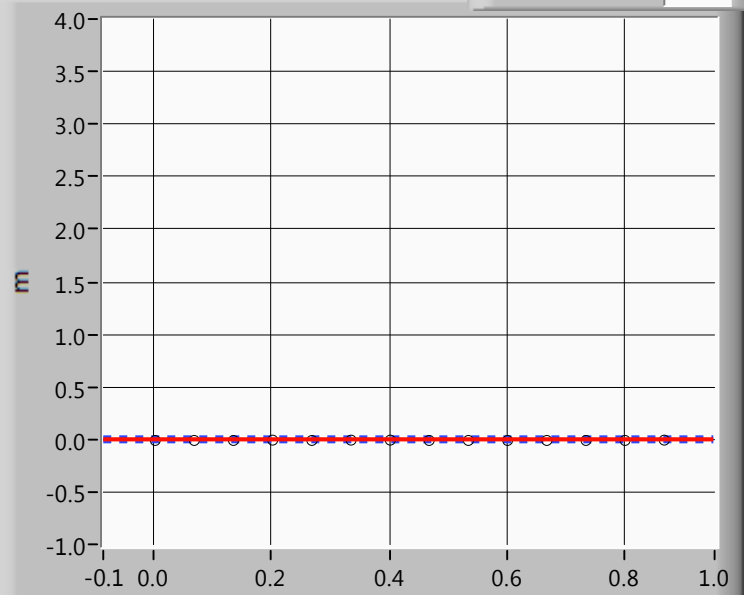
Fit



X Position vs. Time



Y Position vs. Time



x Prediction Equation

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

x Fit Equation

$$f(z) = 0 + 0.27 z + 0.905 z^2$$

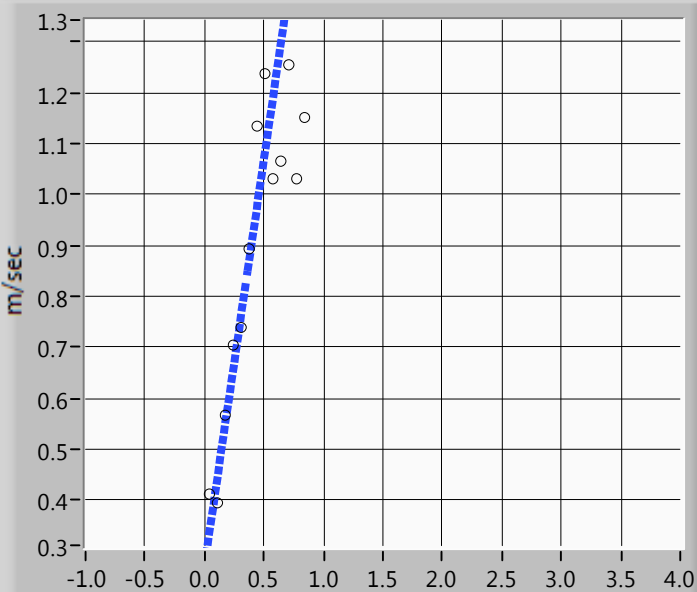
y Prediction Equation

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

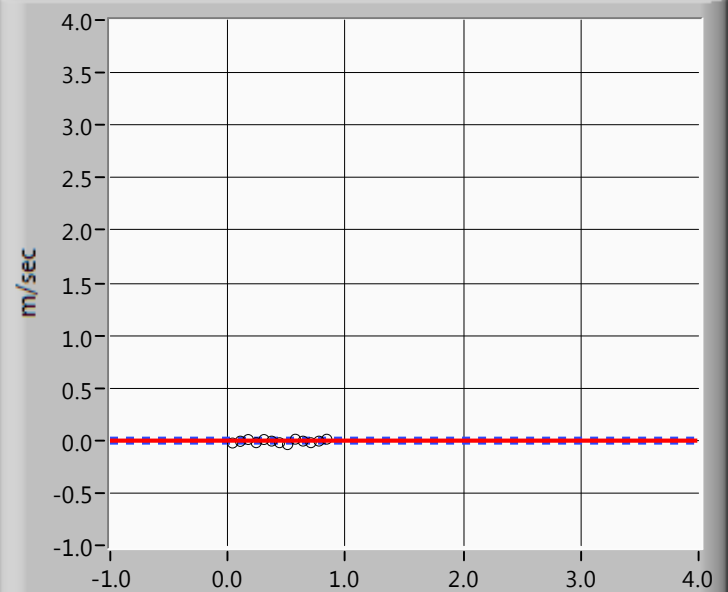
y Fit Equation

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

X Velocity vs. Time



Y Velocity vs. Time



Vx Prediction Equation

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

Vx Fit Equation

$$f(z) = 0.27 + 1.6 z$$

Vy Prediction Equation

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

Vy Fit Equation

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