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Cart Motion From Rest

Prediction



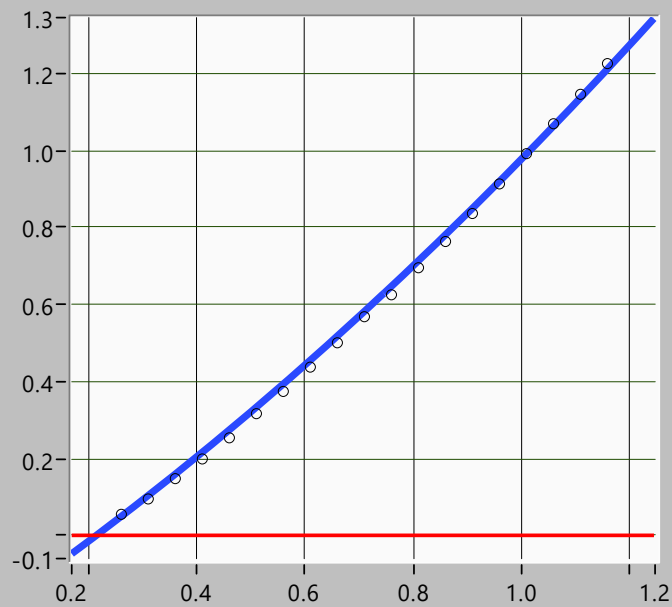
Data



Fit



X Position vs. Time



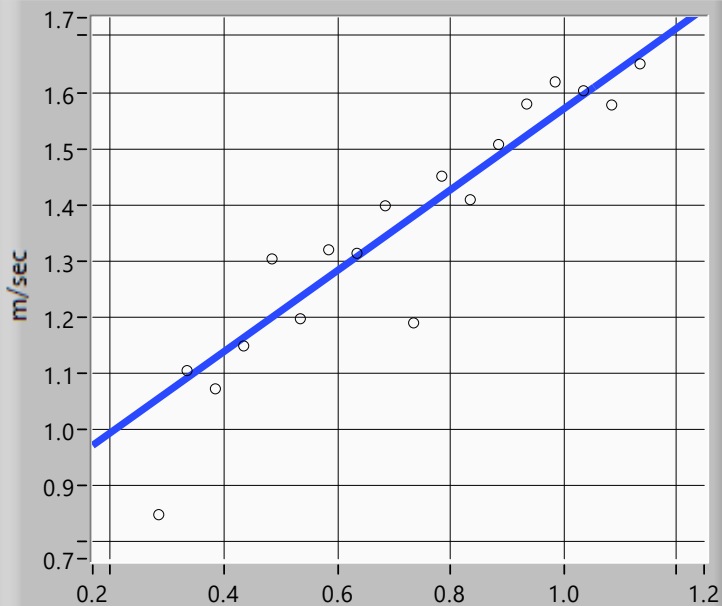
x Prediction Equation

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

x Fit Equation

$$f(z) = -0.214 + 0.95 z + 0.24 z^2$$

X Velocity vs. Time



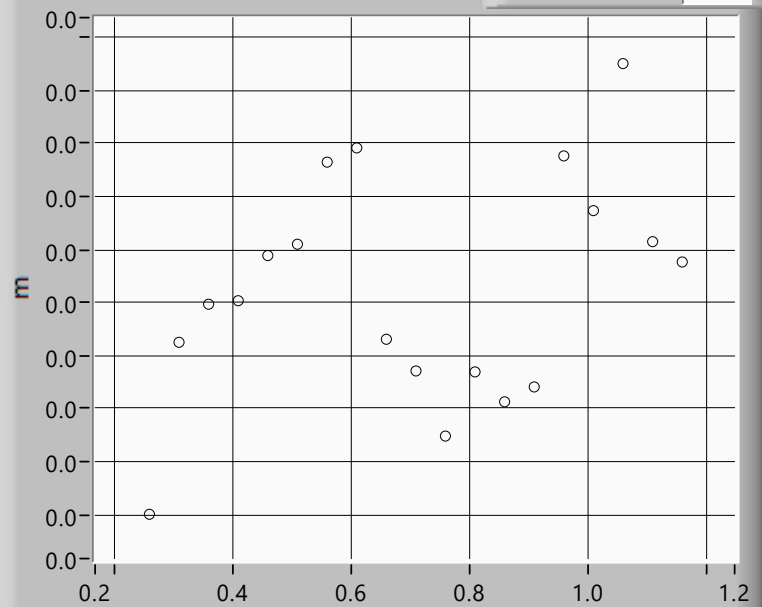
Vx Prediction Equation

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

Vx Fit Equation

$$f(z) = 0.8 + 0.72 z$$

Y Position vs. Time



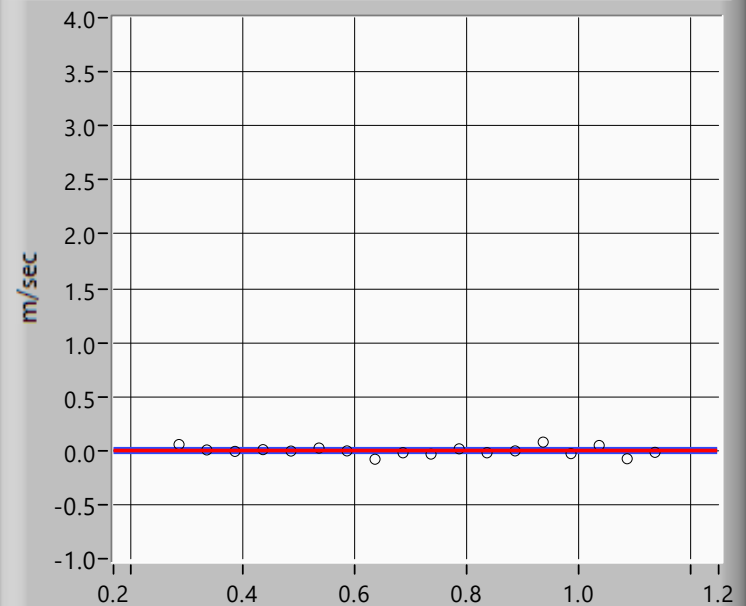
y Prediction Equation

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

y Fit Equation

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

Y Velocity vs. Time



Vy Prediction Equation

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

Vy Fit Equation

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