

Print!

Motion of Ball

Prediction



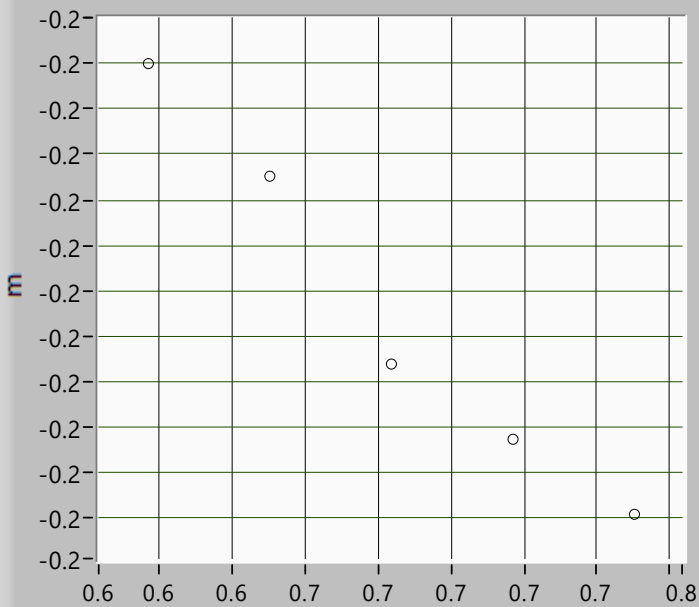
Data



Fit



X Position vs. Time



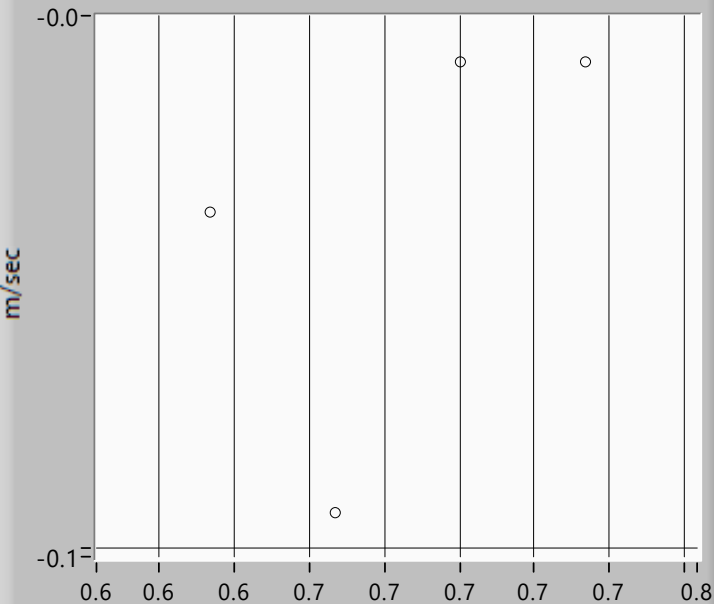
x Prediction Equation

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

x Fit Equation

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

X Velocity vs. Time



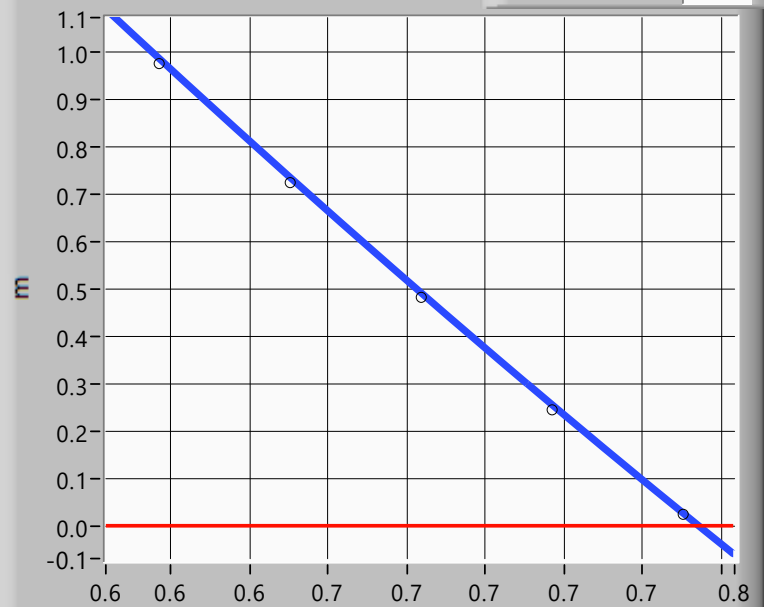
Vx Prediction Equation

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

Vx Fit Equation

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

Y Position vs. Time



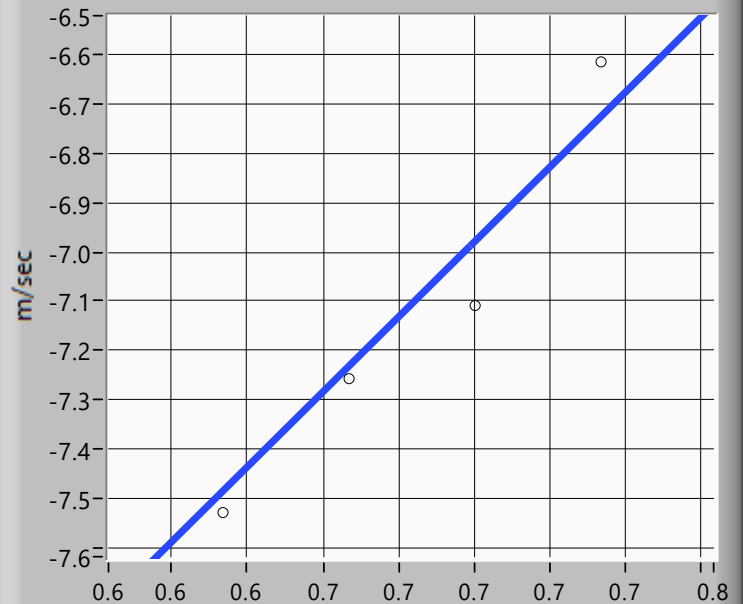
y Prediction Equation

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

y Fit Equation

$$f(z) = 6.959 + -11.741 z + 3.333 z^2$$

Y Velocity vs. Time



Vy Prediction Equation

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

Vy Fit Equation

$$f(z) = -12.3 + 7.6 z$$