

Handwritten signature

$$\text{slope} = \frac{4\pi^2}{g}$$

$$\frac{y_2 - y_1}{x_2 - x_1} = \frac{2.387 - 1.7822}{0.583 - 0.706} = -4.92$$

$$-4.92 = \frac{4\pi^2}{g}$$

$$g = -8.03 \frac{m}{s^2}$$

$$\% \text{ error} = \frac{8.03 - 9.81}{9.81} \times 100 =$$

$$= 18.1447\%$$

