

Physics 2204s
Lab #1
Acceleration due to Gravity

Lab write up includes:

Title

Purpose

Procedure

Observations (Table of Data)

Analysis:

1. Draw a d-t graph for your data.
2. Calculate 2 instantaneous velocities (the slope of 2 tangents).
3. Draw a v-t graph showing your 2 instantaneous velocities.
4. Calculate the slope of your v-t graph. This is the acceleration of your falling object.

Conclusion (Report the average acceleration for your group.)

Sources of Error

*+Acceleration due to Gravity
using iphones...*