Assignment Kinematics
Student ID 0

January 23, 2024

1   Acceleration for an Object Starting at Rest

Difficulty = easy Number Points = 2

1.1   Problem

An object is released from rest from someones hand at the top of a building. Before it hits the ground, it travels 1.325 s(1). How far has it traveled? The local graviational constant is 9.81 $m(1) * s(-2)$

1.2   Solution

After 1.325 s(1) the object has fallen 8.611 ft(1).