

How does the time it takes a ball to roll down a slope
depend on the distance it travels?

Jason Wells, Kevin Qiao, Stephen Okita and Terri Tai

Experiment performed: 20/10/2021 Reprt submitted:
26/10/2021

Img.png

Contents

document

0.1 Introduction

$$y = \sqrt{\frac{2x}{-9.8(\sin(5.17)) - 0.14 \cos(5.17)}}$$