Lab Report

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1 Abstract

This is a fake lab report, I am going to talk about different equations and show them using LaTeX.

2 Introduction

Here is an equation you might use if you are going trying to find the error in a value that you got by adding two values that each have their own error.

$$\delta Q = \sqrt{(\delta A)^2 + (\delta B)^2}$$

3 Data

Here is an excerpt from a previous lab: The initial momentum of the system is mass multiplied by volume (mv). By the law of conservation of linear momentum, this must also be the momentum of the entire system immediately after impact, which is why mv(for the ball) and (m+M)V (for the entire system) are equal immediately after impact. This equates to:

$$v = (\frac{M+m}{m})V$$