

IA

Minh Do

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1 Research Proposal

Investigating the change in acceleration of the ball going down an inclined plane.

Research Question: Is the acceleration of the ball stay the same while going down the inclined plane.

Independent variable: The distance of the inclined plane.

Dependant variable: The amount of time the ball take to finish the inclined plane

Controlled variable: -The set up of the inclined plane (The height, the angle)

-The equipment: The ball, and plane and the timer

Equipment:

-The inclined plane

-A LabPro connected with a Motion Detector

Data collection: It will be begin on 2/18/16. I will do it with a friend, who will aid me setting up the equipment and help me with the data processing on the software.

Data analysis:

Conclusion and evaluation