

# **AN ELECTRONICS EXPERIMENTAL TO CALCULATE THE IMPACT IN DIFFERENT MATERIALS**

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## **ABSTRACT**

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The project aim was to design a prototype that can calculate impact on different types of building materials by dropping a fixed mass onto the test material at different heights. The fixed mass is to drop by free fall and thus gravitational acceleration is assumed.

To meet the objectives of the project, the prototype needed to be able to determine and adjust the height by mechanical and or electrical means and also be able to accurately determine the degree of impact on the test materials. The results of the experiments during testing of the prototype must also have been able to show on a computer.