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Design of Apparatus to Study of a Rotating double cone down an Inclined Plane

The design of apparatus to study of a rotating double cone down an inclined plane by tracker video analysis and modeling tool for physics education in order to determine the moment of inertia compared to the moment of inertia is calculated by theory. Using materials made from wood and materials made from super lean, which the object is to control both the volume and the same shape is double cone. We have found that the moment of inertia of the material, made of wood with error value 18.34 % and the moment of inertia of the material is made of super line with error value 9.62 % compared to the moment of inertia was calculated by theory.

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