

Having Variable Frictional Force, Developing a Spring Block Model for Earthquake

*kazuhiko hoshi¹

1. Johoku high school

Methods to reproduce earthquakes using a Spring Block Model have existed for some time, such as "An analog two-dimensional Spring Block Model for classroom" 1) , but there is a problem that the frictional force cannot be changed. Therefore, we constructed a Spring Block Model using a craft motor and a fishing weight. By using the experimental method, we succeeded in making a spring block with variable friction force.

1) Okamoto, An analog two-dimensional Spring Block Model for classroom, JpGU 2015 Conference, May in 2015

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