

Development of simple seismometer made with materials of 100 Yen Shop

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We developed simple seismometer made with materials of "100 Yen hop" for outreach. Recently, neodymium magnets can be purchased from the 100 Yen shop. It is difficult to purchase nichrome or copper wires to make a coil, but one option could be to use the coil in an alarm clock. We used PC or smartphone for monitoring the wave signal. With an application for oscilloscope (e.g., "Sound Oscilloscope"), we can see the wave signal to the microphone input of the smartphone. We report the details of procedure for making the simple seismometer.

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