

The cheapest simulator for characteristic vibrations, Vibranger 2009, by Dr. Avaranger

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Recently, large swinging of the skyscraper which resonates by the long-period ground motion becomes a topic. The experiment which is made to resonate by the proper oscillation in disaster prevention event and science event is often carried out the building model of the miniature in order to comprehensibly show this phenomenon for the generality. The author has also carried out the similar experiment until now using sponge. In this paper, the simple and cheap experiment which simulates the swinging of the building by the characteristic oscillation is introduced using only piece of paper of the elimination, scissors and stapler.