

# **Top 10 mechanical experiments for the teaching of sound and vibration in mechanical engineering**

## **Abstract**

The use of experimental tools such as electrodynamic shakers, hammers, accelerometers, and microphones are reviewed as part of the educational curriculum for the young mechanical engineer and science degree student. A list of unique 10 laboratory experiments are described as part of a good foundation for engineers interested in the fields of vibration dynamics, acoustics, and mechanical systems.