

Review of articles for FY1M class
J. Erhart

Scopus - **resonance**

Ladino L.A., Rondón H.S.: Determining the damping coefficient of a simple pendulum oscillating in air
(2017) Physics Education, 52 (3), art. no. 033007

Subramaniam R., Tiang N.H.: Resonance: Pendulums swing into resonance
(2004) Physics Education, 39 (5), pp. 395

Vollmer M.: Direct speed of sound measurement within the atmosphere during a national holiday in New Zealand
(2018) Physics Education, 53 (3), art. no. 033007

Nemeš T., Samardžić S., Milutinov M.: Investigation of magnetic resonance in the domain of variable magnetization
(2021) Physics Education, 56 (5), art. no. 055019

Howgate G.J., Pithia K.D.: Calculation of the velocity of sound using a resonance tube
(2018) Physics Education, 53 (6), art. no. 063006

Francés J., Navarro-Fuster V., Marini S., Bleda S., María Calzado E., Puerto D., Gallego S. Estimation of the speed of sound waves using a modular 3D printed Helmholtz resonator
(2021) Physics Education, 56 (5), art. no. 055039

Jaafar R., Mat Daud A.N., Md Yusof M.R.: Visualizing the superposition principle of sound waves in both-closed-end resonance tube
(2019) Physics Education, 54 (2), art. no. 025004

Eshach H., Volfson A.: Explanatory model for sound amplification in a stethoscope
(2015) Physics Education, 50 (1), pp. 75 - 80

Featonby D., Dovalova K.: What Happens Next? Resonance—Answer
(2024) Physics Education, 59 (2), art. no. 027001

Starrett M.J.: Resonance and radio
(2008) Physics Education, 43 (5), pp. 515 - 518

Tabaru M., Funakura T., Matsutani A.: Experiments of acoustic resonance and vibration mode of kotsuzumi using paper pipe, V-shape pendulum, and carbon paper
(2025) Physics Education, 60 (1), art. no. 015028

Perea Martins J.E.M.: Design of electronic systems for automatic and real time analysis of sound waves amplitude in resonance tubes
(2021) Physics Education, 56 (5), art. no. 055005

Chandra S.: Resonance in an open tube: A new demonstration
(2005) Physics Education, 40 (6), pp. 508 - 509

Amir N., Abdullah N.B.: 'Dancing dolls in resonance': A simple design-and-make STEAM toy project to promote student interest and engagement in physics
(2021) Physics Education, 56 (2), art. no. 025022

Jaafar R., Mat Daud A.N., Ali S., Ayop S.K.: Three-in-one resonance tube for harmonic series sound wave experiments
(2017) Physics Education, 52 (4), art. no. 045008

Featonby D., Dovalova K.: What happens next? Resonance
(2024) Physics Education, 59 (1), art. no. 017003

Monteiro M., Stari C., Martí A.C.: A home-lab experiment: resonance and sound speed using telescopic vacuum cleaner pipes
(2023) Physics Education, 58 (1), art. no. 013003

Torriente-García I., Muñoz-Pérez F.M., Castro-Palacio J.C., Monsoriu J.A.: The internal resistance of a non-ideal inductor in an RLC series circuit at resonance
(2024) Physics Education, 59 (4), art. no. 045004

Chekour M.: The impact perception of the resonance phenomenon simulation on the learning of physics concepts
(2018) Physics Education, 53 (5), art. no. 055004

Taylor K.: Resonance effects in magnetically driven mass-spring oscillations
(2011) Physics Teacher, 49 (1), pp. 49 - 50

Bates A.: A new resonance tube
(2017) Physics Teacher, 55 (9), pp. 544 - 545

Monteiro M., Marti A.C., Vogt P., Kasper L., Quarthal D.: Measuring the acoustic response of Helmholtz resonators
(2015) Physics Teacher, 53 (4), pp. 247 - 249

Wei Y.: An Entertaining Resonance Experiment with Just Two Spring Scales
(2024) Physics Teacher, 62 (2), pp. 90 - 92

Slogoff H., Berner B.: A simulation of the Tacoma narrows bridge oscillations
(2000) Physics Teacher, 38 (7), pp. 442 - 443

Daffron J.A., Greenslade T.B.: The frahm resonance apparatus: Variations on a theme
(2013) Physics Teacher, 51 (6), pp. 357 - 358

Moran T.J., Hill B.K.: Inexpensive resonance analysis
(2009) Physics Teacher, 47 (9), pp. 599 - 600

Wei Y.: A Quick and Intuitive Demonstration of (Magnetic) Resonance Using Just Three Magnets
(2024) Physics Teacher, 62 (8), pp. 650 - 652

Bogacz B.F., Pedziwiatr A.T.: The sound field around a tuning fork and the role of a resonance box
(2015) Physics Teacher, 53 (2), pp. 97 - 100

Sugimoto N.: Demonstration of simple and dramatic resonance in a whiskey bottle
(2013) Physics Teacher, 51 (1), pp. 58 - 59

Kovaľáková M., Kladivová M., Gibová Z.: Helmholtz Resonator in Laboratory Experiments
(2020) Physics Teacher, 58 (3), pp. 179 - 181

Cookson E., Nelson D., Anderson M., Barsukov I., McKinney D.L.: Exploring Magnetic Resonance with a Compass
(2019) Physics Teacher, 57 (9), pp. 633 - 635

Mak S.-Y.: Qualitative demonstrations of parallel/series resonance
(1999) Physics Teacher, 37 (3), pp. 179 - 180

Stephens H., Tam A., Moloney M.: Decay Times and Quality Factors for a Resonance Apparatus
(2011) Physics Teacher, 49 (7), pp. 421 - 422

Liebl M.: Saw blades and resonance
(2005) Physics Teacher, 43 (5), pp. 282 - 284

Welsch D., Baker B.: Wavelength variation of a standing wave along a vertical spring
(2018) Physics Teacher, 56 (3), pp. 155

Kneubil F.B.: Driven Series RLC Circuit and Resonance: A Graphic Approach to Energy
(2020) Physics Teacher, 58 (4), pp. 256 - 259

Vogt P., Kasper L.: Recording a resonance curve with smartphones and wine glasses
(2022) Physics Teacher, 60 (4), pp. 308 - 309

Chen Y.J.L., Wang S.-H., Lih J.-S., Chen T.-C., Hung J.-F., Ko J.-Y.: A Metronome Drives a Pendulum in Resonance
(2025) Physics Teacher, 63 (5), pp. 330 - 332

Greenslade T.B., Jr.: Electro-Mechanical Resonance Curves
(2018) Physics Teacher, 56 (3), pp. 144 - 145