

# Classical Mechanics: A Modern Perspective, 2nd Edition

By Vernon Barger, V. Barger, Martin Olsson



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This outstanding volume in the McGraw-Hill International Series in Pure and Applied Physics provides solid coverage of the principles of mechanics in a well-written, accessible style. Topic coverage for the second edition of Classical Mechanics: A Modern Perspective includes linear motion, energy conservation, Lagrange's equations, momentum conservation, as well as discussions of nonlinear mechanics and relativity. The text is comprehensive and designed to be appropriate for one- or two-semester introductory mechanics courses. Drs. Barger and Olsson have taken great care to provide readers with the most understandable presentation possible, including an abundance of new and relevant examples, problems, and interesting applications. In order to develop the most up-to-date coverage of mechanics in the second edition, the authors have included modern coverage of topics in chaos and cosmology, as well as numerous discussions of numerical techniques.



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