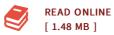




## Elements of Newtonian Mechanics

By Knudsen, Jens M. / Hjorth, Poul G.

Condition: New. Publisher/Verlag: Springer, Berlin | Including Nonlinear Dynamics. With 131 Problems with Solutions and 89 Worked Examples | This textbook provides a thorough introduction to Newtonian Mechanics and is intended for university students in physics, astronomy and engineering. It is based on a course for which the author earned an award as the best introductory course at the University of Copenhagen, Denmark. About 130 problems with solutions and 89 worked examples help the students to grasp the essential aspects of the subject, and to develop proficiency in using the powerful methods of Newtonian Mechanics. Moreover, the problem of motion and the concept of inertial frames is faced from the very beginning, and runs through the entire development of classical mechanics. This new and fresh approach will give the student the best introduction to an important area of physics. | In the third edition a number of minor misprints that appeared in the second edition have have been corrected. Furthermore, 17 new problems have been added, at the end of chapters 6, 8, 9, 11, 12, 13, and 14. The answers to these 17 problems have not been listed in the ' Answers' section at the end of the book. This will permit the...



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