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Classical mechanics describes the motion of macroscopic objects, from projectiles to parts of machinery, and astronomical objects, such as spacecraft, planets, stars and galaxies.. If the present state of an object is known it is possible to predict by the laws of classical mechanics how it will move in the future (determinism) and how it has moved in the past (reversibility).

Classical mechanics - Wikipedia

This book is great for learning the topic for the first time, and even better once you're looking for a good reference at a later time. It goes very deeply into the physics and philosophy of classical mechanics.

Classical Mechanics: Pearson New International Edition

This article is missing information about the contributions of Islamic polymaths. Please expand the article to include this information. Further details may exist on the talk page. (October 2010)

History of classical mechanics - Wikipedia

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Classical Mechanics: Herbert Goldstein, Charles P. Poole

This note provides an introduction to the mechanics of solids with applications to science and engineering. It emphasizes the three essential features of all mechanics analyses, namely: (a) the geometry of the motion and/or deformation of the structure, and conditions of geometric fit, (b) the forces on and within structures and assemblages; and (c) the physical aspects of the structural system ...

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The subject of most of this book is the quantum mechanics of systems which have a small number of degrees of freedom. This book is a mix of descriptions of quantum mechanics itself, the general properties of systems described by quantum mechanics, and general techniques for describing their behavior.

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Preface Why Another Book on Quantum Mechanics? This document was written because of the recognition that with current emphasis on nanotechnology, quantum mechanics is becoming increasingly essential to mechanical engineering

Fundamental Quantum Mechanics for Engineers

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applied on the body that cause it to separate, compress or slide. External forces are either surface forces or body forces. Stress is the average force per unit area that a ...

Stress (mechanics) - Simple English Wikipedia, the free

Preface This book is the English version of the French "Géométrie non commutative" published by InterEditions Paris (1990). After the initial translation by S.K. Berberian,

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