



Introduction to Analytical Mechanics (Hardback)

By K. a. i. l. w. Gamalath

Alpha Science International Ltd, United Kingdom, 2011. Hardback. Condition: New. Language: English . Brand New Book. Introduction to Analytical Mechanics is an attempt to introduce the modern treatment of classical mechanics so that transition to many fields in physics can be made with the least difficulty. This book deal with the formulation of Newtonian mechanics, Lagrangian dynamics, conservation laws relating to symmetries, Hamiltonian dynamics Hamilton s principle, Poisson brackets, canonical transformations which are invaluable in formulating the quantum mechanics and Hamilton-Jacobi equation which provides the transition to wave mechanics.



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