Preface to the Series
Preface
Introduction
The One-Body Problem p. 1
The Two-Body Problem p. 29
The Three-Body Problem p. 55
The Four-Body Problem p. 83
The n-Body Problem in the Hartree-Fock Approximation p. 99
The Harmonic Oscillator in Scattering and Reaction Theory p. 117
Group Theory of Harmonic Oscillators p. 151
Four-Dimensional Harmonic Oscillator and Coulomb Problem p. 187
The Five-Dimensional Oscillator and Nuclear Collective Motions p. 213
The Six-Dimensional Oscillator and the Interacting Boson Model p. 265
The One-Body Relativistic Oscillator p. 289
The Two-Body Relativistic Oscillator p. 309
The n-Body Relativistic Oscillator p. 367
Conclusions p. 405
Index p. 407

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.