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Nota di contenuto	Contents -- About the author -- Preface -- 1. Quantum harmonic oscillator and allied topics -- 2. QHO revisited—the Method of Frobenius -- 3. The hydrogen atom -- 4. Governing equations -- 5. Feynman path integral -- 6. Quantum electrodynamics -- Index
Sommario/riassunto	Size reduction in mesoscopic and nano-scoping electronic and plasmonic devices makes classical quantum mechanics (QM) and electrodynamics (QED) in electronics inevitable. Electronics engineers are unfamiliar with the mathematical apparatus in QM and QED, which can be formidably abstract. This book explains QM and QED to engineers.