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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [360]-368) and index.
Nota di contenuto	Contents; List of symbols; List of abbreviations; I: Introduction and background; II: Photons; III: Atom-photon interactions; IV: Quantum information processing; Appendices; Solutions and hints to the exercises; Bibliography; Index
Sommario/riassunto	Quantum optics: an introduction is a modern textbook written primarily for advanced undergraduate and masters level students in physics. In addition to standard topics, the text includes a broad range of topics in applied quantum optics such as laser cooling, Bose-Einstein condensation and quantum information processing. - ;Most previous texts on quantum optics have been written primarily for the graduate student market at PhD level and above. Quantum optics: an introduction aims to introduce a wide range of topics at a lower level suitable for advanced undergraduate and Masters level students