Record Nr. UNINA9910778814003321 Autore Cohen-Tannoudji Claude Titolo Advances in atomic physics [[electronic resource]]: an overview Pubbl/distr/stampa Singapore, : World Scientific Publishing Company, 2011 **ISBN** 1-280-35430-5 9786613555236 981-277-498-X 1 online resource (794 p.) Descrizione fisica Altri autori (Persone) Guery-OdelinDavid Disciplina 539.7 Soggetti Nuclear physics **Physics** Physical Sciences & Mathematics **Nuclear Physics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Note generali Description based upon print version of record.

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Sommario/riassunto

This book presents a comprehensive overview of the spectacular advances seen in atomic physics during the last 50 years. The authors explain how such progress was possible by highlighting connections between developments that occurred at different times. They discuss the new perspectives and the new research fields that look promising. The emphasis is placed, not on detailed calculations, but rather on physical ideas. Combining both theoretical and experimental considerations, the book will be of interest to a wide range of students, teachers and researchers in quantum and atomic physics.