

1. Record Nr.	UNINA9910458366303321
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Titolo	Atomic physics in hot plasmas [[electronic resource] /] / David Salzmann
Pubbl/distr/stampa	New York, : Oxford University Press, 1998
ISBN	1-280-52914-8 9786610529148 0-19-535515-6 1-4294-0015-3
Descrizione fisica	1 online resource (272 p.)
Collana	International series of monographs on physics ; ; 97
Disciplina	530.44
Soggetti	Atoms High temperature plasmas Ions Plasma spectroscopy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 251-257) and index.
Nota di contenuto	1. Introductory Remarks, Notations, and Units -- 2. Modeling of the Atomic Potential in Hot Plasmas -- 3. Atomic Properties in Hot Plasmas -- 4. Atomic Processes in Hot Plasmas -- 5. Population Distributions -- 6. The Emission Spectrum -- 7. Line Broadening -- 8. Experimental Considerations: Plasma Diagnostics -- 9. The Absorption Spectrum and Radiation Transport -- 10. Applications.
Sommario/riassunto	Presents a comprehensive treatise on the field of atomic physics in hot plasmas, which can be used both for tutorial and professional purposes, and which summarizes the central subjects in the field.