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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.