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Altri autori (Persone)	AveryJohn <1933->
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Nota di bibliografia	Includes bibliographical references (p. 213-231) and index.
Nota di contenuto	Historical Background; Momentum Space and Iteration; Generalized Sturmians Applied to Atomic Spectra; Autoionizing States; Core Ionization; Strong External Fields; Relativistic Effects; Momentum Space, the Fock Transformation; Harmonic Polynomials; Hyperspherical Harmonics; The Many-Center Problems.
Sommario/riassunto	Describes the generalized Sturmian method, which offers a fresh approach to the calculation of atomic spectra. This work also discusses methods for automatic generation of symmetry-adapted basis sets. A final chapter also discusses application of the generalized Sturmian method to the calculation of molecular spectra.