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Titolo	The atmosphere and ionosphere : elementary processes, discharges and plasmoids // Vladimir Bychkov, Gennady Golubkov, Anatoly Nikitin, editors
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Altri autori (Persone)	BychkovV (Vladimir) GolubkovGennady NikitinAnatoly
Disciplina	551.51
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Note generali	"With 115 figures and 11 tables."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ionization of Excited Atoms in Thermal Collisions -- Elementary Processes Involving Rydberg Molecules in a Strong Laser Field -- Nanoaerosols in the Atmosphere -- Electromagnetic Drivers in the Upper Atmosphere: Observations and Modeling -- Discharge Processes in a Stratosphere and Mesosphere During a Thunderstorm -- Vortex Plasmoids Created by High Frequency Discharges.
Sommario/riassunto	The book presents research devoted to atmospheric and ionospheric science reported during the Conference "Atmosphere, Ionosphere, Safety" held in Kaliningrad, Russia in July 2010. It consists of works devoted to physics of elementary processes, aerosols, ionosphere dynamics, microwave discharges and plasmoids. Such a wide range of topics presents a comprehensive analysis of this atmospheric science including trends and questions which exist to be solved.