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Descrizione fisica	1 online resource (XVIII, 271 p.) : 121 illus., 67 illus. in color
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Soggetti	Air traffic control Aerospace Technology and Astronautics Quality Control, Reliability, Safety and Risk Electronics and Microelectronics, Instrumentation Systems Theory, Control Control Structures and Microprogramming Control and Systems Theory
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Nota di contenuto	Management of the Airspace Use Planning in the Russian Federation -- Advanced Automated ATC Systems -- Purpose and Comparative Study of the Controllers of ATC Automated System Simulators -- Technical Requirements to the ATC Automation System Simulators for Controllers -- Architecture and Composition of ATC Automation System Simulators for Controllers -- ISS Automated Workstations -- Organization of Simulated "Ground-Air" Radio Communication and Service Loud-Speaking Communication -- Automated Training Aids for the Remote ATC Specialists Proficiency Maintaining System -- ISS Special Software -- ATC Radiotechnical Aids -- Economics at ATC Automation Systems Implementation.
Sommario/riassunto	This book highlights operation principles for Air Traffic Control Automated Systems (ATCAS), new scientific directions in design and application of dispatching training simulators and parameters of ATCAS radio equipment items for aircraft positioning. This book is designed for specialists in air traffic control and navigation at a professional and scientific level. The following topics are also included in this book: personnel actions in emergency, including such unforeseen

circumstances as communication failure, airplane wandering off course, unrecognized aircraft appearance in the air traffic service zone, aerial target interception, fuel draining, airborne collision avoidance system (ACAS) alarm, emergency stacking and volcanic ash cloud straight ahead.
