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Titolo	Advanced, Contemporary Control : Proceedings of the XXI Polish Control Conference, Gliwice, Poland, 2023. Volume 1 // edited by Marek Pawelczyk, Dariusz Bismor, Szymon Ogonowski, Janusz Kacprzyk
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ISBN	3-031-35170-3
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Descrizione fisica	1 online resource (412 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 708
Disciplina	629.8312
Soggetti	Automatic control Robotics Automation Computational intelligence Control and Systems Theory Control, Robotics, Automation Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Development of information technologies for the research of technical systems -- On Mikhailov stability conditions for a class of integer- and commensurate fractional-order discrete-time systems -- Verification of a Building Simulator in Real Experiments -- Aspects of measurement data acquisition and optimization in the energy transformation of industrial facilities -- Continuous-Time Dynamic Model Identification Using Binary-Valued Observations of Input and Output Signals -- Time Series Identification Using Monte Carlo Method.
Sommario/riassunto	This book introduces the reader to the hottest topics in current control sciences and robotics, as seen by scientists from Poland and other European countries. Volume 1 comprises 37 chapters, which specifically address topics connected to modeling, identification, and analysis of automation systems, to design of control systems, and to fault diagnosis and fault-tolerant control. The contributions were presented during XXI Polish Control Conference, held in Gliwice, Poland, from June 26 to 29, 2023. This book is extremely useful to all

persons who want to know the latest trends in automation and robotics.

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