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Titolo	Mathematical Modeling and Simulation of Systems : Selected Papers of 18th International Conference, MODS, November 13-15, 2023, Chernihiv, Ukraine // edited by Volodymyr Kazymyr, Anatoliy Morozov, Alexander Palagin, Serhiy Shkarlet, Nikolai Stoianov, Dmitri Vinnikov, Mark Zheleznyak
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Nota di contenuto	Combining HAZOP Technique and Modeling of High Energy Processes in Reflux Drum of Hydrocarbons Distillation Process as an Element of Process Safety Information Technology -- Modeling and Homogenization of Filtration Processes in Periodic Media with Sources -- Method of Assessment of Years of Life Lost due to COVID 19 Pandemic in Ukraine -- Prediction of Durability of the Coatings of High Loaded Friction Hinge Joints.
Sommario/riassunto	Modern complex multi-domain systems require increased efficiency,

reliability and availability combined with reduced cost. This book contains papers on mathematical modeling and simulation of processes in various areas: in ecology and the environment, production and energy, information technology, samples of special purpose equipment, and cyber-physical systems. The outcomes presented in the book will be useful to specialists involved in the modeling and simulation of real-world system, management and decision-making models, production models, and software products. Scientists have the opportunity to familiarize themselves with the latest research in a variety of solutions proposed by leading scientists and to determine promising directions for solving complex scientific and practical tasks. Chapters of this book contain papers presented at the 18th MODS International Conference, November 13–15, 2023, Chernihiv, Ukraine.
