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Sommario/riassunto

This book presents the proceedings of the 30th International Conference on Systems Engineering held at the University of Nevada, Las Vegas (UNLV), USA, during August 22-24, 2023. Research in the discipline of Systems Engineering is an important concept in the advancement of engineering and information sciences. Systems Engineering attempts to integrate many of the traditional engineering disciplines to solve large complex functioning engineering systems, dependent on components from all the disciplines. The research papers contained in these proceedings reflect the state of the art in systems engineering from all over the world and should serve as vital references to researchers to follow. The topics covered in this book include AeroSpace Systems, Cyber-Physical Systems, Autonomous Systems, Sensor Networks, Machine Learning and Analytics, Internet of Things, Applied Media Informatics and Technology, Control Systems, Energy Systems, Automotive Systems, Biological Systems, Vehicular Networking and Connected Vehicles, Aerospace Systems, Automation, Manufacturing, Smart Grids, Nonlinear Systems, Power Systems, Robotics, Social Systems, Economic Systems, and others. This book is a very good resource for graduate students, researchers, and scholars who want to learn about the most recent development in the fields.