

Trends in Mechatronics Systems

Industry 4.0 Perspectives

This book consists of twelve chapters covering the design aspects, their feasibility, mathematical modeling by numerical, experimental, computational and simulation approaches. It discusses how different internet technologies integrate mechatronics systems with people, products and complex systems. The methodology and tools included in this book focus on contemporary aspects of integrating Industry 4.0 and mechatronics systems for new means and models to achieve a sustainable green environment. Readers will get an insight into the current development of mechatronics systems in the context of scientific disciplines and present new results of research and development, indicating the trends of development in this interdisciplinary field.

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