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Sommario/riassunto

This book features papers focusing on the implementation of new and future technologies, which were presented at the International Conference on New Technologies, Development and Application—Advanced Production Processes and Intelligent Systems held at the Academy of Science and Arts of Bosnia and Herzegovina in Sarajevo on 20–22 June 2024. It covers a wide range of future technologies and technical disciplines, including complex systems such as Industry 4.0; robotics; mechatronics systems; automation; manufacturing; cyber-physical and autonomous systems; sensors; networks; control, energy, renewable energy sources; automotive and biological systems; vehicular networking and connected vehicles; and intelligent transport, effectiveness and logistics systems, smart grids, nonlinear systems, power, social and economic systems, education, and IoT. The book New Technologies, Development and Application VII is oriented toward Fourth Industrial Revolution “Industry 4.0”, which implementation will improve many aspects of human life in all segments and lead to changes in business paradigms and production models. Further, new business methods are emerging, transforming production systems, transport, delivery, and consumption, which need to be monitored and implemented by every company involved in the global market.
