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	Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 271
	Disciplina	004.019
	Soggetti	Computational intelligence
		Cooperating objects (Computer systems)
		Data mining
		Machine learning
		Computational Intelligence
		Cyber-Physical Systems
		Data Mining and Knowledge Discovery
		Machine Learning
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	Nota di contenuto	Human-AI-collaboration in the context of information asymmetry: A behavioral analysis of Demand Forecasting -- A minimally supervised event detection method -- LDAvis, BERT: Comparison of method application under Corona conditions -- Artificial Intelligence (AI) coupled with Internet of Things (IoT) for the enhancement of occupational health and safety in the construction industry -- Graph-based modeling for adaptive control in assistance systems -- Chatbot user experience: Speed and content are king.
	Sommario/riassunto	This book addresses emerging issues concerning the integration of artificial intelligence systems in our daily lives. It focuses on the cognitive, visual, social and analytical aspects of computing and intelligent technologies, and highlights ways to improve the

acceptance, effectiveness, and efficiency of said technologies. Topics such as responsibility, integration and training are discussed throughout. The book also reports on the latest advances in systems engineering, with a focus on societal challenges and next-generation systems and applications for meeting them. Further, it covers some cutting-edge issues in energy, including intelligent control systems for power plant, and technology acceptance models. Based on the AHFE 2021 Conferences on Human Factors in Software and Systems Engineering, Artificial Intelligence and Social Computing, and Energy, held virtually on 25–29 July, 2021, from USA, this book provides readers with extensive information on current research and future challenges in these fields, together with practical insights into the development of innovative services for various purposes.