1. Record Nr. UNINA9910886987703321

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Titolo	Advances in Production Management Systems. Production Management Systems for Volatile, Uncertain, Complex, and Ambiguous Environments : 43rd IFIP WG 5.7 International Conference, APMS 2024, Chemnitz, Germany, September 8-12, 2024, Proceedings, Part II / / edited by Matthias Thürer, Ralph Riedel, Gregor von Cieminski, David Romero
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031658945 3031658949
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (508 pages)
Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 729
Altri autori (Persone)	RiedelRalph Von CieminskiGregor RomeroDavid
Disciplina	621.39 004.6
Soggetti	Computer engineering Computer networks Gestió de la producció Processament de dades Intel·ligència artificial Aplicacions industrials Logística industrial Computer Engineering and Networks Congressos Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Smart and Sustainable Supply Chain Management in the Society 5.0 Era. -- Data-Driven Control System Using Machine Learning in Production Process. -- Data-Driven Scheduling of Cellular Manufacturing Systems using Process Mining with Petri Nets. -- A Study on Sophisticated Production Management for Engineer-to-Order

Production: A Mixed Integer Programming Formulation for Production Scheduling. -- Three-Dimensional Bin Packing Problems with the Operating Time of a Robot Manipulator. -- AI Applications in the Healthcare Logistics and Supply Chain Sectors. -- Analysis of Critical Success Factors of a Sustainable and Resilient AIoE-Based Supply Chain in Industry 5.0. -- Trading Digital-Valued Assets within Cyber-Physical Manufacturing Supply Chains: A Scoping Review of Additive Manufacturing and Digital Trade. -- Basic research on worker state prediction towards the realization of human digital twin. -- Resilient supply chain network planning method with two-stage stochastic programming: Extension to multiple product supply chains. -- Study on developing a comprehensive inspection system that parallel improves the accuracy of manual and automatic inspections. -- Autonomous Vehicles: Technological Evolution and Obstacles to Implementation from a Brazilian Perspective. -- Analysis of People's Continental Behavior Regarding Cycling in Light of The Cyclability Index. -- Analytical and Computational Models for In-Store Shopper Journeys. -- Human-centred Manufacturing and Logistics Systems Design and Management for the Operator 5.0. -- A Meta-Heuristic Approach for Industry 5.0 Assembly Line Balancing and Scheduling with Human-Robot Collaboration. -- Game-based design of a human-machine collaboration monitoring system. -- Assessing Trustworthy Artificial Intelligence of Voice-enabled Intelligent Assistants for the Operator 5.0. -- A Bibliometric Perspective of Integrating Labor Flexibility in Workload Control. -- Integrating Ontology with Cobot Execution for Human-robot Collaborative Assembly using Heterogenous Cobots. -- A Study on Production Scheduling Methods for Ready-Made Meal Industries. -- Experimentation and evaluation of the usability of an AR-driven zero defect manufacturing solution in a real life complex assembly setting. -- Enriching scene-graph generation with prior knowledge from work instruction. -- Designing augmented reality assistance systems for Operator 5.0 solutions in assembly. -- Inclusive Work Systems Design: Applying Technology to Accommodate Individual Workers' Needs. -- An examination of the limited adoption of personalized work instructions in assembly to accommodate individual worker's needs. -- Skills and information needed for Operator 5.0 in emergency production. -- Augmenting the One-Work-Multiple-Machine (OWMM) System: An Industrial Softbot Approach. -- Quantitative Models for Workforce Management in a Large Service Operation. -- Evolving Workforce Skills and Competencies for Industry 5.0. -- A State-of-the-Art Review and Framework for Human-Centric Automation in Industry 5.0. -- Impact of Collaborative Robots on Human Trust, Anxiety, and Workload: Experiment Findings. -- Integrating Industry 5.0 competencies: a learning factory based framework. -- Strategies for managing the ageing workforce in manufacturing: a survey-based analysis. -- Contemporary and Future Manufacturing – Unveiling the Skills Palette for Thriving in Industry 5.0. -- Exploring the cognitive workload assessment according to human-centric principles in Industry 5.0. -- Experiential Learning in Engineering Education. -- Understanding the Drivers of Lean Learning in Industrial Environments. -- Designing an Online Workshop for Creativity and Value Co-Creation: Three Case Studies in Gastronomic Sciences on Viewpoint Setting and Sustainability.

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