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Titolo	New Perspectives on Applied Industrial Tools and Techniques // edited by Jorge Luis García-Alcaraz, Giner Alor-Hernández, Aidé Aracely Maldonado-Macías, Cuauhtémoc Sánchez-Ramírez
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Descrizione fisica	1 online resource (XXXII, 516 p. 124 illus., 73 illus. in color.)
Collana	Management and Industrial Engineering, , 2365-0540
Disciplina	658.5
Soggetti	Industrial management Business logistics Security systems Computer simulation Industrial Management Supply Chain Management Security Science and Technology Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	SEM: A Global Technique - Case Applied to TPM -- Green Production Attributes and Its Impact in Company's Sustainability -- Collaborative Multiobjective Model for Urban Goods Distribution Optimization -- Multiagent System Modeling for The Coordination of Processes of Distribution of Goods Using a Memetical Algorithm -- Operational Risk Prioritization in Supply Chain with 3PL Using Fuzzy QFD -- AnAlternative to Multi-Response Optimization Using a Bayesian Approach -- A Methodology for Optimizing the Parameters in a Process of Machining a Workpiece using Multi-Objective Particle Swarm Optimization -- Lean Manufacturing: A Strategy for Waste Reduction -- Collaborative New Product Development and the Supplier/Client Relationship: Cases from the Furniture Industry -- Realization and Demand for Training in the Planning Processes of Change: Empirical

Evidences in the Wine Industry in Rioja, Spain -- Generation of User Interfaces for Mobile Applications Using Neuronal Networks -- Association Analysis of Medical Opinions about the Non-realization of Autopsies in a Mexican Hospital -- Interdependent Projects Selection with Preference Incorporation -- MED-IS-IN, An Intelligent Web App for Recognizing Non-Prescription Drugs -- A Brief Review of IoT Platforms and Applications in Industry -- A Theoretical Framework About the Impact of Human Factors on Manufacturing Process Performance -- Effects of Organizational Culture and Teamwork on Manufacturing Systems' Performance -- Methodology to Determine Product Dimensions Based on User Anthropometric Data -- Manual Lifting Standards: Ergonomic Assessment and Proposals for Redesign for Industrial Applications -- Relationship Between Social Support and Burnout Dimensions in Middle and Senior Managers of the Manufacturing Industry in Ciudad Juárez -- Stressing the Stress or the Complexity of the Human Factor: Psychobiological Consequences of Distress -- A Systemic Conceptual Model to Assess the Sustainability of Industrial Ecosystems -- An Evolutive Tabu-Search Metaheuristic Approach for the Capacitated Vehicle Routing Problem -- Production Planning for a Company in the Industry of Compact Discs Mass Replications.

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### Sommario/riassunto

This book disseminates the current trends among innovative and high-quality research regarding the implementation of conceptual frameworks, strategies, techniques, methodologies, informatics platforms and models for developing advanced industrial tools and techniques and their application in different fields. It presents a collection of theoretical, real-world and original research works in the field of applied industrial tools and techniques. The text goes beyond the state-of-the-art in the field of industrial and software engineering, listing successful applications and use cases of studies of new approaches, applications, methods, techniques for developing advanced industrial tools, methodologies and techniques and their application in different fields. The topics covered in this book are of interest to academics, researchers, students, stakeholders and consultants.

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