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Nota di contenuto	Selecting Distribution Centers in Disaster Management by Network Analysis and Composition of Probabilistic Preferences (Gavião et al.) -- Development of Indicators for Monitoring the Regulatory Compliance of Static Equipment in Industrial Plants: An Empirical Study in the Oil and Gas Sector(Caiado et al.) -- Navy Worship Selection and Multicriteria Analysis: The THOR Method Supporting Decision Making (Tenório et al.) -- Pricing Scenarios of Sustainable Product-Service Syste: A Post-harvest by Brazilian Farmers View (Lermen et al.) -- Supplier in the Supply Chain: A Bibliometric Analysis (Krainer et al.) -- Life Cycle Assessment (LCA) Photovoltaic Solar Energy: A Bibliometric Literature Review (Teixeira) -- Analysing Plastic Cups Use: A Psychological Approach (D' Agostin et al.) -- Barriers to the Diffusion of Renewable Energies: Literature Review (Zamparetti et al.) -- Organizational Performances of Distributed Generation in Brazil Electric Utilities: A Balanced Scorecard Perspective (B. Rosa et al.) -- EPQ Model with Partial Backordering Considering Environmental Aspects and Stochastic Demand (Silva et al.) -- Sustainability in Logistics Systems and its Impact on the Level of Service Definition: An Exploratory Analysis using Structural Equation Modeling (Martins et al.) -- Supply Chain Management Practices in Small Enterprises: A Practical Implementation Guidance (Matos et al.) -- Information and Data Quality States Model to

Support Process-aware Information Systems (Junior et al.) -- Identifying Patient Demand New Patterns in Emergency Departments a Multiple Case Study: A Forecasting Approach (Assad et al.) -- Visual Management in Healthcare: A Systematic Literature Review of Main Practices and Applications (Zani et al.) -- Systematic Review on the Use of Eggshell: Reflections about Circular Economy (Bonato et al.) -- The Importance of Measurement Uncertainty Analysis on Statistical Quality Control (Couto et al.) -- Evaluation Model for Sustainable Supply Chain Management in the Food Industry (Trojan et al.) -- Logistics Regression Model for Predicting Cost Performance According to Benefits Management Effort in New Product Development Projects (da Silva et al.) -- Extraction of Soluble Solids of Soursop (*Annona Muricata*) and Marolo (*Annona Crassiflora Mart.*) Seeds Using Different Solvents and Processes (Menezes et al.) -- Framework Proposal to Organize Sustainability Strategies Towards a Transition to the Circular Economy (Bacovis et al.) -- Application of Data Reconciliation in a Water Balance as a Tool for Reducing Water Use at a Public University in Brazil (Costa et al.) -- Disaster Response Assessment: The Case of the Civil Defense of the State of Rio de Janeiro, Brazil (Pereira et al.) -- Lean Demand Management: Application in a National Health Department (Souza et al.) -- Simultaneous Data Reconciliation and Parameter Estimation Applied to a Heat Exchange Process (Kalid et al.) -- Analysis of Greenhouse Gases and Atmospheric Pollutants Emissions By Helicopters in the Oil and Gas Industry (Mendes et al.) -- Study of the Use of Data Mining in Modeling Non-Standard Processing in a Higher Education Institution (Maia et al.) -- Process Mining Classification with a Weightless Neural Network (Barbastefano et al.) -- Quantitative Approaches for Identification of Indicators and their Relationships in Performance Measurement Systems: A Literature Review (da Silva Ramos et al.) -- Use of DMAIC and Lean Six Sigma to Reduce Body Defects in an Automotive Factory (de Siqueira) -- PROMETHEE-SAPEVO-M1 a Hybrid Modeling Proposal: Multicriteria Evaluation of Drones for Use in Naval Warfare (Moreira et al.) -- Application of Statistical Process Control in Painting Office Supplies (da Silva Fernandes et al.) -- The Influence of Economic Context on the Relationship Between Manufacturing Strategy, Practices and Performance (Gambi et al.) -- A System Thinking Approach for Social and Environmental Risk in Supply Chains (de Oliveira et al.) -- A Comparative Study of the Influence of Organizational Culture on Performance (Gambi et al.) -- Work Ability Index (WAI) and Quality of Life at Work (QLW) in the Context of Occupational Accidents: A Survey with Construction Workers (Galati et al.) -- Purchase System for People with Reduced Mobility: Promoting Equity Idealized by Society 5.0 (Garcez et al.) -- Application of the Proknow-C Methodology in the Search for Literature about Energy Management Audit based on International Standards (Vieira et al.) -- Stakeholders Assessment for Risk Management into the Wind Power Supply Chain (Troche-Escobar et al.) -- Working in the 4.0 Era: An Ontology for Competence Management in the Fourth Industrial Revolution (Francisco et al.) -- Autonomous Inventory and Capacity Management in an Omnichannel Retailing Scenario: A Review (Linhares et al.) -- Measuring the Effectiveness of a Scrum Training Session using Psychological States of Flow (Nagai et al.) -- Pedestrian Evacuation Plan on Fire Situations at a University (Enami et al.) -- Economic Production Quantity Model Considering Items with Distinct Levels of Imperfection (Miranda et al.) -- Food Security: Location of Assistance Entities in Poverty Zones (Assumpção et al.) -- Emotions and the Purchase Decision Processes of Green Products: An Exploratory Study with Consumption Emotions Set Scale (CES) (Kolling et al.) -- Prioritization

of Critical Factors for the Improvement in the Visual Daily Shop Floor Management in Manufacturing using AHP – A Case Study Pereira et al.) -- Economic Production Quantity for Products with Deterioration and Shortage Under Advanced-Cash-Credit Payment Scheme (Londe et al.) -- Sustainable by Accident: An Analysis of the Development of the Brazilian Electricity Sector (Botelho et al.) -- Success Critical Factors on the Civil Construction Projects Management, Utilizing Artificial Neural Networks (Erpen et al.) -- Production Planning and Control in Industry 4.0: Maintenance of Breakdown of the Principles and Fundamentals (Pissardini et al.) -- Lean Office in the Monitoring of Public Building Works (Dal’Bosco et al.).

Sommario/riassunto

This volume gathers selected peer-reviewed papers presented at the XXVI International Joint Conference on Industrial Engineering and Operations Management (IJCIEOM), held on July 8-11, 2020 in Rio de Janeiro, Brazil. The respective chapters address a range of timely topics in industrial engineering, including operations and process management, global operations, managerial economics, data science and stochastic optimization, logistics and supply chain management, quality management, product development, strategy and organizational engineering, knowledge and information management, work and human factors, sustainability, production engineering education, healthcare operations management, disaster management, and more. These topics broadly involve fields like operations, manufacturing, industrial and production engineering, and management. Given its scope, the book offers a valuable resource for those engaged in optimization research, operations research, and practitioners alike.
