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Nota di contenuto	Introduction -- Review of Automatic Passenger Counting Systems in Public Urban Transport -- Technology transfer and foreign direct investment in the light of innovation management on the example of Poland -- Material Efficiency and 3R Objectives for Sustainable Industry Applications -- Parametric evaluation and cost analysis in an e-axle assembly layout -- Design of simulation workplace for quality evaluation using LEAN principles and vision system -- Employee Training Programs for Small and Medium-sized Manufacturing Enterprises -- Modeling and Management of the Technical and Technological Potential for the Agriculture Sector -- Customization of BIM educational process during the Covid-19 crisis at Department of Technology, Economics and Management in Construction at Faculty of

Civil Engineering in Košice -- Impact of Covid-19 on the Use of Innovative Technologies in the Construction Project Management -- UAV Forensics: DJI Mavic Air Non-Invasive Data Extraction and Analysis -- Possibilities of Using Data Envelope Analysis for Quality Management of Public Services at the Local Level -- Methodology proposal for proactive detection of network anomalies in e-learning system during the COVID-19 scenario -- The Effect of non-Wi-Fi Interference on the Throughput of IEEE 802.11 based Wireless Networks -- Assistive technologies in function of visual impaired person mobility increases in smart shopping environment -- Small parts recognition by convolutional neural networks with implementation to virtual reality devices for assisted assembly tasks -- Dynamic measurement of the surface after process of turning with application of laser displacement sensors -- Design and evaluation of production of a robotic angle arm for collaborative robot using the WorNC CAM application -- Use Cases for C-ITS Testing of Autonomous Vehicles -- Development of optical networking for 5G smart infrastructures -- Enhancing the Aircraft maintenance management process for increasing safety -- Architecture of IoT system for smart monitoring and management of traffic noise -- The Benefits of Open Data in Urban Traffic Network -- Purchase planning of goods for large retail chains, taking into account sale marketing campaigns -- Methods of increasing warehouse capacity in an enterprise -- The use of telematics systems in transport and forwarding management -- Mobile Picking Robots -- User Perception about Different Video Conference Quality Degradations -- Dynamic Load of Teeth of Cylindrical Worm Gear -- Analysis of available information and communication solutions and services for railway passenger information in the EU -- Information security risk assessment for providers of services in a virtual environment -- Technological Assurance of Bracket-type Parts Manufacturing -- Analysis of the Transport Market During the Covid-19 Pandemic Based on Freight Exchange -- Analysis of the Possibilities of Increasing the Efficiency of a Manufacturing Company through the Application of an Innovative Marketing Strategy Comparison of Utilization Level of Knowledge-based and BIM Technology by Contractors in Management of Construction Projects -- Implementation of biological samples monitoring used UHF RFID technology -- Project Safety Management Systems of Students with 3D Game Development -- Intangibles in Manufacturing Industry -- A Systematic Analysis of an Industrial Pick-Up & Placement Production System -- Conclusion.

Sommario/riassunto

The book presents the proceedings of the 5th EAI International Conference on Management of Manufacturing Systems (MMS 2020), which took place online on October 27-29, 2020. The conference covers the management of manufacturing systems with support for Industry 4.0, logistics and intelligent manufacturing systems and applications, cooperation management, and its effective applications. Topics include RFID applications, economic impacts in logistics, ICT support for Industry 4.0, industrial and smart Logistics, intelligent manufacturing systems and applications, and much more. The topic is of interest to researchers, practitioners, students, and academics in manufacturing and communications engineering. Presents the proceedings of the 5th EAI International Conference on Management of Manufacturing Systems (MMS 2020); Covers topics such as Industry 4.0, smart logistics, smart cities, and intelligent manufacturing; Relevant for researchers, academics, and professionals.
