1. Record Nr.   UNINA9911011815203321

Autore   Iano Yuzo

Titolo   Proceedings of the 10th Brazilian Technology Symposium (BTSym'24) : Emerging Trends and Challenges in Technology / / edited by Yuzo Iano, Osamu Saotome, Rangel Arthur, Marco Antonio Quispe-Barra, Marcelo Zambrano Vizuete, Kanubhai K. Patel, Gabriel Gomes de Oliveira

Pubbl/distr/stampa   Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025

ISBN   9783031926518

Edizione   [1st ed. 2025.]

Descrizione fisica   1 online resource (768 pages)

Collana   Smart Innovation, Systems and Technologies, , 2190-3026 ; ; 443

Altri autori (Persone)   SaotomeOsamu
ArthurRangel
Quispe-BarraMarco Antonio
VizueteMarcelo Zambrano
PatelKanubhai K
Gomes de OliveiraGabriel

Disciplina   670

Soggetti   Industrial engineering
Production engineering
Engineering mathematics
Engineering - Data processing
Industrial and Production Engineering
Mathematical and Computational Engineering Applications

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Nota di contenuto   -- Evaluation of Transmission Parameters of a LoRaWAN Network in the Presence of Electromagnetic Interference in the 900 MHz. -- Mitigating MQTT Vulnerabilities in IoT with Open-Source IDS/IPS: A Practical Approach. -- Reference Modeling Enabled by Generative Adver-sarial Networks to Reinforce Educational Strategies in a Conventional Environment. -- Productivity Evaluation with Six Sigma in the construction of traditional Putucos type houses, etc.

Sommario/riassunto   This book presents the Proceedings of The 10th Brazilian Technology Symposium (BTSym'24). The book discusses current technological

issues on Systems Engineering, Mathematics and Physical Sciences, such as the Transmission Line, Protein-modified mortars, Electromagnetic Properties, Clock Domains, Chebyshev Polynomials, Satellite Control Systems, Hough Transform, Watershed Transform, Blood Smear Images, Toxoplasma Gondi, Operation System Developments, MIMO Systems, Geothermal Photovoltaic Energy Systems, Mineral Flotation Application, CMOS Techniques, Frameworks Developments, Physiological Parameters Applications, Brain Computer Interface, Artificial Neural Networks, Computational Vision, Security Applications, FPGA Applications, IoT, Residential Automation, Data Acquisition, Industry 4.0, Cyber-Physical Systems, Digital Image Processing, Patters Recognition, Machine Learning, Photocatalytic Process, Physical-chemical analysis, Smoothing Filters, Frequency Synthesizers, Voltage Controlled Ring Oscillator, Difference Amplifier, Photocatalysis, Photodegradation, current technological issues on Human, Smart and Sustainable Future of Cities, such as the Digital Transformation, Data Science, Hydrothermal Dispatch, Project Knowledge Transfer, Immunization Programs, Efficiency and Predictive Methods, PMBOK Applications, Logistics Process, IoT, Data Acquisition, Industry 4.0, Cyber-Physical Systems, Fingerspelling Recognition, Cognitive Ergonomics, Ecosystem services, Environmental, Ecosystem services valuation, Solid Waste and University Extension.