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Improving the Mobility of People with Physical Disabilities -- A Decision Support Visualization Tool for Infection Management based on BMPN and DMN -- Automatic Recording and Analysis of Somniloquy through the use of Mobile Devices to Support the Diagnosis of Psychological Pathologies -- Clinical assessment using an algorithm based on Fuzzy c-means clustering -- Kushkalla: a web-based platform to improve functional movement rehabilitation -- E-learning -- Competences as Services in the Autonomic Cycles of Learning Analytic Tasks for a Smart Classroom -- A Cloud-Based Architecture for Robotics Virtual Laboratories.-A Reference Framework for Empowering the Creation of Projects with Arduino in the Ecuadorian Universities -- Ontology Model for the Knowledge Management in the Agricultural Teaching at the UAE -- ICT in Agronomy -- The Current State and Effects of Agromatic: A Systematic Literature Review -- A Photogrammetry Software as a Tool for Precision Agriculture: A Case Study -- Search for optimum color space for the recognition of oranges in agricultural fields -- Predictive models for the detection of diseases in crops through supervised learning -- Selection of Agricultural Technology: A Multi-Attribute Approach. .

| Sommario/riassunto | This book constitutes the proceedings of the Third International Conference on Technologies and Innovation, CITI 2017, held in Guayaquil, Ecuador, in October 2017. The 24 papers presented in this volume were carefully reviewed and selected from 68 submissions. They were organized in topical sections named: cloud and mobile computing; knowledge based and expert systems; applications in healthcare and wellness; e-learning; and ICT in agronomy. . |