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Nota di contenuto	1. A Simplified Analytical Approach on the Dynamic Pressures in Cylindrical Vertical Tanks -- 2. Machine Learning Methods for Detecting Wiring Defects of Glass Substrates through Non-contact Line Scanning Data -- 3. Bioenergy and Bio-Based Products from the Brazilian Amazon: Social, Economic, and Environmental Aspects -- 4. Simulation and Business Process Management Notation in Support to Business Process Re-Engineering -- 5. Design, Simulation and Experimental Testing of a Tactile Sensor for Fruit Ripeness Detection -- 6. Adapting a Micro-Flip Teaching with e-learning Resources in Aerospace Engineering Mathematics during COVID-19 pandemic -- 7. Framework of Recommendation Systems for Educational Data Mining

(Edm) Methods: Cbr-Rs With Knn Implementation -- 8. An Accurate and Efficient Computation of Poles and Zeros of Transfer Functions for Large Scale Analog Circuits and Digital Filters.

Sommario/riassunto

This book contains a selection of revised and extended research articles written by prominent researchers participating in the 27th World Congress on Engineering and Computer Science (WCECS 2019) which was held in San Francisco, USA, on October 22–24, 2019. Topics covered include engineering mathematics, electrical engineering, communications systems, computer science, chemical engineering, systems engineering, manufacturing engineering, and industrial applications. With contributions carefully chosen to represent the most cutting-edge research presented during the conference, the book contains some of the state-of-the-art in engineering technologies and the physical sciences and their applications and serves as a useful reference for researchers and graduate students working in these fields.
