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| Disciplina              | 060   |
| Soggetti                | Engineering - Data processing<br>Engineering mathematics<br>Data Engineering<br>Mathematical and Computational Engineering Applications   |
| Lingua di pubblicazione | Inglese   |
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| Livello bibliografico   | Monografia  |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Construction and Operation Analysis of Logistics Sorting Simulation<br>Experimental Platform -- Analysis on Ventilation Design of the Negative Pressure Isolation Rooms in Wuhan Leishenshan Hospital --<br>Multi Object Infrared Image Segmentation Based on Multi-Level Feature Fusion -- Spear-man Correlation Data Analysis of Scale of Intelligent Logistics and Investment and Financing of Logistics Technology --<br>Neural Network Model for Laboratory Stand Control System Controller with Parallel Mechanisms -- Web Application State Management<br>Performance Optimization Methods -- Design and Implementation of Signal Acquisition System Based on FPGA and Gigabit Ethernet --<br>Design of a Dynamic Probability-based Automatic Test Paper Generation System -- The Extended Fredkin Gates with Reconfiguration in NCT Basis -- Applying Data Mining Techniques in People Analytics for Balancing Employees' Interests -- Object-Oriented Model of Fuzzy Knowledge Representation in Computer Training Systems --<br>Implementation of Optical Logic Gates Based on Color Filters --<br>Enhancing Readability in Custom Templates for Displaying Semantically Marked Information -- Metaheuristic Optimization Algorithms Usage in Recommendation System with User Psychological Portrait Generation --<br>Interest Point Detection at Digital Image Based on Averaging of |

## Function.

### Sommario/riassunto

This book contains high-quality refereed research papers presented at the 6th International Conference on Computer Science, Engineering, and Education Applications (ICCSEEA2023), which took place in Warsaw, Poland, on March 17–19, 2023, and was organized by the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", the National Aviation University, Lviv Polytechnic National University, the Polish Operational and Systems Society, Warsaw University of Technology, and the International Research Association of Modern Education and Computer Science. The book covers a variety of topics, including cutting-edge research in computer science, artificial intelligence, engineering techniques, smart logistics, and knowledge representation with educational applications. The book is an invaluable resource for academics, graduate students, engineers, management professionals, and undergraduate students who are interested in computer science and its applications in engineering and education.