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approach for Test Impact Analysis on the Integration Level in Java programs -- Procurement of the Future: Investing Today in the Technologies of Tomorrow -- Interpolated Solutions of Abel Integral Equations Using Barycentric Lagrange Double Interpolation -- Neural Network Models for Time Series Analysis and Estimation -- The Digital Survival Game to Enhance The Digital Quotient of Lower Secondary Students -- An Experimental Analysis of Benchmarking Tools for Smart Contract-Based Blockchain Application -- Detection of Structure Changes in Lightweight Concrete with Nanoparticles Using Computer Vision Methods in the Construction Industry -- Digital Twins in Agriculture as an Internet of Things paradigm: the Case of Azerbaijan -- Hybrid Network Anomaly Detection Based on Weighted Aggregation Using Endpoint Parameters -- Yet Another Parallelism within the "Hobby Time Training" -- IoT Infrared Imaging of Livestock Tissues using a One-Eyed Bandit Technique -- Theoretical Fundamentals of Criteria for Evaluation of Efficiency, Quality and Optimization of Complex Informatiology Systems -- A Review of Deep Learning Techniques of Chest X-Ray Analysis for Thoracic Disorders -- Preserving Filipino Native Dishes Using Android-based Application: A Heritage Cooking Tutorial -- Development of a Web-Based Graduate Tracer Information System with Data Analytics.

Sommario/riassunto	This book gathers selected high-quality research papers presented at the Eighth International Congress on Information and Communication Technology, held at Brunel University, London, on 20–23 February 2023. It discusses emerging topics pertaining to information and communication technology (ICT) for managerial applications, e-governance, e-agriculture, e-education and computing technologies, the Internet of Things (IoT) and e-mining. Written by respected experts and researchers working on ICT, the book offers a valuable asset for young researchers involved in advanced studies. The work is presented in four volumes.