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Nota di contenuto	1. Conception and simulation of photoconductive terahertz emitters for wireless communication -- 2. Acceleration of the Acoustic Channel Attack on the RSA Algorithm in GnuPG Software by Combination with Electromagnetic Leaks -- 3. Optimized Channel Estimation and Symbol Detection in OTFS-DM-IM Systems via Superimposed Scheme -- 4. Predictive and Proactive Aquarium Management Using Machine Learning: An Extension of the Smart AroTank -- 5. Optimization of high-speed vehicle positioning algorithm based on Doppler -- 6. Enhancing Local Governance: Usability Evaluation of the WeBarangay Web Application Using PACMAD Framework -- 7. DOA Estimation Based on Robust Generalized Chinese Remainder Theorem for Monostatic MIMO Radar -- 8. Leveraging Graph Neural Network for Attack Detection Systems in Heterogeneous Network Data.
Sommario/riassunto	This book presents an enhanced selection of papers from the 7th International Conference on Communication and Network Technology (ICCNT 2023). It highlights recent research and technological advances in embedded systems, communications, and signal processing, along

with emerging topics in these fields. Key areas covered include:
Embedded Systems & Electronics: SoC, MPSoC, NoC, reconfigurable computing, system design, and optimization. Advanced Communications: Circuits, optical fiber applications, RF and wireless communications. Image & Signal Processing: Video processing, compression, cryptology, watermarking, real-time systems. Sensors & Instrumentation: Data acquisition, biomedical signal processing, industrial sensors. Computer Engineering & Networks: Cloud computing, cybersecurity, internet technology, and computing networks. The book serves as a resource for researchers and professionals in these cutting-edge technological domains.
