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| Nota di contenuto | Part 1: Communications, Control and Signal Processing -- Chapter 1. Cost Effective Device for Autonomous Monitoring of the Vitals for COVID-19 Asymptomatic Patients in Home Isolation Treatment -- Chapter 2. Predictive Modeling and Control of Clamp Load Loss in Bolted Joints Based on Fractional Calculus -- Chapter 3. Resource Allocation for 5G RAN - A Survey -- Chapter 4. Wearable PIFA for Off-Body Communication: Miniaturization Design and Human Exposure Assessment -- Chapter 5. Generalized symbolic dynamics approach for characterization of time series -- Chapter 6. Smart Mirror Based Personal Healthcare System -- Chapter 7. On-off Thinning in Linear Antenna Arrays using Binary Dragonfly Algorithm -- Chapter 8. Reduction in Average Distance Cost by optimizing position of ONUs in FiWi access network using Grey Wolf optimization algorithm -- Chapter 9. Performance Analysis of individual Partial Relay selection protocol using Decode and Forward Method for Underlay EH-CRN -- Chapter 10. |

Buildinga cloud integrated WOBAN with optimal coverage and deployment cost -- Chapter 11. VR Classroom for Interactive and Immersive Learning with Assessment of Students Comprehension -- Chapter 12. Localization of Self-Driving Car Using Particle Filter -- Chapter 13. Convex Combination of Maximum Versoria Criterion based Adaptive Filtering Algorithm for Impulsive Environment -- Chapter 14. Verifying Mixed Signal ASIC-KLEEL2020 using SVM -- Chapter 15. Design of high speed turbo product code decode.

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| Sommario/riassunto | This book constitutes the thoroughly refereed post-conference proceedings of the 4th International Conference on Computing and Network Communications (CoCoNet'20), October 14–17, 2020, Chennai, India. The papers presented were carefully reviewed and selected from several initial submissions. The papers are organized in topical sections on Signal, Image and Speech Processing, Wireless and Mobile Communication, Internet of Things, Cloud and Edge Computing, Distributed Systems, Machine Intelligence, Data Analytics, Cybersecurity, Artificial Intelligence and Cognitive Computing and Circuits and Systems. The book is directed to the researchers and scientists engaged in various fields of computing and network communication domains. |