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   Descrizione fisica   1 online resource (1175 pages)

   Collana   Cognitive science and technology

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   Soggetti   Communication and technology
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                          Telecommunication

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   Livello bibliografico Monografia

   Nota di bibliografia   Includes bibliographical references.

   Nota di contenuto   A Methodology for selecting smart contract in blockchain based applications -- Deep Learning Neural Networks for detection of Onset Leukemia from Microscopic images -- Design of 4x4 Butler Matrix for 5G High Band of 26GHz -- Pedestrian and Vehicle Detection for Visually Impaired People -- Measuring effectiveness of CSR activities to reinforce brand equity by using graph-based analytics -- Design and Implementation of Built in Self-Test (BISTt) Master Slave Communication Using I2C Protocol -- Implementation of Finite Element Method in OPERA Software for Design and Analysis of High Voltage Busbar Supports -- InterCloud: Utility-Oriented Federation of Cloud Computing Environments through Different Application Services -- Cross-Cultural Translation Studies in the Context of Artificial Intelligence: Challenges and Strategies -- Design of Low Power OTA for Bio-Medical Applications.

   Sommario/riassunto   This book includes selected peer reviewed articles from The 5th International Conference on Communications and Cyber-Physical Engineering (ICCCE 2022), held on 29th and 30th April 2022 in Hyderabad, India. Articles presented here relate to next generation

cognitive systems, neuroscience, cyber physical systems and their impact on communication technologies. The book includes content related to cognitive disorders, computational intelligence, fuzzy logics, evolutionary computing that are important for deriving a roadmap for future research on cognitive science/systems and communications. ICCCE is one of the most prestigious conferences conceptualized in the transdisciplinary field of cognitive science and communication technology areas like methods of linguistics, computer science, philosophy, and neuroscience. This edition of the conference was attended by several Industry professionals and academicians, and Government agencies to cover a broad range of perspectives, practices, and technical expertise related to cognitive technologies and next generation communications. Articles presented cover innovations from industry, outcome of implementations and cutting-edge research outcomes from cognitive science/technology areas and their impact on communication technology and cyber physical engineering.