1. Record Nr. UNINA9910627235803321 Advances in communication, devices and networking: proceedings of Titolo ICCDN 2021 / / edited by Sourav Dhar [and three others] Pubbl/distr/stampa Singapore:,: Springer,, [2023] ©2023 981-19-2004-4 **ISBN** Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (XIV, 649 p. 379 illus., 287 illus. in color.) Collana Lecture Notes in Electrical Engineering, , 1876-1119; ; 902 Disciplina 004.22 Computer organization Soggetti Data mining Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Novel Area Effective Designs for Full-Adder & Full-Subtractor using Nota di contenuto QCA -- Study of All-Optical Directional Coupler Based on Holes in Slab Photonic Crystal Structure -- All-Optical Feynman Gate using Frequency Encoding Scheme, Add/drop Multiplexer and Reflective Semiconductor Optical Amplifier with Simulative Verification -- Effects of Dimensional Variations on Short Channel Parameters in 14 nm Channel Length TG-SOI FinFETs -- Dibit-Based 4-bit Parity Generator using Reflective Semiconductor Optical Amplifier and Frequency Encoding Scheme -- Design and Implementation of an Efficient QCA based Multilayer Multi-Bit Parallel Shift Register Using Reversible Level-Sensitive 'D' flip-flop -- A 12-bit Low Power 50MS/s SAR ADC Optimized for Speed and Power in 45nm CMOS Technology -- Decision Tree-based Classification of sEMG and Accelerometer Data of Sign Language -- Bibliometric Analysis of Published Literature on Mobile Healthcare in the Past One Decade -- Shetkari Mitra App, An Application to Maximize the Profit of Farmers. This book covers recent trends in the field of devices, wireless Sommario/riassunto communication and networking. It gathers selected papers presented at the 5th International Conference on Communication, Devices and Networking (ICCDN 2021), which was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of

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