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| Soggetti | Electronic circuits Electrical engineering Computer organization Circuits and Systems Communications Engineering, Networks Computer Systems Organization and Communication Networks |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Indoor Radio Design – LTE Perspective -- VLC technology for indoor LTE planning -- Voice over LTE (VoLTE) – Service Implementation & Cell Planning Perspective -- 60 GHz Millimeter-Wave WLANs & WPANs: Introduction, System Design, and PHY Layer Challenges -- Modeling the Operation of CMOS Primitive Circuits and MOSFET Devices -- From Hardware Security Tokens to Trusted Computing and Trusted Systems -- Using Codebender and Arduino in Science and Education -- The Internet of Things: How WSNs Fit Into the Picture -- Shape Analysis In Radiotherapy Tumor Surgical Planning Using Segmentation Techniques. |
| Sommario/riassunto | This book provides a comprehensive overview of modern networks design, from specifications and modeling to implementations and test procedures, including the design and implementation of modern |

networks on chip, in both wireless and mobile applications. Topical coverage includes algorithms and methodologies, telecommunications, hardware (including networks on chip), security and privacy, wireless and mobile networks and a variety of modern applications, such as VoLTE and the internet of things. · Provides a comprehensive summary of modern networks design, from specifications to implementations; · Explains details of different network technologies for telecommunications, including wireless and mobile protocols; · Discusses issues of security and privacy as they relate to wireless and mobile networks; · Includes coverage of architectures, design, implementation platforms, and optimizations for networks on chip.
