

1. Record Nr.	UNINA9910299478503321
Titolo	System-Level Design Methodologies for Telecommunication // edited by Nicolas Sklavos, Michael Hübner, Diana Goehringer, Paris Kitsos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-00663-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (180 p.)
Disciplina	004.6 620 621.3815 621.382
Soggetti	Electronic circuits Electrical engineering Computer organization Circuits and Systems Communications Engineering, Networks Computer Systems Organization and Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes 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.

---