

1. Record Nr.	UNISALENT0991003163609707536
Autore	De Falco, Piero
Titolo	Semigruppi analitici di operatori. Tesi di laurea / laureando Piero De Falco ; relat. Diego Pallara
Pubbl/distr/stampa	Lecce : Università degli Studi. Facoltà di Scienze. Corso di laurea in Matematica, a.a. 2002-03
Descrizione fisica	69 p. ; 30 cm
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Altri autori (Persone)	Pallara, Diego
Disciplina	515.7
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Lingua di pubblicazione	Italiano
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2. Record Nr.	UNINA9910739411503321
Autore	Meinel Christoph
Titolo	Internetworking : technological foundations and applications / / Christoph Meinel, Harald Sack
Pubbl/distr/stampa	Heidelberg, Germany : , : Springer, , 2013
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Descrizione fisica	1 online resource (xiii, 903 pages) : illustrations (some color)
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Disciplina	004.6 384
Soggetti	Internetworking (Telecommunication)
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Note generali	"ISSN: 1612-1449." Translation from the German language edition: Internetworking. Technische Grundlagen und Anwendungen.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Prologue -- The Foundation of the Internet : TCP/IP Reference Model -- Physical Layer -- Network Access Layer (1): Wired LAN Technologies -- Network Access Layer (2): Wireless Mobile LAN Technologies -- Network Access Layer (3): WAN Technologies -- Internet Layer -- Transport Layer -- Application Layer and Internet Applications -- Epilogue -- List of Persons -- Abbreviations and Acronyms -- Bibliography -- Index. .
Sommario/riassunto	This book is supposed to serve as a comprehensive and instructive guide through the new world of digital communication. On the physical layer optical and electrical cabling technology are described as well as wireless communication technologies. On the data link layer local area networks (LANs) are introduced together with the most popular LAN technologies such as Ethernet, Token Ring, FDDI, and ATM as well as wireless LAN technologies including IEEE 802.x, Bluetooth, or ZigBee. A wide range of WAN technologies are covered including contemporary high speed technologies like PDH and SDH up to high speed wireless WANs (WiMAX) and 4th generation wireless telephone networks LTE. Routing technologies conclude the treatment of the data link layer. Next, there is the Internet layer with the Internet protocol IP that establishes a virtual uniform network out of the net of heterogeneous networks. In detail, both versions, IPv4 as well as the successor IPv6 are

covered in detail as well as ICMP, NDP, and Mobile IP. In the subsequent transport layer protocol functions are provided to offer a connection-oriented and reliable transport service on the basis of the simple and unreliable IP. The basic protocols TCP and UDP are introduced as well as NAT, the network address translation. Beside transport layer security protocols like SSL and TLS are presented. On the upmost application layer popular Internet application protocols are described like DNS, SMTP, PGP, (S)FTP, NFS, SSH, DHCP, SNMP, RTP, RTCP, RTSP, and World Wide Web.

3. Record Nr.

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Autore

Pinto Tiago

Titolo

Multi-Agent Energy Systems Simulation

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Descrizione fisica

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Soggetti

History of engineering and technology

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Sommario/riassunto

The synergy between artificial intelligence and power and energy systems is providing promising solutions to deal with the increasing complexity of the energy sector. Multi-agent systems, in particular, are widely used to simulate complex problems in the power and energy domain as they enable modeling dynamic environments and studying the interactions between the involved players. Multi-agent systems are suitable for dealing not only with problems related to the upper levels of the system, such as the transmission grid and wholesale electricity markets, but also to address challenges associated with the management of distributed generation, renewables, large-scale integration of electric vehicles, and consumption flexibility. Agent-based approaches are also being increasingly used for control and to

combine simulation and emulation by enabling modeling of the details of buildings' electrical devices, microgrids, and smart grid components. This book discusses and highlights the latest advances and trends in multi-agent energy systems simulation. The addressed application topics include the design, modeling, and simulation of electricity markets operation, the management and scheduling of energy resources, the definition of dynamic energy tariffs for consumption and electrical vehicles charging, the large-scale integration of variable renewable energy sources, and mitigation of the associated power network issues.
