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Descrizione fisica	1 online resource (406 p.)
Collana	X.media.publishing, , 1612-1449
Disciplina	621.382
Soggetti	Computer organization Application software Data structures (Computer science) Multimedia systems Computers Coding theory Information theory Computer Systems Organization and Communication Networks Information Systems Applications (incl. Internet) Data Structures and Information Theory Multimedia Information Systems History of Computing Coding and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Prologue -- Historical Overview -- Communication Fundamentals in Computer Networks -- Multimedia Data and Its Encoding -- Digital Security -- Epilogue -- List of Persons -- Abbreviations and Acronyms -- Image References -- Bibliography -- Index.
Sommario/riassunto	The authors give a detailed summary about the fundamentals and the historical background of digital communication. This includes an overview of the encoding principles and algorithms of textual information, audio information, as well as images, graphics, and video in the Internet. Furthermore the fundamentals of computer networking,

digital security, and cryptography are covered. Thus, the book provides a well-founded access to communication technology of computer networks, the internet, and the WWW. Numerous pictures and images, a subject-index and a detailed list of historical personalities including a glossary for each chapter increase the practical benefit of this book that is well suited as well as for undergraduate students as for working practitioners.
