1. Record Nr. UNINA9911018959603321 Autore Ahamed Syed V. <1938-> **Titolo** Intelligent Internet knowledge networks: processing of concepts and wisdom / / Syed V. Ahamed Hoboken, N.J., : Wiley-Interscience, c2007 Pubbl/distr/stampa **ISBN** 9786610721443 9781280721441 1280721448 9780470055991 0470055995 9780470055984 0470055987 Descrizione fisica 1 online resource (549 p.) 004.6 Disciplina 004.678 Soggetti Internet Computer networks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and indexes. Nota di bibliografia Nota di contenuto Intelligent Internet Knowledge Networks: Processing of Concepts and Wisdom; Contents; Foreword; Preface; Introduction; PART I Network Environments: Chapter 1 Processing of Knowledge: 1.1 Introduction: 1.2 The Basis of New Machines: 1.3 Classical Computing Environments: 1.4 Newer Computing Environments; 1.4.1 Telecommunications Applications; 1.4.2 Medical Applications; 1.4.3 Other Computer-Intensive Systems; 1.5 Object-Oriented Systems; 1.6 Special Purpose Computer Systems; 1.7 Conclusions; References; Chapter 2 Network Perspective; 2.1 Evolving Network Architectures 2.2 Networks for Communication 2.2.1 Copper in Networks; 2.2.2 Microwaves in Networks; 2.2.3 Fiber Optics in Networks; 2.3 Transmission in Optical Network; 2.4 The SONET Standard; 2.5 SONET

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Sommario/riassunto

Introducing the basic concepts in total program control of the intelligent agents and machines, Intelligent Internet Knowledge Networks explores the design and architecture of information systems that include and emphasize the interactive role of modern computer/communication systems and human beings. Here, you'll discover specific network configurations that sense environments, presented through case studies of IT platforms, electrical governments, medical networks, and educational networks.