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Nota di contenuto	INTRODUCTION TO MULTIMEDIA COMMUNICATIONS; CONTENTS; Preface; Acknowledgments; Acronyms; 1 Introduction; 2 Multimedia Communications; 2.1 Introduction; 2.2 Human Communication Model; 2.2.1 Physical System; 2.2.2 Symbol Encoding; 2.2.3 Feeling; 2.2.4 Memory; 2.2.5 Cognitive System; 2.2.6 Mission System; 2.3 Evolution and Convergence; 2.3.1 Convergence of Telecommunications and Computing; 2.3.2 Architectures for Networked Applications; 2.3.3 Networked Computers; 2.3.4 Integration; 2.3.5 Transportable Computation; 2.3.6 Intelligent Agents; 2.3.7 Convergence; 2.4 Technology Framework 2.4.1 Multimedia TechnologiesSONET (Synchronous Optical Network) and BISDN (Broadband Integrated Service Digital Network); Computer Networks; 2.4.2 Multimedia Networking; 2.4.3 Multimedia Conferencing; Centralized Conferencing Architectures; Decentralized

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 2.5.3 Convergence and Regulatory Issues 2.5.4 Manufacturing and  
 Marketing; 2.5.5 Digital Video/Audio Coding Standards and Multimedia  
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 Systems; Video Coding Standards; Speech Coding Standards;  
 Multimedia Multiplex and Synchronization Standards; MPEG Standards:  
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 Vision, Technology, and Strategy

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## Sommario/riassunto

A comprehensive resource on multimedia communications. Covers  
 recent trends and standardization activities in multimedia  
 communications, such as layered structures, underlying theories and  
 the current best design techniques. Describes the convergence of  
 various technologies including communications, broadcasting,  
 information technology, and home electronics, and emerging new  
 communication services and applications resulting from the growth of  
 the Internet and wireless technologies. Please go to [www-ee.uta.edu/dip](http://www-ee.uta.edu/dip) for additional information. An Instructor Support FTP site is  
 available fr

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