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| Altri autori (Persone)  | ShihTimothy K. <1961-><br>WangPaul P  |
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| Nota di contenuto       | Intelligent Virtual World: Technologies and Applications in Distributed Virtual Environment; Contents; Preface; Chapter 1: Metadata-Mediated Browsing and Retrieval in a Cultural Heritage Image Collection D.V. Sreenath, W.I. Grosky and F. Andres; Chapter 2: Shape Analysis and Retrieval of Multimedia Objects M.H. Safar; Chapter 3: Perceptual Consistency for Image Retrieval W.K. Leow; Chapter 4: Rendering with Inverse Concentric Mosaics L. Wang, S.B. Kang and H.-Y. Shum; Chapter 5: Multimedia Broadcasting Techniques: Present Approaches and New Trends B. Furht, R. Westwater and J. Ice<br>Chapter 6: On IP Traffic Monitoring D. Wei and N. AnsariChapter 7: Networked Multimedia Information Management for QoS-Sensitive Info-sphere W. Lee, R. Harinath, J. Srivastava, D. Su, J. Richardson and M. Foresti; Chapter 8: Network Architectures and Protocols for Multimedia Transmissions with QoS support M. Lee, J. Lim and K. Chae; Chapter 9: Mobile Agent-Based Adaptive Multimedia Communication K. Hashimoto, Y. Shibata and N. Shiratori; Chapter 10: A Component- |

based Software Architecture for Pervasive Computing N.M. Belaramani, Y. Chow, V.W.-M. Kwan, C.-L. Wang and F.C.M. Lau  
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Chapter 13: Distance Education Over the Japan Gigabit Network A. He, Z. Cheng, T. Huang, A. Koyama and J.A. DeHart;  
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Chapter 15: Distance Education and E-Learning in the Digital Age: Critical Considerations Y. S. Chee;  
Chapter 16: Intelligent Web-based E-Commerce System B. Limthanmaphon, Z. Zhang and Y. Zhang  
Chapter 17: Technologies for the Enhancement of Personalization in E-Commerce Applications K.P. Hewagamage, C. Jayawardana and M. Hirakawa  
Chapter 18: Contract Negotiation in E-marketplaces L. Esmahi and J. Ngwenya;  
Chapter 19: Future Research Directions for the Intelligent Virtual World T.K. Shih and W. Kim; Author Index

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### Sommario/riassunto

In recent years, we have witnessed an explosive growth in multimedia computing, communication and applications. This revolution is transforming the way people live, work and interact with each other, and is impacting the way business, government services, education, entertainment and health care operate. This important book summarizes recent research topics, focusing on four major areas: (1) intelligent content-based information retrieval and virtual world, (2) quality-of-services of multimedia data, (3) intelligent techniques for distance education, and (4) intelligent agents for e-commerce.

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