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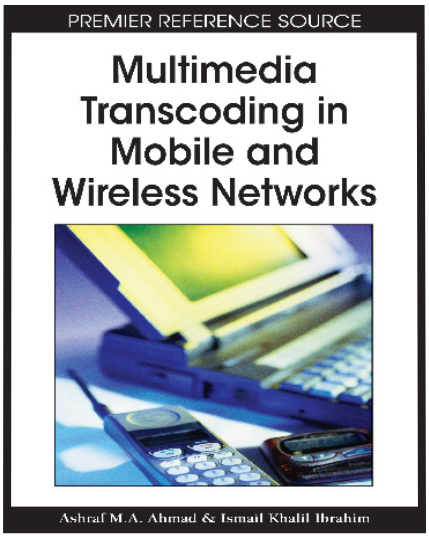
Multimedia Transcoding in Mobile and Wireless Networks



Edited by: Ashraf M.A. Ahmad, Princess Sumya University of Technology, Jordan; Ismail Khalil Ibrahim, Johannes Kepler University Linz, Austria

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"This book establishes the background for understanding those emerging applications and systems which deploy multimedia transcoding"
- Ashraf M.A. Ahmad, Princess Sumya University of Technology, Jordan

In recent years, the field of multimedia communication in wireless and mobile video has grown in attraction. As the number of networks, types of devices, and content representation formats increase, the need for multimedia transcoding in wireless and mobile networks intensifies in order to provide a seamless interaction between content creation and usage.

Multimedia Transcoding in Mobile and Wireless Networks addresses the transcoding of all multimedia elements including video, audio, and text, while addressing both practical and theoretical problems in the field. A must have resource for all stakeholders in mobile and wireless technologies, this book embodies state-of-the-art knowledge of transcoding as it is embedded in today's pioneering technologies and leading research.

Subject:
Multimedia Technology; Mobile/Wireless Computing; Networking/ Telecommunications; Web Technologies

Market:
This essential publication is for all academic research libraries, as well as those involved in the transcoding of multimedia, wireless technologies, the effects of the advancement of mobile technologies, and computer networking. Academics, researchers, practitioners, and students with related interests will also find this publication useful.

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Ashraf Ahmad obtained his PhD degree in computer science and engineering from National Chiao Tung University (NCTU) in Taiwan. He obtained his BSc degree from Princess Sumya University for Technology (PSUT) in Jordan. Dr. Ahmad is currently an assistant professor at the department of computer science in PSUT, Jordan. His interest area includes multimedia semantic features extraction, and analysis, multimedia retrieval, and multimedia communication. Prof. Ahmad has authored over 40 scientific publications including journal papers, conference papers and book chapters.

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