Streaming Media
Architectures, Techniques, and Applications: Recent Advances

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Streaming media is one of the most exciting and active research topics with continuing significant progress in the multimedia area, where streaming media has been experiencing dramatic growth and stepped into mainstream media communications.

Streaming Media Architectures, Techniques, and Applications: Recent Advances spans a number of inter-dependent and emerging topics in streaming media. Streaming media is inherently a cross-disciplinary subject that involves information theory, signal processing, communication and networking etc. Coding and transmission definitely lie in the core position in streaming media, and these research topics have been extremely active in recent years. This book is a comprehensive collection of topics including media coding, wireless/mobile video, P2P media streaming, and applications of streaming media.

Topics Covered:
- Content delivery network for streaming media
- Design and deployment of practical streaming media systems
- Digital right management for streaming media
- Fundamentals of streaming media
- Future trends and promising directions in streaming media
- Indexing, organization and retrieval for streaming media applications
- Knowledge discovery in streaming media
- Novel architectures and protocols for streaming media
- Peer-to-Peer architecture for streaming media
- Security issues in streaming media
- Streaming media server
- Wireless/mobile media streaming

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Ce Zhu received a B.S. degree from Sichuan University, China, M.Eng., and Ph.D. degrees from Southeast University, China, in 1989, 1992 and 1994, in electronic engineering. He is currently an Associate Professor at the School of Electrical & Electronic Engineering, Nanyang Technological University, Singapore. His research interests include image/video coding and communications, multimedia signal processing, and multimedia systems. He has authored or co-authored over 80 papers in journals and conferences. He holds two granted patents. Dr. Zhu has served on technical/program committees, organizing committees, and as track/session chairs for about 40 international conferences. He currently serves as an Associate Editor for IEEE Signal Processing Letters, Multidimensional Systems and Signal Processing (Springer) and as an Editorial Board Member of Multimedia Tools and Applications (Springer).
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Digital Technology
Houle Philip A. (Drake University, USA)

Chapter 2
DRM Protection Technologies
Hackbarth Gary (Northern Kentucky University, USA)

Section 2: Business Functions

Chapter 3
Pricing in the Digital Age
Miller Chip E. (Drake University, USA)

Chapter 4
Financing Digital Product Companies
Carter Richard B. (Iowa State University, USA)
Dark Frederick H. (Iowa State University, USA)

Chapter 5
Accounting for Digital Products
Karaibrahimglu Yasemin Zengin (Izmir University of Economics, Turkey)

Section 3: Issues and Strategies

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Kirk Delaney J. (University of South Florida, Sarasota-Manatee, USA)

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