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Multimedia Networking and Coding

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Multimedia Networking and Coding



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Advances in multimedia communication systems have enhanced the need for improved video coding standards. Due to the inherent nature of video content, large bandwidths and reliable communication links are required to ensure a satisfactory level of quality experience; inspiring industry and research communities to concentrate their efforts in this emerging research area.

Multimedia Networking and Coding covers widespread knowledge and research as well as innovative applications in multimedia communication systems. This book highlights recent techniques that can evolve into future multimedia communication systems, also showing experimental results from systems and applications.

Topics Covered:

- Distributed Video Coding
- Image Enhancement
- Multimedia Broadcasting
- Peer-to-Peer Video Streaming
- Energy Efficient Multimedia Systems
- Objective Video Quality Metrics

- Content-Based Multimedia Retrieval
- Video and Image Authentication
- Biomedical Image Processing
- Multimedia Human-Machine Interface and Interaction

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