The Essential Guide to Video Processing

Description: This comprehensive and state-of-the-art approach to video processing gives engineers and students a comprehensive introduction and includes full coverage of key applications: wireless video, video networks, video indexing and retrieval and use of video in speech processing. Containing all the essential methods in video processing alongside the latest standards, it is a complete resource for the professional engineer, researcher and graduate student.

- Numerous conceptual and numerical examples
- All the latest standards are thoroughly covered: MPEG-1, MPEG-2, MPEG-4, H.264 and AVC
- Coverage of the latest techniques in video security

"Like its sister volume "The Essential Guide to Image Processing," Professor Bovik's Essential Guide to Video Processing provides a timely and comprehensive survey, with contributions from leading researchers in the area. Highly recommended for everyone with an interest in this fascinating and fast-moving field." -Prof. Bernd Girod, Stanford University, USA

Edited by a leading person in the field who created the IEEE International Conference on Image Processing, with contributions from experts in their fields.

Numerous conceptual and numerical examples
All the latest standards are thoroughly covered: MPEG-1, MPEG-2, MPEG-4, H.264 and AVC.
Coverage of the latest techniques in video security

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