Applied Video Processing in Surveillance and Monitoring Systems

Part of the Advances in Multimedia and Interactive Technologies Book Series

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Description:

Video monitoring has become a vital aspect within the global society as it helps prevent crime, promote safety, and track daily activities such as traffic. As technology in the area continues to improve, it is necessary to evaluate how video is being processed to improve the quality of images.

Applied Video Processing in Surveillance and Monitoring Systems investigates emergent techniques in video and image processing by evaluating such topics as segmentation, noise elimination, encryption, and classification. Features real-time applications, empirical research, and vital frameworks within the field.

Readers:

This publication is a critical reference source for researchers, professionals, engineers, academicians, advanced-level students, and technology developers.

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Topics Covered:

- Automated Systems
- False Alarm Reduction
- Genetic Algorithms
- Image Segmentation
- Reconfigurable Architectures
- Remote Monitoring Systems
- Video Stenography

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