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""1 Introduction""""2 Spatioa€?Temporal Tracka€?Beforea€?Detect Algorithm""; ""3 Preprocessing of Measurement Space Using Maximal Autocovariance""; ""4 Example Results""; ""4.1 Example: Random Signal a€? Different Distributions""; ""4.2 Example: Periodic Pattern Inside Gaussian Noise""; ""4.3 Example: Filtered Random Signal""; ""5 Discussion and Conclusions""; ""References""; ""Which Color Space Should Be Chosen for Robust Color Image Retrieval Based on Mixture Modeling""; ""1 Introduction""; ""2 Analyzed Color Spaces""; ""3 Image Retrieval Scheme""; ""4 Experimental Results""
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""Adaptation of the Combined Image Similarity Index for Video Sequences""

Sommario/riassunto

This textbook collects a series of research papers in the area of Image Processing and Communications which not only introduce a summary of current technology but also give an outlook of potential feature problems in this area. The key objective of the book is to provide a collection of comprehensive references on some recent theoretical development as well as novel applications in image processing and communications. The book is divided into two parts. Part I deals with image processing. A comprehensive survey of different methods of image processing, computer vision is also presented. Part II deals with the telecommunications networks and computer networks. Applications in these areas are considered. In conclusion, the edited book comprises papers on diverse aspects of image processing and communications systems. There are theoretical aspects as well as application papers.