



## Imaging Vision Systems: Theory, Assessment Applications, Advances in Computation, Theory Practice -- Volume 9 (Hardback)

By Jacques Blanc-Talon, Dan C. Popescu

Nova Science Publishers Inc, United States, 2001. Hardback. Condition: New. UK ed.. Language: English . Brand New Book. Contents: Joint Edge-Preserving and Moire-Suppressing Image Resampling Using the Discrete Gabor Transform; scanned Multiresolution Imaging using Binary Hadamard Masks; The Application of Markov Random Field models to Wavelet-Based Image Denoising; Characteristic Interaction Structures in Gibbs Texture Modelling; Multifractal Multipermuted Multinomial Measure for Texture Characterisation and Segmentation; Performance Characterisation in Computer Vision: The role of Statistics in Testing and Design; Quantative Assessment of Image Filtering: Comparison of Objective Metrics; Progressive Image Coding for Improved Perceptual Quality and Recognition at Low Bit Rates; On the Masking Effects in a Perceptually Based Image Quality Metric; Advanced Computer Vision and Graphics Collaboration Techniques for Images-Based Rendering; Adaptive Dynamic Scene Analysis; Assessment of Image Processing Algorithms as the Keystone of Autonomous Robot Control Architectures; Parameter Optimisation for Visual Obstacle Detection Using a Derandomised Evolution Strategy; Obstacle Tracking in Registered Range and Reflectance Images Sequences using Multivalued Template Matching.



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