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Experimental Surface Electromyographic Data -- Linear Regression Model-Guided Clustering for Training RBF Networks for Regression Problems -- Fuzzy Decision Theory and Application -- An Iterative Algorithm for Fuzzy Quadratic Programming Problems -- A General Defuzzification Method for Fuzzy Total Cost in an Inventory Without Backorder Case -- Fuzzy Rough Sets and Multiple-Premise Gradual Decision Rules -- Soft Computing in Image Processing -- Fuzzy Spatial Relationships for Model-Based Pattern Recognition in Images and Spatial Reasoning Under Imprecision -- Classification of Digital Terrain Models Through Fuzzy Clustering: An Application -- Evolutionary Approach to Inverse Planning in Coplanar Radiotherapy -- Soft Pyramid Symmetry Transforms -- Image File Compression Using Approximation and Fuzzy Logic -- Fuzzy Information Fusion Scheme Used to Segment Brain Tumor from MR Images -- Out-of-Core Segmentation by Deformable Models -- Rough Set Approach for Classification of Breast Cancer Mammogram Images -- Genetic Fourier Descriptor for the Detection of Rotational Symmetry -- Fourier Transform Based Column-Block and Row-Block Matching Procedure for Document Image Mosaicing -- Object Recognition by Recursive Learning of Multiscale Trees -- An Integrated Fuzzy Cells-Classifier -- A Neural Network for Classification of Chambers Arrangement in Foraminifera -- Fuzzy Concepts in Vector Quantization Training -- Some Component Analysis Based on Fuzzy Relational Structure -- Fuzzy Technique Based Recognition of Handwritten Characters -- Optical Flow Estimation Using Genetic Algorithms -- Neural Network Ensemble and Support Vector Machine Classifiers: An Application to Remote Sensed Data -- Combining Neighbourhood-Based and Histogram Similarity Measures for the Design of Image Quality Measures -- An Automated Image Thresholding Scheme for Highly Contrast-Degraded Images Based on a-Order Fuzzy Entropy.