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Abstract

The proceedings contain 277 papers. The topics discussed include: image edge detection and contour extraction using FPGA; signal enhancement method based on CEEMDAN and adaptive window function selection for magnetic anomaly detection; joint feature disentanglement and graph-based label relation modeling for multi-label classification; cross attention mechanism based multi-modal deep learning method for space electromagnetic signal recognition; a study on bearing fault diagnosis using wavelet time-frequency features and convolutional neural networks; research on optimizing text classification models based on the integration of transformers and convolutional neural networks; panoramic video saliency prediction with spherical-aware two-stream modeling; aeromagnetic compensation using Fourier fusion convolution and iTransformer network; and research on aircraft target detection algorithm based on improved YOLOv9.

Detailed information

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