Simple, Flexible Method to Extract Digital Image Features

Enhanced vector classification, speed-up through, A mean-clustering, WPT, composite image

38, 5, 1549-1554 https://doi.org/10.18280/ts.380527


Enhanced correlation analysis, knee parameter, segmented, spatially developing, autoregression estimator

38, 5, 1515-1520 https://doi.org/10.18280/ts.380526


Joint features, long-term memory network, LSTM, self-organized map, visual similarity, filter, visual computing

38, 5, 1521-1530 https://doi.org/10.18280/ts.380529


Image segmentation, medical images, watershed transform, deep level threshold techniques, MRF and mathematical morphology

38, 5, 1531-1540 https://doi.org/10.18280/ts.380530


38, 5, 1549-1555 https://doi.org/10.18280/ts.380532


Alzheimer’s disease, identification and classification, attention mechanism, convolutional neural network

38, 5, 1557-1564 https://doi.org/10.18280/ts.380533


Respiration, uMotion Artifacts Removal from ECG Signal Using Distinctive Techniques for Hemodynamic Parameters Monitoring

38, 4, 919-928 https://doi.org/10.18280/ts.380401


38, 4, 929-935 https://doi.org/10.18280/ts.380402


Video capturing, label importance, complex networks, entropy variations

38, 4, 937-946 https://doi.org/10.18280/ts.380403


CNN, deep learning, face mask detection, transfer learning

38, 4, 967-973 https://doi.org/10.18280/ts.380404


38, 4, 955-965 https://doi.org/10.18280/ts.380405


Brain tumor, computer aided detection, skull extraction, convolutional network

38, 4, 979-984 https://doi.org/10.18280/ts.380406


38, 4, 979-984 https://doi.org/10.18280/ts.380407


38, 4, 985-992 https://doi.org/10.18280/ts.380408


38, 4, 991-1000 https://doi.org/10.18280/ts.380409


attractive, unattractive, geometric feature, classification, neural network

38, 4, 1087-1092 https://doi.org/10.18280/ts.380410


38, 4, 1093-1102 https://doi.org/10.18280/ts.380411


SVM prediction model interface for plant contaminants.

38, 4, 1023-1032 https://doi.org/10.18280/ts.380412


classification, radar signals processing, W-band, micro-Doppler imaging, deep learning

38, 4, 1033-1039 https://doi.org/10.18280/ts.380413


Identification and Analysis of Limb Rehabilitation Signal Based on Wavelet Transform, C. Zhang, J. Zou, S. Zou.


Biometric System Based on Motion Posture Recognition: A Novel Multi-Level Pyramid Co-Variance Operators for Estimation of Personality Traits and Job Screening Scores, S. A. Tuncer, A. Çınar, M. Fırat, M.

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A novel hybrid diagnosis of bearing faults based on
Projected Wirtinger gradient descent for digital waves reconstruction.


Retinex-based multiphase algorithm for low-light image enhancement

Aydemir, O.

Recognition and difference analysis of human walking gait based on an intelligent processing of visual images

Wang, Y.N., Yang, Y.M., Li, Y.

A novel convolutional neural network based model for recognition and classification of apples leaf diseases

Yadav, D., Mandokho, Yadav, A.K.

A hybrid classifier for handwriting recognition on multiclass financial bills based on DCNN and SVM

Beirami, B.A., Mokhtarzade, M.

Image fusion of noisy images based on simultaneous empirical wavelet transform

Sun, H.Y., Wang, L., Song, Z., Chen, G.

End image defect detection of float glass based on measuring deflectometry (PMD), local blur, and structural parameter test

Chang, Y.S., Wang, L., Song, Z., Chen, G.

A novel spatial-temporal texture classification framework based on material derivative and USTM neural network

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Noise elimination based multiphase algorithm for low-light image enhancement

Aghaian, M.A., Al-Ameen, Z.

Design and implementation of a brush compression system for hyperspectral images

Yang, Q.J., Lu, Y.X., Zhang, J.L.

Clustering-based band selection using structural similarity index and entropy for hyperspectral image classification

Chang, J.B., Chen, G.

A method for automatic recognition of a brain-computer interface, rotating vanes, information transfer rate

37, 5, 753-764 https://doi.org/10.18280/ts.370505

Bouida, A., Beladgham, M., Bassou, A., Benyahia, I., Ahmed-Taleb, A., Haouam, I., Kamline, M.

Evaluation of textural degradation in compressed medical and biometric images by analyzing image texture features and edge

Saman, Y.L., Karabacak, S.S.

Three-dimensional active surface measurement based on active light source of plane measuring deflectometry system

Liu, S.Y., Wang, L., Song, Z., Chen, G.

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Yadav, D., Mandokho, Yadav, A.K.

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Noise elimination based multiphase algorithm for low-light image enhancement

Aghaian, M.A., Al-Ameen, Z.
Dynamic quantified capacity approach for edge detection based on image processing and improved adaptive boosting algorithm

A novel neural network-based edge detection algorithm for edge detection based on artificial neural networks

A novel metaheuristic algorithm for edge detection based on a new feature extraction method

A new approach for extracting and characterizing fetal electrocardiogram

A novel metaheuristic algorithm for edge detection based on artificial bee colony technique

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Signal detection based on artificial bee colony technique

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Infrared small target detection based on four-direction overlapping group sparse total variation

A face detection method based on image processing and improved adaptive boosting algorithm

An illumination insensitive normalization approach for face recognition using locality sensitive hashing

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A deep learning based hybrid approach for COVID-19 disease detection

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Cross-recurrence plots and quantification of glottal signal for pathological voice assessment

An antilogarithmic converter by using computer arithmetic, logarithmic multiplication, antilogarithmic converter, computer arithmetic, logarithmic multiplication

A new geometric method for discrimination of normal, injured, and LES EG signals

An adaptive filtering algorithm for non-Gaussian signals in alcoholic distribution

An efficient antilogarithmic converter by using correction scheme for DSP processor

A deep learning model for stress identification and images of fluid plans

A novel method for image encryption and image secure transmission

Performance optimization of GA-BHSS using genetic algorithm in MM/MS OFDM systems

A medical image detection algorithm based on image semantics

An automatic method for unsupervised feature selection of hyperspectral images based on statistical attributes, fuzzy c-means clustering, and virtual dimensionality.
Implementation of effective hybrid window function for E.C.G. signal denoising

Neha M., Kamar, R., Subara, B.C.

An innovative behavior-bounding correction method for computed tomography images


Compressive sensing based two-dimensional DOAs estimation using L-shaped array in a hostile environment

Tang, J.H., Zhu, Y., Song, L.

A novel-based self-adaptive hierarchical thresholding algorithm and its application in image denoising

Chen, X.B., Zhao, L., Hao, Y., Yu, L.H., Lv, C.C.

A comparative study of object classification methods using 2D Zernike moment on 3D point clouds

Shu, Y.Y., Bhan, P.

Surrogate data test

Geier, S., Gerhold, M., Schmidt, K., Kommareddy, M.

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An evaluation algorithm for the interoperability of global navigation satellite systems

Chen, X.B., Zhao, L., Sho, Y., Yu, L., Li, C.C.

Beirami, B.A., Mokhtarzade, M.

Spatial-spectral random patchwork network for classification of hyperspectral images

Bellantuono, B., Abdolrezaee, M.


A novel human behavior information coding method based on eye-tracking technology

Information identification, information coding, face capture, fixation duration, visual saliency

A novel signal-processing technique for traveling detection pulse radar in 3D geographic scene

Visual cryptography for gray scale images with enhanced security mechanisms

A new student-teacher mentoring algorithm for

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An automatic camera calibration method based on checkerboard

An improved particle swarm optimization algorithm for parameter optimization of proportional–integral–derivative controller

Robust and indiscernible multimedia watermarking using light weight mutational methodology

Ensembling: Model of histogram of oriented gradient-based handwritten Devanagari character recognition system

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Feature extraction and classification using deep principal component analysis and iterative closest point algorithm

Registration method for three-dimensional point cloud in rough and fine registrations based on principal component analysis and iterative closest point algorithm

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