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Compendex • Conference proceeding (CP)
2024 3rd International Conference on Robotics, Artificial Intelligence and Intelligent Control, RAIIC 2024
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Abstract

The proceedings contain 98 papers. The topics discussed include: integrating U-Net and multi-model approaches for accurate dental occlusal surface and caries detection; gearbox cross-speed fault diagnosis based on transfer learning of stator current; indoor mapping and analysis based on optimized existing 2D SLAM algorithm; prediction of short-term photovoltaic power based on SSA-BPNN model; hybrid model for predicting an unknown process based on a cluster version of the K-nearest neighbors method; a convolutional heterogeneous spiking neural network for real-time music classification; classification and recognition of gesture EEG signals with transformer-based models; MU-BISE: multi-UAV collaborative mapping based on blockchain information security enhancement; and using Laplacian support vector machine for gas bearing reservoir identification.

Conference Information

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