

List of Accepted Papers MLDM 2021

Rita Justo-Silva, Adelino Ferreira and Gerardo Flintsch

Contribution to the Development of Pavement Performance Prediction Models using Machine Learning Techniques

Xiaojin Ye and Robert Haralick

The Generalization of Mathematical Morphology to Non-numeric Sets

Michele Della Ventura

Automatic Recognition of Key Modulations in Symbolic Musical Pieces using Information Theory

Ademola Okerinde, Bill Hsu and Lior Shamir

AdeNet: Deep learning architecture that identifies damaged electrical insulators in power lines

Joseph Bingham and Sam Helmich

Bonsai: A Framework for Convolutional Neural Network Acceleration Using Criterion-Based Pruning

Arun Luthra, Edmond Abrahamian, Jean Luo, Ana Armenta and Prince Paulraj

Generalized Approach to Locality-Sensitive Hashing and Learned Aggregation

1Daihao Xue, Andre Couturier and Chathuri Daluwatte

Virtual Patient Data Generation Using Wasserstein Generative Adversarial Networks for Randomized Clinical Trial Data Sharing

Chun-Chen Lin, Li-Wei Chang, Chun-Pai Yang and Shou-De Lin

Learning to Predict With Unavailable Features: an End-to-End Approach via Knowledge Transferring

Nagendra Kumar, Jung-jae Kim and Shubhi Bansal

Semantic Text Matching using Transfer Learning and Deep Learning

Maria Vaida

Link Prediction on Graphs With Variational Graph Stacked Autoencoders

Richard Bellizzi, Dr. Jason Galary and Dr. Alfa Heryudono

Bearing Lubricant Defect Segmentation Using Synthetic Data

Diandra Prioleau, Kiana Alikhademi, Armisha Roberts, Joshua Peeples, Alina Zare and Juan Gilbert

Application of Divisive Clustering for Reducing Bias in Imbalanced Data information on submission

Nawaf Alharbi and Doina Caragea

Cross-Domain Recommender System based on Neural Collaborative Filtering

Yuya Kase and Masaomi Kimura

Does really a CNN recognize at the object?

Predrag Matavulj, Sanja Brdar, Miloš Racković, Branko Šikoparija and Ioannis N. Athanasiadis

Domain adaptation with unlabeled data for model transferability between airborne particle identifiers

Vaibhav Katturu, Parampuneet Thind, Sung-Hyuk Cha and Teryn Cha
Evaluating Preferential Voting Methods for Multiple Class Classification

Ben Zagagy, Maya Herman and Ofer Levi
Differentiating Between Covid19 and Viral Pneumonia, using Deep Learning Models Ensemble Methods

Justin Bui and Robert Marks
A Proof of Concept Neural Network Watchdog using a Hybrid Generative Classifier For Optimized Outlier Detection

Sonia Khetarpaul, Manika Mittal, Shivangi Goel and V. Pratihtha Sharma
Monitoring Social Media Content for Religious Context