

ISSN: 2086-9398 (print)  
ISSN: 2579-8901 (online)

# juita

## Jurnal Informatika

### Mei 2024

Improve Coal Blending Optimization in CFPP by Chromosome and Fitness Function Redefinition of the Genetic Algorithm <i>Binti Solihah, Ahmad Zuhdi, Abdul Rochman, Edo Yulistama, Hilda Dwi Utari</i> .....	1
Improving Stroke Detection with Hybrid Sampling and Cascade Generalization <i>Widya Putri Nurmawati, Indahwati Indahwati, Farit Mochamad Afendi</i> .....	9
Implementation of Live Forensic Method on Fusion Hard Disk Drive (HDD) and Solid State Drive (SSD) RAID 0 Configuration TRIM Features <i>Desti Muallifah, Rizdqi Akbar Ramadhan, Muhammad Arrafi Arrasyid</i> .....	19
Non-linear Kernel Optimisation of Support Vector Machine Algorithm for Online Marketplace Sentiment Analysis <i>Abdul Fadil, Imam Riadi, Fiki Andrianto</i> .....	29
Number of Cyber Attacks Predicted With Deep Learning Based LSTM Model <i>Joko Siswanto, Irwan Sembiring, Adi Setiawan, Iwan Setyawan</i> .....	39
Implementation of Backpropagation Neural Network for Prediction Magnetocaloric Effect of Manganite <i>Jan Setiawan, Silviana Simbolon, Yunasfi Yunasfi</i> .....	49
Comparative Analysis of CNN Architectures for SIBI Image Classification <i>Yulrio Brianorman, Dewi Utami</i> .....	61
Optimization of Hyperparameter K in K-Nearest Neighbor Using Particle Swarm Optimization <i>Muhammad Rizki, Arief Hermawan, Donny Avianto</i> .....	71
Enhancing Durrrotalk Chatbot Accuracy Utilizing a Hybrid Model Based on Recurrent Neural Network (RNN) Algorithm and Decision Tree <i>Dede Rizki Darmawan, Riza Arifudin</i> .....	81
Enhancing Information Technology Adoption Potential in MSMEs: a Conceptual Model Based on TOE Framework <i>Ainayah Syifa Hendri, Endah Sudarmilah</i> .....	91
Face Gender Classification using Combination of LPQ-Self PCA <i>Tio Dharmawan, Danu Adi Nugroho, Muhammad Arief Hidayat</i> .....	101
Image Classification of Room Tidiness Using VGGNet with Data Augmentation <i>Leni Fitriani, Ayu Latifah, Moch. Rizky Cahyadi Putra</i> .....	111
Comparative Study of Predictive Classification Models on Data with Severely Imbalanced Predictors <i>Embay Rohaeti, Ani Andriyati</i> .....	121
BCBimax Biclustering Algorithm with Mixed-Type Data <i>Hanifa Izzati, Indahwati Indahwati, Anik Djuraidah</i> .....	131



Sekretariat: Program Studi Teknik Informatika  
Gedung R Lt. 5 Universitas Muhammadiyah Purwokerto  
Jl. KH. Ahmad Dahlan PO.BOX 202 Purwokerto  
Telp. 0281-636751 Ext. 146 E-mail: [juita@ump.ac.id](mailto:juita@ump.ac.id)  
Customer Support : +6285282928664

p-issn



e-issn



VOLUME

12

Nomor 1

Program Studi Teknik Informatika  
**UNIVERSITAS MUHAMMADIYAH PURWOKERTO**