

Table of Contents

Kernel Comparison on Support Vector Machine for Detecting Stairs Descent <i>Ahmad Wali Satria Bahari Johan, Ardian Yusuf Wicaksono, Muhammad Dzulfikar Fauzi, Rizky Fenaldo Maulana, Kharisma Monika Dian Pertiwi</i>	289-298
Decision Support System for Teacher Performance Assessment at the Yayasan Pendidikan Islam Al-Islamiyah with the Analytical Hierarchy Process Method (AHP) <i>Sulhi Romadhon, Anita Diana</i>	299-314
Decision Tree and K-Nearest Neighbor (K-NN) Algorithm Based on Particle Swarm Optimization (PSO) for Diabetes Mellitus Prediction Accuracy Analysis <i>Andi Nur Rachman, Supratman, Euis Nur Fitriani Dewi</i>	315-324
Forecasting Room Occupancy Rates Based on Hotel Class in Bali Using the ARIMA Method <i>I Gusti Ayu Agung Diatri Indradewi, Ni Putu Sri Mulyani, Wayan Gede Suka Parwita</i>	325-339
Comparative Audit of Batam City Information System and COVID-19 National Website <i>Hendi Sama, Muhammad Rivaldy Hisham, Jumiliono Pratama, Luky Andito, Andy Kho, Hendry Wijaya</i>	340-354
Video Streaming Data Security Using AES-Rijndael Algorithm <i>Zebedeus Cheyso, I Made Agus Dwi Suarjaya, Gusti Made Arya Sasmita</i>	355-367
Analysis of User Acceptance of OpenSource Software (OSS) Using Task Technology Fit (TTF) and Unified Theory of Acceptance and Use of Technology 2 (UTAUT 2) Model <i>Stephanie Ngadiman, Nurul Mutiah, Renny Puspita Sari</i>	368-383
K-Nearest Neighbor's Accuracy in Dermatic Bacterial Disease Diagnosis Results <i>Puji Sari Ramadhan, Saiful Nurafif, Muhammad Syahril</i>	384-393
Dashboard System for Predicting Student Practicum Performance Using the Data Mining Method <i>Adam Fahsyah Nurzaman, Riyanto Jayadi</i>	394-406
Volumetry Reality Augmented Reality Application with Android Based Marker Based Tracking Method <i>Tri Ika Jaya Kusumawati</i>	407-419

Clustering Analysis in Sales Grouping Using The K-Means Algorithm at Cafe 47°Coffee <i>Raihan Hidayat, Harni Kusniyati</i>	420-434
Comparison of Adam's Optimization Function and Stochastic Gradient Descent on Bad Credit Classification of Savings and Loan Cooperatives Using Multilayer Perceptron <i>Jaka Tirta Samudra, B. Herawan Hayadi</i>	435-441
Online Standard Test System Based on HOTS Using Fisher-Yates Shuffle Algorithm on Final Level Students in Medan State University <i>Mulyahadi Wijaya Duha, Arie Rafika Dewi, Eka Rahayu</i>	442-448
Detections of White Blood Cell Areas in Unstained Blood Smear Images using Morphological Techniques <i>Lina, Michelle Augustine, Arlends Chris</i>	449-458
Implementation of Random Forest on Face Recognition Using Isomap Features <i>Rifki Kosasih, Achmad Fahrurrozi, Desti Riminarsih</i>	459-469
Application of Arnold Cat Map and Logistic Map Methods for Securing Citizens' Data Image <i>Thomas Adi Putra, Ikhwan Ruslianto, Syamsul Bahri</i>	470-481
Implementation of Mamdani Fuzzy Logic on Obstacle Avoidance Robots <i>Wahiddatun Nisa, Dwi Marisa Midyanti, Dedi Triyanto, Irma Nirmala</i>	482-494
Implementation of Decision Support System for Determining the Best Posyandu Using the Simple Additive Weighting Method <i>Allsela Meiriza, M. Rifki Ali</i>	495-509
Internet of Things Based Monitoring and Control System for Indoor Lettuce Cultivation on Soil Media <i>Caecilia Cantica Gita Mileniae Ahen, Ikhwan Ruslianto, Uray Ristian</i>	510-525
Determine the Eligibility Level of Village Fund Direct Cash Assistance Recipients using Fuzzy Mamdani Method <i>Hansen Alexander Rustan, Ikhwan Ruslianto, Irma Nirmala</i>	526-536
Drugs consumption clustering model using K-Means Technique <i>Haviluddin Haviluddin, Yudi Sukmono, Didit Suprihanto, Arif Harjanto, Olivia Angelica Murtioso</i>	537-546
Implementation of VIKOR Method in Determining Recipients of Cash Direct Assistance in Kalimas Village <i>Sy Kamal Baraqbah, Rahmi Hidayati, Irma Nirmala</i>	547-559

Payroll Program Design at The Employee Cooperative of The Republic Indonesia Kancawinaya Teachers Karawang <i>Nuraeni Herlinawati, Dahlia Dahlia, Verry Riyanto, Ganda Wijaya</i>	560-571
Irrigation Control Using Fuzzy Logic on The Internet of Things Agriculture System <i>Angga Prasetyo, Yovi Litanianda, Fadelan, Arief Rahman Yusuf, Sugianti</i>	572-580
Epoch Optimization on Rice Leaf Image Classification Using Convolutional Neural Network (CNN) MobileNet <i>Fauzan Masykur, Mohammad Bhanu Setyawan, Kuntang Winangun</i>	581-590
Determination of the Quality of Onion Seeds using Additive Ratio Assessment (ARAS) Method <i>Juniar Hutagalung, Mukhlis Ramadhan, Muhammad Dahria, Rudi Gunawan</i>	591-602