



Personal Info

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 Functional position : Assistant Professor
 Structural position : -
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 Course taught : 1. Basic Programming
 2. Data Structure
 3. Computational Statistics
 4. Fuzzy Logic Model
 5. Artificial Neural Network Model
 6. Data Mining
 7. Management Information System

Education Background

Program	S1	S2
University	Universitas Brawijaya	Universitas Gajah Mada
Department	Statistics	Computer Science
Year of entry-graduation	1997	2011
Title of final project/thesis/dissertation	The Study of Power of Statistical Test	Wavelet Radial Basis Function for Prediction of non-Stationary Time Series

Research Project

1. The Influence of the Number of Linguistic values on the Performance of Fuzzy Inference Systems for Time Series Forecasting (2018)
2. Simulation of Bayesian Ridge Regression Models in Data with Some Multicollinearity Levels (2017)
3. Generation of Fuzzy Rules Base with Fuzzy C-Mean on Fuzzy Systems for Time Series Forecasting (2016)
4. Climate Forecasting System with Gstari-X-Sur for Potato Plant Calendar Prediction (2015)



5. Fuzzy Association Rules for Forecasting the Nutritional Status of Toddlers (2015)
6. Comparison of Parameter Estimation Methods with Ordinary Least Squares (OLS) and Maximum Likelihood Estimator (MLE) in Path Model Analysis of Multi Input Transfer Function (2014)
7. Fuzzy System with Recursive Least Square for Financial Time Series Forecasting (2012)
8. Schema Look-Up Table on FIS for Financial Time Series Forecasting (2011)

Journal Publication

1. The Implementation of a Hybrid Fuzzy Clustering on the Public Health Facility Data. *International Journal of Advanced Trends in Computer Science and Engineering*. 8(6). 3550-3555. (2019)
2. Generating of Fuzzy Rule Bases with Gaussian Parameters Optimized via Fuzzy C-Mean and Ordinary Least Square. *International Journal of Recent Technology and Engineering*. 11(6): 4521-4530. (2019)
3. The Implementation Of The Optimal Rule Bases Generated By Hybrid Fuzzy C-Mean And Particle Swarm Optimization. *Journal of Theoretical & Applied Information Technology* 97(16): 4453-4453. (2019)
4. Modeling Average Prices of Garlic in Indonesia. *Journal of Engineering and Applied Science*. 14(21): 7941-7950. (2019)
5. Modeling Threshold Liner in Transfer Function to Overcome Non Normality of the Errors. In *IOP Conference Series: Materials Science and Engineering*. Vol. 546, No. 5, p. 052039. (2019)
6. Implementation of Fuzzy Inference System for Classification of Dengue. *Conference Series: Materials Science and Engineering*. Vol. 546, No. 5, p. 052038. (2019)
7. The Fuzzy Inference System with Rule Bases Generated by using the Fuzzy C-Means to Predict Regional Minimum Wage in Indonesia. *The International Journal of Operation and Quantitative Management*. 24(4): 101-116. (2018)
8. The Fuzzy Inference System with Least Square Optimization for Time Series Forecasting. *Indonesian Journal of Electrical Engineering and Computer Science*. 11(3): 1015-1026. (2018)
9. System for Prediction of Non Stationary Time Series Based on The Wavelet Radial Bases Function Neural Network Model. *International Journal of Electrical and Computer Engineering (IJECE)*, 8(4), 2327-2337. (2018)



10. Attribute Diversity in The Covariance Matrix on The Magnitude of The Radius Parameter in Fuzzy Subtractive Clustering. *Journal of Theoretical & Applied Information Technology*, 96(12). (2018)
11. An Influence of Measurement Scale of Predictor Variable on Logistic Regression Modeling and Learning Vector Quantization Modeling for Object Classification. *International Journal of Electrical and Computer Engineering (IJECE)*, 8(1), 333-343. (2018)
12. System for Selection Starting Lineup of a Football Player by Using Analytical Hierarchy Process (AHP). *Journal of Theoretical & Applied Information Technology*, 96(1). (2018)
13. The Classification Performance Using Logistic Regression and Support Vector Machine (Svm). *Journal of Theoretical & Applied Information Technology*, 95(19). (2017)
14. Implementation of Particle Swarm Optimization (Pso) Algorithm for Estimating Parameter of ARMA Model Via Maximum Likelihood Method. *Far East Journal of Mathematical Sciences*, 102(7), 1337-1363. (2017)

Scientific Paper Presentation in Conference / Scientific Seminar

1. The 9th Basic Sciences International Conferences. Implementation of Fuzzy Inference System for Classification of Dengue Fever on the Villages in Malang. Universitas Brawijaya, Malang, March 20-22, 2019.
2. International Conference on Applied Analysis and Mathematical Modeling ICAAMM19. The Multiple Time Series Modeling with Autoregressive Distributed Lag. Istanbul-Turkey, March 10-13, 2019
3. The 14th IMT-GT International Conference on Mathematics, Statistics and their Applications (ICMSA 2018). The Fuzzy Inference System with Rule Bases Generated by Fuzzy C-Means Clustering. Taksin University, Thailand, December 8-10, 2018.
4. National Seminar III: Application of Sciences and Technology (PIPT). Optimal Selection of Radius magnitude And Membership Functions in Fuzzy Subtractive Clustering. Tanjung Pura University, Pontianak, 2017.
5. The 7th Basics Sciences International Conferences. Automated Rule Based Generating Based on Fuzzy C Mean (FCM) Clustering. Universitas Brawijaya, Malang, 2017.
6. SiManTap. Fuzzy Association Rules for Classifying Toddler Nutritional Status. Universitas Sumatera Utara, Medan, 2016.



7. The 6th Basics Sciences International Conferences. Fuzzy System for Prediction Support or Resistance of Exchange EURO to USD in Forex market. Universitas Brawijaya, Malang, 2016.
8. National Conference of the Indonesian's Mathematics Society. FIS Using Table Look Up Scheme for Prediction Financial Time Series. Institut Teknologi Sepuluh Nopember, Surabaya, 2014.
9. National Conference of the Indonesian Mathematics Society. ARIMA- ANN Hybrid for Forecasting Financial Data. Universitas Padjajaran, Bandung, 2012.
10. International Conference of South East Asian Mathematics. Wavelet Radial Basis Function (WRBF) for the Prediction of Non-Stationary Time Series. Universitas Gajah Mada, Yogyakarta, 2011.
11. The First Basics Sciences International Conferences. MLP Feed Forward Neural Network for the Prediction of Mc Glass Time Series. Universitas Brawijaya, Malang, 2010.

Textbook Publication

1. Applied Fuzzy System with R Software , UB Press, Malang, Indonesia (2017)