

## DAFTAR PUSTAKA

- [1] [http://www.telkomsel.com/media/upload/annualreport/AR\\_TSEL2014.pdf](http://www.telkomsel.com/media/upload/annualreport/AR_TSEL2014.pdf)  
diakses tanggal 20 Agustus 2015 pukul 06.08 WIB
- [2] <http://redwing-asia.com/market-data-posts/mobile-data-services-take-off-in-indonesia> diakses tanggal 1 Agustus 2015 pukul 07.20 WIB
- [3] <http://redwing-asia.com/market-data-posts/mobile-data-services-in-indonesia/>  
diakses tanggal 1 Agustus 2015 pukul 07.10 WIB
- [4] <http://www.ericsson.com/res/docs/2014/ericsson-mobility-report-june-2014.pdf>  
diakses tanggal 1 Agustus 2015 pukul 07.40 WIB
- [5] <http://redwing-asia.com/analysis-posts/messaging-is-the-category-killer-mobile-app/> diakses tanggal 1 Agustus 2015 pukul 08.25 WIB
- [6] Mastorocostas, P.A., "A Telecommunications Call Volume Forecasting System Based on a Recurrent Fuzzy Neural Network.," IEEE Journal Neural Networks (IJCNN), pp. 1-6, Feb. 2013.
- [7] Yanhua Yu, Meina Song, Zhijun Ren and Junde Song, "Network Traffic Analysis and Prediction based on APM," IEEE: Pervasive Computing and Applications (ICPCA), pp. 275-280, 2011.
- [8] Feng Li, Zhan Hong Xin, Mu Li, and Zhi Wei Shen, "An Empirical Research on Telecommunication Traffic Forecasting Based on Chaos Theory," IEEE: Management and Service Science (MASS), pp. 1-4, 2010.
- [9] Yongping Li and Rongjun Li, "A Fuzzy Neural Network Model with Application to Telecommunications Business," IEEE: Services Computing, pp. 112-117, 2006.
- [10] Xu Jiang and Wang jingmin, "Method for Forecasting Telecom Operators' Revenue: Based on DEA Regression," IEEE: Information Processing, pp. 375-378, 2009.
- [11] Chenghai Yu, Jianlong Xu, Jie Chen, and Weiqiang Xu, "Traffic Prediction in Telecommunications Networks: A Combined Forecast Method Based on Adaptive Genetic Algorithm," IEEE: Intelligent Human-Machine Systems and Cybernetics, pp. 405 408, 2009.
- [12] Mehdi Khashei, Seyed Reza Hejazi, and Mehdi Bijari, "A new hybrid artificial neural networks and fuzzy regression model for time series forecasting," Fuzzy Sets and Systems, vol. 159, pp. 769-786, 2008.

- [13] Zeljko Deljac, Marijan Kunstic, and Boris Spahija, "Using temporal neural networks to forecasting of broadband network faults," IEEE: Software, Telecommunications and Computer Networks (SoftCOM), pp. 1-5, 2011.
- [14] Mastorocostas, P.A., Hilas C.S., Dova, S.C., and Varsamis, D.N., "A TSK-based fuzzy fuzzy system for telecommunications time-series forecasting," IEEE: Intelligent Systems (IS), 2012 6th IEEE International Conference, pp. 146-151, 2012.
- [15] Hadavandi E., Ghanbari A., and Abbasian-Naghneh S., "Developing a Time Series Model Based on Particle Swarm Optimization for Gold Price Forecasting," IEEE: Business Intelligence and Financial Engineering (BIFE), 2010 Third International Conference, pp. 337-340, 2010.
- [16] Yuhui Shi, Eberhart R., "A modified particle swarm optimizer," Evolutionary Computation Proceedings, pp. 69-73, 1998.
- [17] Yunhua Yu, dkk. , "Network Traffic Prediction and Result Analysis Based on Seasonal ARIMA and Correlation Coefficient ", 2010 International Conference on Intelligent System Design and Engineering Application, pp. 980-983, 2010.
- [18] Yunhua Yu, dkk. , "Traffic Prediction in 3G Mobile Networks Based on Multifractal Exploration", Tsinghua Science and Technology Vol. 18, Number 4, pp. 398-405, 2013.
- [19] [https://www.quandl.com/WGC/GOLD\\_DAILY\\_INR](https://www.quandl.com/WGC/GOLD_DAILY_INR) diakses tanggal 28 Juni 2015 pukul 11.46 WIB
- [20] J. Supranta, "Ekonometri", Jakarta: Ghalia Indonesia, 2004.
- [21] Damodar N. Gujarati, Dawn C. Porter, "Dasar-Dasar Ekonometrika Buku 2, Edisi 5th" Penerbit: Salemba Empat, 2011.
- [22] Abdul Hakim, "Pengantar Ekonometrika dengan Aplikasi EViews", Penerbit: Ekonesia, 2015
- [23] [http://daps.bps.go.id/file\\_artikel/77/arima.pdf](http://daps.bps.go.id/file_artikel/77/arima.pdf) diakses tanggal 1 Juni 2015 pukul 09.12 WIB
- [25] <https://doupafia.files.wordpress.com/2015/04/gambar-51.png> diakses tanggal 1 Agustus 2015 pukul 09.40 WIB
- [26] <https://www.r-project.org/about.html> diakses tanggal 21 Agustus 2015 pukul 09.40 WIB
- [27] <http://home.ubalt.edu/ntsbarsh/business-stat/stat-data/forecast.htm> diakses tanggal 23 Oktober 2015 pukul 10.20 WIB

- [28] George I. Evers, “An Automatic Regrouping Mechanism To Deal With Stagnation In Particle Swarm Optimization” Thesis, University of Texas-Pan American. 2009



UNIVERSITAS  
GADJAH MADA

**Pengembangan Model Runtun Waktu Musiman Menggunakan Particle Swarm Optimization untuk  
Prediksi Data  
Payload Broadband**

ARJUNA AJI NEGARA, Dr. I Wayan Mustika, S.T., M. Eng. ;Ir. Oyas Wahyunggoro, M.T., Ph.D  
Universitas Gadjah Mada, 2016 | Diunduh dari <http://etd.repository.ugm.ac.id/>