

## DAFTAR PUSTAKA

- Abolhassani, A. T., and Yaghoobi, M., 2010, Stock Price Forecasting Using PSOSVM, *3<sup>rd</sup> International Conference on Advanced Computer Theory and Engineering (ICACTE)*, Vol. 3, pp. V3-352.
- Agustin, R. D., dan Sastramihardja, H., 2004, Model Manajemen Persediaan Darah di PMI Didukung Sistem Informasi Berbasis WEB (Mengadopsi Konsep Supply Chain Management), *Seminar Nasional Aplikasi Teknologi Informasi 2004*, Yogyakarta.
- Asriningtias, A. R., Dachlan, H. S., dan Yudaningtyas, E., 2015, Optimasi Training Neural Network Menggunakan Hybrid Adaptive Mutation PSO-BP, *Jurnal EECCIS*, Vol. 9, No. 1, pp. 79-84.
- Belien J. dan Force H., 2012, Supply Chain Management of Blood Products: A literature review, *European Journal of Operational Research*, vol. 217, pp. 1-16.
- Biro Komunikasi dan Pelayanan Masyarakat, 2016, *Ketersediaan Darah Ditentukan Partisipasi Masyarakat Menjadi Donor*, dipublikasikan 2 Juni 2016, Kementerian Kesehatan Republik Indonesia, Jakarta, diakses 16 September 2017, <<http://www.depkes.go.id/article/view/16060300001/ketersediaan-darah-ditentukan-partisipasi-masyarakat-menjadi-donor.html>>.
- Chen, M. Y., Fan, M. H., Chen, Y. L., and Wei, H. M., 2013, Design of Experiments on Neural Network's Parameters Optimization for Time Series Forecasting in Stock Markets, *Neural Network World*, Vol. 23, No.4, pp.369.
- Gurgel, J.L.M. and do Carmo, B.B.T., 2014, Sizing inventory of blood products in a blood bank at Brazil based on a model of inventory management and a demand forecast. *Revista Produção Online*, Vol. 14(1), pp.264-293.
- Eka F., W., dan Agus W., D., 2012, Analisis Peramalan Kombinasi terhadap Jumlah Permintaan Darah di Surabaya (Studi Kasus: UDD PMI Kota Surabaya), *Jurnal Sains dan Seni ITS*, Vol. 1, pp. 20-24.
- Fausett, L.V., 1994, *Fundamentals of neural networks: architectures, algorithms, and applications* (Vol. 3), Englewood Cliffs: Prentice-hall.
- Filho, O. S. S., Cezarino, W., and Salviano, G. R., 2012, A Decision-making Tool for Demand Forecasting of Blood Components, *Proceedings of The 14<sup>th</sup> IFAC Symposium on Information Control Problems in Manufacturing*, Vol. 45(6), pp.1499-1504.
- Hanke, J.E., dan Wichern, D.W., 2005, *Business Forecasting*, 8th. edition, Pearson Prentice.
- Harlan, A., dan Setiawan, B. D., Marji, 2018, Peramalan Jumlah Kasus Penyakit Menggunakan Jaringan Saraf Tiruan Backpropagation (Studi Kasus Puskesmas Rogotrunan Lumajang), *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, Vol. 2, No. 8, pp. 2781-2790.

- Haryadi, D., 2016, *Perencanaan dan Pengendalian Persediaan Darah di Palang Merah Indonesia Kabupaten Sleman*, Skripsi, Teknik Mesin dan Industri, Universitas Gadjah Mada, Yogyakarta.
- Heizer, J. dan Render, B., 2004, *Operation Management*, Pearson Prentice Hall.
- Hsieh, L. F., Hsieh, S. C., and Tai, P. H., 2011, Enhanced Stock Price Variation Prediction via DOE and BPNN-based Optimization, *Expert Systems with Applications*, Vol. 38, pp. 14178-14184.
- Hsu, Chih Ming, 2011, Forecasting Stock/futures Prices by Using Neural Networks with Feature Selection, *Information Technology and Artificial Intelligence Conference (ITAIC)*, Vol. 1, pp. 1-7.
- Infodatin, 2017, *Pelayanan Darah di Indonesia*, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Ismoko, T., 2013, *Analisis Model Peramalan Permintaan Darah Pada Palang Merah Indonesia Unit Transfusi Darah Kota Yogyakarta*, Skripsi, Teknik Mesin dan Industri, Universitas Gadjah Mada. Yogyakarta.
- Jabin, Suraiya, 2014, Stock Market Prediction using Feed-Forward Artificial Neural Network, *International Journal of Computer Applications*, Vol. 99, No. 9.
- Karaesmen, I.Z., Scheller–Wolf, A. and Deniz, B., 2011, Managing perishable and aging inventories: review and future research directions, *Planning production and inventories in the extended enterprise*, pp. 393-436.
- Karazmodeh, M., and Hashemi, S. M., 2013, Stock Price Forecasting using Support Vector Machines and Improved Particle Swarm Optimization, *Journal of Automation and Control Engineering*, Vol. 1, No. 2, pp. 173-176.
- Khaldi, R., El Afia, A., Chiheb, R., and Faizi, R., 2017, Artificial Neural Network Based Approach for Blood Demand Forecasting: Fez Transfusion Blood Center Case Study, *Proceedings of the 2nd international Conference on Big Data, Cloud and Applications*, pp. 59.
- Lau, E. H. Y., He, X. Q., Lee, C. K., and Wu, J. T., 2013, Predicting Future Blood Demand from Thalassemia Major Patients in Hong Kong, *PloS one*, Vol. 8(12), pp. E81846.
- Lestari, F., Anwar, U., Nugraha, N., dan Azwar, B., 2017, Forecasting Demand in Blood Supply Chain (Case Study on Blood Transfusion Unit), *Proceedings of the World Congress on Engineering 2017*, Vol. 2.
- Li, Q., Zhang, X., Rigat, A., and Li, Y., 2015, Parameters Optimization of Back Propagation Neural Network Based on Memetic Algorithm Coupled with Genetic Algorithm, *2015 IEEE 12th Intl Conf on Autonomic and Trusted Computing*, pp. 1359-1364.
- Li, Xiaochen, 2013, Comparison and Analysis between Holt and Exponential Smoothing and Brown Exponential Smoothing Used for Freight Turnover Forecasts, *Third International Conference on Intelligent System Design and Engineering Applications*, pp. 453-456.
- Lucey, Terry, 2002, *Quantitative Techniques 6th Edition*, Thomson, London.
- Montgomery, D. C., 2009, *Design and Analysis of Experiments*, 5<sup>th</sup> ed., John Wiley & Sons Inc., New York.

- Nadandi, R., 2014, *Analisis Peramalan Persediaan Terhadap Permintaan Produk Darah di Palang Merah Indonesia Unit Donor Darah Kota Yogyakarta*, Skripsi, Teknik Mesin dan Industri, Universitas Gadjah Mada. Yogyakarta.
- Pakaja, F., Naba, A., dan Purwanto., 2012, Peramalan Penjualan Mobil Menggunakan Jaringan Saraf Tiruan dan Certainty Factor, *Jurnal EECCIS*, Vol. 6, No. 1, pp. 23-28.
- Peraturan Menteri Kesehatan Republik Indonesia, Nomor 91 Tahun 2015, Tentang Syarat Pendonor Darah.
- Peraturan Pemerintah Republik Indonesia, Nomor 18 Tahun 1980, Tentang Transfusi Darah, Jakarta.
- PMI Kabupaten Sleman, 2018, Proses Donor Darah, Sleman.
- PMI Kabupaten Sleman, 2018, Skema Permintaan Darah, Sleman.
- Prastacos, G.P., 1984, Blood Inventory Management: an Overview of Theory and Practice, *Management Science*, Vol. 30, No. 7, pp. 777-800.
- Putranto, F.F., 2017, *Analisis Peramalan Jumlah Penerimaan dan Permintaan Darah di PMI Kabupaten Sleman*, Skripsi, Teknik Mesin dan Industri, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Razak, M. A., dan Riksakomara, E., 2017, Peramalan Jumlah Produksi Ikan dengan Menggunakan Backpropagation Neural Network (Studi Kasus: UPTD Pelabuhan Perikanan Banjarmasin), *Jurnal Teknik ITS*, Vol. 6, No. 1, pp. 142-148.
- Rebekic, A., Loncaric, Z., Petrovic, S., and Maric, S., 2015, Pearson's or Spearman's Correlation Coefficient, *Poljoprivreda Journal*, Vol. 21, No. 7, pp. 47-54.
- Rini, L., 2015, *Peramalan Runtut Waktu Untuk Mengatasi Risiko Ketidakpastian Pada Unit Donor Darah Palang Merah Indonesia*, Skripsi, Manajemen, Universitas Gadjah Mada. Yogyakarta.
- Samuel, M., and Okey, L. E., 2015, The Relevance and Significance of Correlation in Social Science Research, *International Journal of Sociology and Anthropology Research*, Vol. 1, No. 3, pp. 22-28.
- Santoso, I., Effendi, U., dan Fauziya, C., 2007, Penerapan Jaringan Saraf Tiruan untuk Peramalan Permintaan Komoditas Karet di PT. Perkebunan Nusantara XII Surabaya, *Jurnal Teknologi Pertanian*, Vol. 5, No. 1, pp. 46-54.
- Saxena, J. P., 2009, *Production and Operations Management: 2nd edition*, Tata McGraw-Hill Education Private Limited, New Delhi.
- Wartati, D., 2017, *Aplikasi Jaringan Saraf Tiruan dan Particle Swarm Optimization untuk Peramalan Indeks Harga Saham Bursa Efek Indonesia*, Skripsi, Teknik Mesin dan Industri, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Waugh, A. and Grant, A., 2010. *Ross & Wilson Anatomy and Physiology in Health and Illness E-Book*. Elsevier Health Sciences.
- Wilson, J.H., Keating, B., 2002, *Business Forecasting*, McGraw-Hill, New York.
- Yang, D., Wang, Y., Pan, R., Chen, R., and Chen, Z., 2017, A neural network based state-of-health estimation of lithium-ion battery in electric vehicles, *Energy Procedia*, Vol. 105, pp. 2059-2064.