

## DAFTAR PUSTAKA

- [1]. F.A. Wiranto, Supriyanto, dan R.M.S. Suryaningsih. *Perpustakaan Menjawab Tantangan Jaman*. Universitas Katolik Soegijapranata, Indonesia, Semarang, 1997.
- [2]. Ricardo M.S.F. Almeida, Vasco Peixoto de Freitas, dan João M.P.Q. Delgado. *School Buildings Rehabilitation*. , 2015.
- [3]. Perpustakaan Nasional RI. *Standar Nasional Perpustakaan SNP 010:2011*. , 2011.
- [4]. Feni Wijastuti. *Audit Energi Listrik Studi Kasus di Gedung Perpustakaan Pusat UGM Sayap Selatan (L1)*. , 2014.
- [5]. Adel Alshibani dan Othman Subhi Alshamrani. *ANN/BIM-based model for predicting the energy cost of residential buildings in Saudi Arabia*. *Journal of Taibah University for Science* 11, 6: 1317–1329, 2017.
- [6]. Liping Wang, Robert Kubichek, dan Xiaohui Zhou. *Adaptive learning based data-driven models for predicting hourly building energy use*. *Energy and Buildings* 159: 454–461, 2018.
- [7]. Francesco Massa Gray dan Michael Schmidt. *Thermal building modelling using Gaussian processes*. *Energy and Buildings* 119: 119–128, 2016.
- [8]. William E.K., Watt S., dan Larson P.D. *Challenges in Estimating Costs Using Building Information Modelling*. *AACE Int. Tran.* 01.1., 2007.
- [9]. Dermot Kehily, Barry McAuley, dan Alan Hore. *Leveraging Whole Life Cycle Costs When Utilising Building Information Modelling Technologies*. *International Journal of 3-D Information Modeling* 1, 4: 40–49, 2012.
- [10]. XJ Ye, ZW Lian, ZP Zhou, JM Feng, CZ Li, dan YM Liu. *Indoor environment, thermal comfort and productivity*. *ASHRAE Distinguished Lecture Talk*: 407–411, 2005.
- [11]. Nazhatulzalkis Jamaludin, Mohd Faris Khamidi, Suriani Ngah, Abdul Wahab, dan M A Mustafa. *Indoor Thermal Environment in Tropical Climate Residential Building*. 6, 2014.
- [12]. Lin Duanmu, Xingwei Sun, Quan Jin, dan Zhiqiang Zhai. *Relationship*

- between Human Thermal Comfort and Indoor Thermal Environment Parameters in Various Climatic Regions of China. Procedia Engineering* 205: 2871–2878, 2017.
- [13]. Qingwen Xue dan Zhaojun Wang. *Investigation and Simulation on Indoor Thermal Environment of a Passive Residential Building in Severe Cold Area of China. Procedia Engineering* 205: 3578–3584, 2017.
- [14]. Yeonsook Heo dan Victor M. Zavala. *Gaussian process modeling for measurement and verification of building energy savings. Energy and Buildings* 53: 7–18, 2012.
- [15]. Bin Yan dan Am Malkawi. *A Bayesian Approach for Predicting Building Cooling and Heating Consumption. Building Simulation 2013*: 3137–3144, 2013.
- [16]. R.E. Abdel-Aal, A.Z. Al-Garni, dan Y.N. Al-Nassar. *Modelling and forecasting monthly electric energy consumption in eastern Saudi Arabia using abductive networks. Energy* 22, 9: 911–921, 1997.
- [17]. Yangyang Fu, Zhengwei Li, Hao Zhang, dan Peng Xu. *Using Support Vector Machine to Predict Next Day Electricity Load of Public Buildings with Sub-metering Devices. Procedia Engineering* 121: 1016–1022, 2015.
- [18]. Bing Dong, Cheng Cao, dan Siew Eang Lee. *Applying support vector machines to predict building energy consumption in tropical region. Energy and Buildings* 37, 5: 545–553, 2005.
- [19]. Hanan M. Taleb dan Steve Sharples. *Developing sustainable residential buildings in Saudi Arabia: A case study. Applied Energy* 88, 1: 383–391, 2011.
- [20]. G E Nasr, E A Badr, M R Younes, Data- Min, Hi Lo, dan Max- Min. *Neural Networks in Forecasting Electrical Energy Consumption*. 489–492, 2001.
- [21]. Saad A. Al-Hamed dan Mohamed F. Wahby. *Prediction of potato yield based on energy inputs using artificial neural networks and c-sharp under Saudi Arabia Conditions. Biosciences Biotechnology Research Asia* 13, 2: 631–644, 2016.
- [22]. Rajeev Aggarwal. *Energy analysis of a building using artificial neural*

*network: A review.* , 2013.

- [23]. Stavroula Karatasou, Mat Santamouris, dan V Geros. *Modeling and predicting building's energy use with artificial neural networks: Methods and results.* , 2006.
- [24]. Betül Bektas Ekici dan U. Teoman Aksoy. *Prediction of building energy consumption by using artificial neural networks. Advances in Engineering Software* 40, 5: 356–362, 2009.
- [25]. Rajesh Kumar, Rk Aggarwal, dan J D Sharma. *Estimation of Total Energy Load of Building Using Artificial Neural Network. Energy and Environmental Engineering* 1, 2: 25–35, 2013.
- [26]. Sevcan Aytac Korkmaz dan Hamidullah Binol. *Classification of molecular structure images by using ANN, RF, LBP, HOG, and size reduction methods for early stomach cancer detection. Journal of Molecular Structure* 1156: 255–263, 2018.
- [27]. Mohsen Beigi, Mehdi Toriki-Harchegani, dan Mojtaba Tohidi. *Experimental and ANN modeling investigations of energy traits for rough rice drying. Energy* 141: 2196–2205, 2017.
- [28]. O Nait Mensour, B El Ghazzani, B Hlimi, dan A Ihlal. *Modeling of solar energy potential in Souss-Massa area-Morocco, using intelligence Artificial Neural Networks (ANNs). Energy Procedia* 139: 778–784, 2017.
- [29]. Neelamegam Premalatha dan Amirtham Valan Arasu. *Prediction of solar radiation for solar systems by using ANN models with different back propagation algorithms. Journal of Applied Research and Technology* 14, 3: 206–214, 2016.
- [30]. Wei Chen, Hamid Reza Pourghasemi, Aiding Kornejady, dan Ning Zhang. *Landslide spatial modeling: Introducing new ensembles of ANN, MaxEnt, and SVM machine learning techniques. Geoderma* 305: 314–327, 2017.
- [31]. Jin Woo Moon dan Jong Jin Kim. *ANN-based thermal control models for residential buildings. Building and Environment* 45, 7: 1612–1625, 2010.
- [32]. Zakia Afroz, GM Shafiullah, Tania Urmee, dan Gary Higgins. *Prediction of Indoor Temperature in an Institutional Building. Energy Procedia* 142:

1860–1866, 2017.

- [33]. P.O. Fanger. *Thermal Comfort*. McGraw-Hill Book Company, 1972.
- [34]. K.C. Parsons. *Human Thermal Environments*. Taylor & Francis Group, 2002.
- [35]. Y. A. Cengel. *Heat and Mass Transfer: a Practical Approach Second Edition*. McGraw-Hill Education, New York, 2006.
- [36]. Frank Kreith, Raj M.Manglik, dan Mark S.Bohn. *Principle of Heat Transfer*. Cengage Learning, USA, 2011.
- [37]. *Refrigeration & Air Conditioning*. IIT Kharagpur, India, 2008.
- [38]. A Bhatia. *Cooling Load Calculations and Principles. Continuing Education and Development, Inc. New York 877*, 2001.
- [39]. Folke Peterson. *Climate Calculations*. Department of Heating and Ventilation Royal Institute of Technology, Stockholm.
- [40]. W. Versteeg, H. K., Malalasekera. *An Introduction to Computational Fluid Dynamics*. , 2007.
- [41]. JJ Siang. *Jaringan Syaraf Tiruan dan Pemrogramannya menggunakan MATLAB*. ANDI, Yogyakarta, 2004.
- [42]. Sri Kusumadewi. *Membangun Jaringan Syaraf Tiruan Menggunakan MATLAB & EXCEL LINK*. GRAHA ILMU, 2013.
- [43]. Yasinta Lisa. *Implementasi Algoritma Pelatihan Levenberg Marquardt dan Regularisasi Bayes untuk Prediksi Curah Hujan*. 1–10.
- [44]. Tolk A., Diallo S.Y., Ryzhov O., Yilmaz L., Buckley S., dan Miller J.A. *John Swanson and ANSYS - An Engineering Success Story. Proceedings of the 2014 Winter Simulation Conference: 3–4*, 2014.
- [45]. R Shankar Subramanian. *Reynolds Number*. In *Springer Reference* Springer-Verlag, Berlin/Heidelberg, 1–3.
- [46]. Syeda Firdaus Fatima dan Hassam Nasarullah Chaudhry. *Steady-state CFD modelling and experimental analysis of the local microclimate in Dubai (UAE). Sustainable Buildings 2: 5*, 2017.
- [47]. *Introductory FLUENT Training*. Diambil 10 Maret 2018 dari <http://www.southampton.ac.uk/~nwb/lectures/GoodPracticeCFD>, 2006.

- [48]. ASHRAE 55-2010. *Thermal environmental conditions for human occupancy*. ASHRAE Inc. 2010: 42, 2010.
- [49]. Cleve Moler. *The Origins of MATLAB*. Diambil dari <https://www.mathworks.com/company/newsletters/articles/the-origins-of-matlab.html>.