

DAFTAR PUSTAKA

- [1] F. Büning, R. Sangi, and D. Müller, “A Modelica library for the agent-based control of building energy systems,” *Appl. Energy*, vol. 193, pp. 52–59, May 2017.
- [2] C. Deb, S. E. Lee, and M. Santamouris, “Using artificial neural networks to assess HVAC related energy saving in retrofitted office buildings,” *Sol. Energy*, vol. 163, pp. 32–44, Mar. 2018.
- [3] T. E. Kuhn, “State of the art of advanced solar control devices for buildings,” *Sol. Energy*, vol. 154, pp. 112–133, 2017.
- [4] C. A. Balaras, E. Dascalaki, and A. Gaglia, “HVAC and indoor thermal conditions in hospital operating rooms,” *Energy Build.*, vol. 39, no. 4, pp. 454–470, Apr. 2007.
- [5] “Pedoman Teknis Bangunan Rumah Sakit Ruang Perawatan Intensif.” DIREKTORAT BINA PELAYANAN PENUNJANG MEDIK DAN SARANA KESEHATAN DIREKTORAT BINA UPAYA KESEHATAN KEMENTERIAN KESEHATAN RI, 2012.
- [6] S. Sattayakorn, M. Ichinose, and R. Sasaki, “Clarifying thermal comfort of healthcare occupants in tropical region: A case of indoor environment in Thai hospitals,” *Energy Build.*, vol. 149, pp. 45–57, Aug. 2017.
- [7] R.-L. Hwang, T.-P. Lin, M.-J. Cheng, and J.-H. Chien, “Patient thermal comfort requirement for hospital environments in Taiwan,” *Build. Environ.*, vol. 42, no. 8, pp. 2980–2987, Aug. 2007.
- [8] J. Khodakarami and N. Nasrollahi, “Thermal comfort in hospitals – A literature review,” *Renew. Sustain. Energy Rev.*, vol. 16, no. 6, pp. 4071–4077, Aug. 2012.
- [9] T. G. Özbalta, A. Sezer, and Y. Yıldız, “Models for Prediction of Daily Mean Indoor Temperature and Relative Humidity: Education Building in Izmir, Turkey,” *Indoor Built Environ.*, vol. 21, no. 6, pp. 772–781, Dec. 2012.
- [10] S. M. C. Magalhães, V. M. S. Leal, and I. M. Horta, “Modelling the relationship between heating energy use and indoor temperatures in residential buildings through Artificial Neural Networks considering occupant behavior,” *Energy Build.*, vol. 151, pp. 332–343, Sep. 2017.
- [11] M. Soleimani-Mohseni, B. Thomas, and P. Fahlén, “Estimation of operative temperature in buildings using artificial neural networks,” *Energy Build.*, vol. 38, no. 6, pp. 635–640, Jun. 2006.
- [12] M. Soleimani-Mohseni, B. Thomas, and P. Fahlén, “Estimation of operative temperature in buildings using artificial neural networks,” *Energy Build.*, vol. 38, no. 6, pp. 635–640, Jun. 2006.
- [13] T. Lu and M. Viljanen, “Prediction of indoor temperature and relative humidity using neural network models: model comparison,” *Neural Comput. Appl.*, vol. 18, no. 4, pp. 345–357, May 2009.

- [14] L. Mba, P. Meukam, and A. Kemajou, "Application of artificial neural network for predicting hourly indoor air temperature and relative humidity in modern building in humid region," *Energy Build.*, vol. 121, pp. 32–42, Jun. 2016.
- [16] B. Thomas and M. Soleimani-Mohseni, "Artificial neural network models for indoor temperature prediction: investigations in two buildings," *Neural Comput. Appl.*, vol. 16, no. 1, pp. 81–89, Oct. 2006.
- [17] C. Buratti, E. Lascaro, D. Palladino, and M. Vergoni, "Building Behavior Simulation by Means of Artificial Neural Network in Summer Conditions," *Sustainability*, vol. 6, no. 8, pp. 5339–5353, Aug. 2014.
- [18] H. Pombeiro, R. Santos, P. Carreira, C. Silva, and J. M. C. Sousa, "Comparative assessment of low-complexity models to predict electricity consumption in an institutional building: Linear regression vs. fuzzy modeling vs. neural networks," *Energy Build.*, vol. 146, pp. 141–151, Jul. 2017.
- [19] Y. T. Chae, R. Horesh, Y. Hwang, and Y. M. Lee, "Artificial neural network model for forecasting sub-hourly electricity usage in commercial buildings," *Energy Build.*, vol. 111, pp. 184–194, Jan. 2016.
- [20] Xinxing Pan, B. Lee, and Chunrong Zhang, "A comparison of neural network backpropagation algorithms for electricity load forecasting," 2013, pp. 22–27.
- [21] H. Kaur and D. S. Salaria, "Bayesian Regularization Based Neural Network Tool for Software Effort Estimation," p. 7, 2013.
- [22] K. C. Parsons, "Human Thermal Environments," p. 560.
- [23] J. P. Holman, *Heat Transfer*, 10th ed. New York, USA: McGraw-Hill, 2012.
- [24] "Refrigeration & Air Conditioning." EE IIT Kharagpur, India, 2008., 2008.
- [25] A. Bhatia, "HVAC Cooling Load Calculations and Principles." PDH Online, 2012.
- [26] F. Peterson, *Climate Calculations. Department of Heating and Ventilation Royal Institute of Technology, Stockholm.* .
- [27] J. J. Siang, *Jaringan Syaraf Tiruan dan Pemrogramannya Menggunakan MATLAB*, II. Yogyakarta: Penerbit ANDI, 2009.
- [28] D. Puspitaningrum, *Jaringan Saraf Tiruan*, 1st ed. Yogyakarta: Penerbit ANDI, 2006.
- [29] H. Demuth and M. Beale, "Neural Network Toolbox User's Guide Version 4," *Math Works Inc Natick MA USA*, pp. 5–22, 2000.
- [30] H. Okut, D. Gianola, G. J. M. Rosa, and K. A. Weigel, "Prediction of Body Mass Index in Mice Using Dense Molecular Markers and A Regularized Neural Network," *Genet Res Camb*, vol. 93, pp. 189–201, 2011.
- [31] C. M. Bishop and M. E. Tipping, "A hierarchical latent variable model for data visualization," *IEEE Trans Pattern Anal Mach Intell*, vol. 20, pp. 281–293, 1998.
- [32] F. Burden and D. Winkler, "Bayesian regularization of neural networks," *Methods Mol Biol*, vol. 458, pp. 25–44, 2008.
- [33] T. Marwalla, "Bayesian training of neural networks using genetic programming," *Pattern Recognit Lett*, vol. 28, pp. 1452–1458, 2007.
- [34] D. M. Titterington, "Bayesian methods for neural networks and related models," *Stat.Sci*, vol. 19, pp. 128–139, 2004.

- [35] M. Kayri, “Predictive Abilities of Bayesian Regularization and Levenberg–Marquardt Algorithms in Artificial Neural Networks: A Comparative Empirical Study on Social Data,” *Math. Comput. Appl.*, vol. 21, no. 2, p. 20, May 2016.
- [36] F. Dan Foresee and M. T. Hagan, “Gauss-Newton approximation to Bayesian learning,” 1997, vol. 3, pp. 1930–1935.
- [37] Zhao Yue, Zhao Songzheng, and Liu Tianshi, “Bayesian regularization BP Neural Network model for predicting oil-gas drilling cost,” 2011, pp. 483–487.
- [38] “ANSYS FLUENT 12.0 User’s Guide - 26.9.1 Initializing the Entire Flow Field.” [Online].
Diakses:<http://www.afs.enea.it/project/neptunius/docs/fluent/html/ug/node800.htm>. [Accessed: 14-Jul-2018].
- [39] C. Buratti, M. Vergoni, and D. Palladino, “Thermal Comfort Evaluation Within Non-residential Environments: Development of Artificial Neural Network by Using the Adaptive Approach Data,” *Energy Procedia*, vol. 78, pp. 2875–2880, Nov. 2015.
- [40] X. Lü, T. Lu, C. J. Kibert, and M. Viljanen, “Modeling and forecasting energy consumption for heterogeneous buildings using a physical–statistical approach,” *Appl. Energy*, vol. 144, pp. 261–275, Apr. 2015.
- [41] W. Zhang, L. Lu, J. Peng, and A. Song, “Comparison of the overall energy performance of semi-transparent photovoltaic windows and common energy-efficient windows in Hong Kong,” *Energy Build.*, vol. 128, pp. 511–518, Sep. 2016.