

## DAFTAR PUSTAKA

- [1] Philomena M. Bluysen. *The Indoor Environment Handbook: How to Make Building Healthy and Comfortable*. Earthscan, London, 2009.
- [2] David Heinzerling, Stefano Schiavon, Tom Webster dan Ed Arens. “Indoor Environmental Quality Assessment Models: A Literature Review and a Proposed Weighting and Classification Scheme”. *Building and Environment*, 70:210–222, 2013.
- [3] Edward Guillén, Jeisson Sánchez dan Carlos O. Ramos. “A Model to Evaluate the Performance of IoT Applications”. *Proceedings of the International MultiConference of Engineers and Computer Scientists Vol 1*, Hong Kong, 12 – 17 Maret 2017.
- [4] Duwaraka Yoganathan, Sekhar Kondepudi, Balaji Kalluri dan Sumanth Manthapuri. “Optimal Sensor Placement Strategy for Office Buildings Using Clustering Algorithms”. *Energy and Building*, 158:1206–1225, 2018.
- [5] Akram Syed, Zachary Zanzinger, Deion Debose dan Brent Stephens. “Open Source Building Science Sensors (OSBSS): A Low Cost Arduino Based Platform for Long Term Indoor Environmental Data Collection”. *Building and Environment*, 100:114–126, 2016.
- [6] Yasen S. Kalinin, Edy K. Velikov dan Valentina I. Markova. “Design for Indoor Environment Monitoring System Using Arduino”. *International Journal of Innovative Science and Modern Engineering*, 3:46–49, 2015.
- [7] Massimiliano Scarpa, Rocco Ravagnin, Luigi Schibuola dan Ciara Tambani. “Development and Testing of a Platform Aimed at Pervasive Monitoring of Indoor Environment and Building Energy”. *72<sup>nd</sup> Conference of the Italian Thermal Machines Engineering Association*, Lecce, 6 – 8 September 2017.
- [8] Ming Jin, Shichao Liu, Stefano Schiavon dan Costas Spanos. “Automated mobile sensing: Towards high-granularity agile indoor environmental quality monitoring”. *Building and Environment*, 127:268–276, 2018.
- [9] Majid Karami, Gabrielle V. McMorrow dan Liping Wang. “Continuous Monitoring of Indoor Environmental Quality using an Arduino-based Data Acquisition”. *Journal of Building Engineering*, In press.
- [10] Chao-Tung Yang, Shuo-Tsung Chen, Walter Den, Yun-Ting Wang dan Endah Kristianti. “Implementation of an Intelligent Indoor Environmental Monitoring and Management System in Cloud”. *Future Generation Computer Systems*, In press.

- [11] Pedro Morillo, Juan M. Ordu na, Marcos Fernández dan Inmaculada García-Pereira. “Comparison of WSN and IoT Approaches for a Real-time Monitoring System of Meam Distribution Trolleys: A Case Study”. *Future Generation Computer Systems*, 87:242–250, 2018.
- [12] Gustavo A. da Costa dan Joao H. Kleinschmidt. “Implementation of a Wireless Sensor Network Using Standardized IoT Protocols”. *IEEE International Symposium on Consumer Electronics*, Nevada, 7 – 11 Januari 2016.
- [13] Tobias Frankiewicz, Meike Möckel dan Frank Köster. “Measurement and Evaluation of Communicarion parameters on a Vehicle-to-Infrastructure Communication Test Site”. *International Conference on Connected Vehicles and Expo*, Braunschweig, 2014.
- [14] Piyush Yadav, Rajeev Agrawal dan Komal Kahish. “Performance Evaluation of ad hoc Wireless Local Area Network in Telemedicine Applications”. *Procedia Computer Science*, 125:267–274, 2018.
- [15] Hemang Shah dan Rajesh Bansode. “Performance Evaluation and Measurement for Energy Efficient Wireless Network”. *Procedia Computer Science*, 79:971–977, 2016.
- [16] Mauro A.A. da Cruz, Joel J.P.C. Rodrigues, Arun K. Sangaiah dan Jalal Al-Muhtadi. “Performance Evaluation of IoT middleware”. *Network and Computer Applications*, 100:53–65, 2018.
- [17] Joo-Ho Choi, Vivian Loftness dan Azizan Aziz. “Post-occupancy Evaluation of 20 Office Buildings as Basis for Future IEQ Standards and Guidelines”. *Energy and Buildings*, 46:167–175, 2012.
- [18] ANSI/ASHRAE Standard 55-2013: *Thermal Environmental Conditions for Human Occupancy*. ASHRAE, Atlanta, 2013.
- [19] Michael Stiller. *Quality Lighting for High Performance Buildings*. The Fairmont Press, Lilburn, 2012.
- [20] Davic L. Dilaura, Kevin W. Houser, Richard G. Mistrick dan Gary R. Stefy. *The Lighting Handbook, Tenth Edition*. Illuminating Engineering Society of North America, New York, 2011.
- [21] *Indoor Air Quality Guide: Best Practices for Design, Construction, and Comissioning*. ASHRAE, Atlanta, 2009.
- [22] H.E. Burroughs dan Shirley J. Hansen. *Managing Indoor Air Quality, Fifth Edition*. The Fairmont Press, Lilburn, 2011.
- [23] James P. Cowan. *The Effects of Sound on People*. John Wiley & Sons, Chichester, 2016.

- [24] John E. K. Foreman. *Sound Analysis and Noise Control*. Van Nostrand Reinhold, New York, 1990.
- [25] *Guidelines for Community Noise*. World Health Organization, Geneva, 1999.
- [26] Kathleen Hess-Kosa. *Indoor Air Quality: Sampling Methodologies*. CRC Press LLC, Boca Raton, 2002.
- [27] *CO2 Sensor Location: Where to Mount Your CO2 IAQ Monitor*. CO2 Meter, 2012. Diakses dari <https://www.co2meter.com/blogs/news/6056206-co2-sensor-location-where-to-mount-your-co2-iaq-monitor>, 3 September 2018.
- [28] *Noise Measurement Manual*. The State of Queensland, Queensland, 2013.
- [29] *Noise Measurement Procedures Manual, Second Edition*. Department of Environment Tasmania, Tasmania, 2008.
- [30] Robert S. Simpson. *Lighting Control Technology and Applications*. Focal Press, Burlington, 2003.
- [31] Craig DiLouie. *Lighting Controls Handbook*. The Fairmont Press, Lilburn, 2008.
- [32] David Hanes, Gonzalo Salgueiro, Patrick Grossete, Robert Barton dan Jerome Henry. *IoT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things*. Cisco Press, Indianapolis, 2017.
- [33] Peter Waher. *Learning Internet of Things*. Packt Publishing, Birmingham, 2015.
- [34] Georgios Keramidas, Nikolaos Voros dan Michael Hübner. *Components and Services for IoT Platforms*. Springer International Publishing, Bochum, 2017.
- [35] Anna Gerber. *Simplify the Development of your IoT solutions with IoT architectures*. IBM Corporation, 2017. Diakses dari <https://www.ibm.com/developerworks/library/iot-lp201-iot-architectures/index.html>, 3 September 2018.
- [36] Jim Geier. *Designing and Deploying 802.11n Wireless Networks*. Cisco Press, Indianapolis, 2010.
- [37] Mohammed M. Alani. *Guide to OSI and TCP/IP Models*. Springer, Muscat, 2014.
- [38] *300Mbps Wireless N Router TL-WR841N*. TP-Link Technologies. Diakses dari <https://www.tp-link.com/us/products/details/TL-WR841N.html>, 19 Oktober 2018.
- [39] *ESP8266EX Datasheet*. Espressif Inc., Shanghai, 2018.

- [40] *ESP-12E WiFi Module*. AI-Thinker, Guangdong, 2015.
- [41] Marco Schwartz. *Internet of Things with ESP8266*. Packt Publishing, Birmingham, 2016.
- [42] REES52. *ESP8266 NodeMcu WiFi Development Board*. Amazon. Diakses dari <https://www.amazon.in/ESP8266-NodeMcu-WiFi-Development-Board/dp/B00UY8C3N0>, 19 Oktober 2018.
- [43] Samisa Abeysinghe. *RESTful PHP Web Services*. Packt Publishing, Birmingham, 2008.
- [44] Roy Thomas Fielding. *Architectural Styles and the Design of Network-based Software Architectures*. Disertasi, University of California, Irvine, 2000.
- [45] Leonard Richardson dan Sam Ruby. *RESTful Web Services*. O'Reilly Media, Sebastopol, 2007.
- [46] Ivan Salvadori dan Frank Siqueira. "A Maturity Model for Semantic RESTful Web APIs". *IEEE International Conference on Web Services*, New York, 27 Juni – 2 Juli 2015.
- [47] Lorna Jane Mitchell. *PHP Web Services*. O'Reilly Media, Sebastopol, 2013.
- [48] Teemu Kanstrén, Jukka Mäkelä dan Pekka Karhula. "Architectures and Experiences in Testing IoT Communications". *IEEE International Conference on Software Testing, Verification, and Validation Workshops*, Vasteras, 9 – 13 April 2018.
- [49] Abdalfettah Belghith, Rafâa Tahar dan Rafik Braham. "Enhancing QoS parameters using an IEEE 802.11 multi-interface based wireless distribution system (MI-WDS)". *Global Information Infrastructure Symposium*, Hammamet, 23 – 26 April 2009.
- [50] Hyunsu Mun dan John Springer. "Analysis of the Relationship Between Server Location and RTT". *IEEE International Conference on Computer Software and Application*, Tokyo, 23 – 27 July 2018.
- [51] Aura Ganz, Zvi Ganz dan Kittu Wongthavarawat. *Multimedia Wireless Networks: Technologies, Standards, and QoS*. Prentice Hall PTR, New Jersey, 2003.
- [52] Abdollah Ghasemi, Ali Abedi dan Farshid Ghasemi. *Propagation Engineering in Radio Links Design*. Springer, New York, 2013.
- [53] Jari Korhonen dan Ye Wang. "Effect of Packet Size on Loss Rate and Delay in Wireless Links". *IEEE Wireless Communications and Networking Conference*, New Orleans, 13 – 17 Maret 2005.

- [54] William Navidi. *Statistics for Engineers and Scientists, Third Edition*. McGraw-Hill, New York, 2011.
- [55] Ernesto Diaz Kizano Patino dan Jeffrey A. Siegel. “Indoor environmental quality in social housing: A literature review”. *Building and Environment*, 131:231–241, 2018.
- [56] David L. Johnson, Robert A. Lynch, Evan L. Floyd, Jun Wang dan Jacob N. Bartels. “Indoor Air Quality in Classrooms: Environmental and Effective Ventilation Rate Modeling in Urban Elementary Schools”. *Building and Environment*, In press.
- [57] Arindam Datta, R. Suresh, Akansha Gupta, Damini Singh dan Priyanka Kulshrestha. “Indoor air quality of non-residential urban buildings in Delhi, India”. *International Journal of Sustainable Built Environment*, 6:412–420, 2017.
- [58] Lisa Sullivan. *Nonparametric Test*. Boston University School of Public Health. Diakses dari [http://sphweb.bumc.bu.edu/otlt/MPH-Modules/BS/BS704\\_Nonparametric/BS704\\_Nonparametric\\_print.html](http://sphweb.bumc.bu.edu/otlt/MPH-Modules/BS/BS704_Nonparametric/BS704_Nonparametric_print.html), 8 Oktober 2018.