



DAFTAR PUSTAKA

- [1] W. Cao and Q. Meng, "Based on PLC temperature PID - fuzzy control system design and simulation," in *Information Networking and Automation (ICINA), 2010 International Conference on*, 2010, pp. V2-417-V2-421.
- [2] Y. Zhou, G-l. Wang, P. Yang, and D.-Q. Kang, "Fuzzy Immune Adaptive PID Control for Fermentation Process," in *Intelligent Information Technology Application, 2008. IITA '08. Second International Symposium on*, 2008, pp. 678-682.
- [3] X. Keming, H. Wei, and X. Jun, "Superheated Steam Temperature Cascade Control System Based on Fuzzy-Immune PID," in *Fuzzy Systems and Knowledge Discovery, 2007. FSKD 2007. Fourth International Conference on*, 2007, pp. 624-628.
- [4] G Jun-Jie, Z. Yan-Juan, and G Da-Ming, "Application of Nonlinear PID Controller in Main Steam Temperature Control," in *Power and Energy Engineering Conference, 2009. APPEEC 2009. Asia-Pacific*, 2009, pp. 1-5.
- [5] J. Lei, "Adaptive Fuzzy PID Control for Boiler Deaerator," in *Industrial Control and Electronics Engineering (ICICEE), 2012 International Conference on*, 2012, pp. 575-578.
- [6] S. Xue-Ling, L. Chao-Ying, S. Zhe-Ying, and S. Xue-Fen, "Robust PID control for steam superheater," in *Machine Learning and Cybernetics, 2004. Proceedings of 2004 International Conference on*, 2004, pp. 988-991 vol.2.
- [7] P. Ramanathan, K. C. Sukanya, S. Mishra, and S. Ramasamy, "Study on Fuzzy Logic and PID Controller for temperature regulation of a system with time delay," in *Energy Efficient Technologies for Sustainability (ICEETS), 2013 International Conference on*, 2013, pp. 274-277.
- [8] S. Dequan, G Guili, G Zhiwei, and X. Peng, "Application of Expert Fuzzy PID Method for Temperature Control of Heating Furnace," *Procedia Engineering*, vol. 29, pp. 257-261, // 2012.
- [9] D. Zhixue, S. Yila, and Y. Xiangyong, "Temperature Control System of the Thermal Analyzer Based on Fuzzy PID Controller," in *Hybrid Intelligent Systems, 2009. HIS '09. Ninth International Conference on*, 2009, pp. 58-61.
- [10] X.-k. Wang, S.-x. Zai, Z.-l. Sun, and S.-c. Guo, "Design and research of heating furnace fuzzy control system based on PIC16F877 MCU," in *Advanced Computer Theory and Engineering (ICACTE), 2010 3rd International Conference on*, 2010, pp. V4-174-V4-176.
- [11] L. Zhi-Bin, "Application of Self Adaptation Fuzzy-PID Control for Main Steam Temperature Control System in Power Station," in *Machine Learning and Cybernetics, 2007 International Conference on*, 2007, pp. 731-734.
- [12] W. Huang and J. Li, "Design of the Temperature Control System Based on AT89S51," in *Information Technology and Applications (IFITA), 2010*



- International Forum on*, 2010, pp. 63-66.
- [13] L. Zhuanzhao, H. Xuling, and L. Xiao, "Study on fuel oil temperature PID control system and simulation," in *Consumer Electronics, Communications and Networks (CECNet), 2012 2nd International Conference on*, 2012, pp. 2897-2900.
- [14] G. Kaur, A. Chauhan, and P. V. Subramanyam, "Fuzzy logic based temperature controller," in *Granular Computing, 2005 IEEE International Conference on*, 2005, pp. 492-495 Vol. 2.
- [15] S. Mohamad, A. A. Ishak, S. Aishah, and S. A. Kadir, "Design of fuzzy logic controller for overdamped temperature response of a process air heater system," in *Modeling, Simulation and Applied Optimization (ICMSAO), 2011 4th International Conference on*, 2011, pp. 1-4.
- [16] R. Zhou, H. Xu, and Z. Wang, "Design of Fuzzy Temperature Control System Based on FPGA," in *Control, Automation and Systems Engineering (CASE), 2011 International Conference on*, 2011, pp. 1-4.
- [17] H. Zhang, Z. Cai, and Y. Li, "Fuzzy control strategies for temperature of hot-water based on PLC system," in *Industrial and Information Systems (IIS), 2010 2nd International Conference on*, 2010, pp. 57-60.
- [18] W. Jiang and X. Jiang, "Design of an Intelligent Temperature Control System Based on the Fuzzy Self-Tuning PID," *Procedia Engineering*, vol. 43, pp. 307-311, // 2012.
- [19] J. Jiang and X. Zhang, "Research on Fuzzy-PID control algorithm from the temperature control system," in *Computer Science and Information Technology (ICCSIT), 2010 3rd IEEE International Conference on*, 2010, pp. 152-155.
- [20] T. Instruments, "LM35 Precision Centigrade Temperature Sensors," T. Instruments, Ed., ed. Dallas: Texas Instrument, 2015.
- [21] N. Instruments, "Low-Cost, Bus-Powered Multifunction DAQ for USB – 12-or 14-Bit, up to 48 kS/s, 8 Analog Inputs," N. Instruments, Ed., ed: National Instruments, 2008.
- [22] S. K. Bhattacharya and B. S. K, *Control Systems Engineering*: Dorling Kindersley, 2009.