

- [11] Greeshma Sarah John, Abhilash T Vijayan, "Anti-Windup PI Controller for Speed Control of Brushless DC Motor," *International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI)*, 2017, p. 1068.
- [12] Dileep Kumar, R.A. Gupta, Nitin Gupta, "Minimization of Current Ripple and Overshoot in Four Switch Three-Phase Inverter fed BLDC Motor using Tracking Anti-windup PI Controller," *IEEE Transactions on Power Electronics*, 2017.
- [13] Piush Kumar, Vineeta Agarwal, "A Study of Conventional and Fuzzy PI Controller CSI Fed Induction Motor," *IEEE Transactions on Power Electronics*, 2010.
- [14] Bapayya Naidu Kommula, Venkata Reddy Kota, "Performance Evaluation of Hybrid Fuzzy PI Speed Controller for Brushless DC Motor for Electric Vehicle Application," *Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)*, 2015, p. 266.
- [15] Novie Ayub Windarko, Ony Asrarul Qudsi, Anang Tjahjono, Dimas Okky A, Mauridhi Hery Purnomo, "Optimized PI Constant for Current Controller of Grid Connected Inverter with LCL Filter Using Genetic Algorithm," *Makassar International Conference on Electrical Engineering and Informatics (MICEED)*, 2014, p. 9.
- [16] CAO Fengwen, WANG Yiwang, "Study and Application of Fuzzy PID Control-Based for FFU Motor Speed Regulation Control System," *IEEE International Electric Machines & Drives Conference (IEMDC)*, 2011, p. 160.
- [17] WU Zhenlong, LI Donghai, WANG Lingmei, "Control of the Superheated Steam Temperature: A Comparison Study between PID and Fractional Order PID Controller," *Proceedings of the 35th Chinese Control Conference*, 2016, p. 10521.
- [18] Arman Jaya, Era Purwanto, Melinda Badriatul Fauziah, Farid Dwi Murdianto, Gigih Prabowo, Muhammad Rizani Rusli, "Design of PID-Fuzzy for Speed Control of Brushless DC Motor in Dynamic Electric Vehicle to Improve Steady-State Performance," *International Electronics Symposium on Engineering Technology and Application (IES-ETA)*, p. 179, 2017.
- [19] Rinki Maurya, Manisha Bhandari, "Design of Optimal PID (FOPID) controller for Linear system," *International Conference on Micro-Electronics and Telecommunication Engineering*, 2016, p. 439.
- [20] Zhenbo Pan, Fei Dong, Jiwen Zhao, Lijun Wang, Hui Wang, Yinyi Feng, "Combined Resonant Controller and Two-Degree-of-Freedom PID Controller for PMLSM Current Harmonics Suppression," *IEEE Transactions on Industrial Electronics*, 2017.
- [21] Wang Xin, Li Ran, Wang Yanghua, Peng Yong, Qin Bin, "Self-tuning PID Controller with Variable Parameters Based on Particle Swarm Optimization," *Third International Conference on Intelligent System Design and Engineering Application*, 2013, p. 1264.
- [22] S. Janarthanan, K.N.Thirukkuralankani, S.Vijayachitra, "Performance Analysis of Non-Integer Order PID Controller for Liquid Level Control of Conical Tank System," *ICICES2014-S.A.Engineering College, Chennai, Tamil Nadu, India*, 2014.
- [23] Renny Rakhmawati, Suhariningsih, Farid Dwi Murdianto, Janitra Hilmyvarafi Farrasbyan, "Performance Robustness of PID Controller in Buck Converter for Cooling System," *International Seminar on Application for Technology of Information and Communication (iSemantic)*, p.127, 2018.
- [24] Samart Singh, R. Mitra, "Comparative Analysis of Robustness of Optimally Offline Tuned PID Controller and Fuzzy Supervised PID Controller," *Proceedings of 2014 RA ECS UIET Panjab University Chandigarh*, 2014.
- [25] Rohit Bhimte, Kalyani Bhole, Pritesh Shah, "Fractional order fuzzy PID Controller for a rotary servo system," *Proceedings of the 2nd International Conference on Trends in Electronics and Informatics (ICOEI)*, 2018, P. 538.
- [26] D K Sambariya, R. Prasad, D. Birla, "Design and Performance Analysis of PID based Controller for SMIB Power System using Firefly Algorithm," *Proceeding of 2015 RA ECS UIET Panjab University Chandigarh*, 2015.
- [27] K. Sundaravadivu, B.Arun, K. Saravanan, "Design of Fractional Order PID Controller for Liquid Level Control of Spherical Tank," *IEEE International Conference on Control System, Computing and Engineering*, 2011, p. 291.
- [28] Indhana Sudiharto, Epyk Sunarno, Farid Dwi Murdianto, Desy Nanda Kurniasari, "Robustness Analysis of PID Controller to Constant Output Power with Dynamic Load Condition in DC Nanogrid System," *3rd International Conference on Information Technology, Information Systems and Electrical Engineering (ICITISEE)*, Yogyakarta, Indonesia, 2018, p. 402.
- [29] Moh. Zaenal Efendi, Farid Dwi Murdianto, Hayat Nur Baweani, "Robustness Analysis of PID-Cuckoo Search Algorithm to Voltage Control in Three Phase of Synchronous Generator with Dynamic Load Condition," *International Electronics Symposium on Engineering Technology and Applications (IES-ETA)*, p. 133, 2018.
- [30] Vimala Vindhya, Venkat Reddy, "PID-Fuzzy Logic Hybrid Controller for a Digitally Controlled DC-DC Converter," *International Conference on Green Computing, Communication and Conservation of Energy (ICGCE)*, 2013, p. 362.
- [31] Reza Sedagheh Maskan Sadigh, "Optimizing PID Controller Coefficients Using Fractional Order Based on Intelligent Optimization Algorithms for Quadcopter," *International Conference on Robotics and Mechatronics (ICRoM)*, 2018, p. 146.
- [32] Dong Hwa Kim, "Tuning of PID Controller For Dead time Process Using Immune Based Multiobjective," *IEEE Mid-Summer Workshop on Soft Computing in Industrial Applications Helsinki University of Technology, Espoo, Finland*, 2005.
- [33] Yan-Jun Wu, Young-Gook Jung, Young-Cheol Lim, "Auto-Tuning Fuzzy PD Control Scheme for Output Voltage Control of Three-phase Z-source Inverter," *IEEE International Symposium on Industrial Electronics*, 2012, p. 222.
- [34] Prashant S Malik, Sujay S Gawas, Imran Altaf Patel, Ninad P Parsekar, dkk, "Transient Response Improvement of DC-to-DC Converter by Using Auto-tuned PID Controller," *Proceedings of the 2nd International Conference on Inventive Communication and Computational Technologies (ICICCT)*, 2018, p. 546.
- [35] Subhash Chander, "Auto-tuned, Discrete PID Controller for DC—DC Converter for fast transient response," *India International Conference on Power Electronics (IICPE)*, 2011.
- [36] Dong Hwa Kim, Won Pyo Hong, Jin ILL Park, "Auto-Tuning of Reference Model Based PID Controller Using Immune Algorithm," *Proceedings of the 2002 Congress on Evolutionary Computation*, 2002.
- [37] Hamed Shahsavari Alavije, Mahdi Akhbar, "Auto-tuning PID Controller for Low-Cost Fault Tolerant Motor Drive of Electric Vehicle," *4th Annual International Power Electronics, Drive Systems and Technologies Conference*, 2013, p. 38.
- [38] Suppachai Howimanporn, Sasithorn Chookaew, Warin Sootkaneung, "Design of PLC for Water Level Control Employing Swarm Optimization-Based PID Gain Scheduling," *International Conference on Control and Robots (ICCR)*, 2018, p. 63.
- [39] Reza Ezuan Samin, Lee Ming Jie, Mohd. Anwar Zawawi, "PID Implementation of Heating Tank in Mini Automation Plant Using Programmable Logic Controller (PLC)," *International Conference on Electrical, Control and Computer Engineering*, 2011.
- [40] Bambang Dwi Argo, Yusuf Hendrawan, Dimas Firmanda Al Riza, Anung Nugroho Jaya Laksono, "Optimization of PID Controller Parameters on Flow Rate Control System Using Multiple Effect Evaporator Particle Swarm Optimization," *International Journal on Advanced Science Engineering Information Technology*, vol. 5: p. 62, 2015.
- [41] Aminurrashid Noordin, Mohd Ariffanan Mohd Basri, Zaharuddin Mohamed, Amar Faiz Zainal Abidin, "Modelling and PSO Fine-tuned PID Control of Quadrator UAV," *International Journal on Advanced Science Engineering Information Technology*, vol. 7: p. 1367, 2017.
- [42] Mahmud Iwan Solihin, Lee Fook Tack, Moey Leap Kean, "Tuning of PID Controller Using Particle Swarm Optimization (PSO)," *Proceeding of the International Conference on Advanced Science, Engineering and Information Technology*, 2011, p. 458.