

2015

- [1] Upadhyay, R., P. K. Padhy, and P. K. Kankar. "Ocular artifact removal from EEG signals using discrete orthonormal stockwell transform." India Conference (INDICON), 2015 Annual IEEE. IEEE, 2015.
- [2] Trivedi, Rishika, P. K. Padhy, and S. K. Jain. "Design of fuzzy PID controller using modified firefly algorithm." Engineering and Systems (SCES), 2015 IEEE Students Conference on. IEEE, 2015.
- [3] Kumari, S., Upadhyay, R., Padhy, P. K., & Kankar, P. K. (2015, September). Application of empirical mode decomposition for feature extraction from EEG signals. In Computer, Communication and Control (IC4), 2015 International Conference on (pp. 1-6). IEEE.
- [4] Shukla, A., H. Goyal, S. Agarwal, S. Nema, and P. K. Padhy. "Path control of mobile robot using Cuckoo-PID." In Computer, Communication and Control (IC4), 2015 International Conference on, pp. 1-5. IEEE, 2015.
- [5] Gupta, A. and Padhy, P.K., 2015, September. New controller design for integrating and unstable delay processes. In Computer, Communication and Control (IC4), 2015 International Conference on (pp. 1-5). IEEE.
- [6] Upadhyay, Raksha, A. Manglick, D. K. Reddy, P. K. Padhy, and P. K. Kankar. "Channel optimization and nonlinear feature extraction for Electroencephalogram signals classification." Computers & Electrical Engineering 45 (2015): 222-234.
- [7] Nema, S. and Kumar Padhy, P., 2015. Identification and cuckoo PI-PD controller design for stable and unstable processes. Transactions of the Institute of Measurement and Control, 37(6), pp.708-720.
- [8] Nema, Swapnil, and Prabin Kumar Padhy. "Identification of two-input two-output process using state-space analysis." IET Control Theory & Applications 9.13 (2015): 2029-2038.
- [9] Nema, Swapnil, and Prabin Kumar Padhy. "MPSO PI-PD controller for SISO processes." In Intelligent Systems and Control (ISCO), 2015 IEEE 9th International Conference on, pp. 1-6. IEEE, 2015.
- [10] Upadhyay, Rahul, Swati Jharia, Prabin Kumar Padhy, and Pavan Kumar Kankar. "Application of wavelet fractal features for the automated detection of epileptic seizure using electroencephalogram signals." International Journal of Biomedical Engineering and Technology 19, no. 4 (2015): 355-372.
- [11] Chaudhary, N., R. Raj, K. Kiran, Swapnil Nema, and Prabin Kumar Padhy. "Design of multivariable PID controller using DE-PSO." International Journal of Automation and Control 9, no. 3 (2015): 173-185.