2021

S. No.	Paper Title
1	Kurnam Gynaneshwar & Prabin Kumar Padhy Robust design of tilted integral derivative controller for non-integer order processes with time delay, IETE Journal of Research. (Accepted), 2021
2	Bharat Verma & Prabin Kumar Padhy Integral-Square-Error Based Normalized Relative Gain Array for the Input-Output Pairing and Equivalent Transfer Function Design of MIMO Processes, IETE Journal of Research, DOI: 10.1080/03772063.2021.1984996, 2021
3	Sharma, S., & Padhy, P. K. An indirect approach for online identification of continuous time?delay systems. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, e2947, 2021.
4	Trivedi, R., Verma, B., & Padhy, P. K. Indirect optimal tuning rules for fractional order proportional integral derivative controller. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 34(2), e2838, 2021.
5	Sudeep Sharma and Prabin K. Padhy, "Indirect Output-error Modeling Scheme for Continuous Processes with Unknown Time Delay using Iterative Instrument Variable Approach", International Journal of Dynamics and Control. (Impact Factor: 2.016)
6	Sudeep Sharma and Prabin K. Padhy, "Extended B-polynomial Neural Network for Time-delayed System", Journal of Intelligent & Fuzzy Systems, vol. 41, no. 2, pp - 3277-3288. (Impact Factor: 1.851)

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S. No.	Paper Title
1	R. Trivedi and P. K. Padhy, "Design of Indirect Fractional Order IMC Controller for Fractional Order Processes," in IEEE Transactions on Circuits and Systems II: Express Briefs, doi: 10.1109/TCSII.2020.3013404, 2020.
2	S. Sharma and P. K. Padhy, "A Novel Iterative System Identification and Modeling Scheme with Simultaneous Time-Delay and Rational Parameter Estimation," in IEEE Access, vol. 8, pp. 64918-64931, 2020, doi: 10.1109/ACCESS.2020.2985132.
3	Rishika Trivedi, Prabin K. Padhy, "Fractional Order Automatic Tuning of $PI^\lambda D$ Controller for Stable Processes" ISA Transactions, Vol 99, 351-360, 2020.
4	Bharat Verma, Prabin K. Padhy, "Robust Fine Tuning of Optimal PID Controller with guaranteed Robustness", IEEE Transaction on Industrial Electronics, VOL. 67, NO. 6, pp. 4911-4920, JUNE 2020.
5	Pragya Joshi and Sachin Kumar Jain, "An improved Active Power Direction Method for Harmonic Source Identification", Transactions of the Institute of Measurement and Control, 42/13, pp - 2569-2577. (Impact Factor: 1.649)