

Indian Journal:

1. K.Vijayakumar, "Enhanced ABC based PID controller for nonlinear control systems", Indian Journal of Science and Technology, Vol. 8, No.48, 2015

International Journal:

2. K.Vijayakumar, "High Performance Model Predictive Controller for Non-Linear Temperature Process", European Journal of Scientific Research, Vol.78 (1), PP.65-73, 2012
3. K.Vijayakumar, "Design of optimum PID controller for Nonlinear process using Evolutionary Algorithms", Journal of Theoretical and Applied Information Technology, Vol.69 (3), 2014
4. K.Vijayakumar, "Least Square Support Vector Machine based Neural Network Predictive Controller for Non-Linear Process", International Journal of Applied Engineering Research, Vol.9 (22), PP.2341-12352, 2014
5. K.Vijayakumar, "Design of Soft Computing Based Nonlinear Model Predictive Controller for the CSTR Process", World Engineering & Applied Sciences Journal, Vol.6 (1), PP.32-40, 2015
6. K.Vijayakumar, "Nonlinear PID Controller Parameter Optimization using Enhanced Genetic Algorithm for Nonlinear Control System", Journal of Control Engineering and Applied Informatics, Vol.18 (2), PP.3-10, 2016
7. K.Vijayakumar, "Design of Optimized Nonlinear Controller for CSTR Process", Asian Journal of Research in Social Sciences and Humanities, vol.6 (8), PP.2448-2460, 2016.
8. K.Vijayakumar, "Adaptive Tuned Controller Parameters for Non-Linear Tanks", International Journal of Innovative Technology and Exploring Engineering' at Volume-8 Issue-9, July 2019.
9. K.Vijayakumar, S.Saju, "Stochastic Optimization Technique for Digital Image Watermarking", *Journal of Information and Computational Science*, ISSN: 1548-7741, Vol.9, No.10, 2019
10. L.Jayaraman, K.Vijayakumar, "Implementation of ILC based Gain Scheduled PID controller for Non-linear spherical tank level process", International journal of pure and applied mathematics, Vol.118, No.18, 2018, pp.4637-4644.
11. P.Kathirvel, K.Vijayakumar, "Simulated Annealing Based voltage source inverter design for harmonic mitigation", International journal of Innovative research and advanced studies", Vol.4, No.2, 2017.

12. K.Vijayakumar, P.Kathirvel, "Analysing the performance of cascaded H-Bridge multilevel inverter with three phase multiwinding transformer and single phase supply" IOP conference series, Materials science and Engineering, 2020