

Name : Dr. K. Ramakrishnan
Designation: Associate Professor
Department: Electrical and Electronics Engineering
Address : Pondicherry Engineering College
Mobile : 9443498115
E-mail: ramakrishnan@pec.edu

1. Internet of Things in smart technologies for sustainable urban development, GR Kanagachidambaresan, R Maheswar, V Manikandan, K Ramakrishnan, Springer Nature,2020/4/29.
2. Stability analysis of networked micro-grid load frequency control system, K Ramakrishnan, D Vijeswaran, V Manikandan, The Journal of Analysis,2019/6,27,2,567-581.
3. Impact of gain and phase margins on stability of networked micro-grid frequency control system,K Ramakrishnan, N Swarnalakshmi,2018 4th International Conference on Electrical Energy Systems (ICEES),Pages,126-132,IEEE.
4. Internet of Things in Smart Technologies for Sustainable Urban Development,K Ramakrishnan, V Manikandan, R Maheswar, GR Kanagachidambaresan, Springer International Publishing,2020.
5. LMI based stability analysis of non-linearly perturbed DC motor speed control system with constant and time-varying delays, V Venkatachalam, D Prabhakaran, M Thirumarimurugan, International Journal of Power Electronics 10 (1-2), 1-17 4,2019.
6. An improved stability result for linear time-delay system using a new Lyapunov–Krasovskii functional and extended reciprocally convex inequality, M Venkatesh, S Patra, K Ramakrishnan, G Ray,International Journal of Systems Science 49 (12), 2586-2600 4,2018
7. Fuzzy logic-based multi-level shunt active power filter for harmonic reduction,S Elango, R Subramanian, V Manikandan, K Ramakrishnan, International Journal of Operational Research 39 (1), 95-115 1,2020.
8. Stability analysis of network controlled Micro-Grid systems with communication delays and nonlinear perturbations,D Vijeswaran, K Ramakrishnan, V Manikandan, TM Mohan,2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP).
9. Delay-dependent stability analysis of damping compensated generator-excitation control system,K Ramakrishnan,2017 International Conference on Power and Embedded Drive Control (ICPEDC),410-414.
10. Delay-dependent Stability of generator-excitation control system using root-locus approach, K Ramakrishnan,2017 Trends in Industrial Measurement and Automation (TIMA), 1-6,1.
11. Delay Margin Computation of Networked Load Frequency Control Systems with Demand Response and Electric Vehicle Aggregator,A Jawahar, K Ramakrishnan,Advances in Mechanics 9 (3), 1867-1880,2021.

12. Lyapunov Stability Analysis of Load Frequency Control Systems with Communication Network Induced Time-Delays and EV Aggregator, BSS Rithigaa, K Vamshi, A Jawahar, K Ramakrishnan, 2021 9th IEEE International Conference on Power Systems (ICPS), 1-6
13. Stability Analysis Of Load Frequency Control Systems With Demand Response And Network Induced Communication Delays, A Jawahar, K Ramakrishnan, Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology 53,12,28-37, 2021/12/15.
14. Further Improvement in Stability and Stabilization Margin of Micro-grid Load Frequency Control System with Constant Communication Delays, A Jawahar, K Ramakrishnan, Proceedings of Symposium on Power Electronic and Renewable Energy Systems Control, 185-194, 2021.
15. Stability analysis of damping compensated generator-excitation control system with time-varying delays, K Ramakrishnan International Journal of Systems, Control and Communications 11 (4), 416-432, 2020.
16. Delay-dependent stability of pitch control system in a large wind turbine plant, K Ramakrishnan IFAC-PapersOnLine 53 (1), 344-349, 2020.