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List of Publications:

1. A Ghosh and S. S. Dash et al., Modified Differential Evolution With Distance-based Selection for Continuous Optimization in Presence of Noise, IEEE Access, November, VOLUME 5, 2017 pp 26944- 26964.
2. Rajesh, K. S., S. S. Dash, and Ragam Rajagopal. "Hybrid improved firefly-pattern search optimized fuzzy aided PID controller for automatic generation control of power systems with multi-type generations." *Swarm and Evolutionary Computation* (2018).
3. Sivalingam, Raghuraman, Subramani Chinnamuthu, and Subhransu Sekhar Dash. "A modified whale optimization algorithm-based adaptive fuzzy logic PID controller for load frequency control of autonomous power generation systems." *Automatika* 58, no. 4 (2017): 410-421.
4. N Kalairasi and S.S dash et al. "Maximum Power Point Tracking Implementation by Dspace Controller Integrated Through Z-Source Inverter Using Particle Swarm Optimization Technique for Photovoltaic Applications ", Journal of applied science, SCI , Vol 8, I , B 1-E 18
5. Sivalingam, R, chinnamuthu. S. and Subhransu sekhar Dash,"A hybrid stochastic fractal search and local unimodal sampling based multistage PDF plus (1 + PI) controller for automatic generation control of power systems" Journal of the Franklin Institute Volume 354, Issue 12, August 2017, Pages 4762-4783
6. J. Preetha Roselyn*, D. Devaraj, and Subhransu Sekhar Dash" Voltage-based reactive power pricing in deregulated environment using hybrid multi-objective particle swarm optimization, International Journal of Ambient Energy 25 March 2017, Pages 1-12
7. K.S.Rajesh and Subhransu Sekhar Dash et al "Design of single phase inverter with improved MPPT and optimized control for solar photovoltaic " Journal of Computational and Theoretical Nanoscience Volume 14, Issue 3, March 2017, Pages 1390-1399
8. Manoharan, S S Dash , Rajesh K.S. and Panda S. " Automatic generation control by hybrid invasive weed optimization and pattern search tuned 2-DOF PID controller" International Journal of Computers, Communications and Control Volume 12, Issue 4, 2017, Pages 533-549
9. V. Jaikrishna, Subhansu Sekhar Dash, Linss T. Alex & R. Sridhar "Investigation on modular flyback converters using PI and fuzzy logic controllers" Pages 1-9, Published : Jul 2017, Journal of Ambient energy.

10. K.S.Rajesh and Subhransu Sekhar Dash et al.” A review on control of AC Microgrid” Renewable and Sustainable Energy Reviews, Elsevier 2017,71, pp 814-819
11. Ganesan, E., Dash, S.S.”Modelling. Control and Power management for a grid integrated photo voltaic, fuel cell and wind hybrid system “(2016) Turkish Journal of Electrical Engineering and Computer Sciences, Volume 24, Issue 6, 2016, Pages 4804-4823
12. Harish Kiran and Subhransu Sekhar dash et.al. “ Performance of two modified optimization techniques for power system voltage stability problems” Alexandria Engineering Journal, Elsevier publication, volume 55, issue 3, September 2016, pages 2525-2539
13. R Sridhar and Subhransu Sekhar Dash et.al” A new maximum power tracking in PV system during partially shaded conditions based on shuffled frog leap algorithm new maximum” Journal of Experimental and theoretical Artificial intelligence” Taylor and Francis 29(3), pp. 481-493
14. ”R Sridhar and Subhransu Sekhar Dash et.al “R Sridhar and Subhransu Sekhar Dash et.al.” A dodging algorithm to reconfigure photovoltaic array to negate partial shading effect” Progress in photovoltaics Research and applications, John Wiley Vol.24, issue 2, Feb 2016, pp 200-210
15. S. Panda, Subhransu Sekhar Dash and et. al. “A PD-type Multi Input Single Output SSSC damping controller design employing hybrid improved differential evolution-pattern search approach” , Applied Soft Computing Journal , Elsevier Volume 32, 1 July 2015, Pages 532-543
16. Ponnusamy M, Subhransu Sekhar Dash and et. al ., “Design of integral controller for Load Frequency Control of Static Synchronous Series Compensator and Capacitive Energy Source based multi area system consisting of diverse sources of generation employing Imperialistic Competition Algorithm” International Journal of Electrical Power and Energy Systems , Elsevier Volume 73, 26 June 2015, Pages 863-871
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