International Journal of Control Theory and Applications

329

Volume 8, Number 1, January-June 2015

329	
Contents Ways Congrator Using CMOS DCCII	
	-1-11
V. Vijay and Avireni Srinivasulu—	
11 bified Power Flow Controller	
Regulation of Power Flow by Advanced Unified Power Flow Controller	-12-22
K. Manoz Kumar Reddy, Dr A.Kailasa Rao and Dr R. Srinivas Rao-	
A Transient Current Based Transmission Line Protection in the Presence of Interline Power Flow Controlle	r
A Transient Current Baseu Transitusion Esta	
using Neuro-Wavelet Approach G. Ravi Kumar, K.Sushmitha, M. Dhatri Durga and M.V.Harika—	-23-33
Design and Analysis of PWM-Based Quasi-Sliding-Mode Controllers for Buck Converters	24 47
Mr. P. Suneel Raju, Dr. K. Chandra Sekhar and Mr. Y. Sumanth-	-34-47
	810
Harmonic Analysis of 3-Level and 5-Level Diode Clamped Multilevel Inverter based on Sinusoidal PWM	3. 11
Control	-48-58
Mohammed Annas and J.E. Muralidhar—	10.00
Analysis of Speed Control of Brushless Dc Motor	—59-70
Arshiya Parveen and J. E Muralidhar—	
Analysis of DTC-SVM Scheme for Induction Motor Fed with 5-Level Cascaded Multilevel Inverter	71-76
Mr. B.Kiran Kumar, Dr. Y.V. Siva Reddy and Dr. M. Vijaya Kumar—	
Design and Development of Online web Based Self Learning Tool for Bisually Challenged Students in	
Design and Development of Online web based sent bearing	
Information Technology and Computer Science Skills Mr. A. Raghunath, Prof. Dr. M. Sashi, Dr. N. Veeranjaneyulu and K. Radha Rani-	77-85
Triplet Deadly Combination of Renewable Energy Resources for Generation of Electric Power	
Suman Saranu, Rachananjali.K and Bala Krishna.K—	86-95
Field Oriented Control of PMSM with Model Reference Adaptive Control Using Fuzzy-PI Controller	96-108
Field Oriented Control of PMSW with Woder References Ch.Uma Maheswara Rao, Bala Murali Krishna.V, A.Laxmi Soundarya and N.Krishna Kumari————————————————————————————————————	90-100
	cations
Fuel Cell Powered Bidirectional DC-DC Converter with Fuzzy Logic Controller for Electric VehicleAppli	-109-120
D.N.S. Saranya, A.R.Vijay Babu, G. Srinivasa Rao, Y.R. Tagore and N.Bharath Kumar	140
Control of the Contro	

Hysteresis Based Double Buck-Boost Converter	
A. Yamuna Pravallika, M.Subbarao and Polamraju V.S.Sobhan————————————————————————————————————	1-128
Design of Aero Generator Using MATLAB Simulink for Commercial Applications	
Divya Manukonda, Srinivasa Rao Gorantla and Bala Krishna Kethineni——————————————————————————————————	29-139
Two New First Order All Pass Filters Based on Differential Difference Complementary Current Conveyor	
P.V.S.M. Krishna, Avireni Srinivasulu and R.K. Lal————————————————————————————————————	0-148
Novel Designs for Efficient PFD and Charge Pump Designs for Phase Locked Loop	
Supraja Batchu, Ravi Nirlakalla and Jayachandra Prasad Talari———————————————————————————————————	19-159
Reconfigurable Band Stop Filter for Bandwidth Control in Imt-Advanced	
Gajendra Kant Mishra and Sanjay Kumar————————————————————————————————————	50-174
Mitigation of Voltage Fluctuations at Transient Period using D-STATCOM in High Level Penetration of Distribution-Generation Systems	
보이트리아 프로워크리아 아니트 웨어스 워크리트 아이트 (1991년 - 1992년 -	75-187
Mitigation of Switching Losses with SHE Modulation Strategy in Grid Interfaced PV Inverters	
C.V. Surya Deep, Dr. M. Padma Lalitha and P. Bhaskara Prasad———————————————————————————————————	88-197
Power over Ethernet (PoE) System based Power Device (PD) @90W using Two DC-DC converters with 6KV Surge Protection	6
	98-207
DC Index Shifted Dual Grating Based Superstructure Fiber Bragg Grating as Multichannel FBG and	
Multiparameter Sensor Somnath Sengupta and S K Ghorai————————————————————————————————————	08-212
Analytical Study of Temperature Effect on P-MODFET Using Quantum Band Distribution in Gan Channel Sapphire Device	on
1973年 - 大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	13-220
Hybrid PS-ACO Algorithm in Achieving Multiobjective Optimization for VLSI Partitioning Atul Prakash and Dr. R. K. Lal————————————————————————————————————	21-236
AND THE PART OF TH	
A Novel Two Diode Model of Pv Module for MPPT with Neural Compensator Mr. A. Sriharibabu, Mr. J.Jithendranath, Mr. Ch. Uma Maheswara Rao, Dr. G. Durgasukumar————————————————————————————————————	37-252
Comparative Study of Speed Control of 6/4 Switched Reluctance Motor Using Hybrid Fuzzy Logic Controlle	er 53-263

Security Constrained Optimal Power Flow Using Benders Cut Principle	
D. Kishore Kumar and Mr. G. Sasikumar-	264-276
Analysis and Simulation of AC to DC Boost Converter by Using IC Uc3854a	
G. Kishor, T. Sudha Rani and P. Vijaya-	277-287
Comparision of Isolated and Non Isolated Resonant Boost Converter	
G.Kishor, D. Harshavardhini and E. DhanaLakshmi-	288-298
Digital Simulation of Push-Pull Multi-Output Resonant Converter	
G.Kishor, S.Shabana and D.Chandrakala	299-305
Three Phase Fuel Cell Inverter Design Based on Hybrid Modulation Technique	
K. Sindhu, Shri. Ch.N. Narasimha Ran and Shri. A.Sriharibabu—	306-314
Two Multiplexers Realized Using Two New Schmitt Trigger Circuits	
Sk. Apsana Parveen, M.S.S.Rukmini and Avireni Srinivasulu—	315-325
An Improved IHBM using Smoothing Projections	
N Gnancswara Rao, V Ramakrishna Sajja, S Deva Kumar and M Venkata Rao	326-335
Mitigation of Subsynchronous Resonance Oscillations Using Static Synchronous Series Compensator	
Mr.J.Sreeranganayakulu, Dr.G.V.Marutheswar and Pruf.K.S.R.Anjaneyulu———————————————————————————————————	336-344
Control of Reduced-Rating DVR with a Lithium-Ion Battery Energy Storage System	
K Sainadh Singh, Dr. B. Venkata Prasanth and Ch.N.Narasimharao	345-355
Design of Wind Turbine for Rural Electrification	
N. Ravi Sankar Reddy, T. Keerthikkanth Reddy and P.N.Y. Sai Murali Krishna	356-364
Active Power Loss Allocation among Generators and Loads in an Interconnected Integrated Energy Sy	stem
Razia Sultana, D. Ravi Kumar and Dr. G.S.Raju—	365-379