

Author Index

Ali S M		Borghate V B	
see Sahoo P	367	Analysis and performance of novel and highly efficient electronic ballast operating at unity-power-factor	523
Anantheshwara K			
Effect of friction on the performance of inertial slider	221		
Anoop M B		Catal H H	
Determination of bounds on failure probability in the presence of hybrid uncertainties	753	see Yesilce Y	781
Antony A J		Catal S	
see Kumar R H	821	see Yesilce Y	385
Apaydin O		Chandorkar M C	
Emission control with route optimization in solid waste collection process: A case study	71	see N Gayathri	505
Ashokkumar R		Chandra R	
see Rao B N	733	see Kamath M P	443
		Channa Reddy M	
		see Ramachandran A	615
		Chippalakatti V S	
		see Nitheti K M	713
		Curic D	
		see Bauman I	721
Banawar R N		Das D	
see Dhabale A	1	Elasto-plastic strain analysis by a semi-analytical method	403
Bauer C L		Das S P	
see Patnaik A K	261	see Behera R K	551
Bauman I		Deb N K	
Mixing of solids in different mixing devices	721	see Sinha S	663
Behera R K		Demirdag O	
Improved direct torque control of induction motor with dither injection	551	see Yesilce Y	385
Bhardwaj S		Demirdag O	
Simplified loss analysis and comparison of full-bridge,full-range-ZVS DC-DC converters	481	Free vibration analysis of elastically supported Timoshenkokolumns with attached masses by transfer matrix and finite element methods	57
Bhavsar T		Devvrath K	
see Siva Prasad J S	591	see Ramji M	27
Biswas S K		Dhabale A	
see Sinha S	663	LQG controller designs from reduced order models for a launch vehicle	1
Boban M		Dhekane M V	
see Bauman I	721	see Dhabale A	1
Bobji M S		Dhomane G A	
see Anantheshwara K	221	see Borghate V B	523
Borage M			
see Bhardwaj S	481		
			843

- Dinesh N S
see Sharma S V 699
- Eren I
Determining large deflections in rectangular combined loaded cantilever beams made of non-linear Ludwick type material by means of different arc length assumptions 45
- Fernandes B G
see More D S 671
- Garg D
Foundations of mechanism design: A tutorial Part 2 – Advanced concepts and results 131
- Garg D
Foundations of mechanism design: A tutorial Part 1 – Key concepts and classical results 83
- Gayathri N
Design and implementation of FPGA-based phase modulation control for series resonant inverters 505
- Ghosh R
see Siva Prasad J S 591
- Gonullu M T
see Apaydin O 71
- Guclu R
see Yagiz N 15
- Gujar S
see Garg D 131
- Gujar S
see Garg D 83
- Gupta P D
see Kamath M P 443
- Huang C-H
see Jan H-Y 803
- Hwang T-S
see Jan H-Y 803
- Iyengar R N
Note on Plagiarism 69
- Jan H-Y
Robust motion control design for dual-axis motion platform using evolutionary algorithm 803
- Joshi A S
see Kamath M P 443
- Kailas S V
see Menezes P L 181
- Kailas S V
see Menezes P L 191
- Kailas S V
see K R Y Simha 203
- Kailas S V
see Shankara A 207
- Kailas S V
see N Ramesh 273
- Kailas S V
see N Ramesh 299
- Kailas S V
see N Ramesh 329
- Kailas S V
see N Ramesh 339
- Kalluru H
see More D S 671
- Kamath M P
Design, development and performance characteristics of a large aperture disc amplifier for high power Nd: Glass laser chain 443
- Kedarnath S
A novel converter topology for TEM applications 537
- Kishore
see Menezes P L 181
- Kishore
see Menezes P L 191
- Kovacevic R
see Lin D C 251
- Kulkarni A M
see Meghwani A 643
- Kulkarni A P
see Kamath M P 443
- Kumar R H
Progressive combustion in SI-engines-experimental investigation on influence of combustion related parameters 821
- Kumar S S
A multi-band shunt hybrid active filter with reduced sensor count 629
- Kuruvilla M
An investigation of microstructure, hardness, tensile behaviour of a titanium alloy: Role of orientation 235
- Lakshminarasamma N
A new family of soft transition converters: Design and dynamic model 459
- Lin C-L
see Jan H-Y 803

Lin D C		speed sensor-less slip-ring induction motor drives applications	565
A study aimed at characterizing the interfacial structure in atin-silver solder on nickel-coated copper plate during aging	251		
Madhavan R		Narahari Y	131
Effect of annular secondary conductor in a linear electromagnetic stirrer	689	see Garg D	
Mathew M T		Narahari Y	83
An effective sensor for tool wear monitoring in face milling: Acoustic emission	227	see Garg D	
Meghwani A		Narayanan G	591
Development of a laboratory model of SSSC using RTAI on Linux platform	643	see Siva Prasad J S	
Menezes P L		Navathe C P	443
Influence of roughness parameters on coefficient of friction under lubricated conditions	181	see Kamath M P	
Menezes P L		Nayak M M	699
Subsurface deformation and the role of surface texture—A study with Cu pins and steel plates	191	see Sharma S V	
Menezes P L		Nithila E	27
see K R Y Simha	203	see Ramji M	
Menezes P L		Nutheti K M	713
see Shankara A	207	Design and development of high voltage high power operational amplifier using thick film technology	
Mohiyadeen M S		Pai P S	227
see Murugan R	581	see Mathew M T	
Mondal N		Park L	235
see Sinha S	663	see Kuruvilla M	
Moodithaya R		Patnaik A K	261
see Ramachandran A	615	The extrinsic influence of carbon fibre reinforced plastic laminates to strengthen steel structures	
More D S		Petrarolli M	235
Design and analysis of full pitch winding and concentrated stator pole winding three-phase flux reversal machine for low speed application	671	see Kuruvilla M	
Mukunda N		Pottirayil A	203
see Iyengar R N	69	see K R Y Simha	
Murali N S		Ramachandran A	615
see Anantheshwara K	221	Minimization and identification of conducted emission bearing current in variable speed induction motor drives using PWM inverter	
Murugan R		see Lakshminarasamma N	459
DSP-based electric power assisted steering using BLDC motor	581	Ramanarayanan V	689
Nadarajah S		see Madhavan R	
Some explicit expressions for the probability distribution of force magnitude	357	Ramesh K	27
Nandakumar S		see Ramji M	
see Murugan R	581	Ramesh M	273
Nandi S		Near surface stress analysis strategies for axisymmetric fretting	
Space and time harmonics related problems and their mitigation for position and		Ramesh M	299
		Axisymmetric fretting analysis in coated cylinder	

- Ramesh M
Micro and macro contact mechanics for interacting asperities 329
- Ramesh M
Wave propagation in coated cylinders with reference to fretting fatigue 339
- Ramji M
Assessment of autonomous phase unwrapping of isochromatic phase maps in digital photoelasticity 27
- Rao B N
Effect of blow-holes on reliability of cast component 733
- Roa K B
see Anoop M B 753
- Rocha L A
see Mathew M T 227
- Saha K
see Das D 403
- Sahoo P
Elastic-plastic adhesive contact of non-Gaussian rough surfaces 367
- Sahoo P
see Das D 403
- Sakman L E
see Yagiz N 15
- Sensarma P S
see Kumar S S 629
- Shankara A
Study of solid lubrication with MoS₂ coating in the presence of additives using reciprocating ball-on-flat scratch tester 207
- Sharma S V
Shape memory alloy based motor 699
- Shashikala P
see Nutheti K M 713
- Shih M-H
see Tung S-H 767
- Sidharthan P
see Lakshminarasamma N 459
- Simha K R Y
Friction tensor concept for textured surfaces 203
- Simha K R Y
see Shankara A 207
- Simha K R Y
see N Ramesh 273
- Simha K R Y
see N Ramesh 299
- Simha K R Y
see N Ramesh 329
- Simha K R Y
see N Ramesh 339
- Sinha S
The differential induction machine: Theory and performance 663
- Siva Prasad J S
Vector control of three-phase AC/DC front-end converter 591
- Srivatsan T S
see Kuruvilla M 235
- Srivatsan T S
see Lin D C 251
- Srivatsan T S
see Patnaik A K 261
- Sung W-P
see Tung S-H 767
- Suryawanshi H M
see Borghate V B 523
- Tiwari S
see Bhardwaj S 481
- Tripathi P K
see Kamath M P 443
- Tung S-H
Development of digital image correlation method to analyse crack variations of masonry wall 767
- Vasudevan K
see Kedarnath S 537
- Wang G X
see Lin D C 251
- Yagiz N
Different control applications on a vehicle using fuzzy logic control 15
- Yesilce Y
Free vibrations of a multi-span Timoshenko beam carrying multiple spring-mass systems 385
- Yesilce Y
Free vibration of semi-rigid connected Reddy-Bickford piles embedded in elastic soil 781
- Zamani M
A more general model for the analysis of the rock slope stability 433