

CONTENTS

M. AHMED, O. MEADE and M. A. MEDINA	383	Reducing heat transfer across the insulated walls of refrigerated truck trailers by the application of phase change materials
A. CHEL and G. N. TIWARI	393	Stand-alone photovoltaic (PV) integrated with earth to air heat exchanger (EAHE) for space heating/cooling of adobe house in New Delhi (India)
A. EBRAHIMPOUR and M. MAEREFAT	410	A method for generation of typical meteorological year
M. ASSADIAN, M. M. FARSANGI and H. NEZAMABADI-POUR	418	GCPSO in cooperation with graph theory to distribution network reconfiguration for energy saving
Q. TIAN and X. LIN	428	Winding capacitance dividing scheme for a high-voltage cable-wound generator
N. VELÁZQUEZ, O. GARCÍA-VALLADARES, D. SAUCEDA and R. BELTRÁN	434	Numerical simulation of a Linear Fresnel Reflector Concentrator used as direct generator in a Solar-GAX cycle
C. WANG, T. WANG, L. MA, Y. GAO and C. WU	446	Steam reforming of biomass raw fuel gas over NiO–MgO solid solution cordierite monolith catalyst
J. K. RATNADHARIYA and S. A. CHANNIWALA	452	Experimental studies on molar distribution of CO/CO ₂ and CO/H ₂ along the length of downdraft wood gasifier
I. NGAMROO	459	Robust SMES controller design based on inverse additive perturbation for stabilization of interconnected power systems with wind farms
F. DALDABAN and N. USTROYUNCU	465	A novel linear switched reluctance motor for railway transportation systems
C. D. RAKOPOULOS, G. M. KOSMADAKIS and E. G. PARIOTIS	470	Investigation of piston bowl geometry and speed effects in a motored HSDI diesel engine using a CFD against a quasi-dimensional model
C.-C. KUO and Y.-T. CHAO	485	Energy management based on AM/FM/GIS for phase balancing application on distribution systems
M. H. AMJADI, H. NEZAMABADI-POUR and M. M. FARSANGI	493	Estimation of electricity demand of Iran using two heuristic algorithms
A. FONSECA, M. L. C. TAVARES and L. A. C. N. GOMES	498	Burning clean fuel gas improves energetic efficiency
N. GUERROUDJ and H. KAHALERRAS	505	Mixed convection in a channel provided with heated porous blocks of various shapes
A. HAMOUDA, N. LAKEHAL and K. ZEHAR	518	Heuristic method for reactive energy management in distribution feeders
J. P. S. CATALÃO, H. M. I. POUSINHO and V. M. F. MENDES	524	Scheduling of head-dependent cascaded hydro systems: Mixed-integer quadratic programming approach
P. JARUWAT, S. KONGJAO and M. HUNSONG	531	Management of biodiesel wastewater by the combined processes of chemical recovery and electrochemical treatment
W. R. M. ZAKI, A. H. NAWAWI and S. SH AHMAD	538	Economic assessment of Operational Energy reduction options in a house using Marginal Benefit and Marginal Cost: A case in Bangi, Malaysia
T.-S. CHUANG	546	Acoustic noise reduction of a 6/4 SRM drive based on third harmonic real power cancellation and mutual coupling flux enhancement

(Contents continued on inside back cover)

Energy Convers. Mgmt is indexed/abstracted in Res. Alert, Biosis Data., CAB Inter., Cam. Sci. Abstr., Chem. Abstr. Serv., Curr. Cont./Eng. Tech. & Applied Sci., Eng. Ind., Environ. Per. Bibl., INSPEC Data., Curr. Cont. Sci. Cit. Ind., Curr. Cont. SCISEARCH Data., SSSA/CISA/ECA/ISMEC, Applied Sci. & Tech. Ind., Applied Sci. & Tech. Abstr. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.



0196-8904(201003)51:3;1-Q



ELSEVIER

(Contents continued from outside back cover)

- M. BADAMI and M. MURA
- S. LU, C. SUN and Z. LU
- P. KANAKASABAPATHY and K. SHANTI SWARUP
- H. ZHOU, L. ZHENG and K. CEN
- R. COBAN and B. CAN
- M.-Q. FAN, L.-X. SUN and F. XU
- A. E. LEON and J. A. SOLSONA
- I. DOUŠKOVÁ, F. KAŠTÁNEK, Y. MALÉTEROVÁ,
P. KAŠTÁNEK, J. DOUCHA and V. ZACHLEDER
- A. SINAĞ, S. GÜLBAY, B. USKAN and M. CANEL
- J. BADUR
- D. COCCO and V. TOLA
- 553 Theoretical model with experimental validation of a regenerative blower for hydrogen recirculation in a PEM fuel cell system
- 561 An improved quantum-behaved particle swarm optimization method for short-term combined economic emission hydrothermal scheduling
- 572 Bidding strategy for pumped-storage plant in pool-based electricity market
- 580 Computational intelligence approach for NO_x emissions minimization in a coal-fired utility boiler
- 587 A trajectory tracking genetic fuzzy logic controller for nuclear research reactors
- 594 Study of the controllable reactivity of aluminum alloys and their promising application for hydrogen generation
- 600 On state estimation in electric drives
- 606 Utilization of distillery stillage for energy generation and concurrent production of valuable microalgal biomass in the sequence: Biogas-cogeneration-microalgae-products
- 612 Biomass decomposition in near critical water
- 621 Energy Optimization in Process Systems, Stanisław Sieniutycz, Jacek Jeżowski. Elsevier, Amsterdam (2009). 751 pp., Price 145€, ISBN: 978-0-08-045141-1.
- 623 Erratum to "Use of alternative hydrogen energy carriers in SOFC-MGT hybrid power plants" [Energy Convers Manage 50 (4) (2009) 1040-1048]