

R E V U E R O U M A I N E
D E S
S C I E N C E S T E C H N I Q U E S
SÉRIE
É L E C T R O T E C H N I Q U E
E T
É N E R G É T I Q U E

Tome 69, 2024, № 2, Avril-Juin

Paraît quatre fois par an

Revue incluse dans

"Clarivate Analytics Science Citation Index Expanded (also known as SciSearch*) and Journal Citation Reports/Science Edition"

S o m m a i r e

Électrotechnique et électroénergétique | Electrical Engineering and Power Engineering

AHCENE BOULAYOUNE ADEL OUBELAID, AREZKI CHIBAH, Comparative study of inner and outer rotor flux reversal permanent magnet machine for direct drive wind turbine	123
ADEL YAHIAOUI, ABDELHALIM TLEMÇANI, An efficient study of PV/wind/battery/electrolyzer/H ₂ -tank/FC for a remote area electrification.....	129
BOUTHEYNA HADMER, SAID DRID, ABDALLAH KOUZOU, LARBI CHRIFI-ALAOUI, Voltage sensorless control of five-level packed u-cell inverter based on Lyapunov approach for grid-connected photovoltaic system.....	135
SAMIA LATRECHE, AMAR BOUAFASSA, BADREDDINE BABES, OUALID AISSA, Efficient DSP-based real-time implementation of ANFIS regulator for single-phase power factor corrector	141
RIYADH ROUABHI, ABDELGHAFOUR HERIZI, SALIM DJERIOU, ABDERRAHIM ZEMMIT, Hybrid type-1 and 2 fuzzy sliding mode control of the induction motor.....	147
SHENGWEI GAO, YONGXIAO LI, HAOBO ZHANG, JINRUI TIAN, A decoupled magnetic integration technique for dual-frequency topologies.....	153
MOUSSA OUSSAMA, HELLALI LALLOUANI, BELHAMDI SAAD, Direct torque control with space vector modulation using interval type-2 fuzzy logic regulators of dual star induction machine fed by two three-level neutral point clamped inverters.....	159
DRAGOŞ-ŞTEFAN NICOLESCU, ALEXANDRU RADULIAN, CRISTINA SĂRĂCIN, MIHAI MARICARU, New solution of high force linear actuator with permanent magnets.....	165
ANCA-PETRUTĂ BRÎNCOVEANU, RADU PLĂMĂNESCU, ANA-MARIA DUMITRESCU, MIHAELA ALBU, Voltage variability assessment in power systems.....	171
KHALED MOHAMMED SAID BENZAQUI, ELAKHDAR BENYOUSSEF, AHMED ZOUHIR KOUACHE, Three-level direct torque control based on common mode voltage reduction strategy fed two parallel connected five-phase induction machine	177
MAGDALENA VALENTINA LUNGU, ALINA CARAMITU, MIHAI MARIN, DELIA PĂTROI, VIRGIL MARINESCU, CIPRIAN MANEA, PETRIȘOR GODEANU, ALEXANDRA BARBU, Performance of Zinc oxide-Vanadium pentoxide varistors in medium voltage surge arresters	183
RAJENDRAN ELUMALAI, Maximum power quality tracking of artificial neural network controller-based double-fed induction generator for wind energy conversion system	189
YILDIRIM ÖZÜPAK, EMRAH ASLAN, Using artificial neural networks to improve the efficiency of transformers used in wireless power transmission systems for different coil positions	195

Électronique et transmission de l'information | Electronics and Information Technology

KALAIVANI ADAIKKAN, DURAIRAJ THENMOZHI, Effective offensive language deduction using deep learning in social media	201
BACHIR MOKHTARI, Enhancement ripples of a direct torque control applied to a permanent magnet synchronous motor by using a four-level multicellular inverter and a new reduced switching table.....	207
ANTO SHEeba JOSEPH, SEYEZHAI RAMALINGAM, Enhancement of power factor correction in an ac-dc converter with an integrated boost-flyback circuit.....	213

Automatique et ordinateurs | Automatics and computers

CATALIN ADRIAN IORDACHE, CONSTANTIN VIOREL MARIAN, Project management expert system with advanced document management for public institutions	219
DHIPA MYLSAMY, AHILAN APPATHURAI, MUTHUKUMARAN NARAYANAPERUMAL, SANGEETHA KUPPUSAMY, Mojo-based fuzzy agglomerative clustering algorithm with ED2MT strategy for large-scale wireless sensors networks	225
ANDREI MITRU, MIHAELA ROMAN, CORA COTESCU, Study on automation programming to monitor and control a screw electro-compressor	231
ASHWINI KUMAR VARMA, BITTU KUMAR, AKELLA RAMAKRISHNA, DEBJANI MITRA, Multi-hop relay selection for cooperative sensing in cognitive radio networks	237
RUIYANG WANG, QIUXIANG GU, SIYU LU, JIAWEI TIAN, ZHENGTONG YIN, XIAOLU LI, XIAOBING CHEN, LIRONG YIN, WENFENG ZHENG, Design of motion controller for six degrees of freedom parallel platform – Part 1	243

Thermotechnique et thermoénergétique | Thermal engineering and thermal energy

OLEKSIY KUZNYETSOV, IHOR BILYAKOVSKYY, Modeling of a PEM fuel cell polarization curve by low-order polynomials for the output power calculation algorithms	249
--	-----

Génie biomédical | Biomedical engineering

SAKTHIVEL PALANISAMY, THANGARAJAN RAMASAMY: MEDI-NET: Cloud-based framework for medical data retrieval system using deep learning	255
---	-----