

REVUE ROUMAINE
DES
SCIENCES TECHNIQUES
SÉRIE
ÉLECTROTECHNIQUE
ET
ÉNERGÉTIQUE

Tome 62, 2017, N° 4, Octobre-Décembre

Paraît quatre fois par an

Revue incluse dans "Thomson Reuters 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

DAN MICU, The synthesis of cylindrical conductors through punctiform charges and applications	341
RACHID DEHINI, RYMA BERBAOUI, L'identification des courants harmoniques face à la perturbation de la tension (The harmonics currents identification faces to the voltage disturbance)	346
OVIDIU CRAIU, TIBERIU TUDORACHE, Heat transfer analysis of an axial flux synchronous wind generator using 3D finite element models	352
ALI IZANLO, S. ASGHAR GHOLAMIAN, MOHAMMAD VERIJ KAZEMI, Comparative study between two sensorless methods for direct power control of doubly fed induction generator.....	358
NAÏMA MEKKAOUI, MOHAMED-SAÏD NAÏT-SAÏD, Direct S-power control for a doubly fed induction generator	365
FAIZAN E MUSTAFA, M. FAISAL KHAN, KH. S. KARIMOV, Experimental investigation of concentrated photovoltaic system	371
CHAFIAA SERIR, DJAMILA REKIOUA, Contrôle vectoriel-logique floue pour le pompage photovoltaïque (Vector control of a motor pump system powers by a photovoltaic generator optimized by fuzzy logic control).....	375
HOUSSAM DEBOUCHA, SOFIA LALOUNI BELAID, Improved incremental conductance maximum power point tracking algorithm using fuzzy logic controller for photovoltaic system	381
KALLOL BHAUMIK, AVIK DATTA, PRADIP KUMAR SADHU, Analysis of leakage inductance for multi-zone induction heater.....	388

Électronique et transmission de l'information

MIHAI EUGEN MARIN, FLORIN CONSTANTINESCU, ALEXANDRU GABRIEL GHEORGHE, CATALIN BRINZEI, An 8-bit current-steering digital to analog converter with calibration capabilities for wireless communications	394
NICOLAE MILITARU, DIANA BUCUR, Microwave bandpass filters with open-loop triangular microstrip resonators	399
FAYÇAL CHABNI, RACHID TALEB, M'HAMED HELAIMI, Output voltage waveform improvement of modified cascaded H-bridge multilevel inverter using selective harmonic elimination technique based on hybrid genetic algorithm	405
MAHALINGAM RAMYA, P. USHA RANI, Asymmetrical cascaded twenty seven level inverter based STATCOM	411

Automatique et ordinateurs

TAIEB BESSAAD, RACHID TALEB, GHALEM BACHIR, ABDERRAHMEN BENBOUALI, Fuzzy speed controller design of multi-machines system	417
---	-----

Termotechnique et termoénergétique

JORGE M. CRUZ-DUARTE, ALEXANDRU M. MOREGA, ARTURO GARCIA-PEREZ, C. RODRIGO CORREA-CELY, Numerical simulation of heat transfer process in a non-conventional calorimeter	424
MARIUS OVIDIU NEAMTU, MUGUR BALAN, DORIN PETREUS, TEODOR LEUCA, NISTOR DANIEL TRIP, Considerations on a geothermal electric power generator based on organic Rankine cycle as a part of a smart-grid.....	431

Génie biomédicale

IULIANA MARIN, NICOLAE GOGA, ANDREI VASILATEANU, IONEL-BUJOREL PAVALOIU, Automatic recognition of dental pathologies as part of a clinical decision support platform.....	436
FARID TAFININE, Filtrage des signaux ECG dans le domaine temps-echelle (Denoising of ECG signal in the time-scale domain).....	442
Index alphabétique – TOME 62.....	447
Liste alphabétique des référents scientifique – TOME 62.....	455
Suport scientifique.....	456