|  |  |
| --- | --- |
| **1** | **Modeling of Rectangular Waveguide without Infinite**  **Flange.**  **Abdessalem Kaddouri** |
| **2** | **Video-Based Face Recognition Using Hidden Markov Models and 2D Discrete Cosine Transform: Application to (VIDTIMIT database).**  **Beldi Makrem** |
| **3** | **Computerized System For Lung Nodule Detection in CT Scan Images by using Matlab.**  **Mabrukah Edrees Fadel** |
| **4** | **A hybrid Wavelet transform with SOM and soft kNN**  **ensemble Classifier for Single Sample Face Recognition.**  **Imen Mbazaâ** |
| **5** | **Face recognition approach combining Discrete wavelet**  **transform and Self-organizing maps.**  **Imen Mbazaâ** |
| **6** | **A comparative study of multiscal geometric Analysis**  **for SAR image compression.**  **Amel Bouchemha** |
| **7** | **Improved vehicle detection system based on**  **customized HOG.**  **Haythem AMEUR** |
| **8** | **Implementation of real time edge detection system for**  **HD video on Zynq.**  **Haythem AMEUR** |
| **9** | **Online Arabic Character Recognition Using Global**  **And Local Features.**  **Houda Nakkach** |
| **10** | **FPGA Implementation of Real-Time System for**  **Detection of Human Activity.**  **Kamal Sehairi** |
| **11** | **A collaborative and voice conﬁgured electric powered wheelchair control system based on EEG and head movement.**  **Fatma BEN TAHER** |
| **12** | **Novel Miniaturized Multiband and Wideband PIFA**  **Antenna for Wireless Applications.**  **L.WAKRIM** |
| **13** | **Siemens Profinet IO System for Academic Purposes.**  **Othman Bensaoud** |
| **14** | **Age-dependent maintenance planning based on P-time Petri Nets for Seaport equipments.**  **Anis Mhalla** |
| **15** | **Data decryption temperature sensor used in radiotherapy services applying neural networks.**  **K. LAMAMRA** |
| **16** | **Fuzzy logic modeling of the effect of a Stain Repellency treatment on knitted fabrics.**  **KABBARI Monia** |
| **17** | **Preliminary Study of Gasification of Sawdust.**  **Salem Fethya** |
| **18** | **Design and control of Two-Wheeled Inverted Pendulum Mobile Robot.**  **Sabri-M Ben Mansour** |
| **19** | **Symmetric encryption algorithm image for wireless multimedia sensor network.**  **Amina Msolli** |
| **20** | **Control of the Methane Flame Behavior by the Hydrogen Fuel Addition: Application to Power Plant Combustion Chamber.**  **Fethi BOUARS** |
| **21** | **Optimal Control of Double Star Synchronous Machine**  **for the Ship Electric Propulsion System.**  **Habib Dallagi** |
| **22** | **SIFT/LBP 3D face recognition.**  **Narimen SAAD** |
| **23** | **Construction of an RBF Classifier Based on Logarithmic Spiral.**  **M. W. GUERFALA** |
| **24** | **Arabic Speech Synthesis System using HMM: HTS\_ARAB\_TALK.**  **Krichi Mohamed Khalil** |
| **25** | **Failures analysis and improvement lifetime of lead acid battery in different applications.**  **Raja Yahmadi** |
| **26** | **A Novel Swing-up Control of the Inverted Pendulum by Brunovsky Trajectory Tracking Method.**  **Hajer Zardoum** |
| **27** | **Discretization of nonlinear continuous systems with time delay:State Space Approach.**  **Bemri H’mida** |
| **28** | **Control and Measurement of Pressure, Temperature, and Strain Variation by Modeling Bragg Sensor.**  **Amira Zrelli** |
| **29** | **Modeling and Intelligent Monitoring: Application on an**  **Irrigation Station under Pressure.**  **Mohamed Radhouane MEJRI** |
| **30** | **Monitoring Systems by Sensor Placement.**  **Mounira BENALLEL** |
| **31** | **AES implementation on a low cost embedded system.**  **S. BOUZAIANE** |
| **32** | **Extending the use of RuleML to store metadata and**  **database semantics.**  **Atia M. Albhbah** |
| **33** | **Complex Multiple Support Vector Machine Regression for Frequency Selective MIMO-OFDM System.**  **Anis CHARRADA** |
| **34** | **Modeling and LQG Controller Design for a Quad Tilt-Wing UAV.**  **Khaled BENKHOUD** |
| **35** | **Influence of the magnets shape on the performance of**  **a surface mounted permanent magnet motor.**  **Mel Hajer** |
| **36** | **Sensor fault estimation using proportional integral**  **observer based on sliding mode principle for uncertain Takagi-Sugeno fuzzy systems.**  **Ilyes Elleuch** |
| **37** | **Fuzzy logic controller devoted to a geothermal greenhouse.**  **Faten Gouadria** |
| **38** | **Actuator and sensor faults reconstruction for a class**  **of output time-delay system based on Sliding Mode**  **Observer.**  **Houaida Cherni** |
| **39** | **Hand Gesture Recognition Using Leap Motion Controller for Recognition of Arabic Sign Language.**  **Bassem Khelil** |
| **40** | **Control of DC-DC Boost Converter using sliding mode and synergetic theory.**  **Ettouil Radhia** |
| **41** | **Development of electrical discharges in water: application for electrical fracturing of shale gas.**  **Henda Jabberi** |
| **42** | **On the numerical robust differentiation approaches.**  **A. CHAABANE** |
| **43** | **Software Implementation of ECC Using GMP Library.**  **Anissa Sghaier** |
| **44** | **Modeling and Optimal LQG Controller Design for a Quadrotor UAV.**  **Rabii Fessi** |
| **45** | **A discrete chaotic multimodel based on 2D Hénon maps.**  **Ameni Dridi** |
| **46** | **Comparison of UPFC, TCSC and SVC for Improving Voltage Stability.**  **A.Meddeb** |
| **47** | **Nonlinear Discrete High-Gain Observer: Application to Bioreactor Model.**  **Afef Ghanmi** |
| **48** | **Evaluation of Non-Idealities Effects Implemented in a Cascade-Of-Integrator-FeedBack Sigma-Delta Modulator Model using Simplorer VHDL-AMS.**  **Imen Ben Mansour** |
| **49** | **Instantaneous Power Spectrum Analysis To Detect Mixed Eccentricity Fault In Saturated Squirrel Cage Induction Motor.**  **Chaouch Abdellah** |
| **50** | **Clustering algorithms for energy efficient lifetime in HWSN.**  **Dania Ben Hassen** |
| **51** | **Control by RST controller of systems presented by Multimodel.**  **Nesrine OTHMAN** |
| **52** | **The Bayesian formulation for radiographic image segmentation of welding defect.**  **N. RAMOU** |
| **53** | **A solid-Desiccant Cooling System for Greenhouses.**  **Amel Rjibi** |
| **54** | **Fuzzy logic Controlled Three Phase PWM Rectifier.**  **Aziz Boukadoum** |
| **55** | **Hybrid Dynamical System Monitoring based on Bond Graph.**  **OUESLATI Fatma Ezzahra** |
| **56** | **Intelligent methods of maximum power point tracking**  **in photovoltaic systems.**  **Nadia Drir** |
| **57** | **Adequacy of the Map SOM for Defects Detecting in Inverter Switching.**  **Nejib Khalfaoui** |
| **58** | **Magnetic Field Analisys of a Delta-Connected Autotransformer Based 18 Pulse AC-DC Converters.**  **Arafet Ben Ammar** |
| **59** | **Adaptive Pilot Arrangement for Carrier Frequency**  **Offset Estimation.**  **Cherif rezgui** |
| **60** | **Evaluation and a Chaos-Based improvement of a Block Cipher Algorithm.**  **Fatma SBIAA** |
| **61** | **Investigation of a new solar greenhouse drying system**  **for peppers.**  **Zaineb AZAIZIA** |
| **62** | **FPGA Implementation of Selective Harmonic Elimination Controlled Asymmetrical Cascaded Nine Levels Inverter Using Newton Raphson Algorithm.**  **Faouzi ARMI** |
| **63** | **Experimental performance of a solar greenhouse dryer**  **for drying grape.**  **Ilhem HAMDI** |
| **64** | **Identification of the fault leg in a three phase voltage**  **source inverter.**  **Fatima zahra Bensouda** |
| **65** | **Vertical Collaborative Clustering using Enriched Self-Organizing Maps.**  **Ameni FILALI** |
| **66** | **A surveillance camera algorithm based on the second order sliding mode approach.**  **Marwa Fathallah** |
| **67** | **Modeling and Stabilizing Control of an UAV for Easy Taking-off and Hovering.**  **NASR Salah** |
| **68** | **Diagnosis of Stator Turn-to-Turn Fault and Rotor Broken Bars Fault Using Neuro-Fuzzy Inference System.**  **Merabet. Hichem** |
| **69** | **A Light Weight Method for Image Encryption Based**  **on Chaos and Hopeﬁeld Neural Networks.**  **Nabil Ben Slimane** |
| **70** | **On the numerical differentiation problem of noisy signal.**  **O. Dhaou** |
| **71** | **Software Implementation Of an image Processing Chain on System on Programmable Chip (SOPC) with OpenCV library integration.**  **Marwa Fradi** |
| **72** | **MODEL AND BETTER DECISIONS IN IMAGE PROCESSING.**  **Habiba KHEMILA** |
| **73** | **Texture features to index and retrieve Roman mosaic-images.**  **Wafa Maghrebi** |
| **74** | **Classification of Video Content and Qualilty Prediction using Cluster Analysis and Multiple Linear Regression over LTE Networks.**  **T. Ghalut** |
| **75** | **Modelling and Simulation of Radio-Frequency Inductively Coupled Plasma Torch at Low Pressure.**  **M. LABIOD** |
| **76** | **Dynamic modelling of a series Hybrid electrical vehicle.**  **Njajra Zohra** |
| **77** | **Effective Localisation Method For a Mobile Robot and Optimization Procedure Using The Levenberg-Marquardt Algorithm.**  **Noura Ayadi** |
| **78** | **NARMAX structure and identiﬁcation of coupled mass-spring-damper system.**  **Sana RANNEN** |
| **79** | **Grid Synchronization in Three Phase Power Converters fed by PV system.**  **Fatma Benyoussef** |
| **80** | **Tracking Control of Time Delay Bilinear Systems via Block Pulse Functions.**  **Bassem Iben Warrad** |
| **81** | **Experimental Prototype of Open-End Stator Winding**  **Induction Machine Fed by Three Phase Inverters.**  **SAMI Guizani** |
| **82** | **Path Planning for mobile robots using fuzzy logic controller in the presence of static and moving obstacles.**  **Faten CHERNI** |
| **83** | **Study of wind speed's Impact on the aero generator output**  **energy quality.**  **Yahia Saoudi** |
| **84** | **Copmarative Study of Electromagnetic Modeling of Dipole Antenna Radiated in Free Space and Inside a Rectangular Waveguide Using MoM-GEC.**  **H. Messaoudi** |
| **85** | **Online Reaction Monitoring System in Microreactor Using Electrospray Ionization Mass Spectrometry: A Methodology for Saving Time and Materials.**  **Vinh Quang Do** |
| **86** | **Comparison Study of Electric Machines for In-Wheel**  **Electric Vehicle Application.**  **Ali Mansouri** |
| **87** | **FPGA Implementation of the Model Predictive Control: Application to a control system of water level.**  **TELMOUDI BRINI Sirine** |
| **88** | **A Fuzzy Based Approach for Priority Allocation in Wireless Sensor Networks.**  **Imen Bouazzi** |
| **89** | **USABLE SPEECH ASSIGNMENT FOR SPEAKER IDENTIFICATION SYSTEM.**  **Wajdi Ghezaiel** |
| **90** | **Vector control of two five phase machines synchronous with permanent magnet connected in series application to the rail traction.**  **S.Meguenni** |
| **91** | **Comparison between motions profiles applied to flexible manipulator arm.**  **Sameh Zribi** |
| **92** | **A Model-Based Stealthy Attacks Detection Scheme for Networked Control Systems.**  **Taouba Rhouma** |
| **93** | **Adaptive Fuzzy Control for a Discrete-Time Nonlinear Systems.**  **Khouloud ELLOUMI** |
| **94** | **Numerical simulation of earth/air heat exchangers at**  **arid climate operating conditions.**  **Djamel BELATRACHE** |
| **95** | **Detection and Study of Failure Modes for Photovoltaic System.**  **LAAMAMI Samah** |
| **96** | **ENSOR NODE AND ENERGY HARVESTING: A STUDY.**  **Ghada Touati** |
| **97** | **Low power consumption, low phase noise ring oscillator in 0.18 μm CMOS process.**  **Nadia Gargouri** |
| **98** | **An improved multi-database classification approach.**  **Salim Miloudi** |
| **99** | **Robust Fault Detection Performances for Stochastic Systems based on Adaptive Threshold.**  **Marwa Houiji** |
| **100** | **DYNAMIC SEQUENCE-BASED LEARNING APPROACHES ON EMOTION RECOGNITION SYSTEMS.**  **Imen Trabelsi** |
| **101** | **Integral higher order sliding mode control for MIMO uncertain systems: Application to chaotic PMSM.**  **Sana Ben Jema** |
| **102** | **Modeling Interaction between Carry Trade and Stock Markets: GARCH-EVT-COPULA.**  **Nourhaine NEFZI** |
| **103** | **The Articulatory Appearance of Haraka in Arabic Language.**  **Fazia Karaoui** |
| **104** | **Control of Three-Phase Voltage Source PWM Rectifier.**  **K. FAHEM** |
| **105** | **Robust FDI Scheme for Open-Circuit Fault in VSI based on Artificial Neural Network.**  **Amel Adouni** |
| **106** | **Continuous-time LPV system identiﬁcation with fractional models.**  **Thouraya SALEM** |
| **107** | **3D Finite Element Modelling of Single-Sided Axial-Flux**  **Permanent-Magnet Synchronous Machine.**  **Oussama Bouaziz** |
| **108** | **WANN fault detection and isolation approach design for a FAST wind turbine benchmark model.**  **T. Bakir** |
| **109** | **Comparative Study of Adaptive and Recurrent Neura**  **IMC controller for DC Motor .**  **Ben Mabrouk Zaineb** |
| **110** | **An instrumental evaluation framework for Post-Filter in**  **multichannel Speech Enhancement systems.**  **Adel Hidri** |
| **111** | **Different Topologies of DC/DC Converter Used in PV Systems with MPPT Controllers Based on Perturb and Observe Algorithm and Sliding Mode Theory.**  **Radhia Garraoui** |
| **112** | **A NEW MPPT CONTROLLER FOR PHOTOVOLTAIC SYSTEM**  **BASED ON HIGH ORDER SLIDING MODE APPROACH.**  **Radhia GARRAOUI** |
| **113** | **Performances of Wind Turbine Airfoil Unde Oscillating Motion.**  **Mohamed Mehdi Oueslati** |
| **114** | **Contribution to the Query Optimization in Large Databases**  **Jaafar Noussaiba** |
| **115** | **Using NCES for Modeling and Validating Dynamic Adaptation.**  **Mohamed Naija** |
| **116** | **Smart light control in buildings.**  **Abir Khabthani** |
| **117** | **Modelling and Analysis of Dual Three-phase Induction Machine.**  **OUNIS Rabiaa** |
| **118** | **A New Scheme for Timing Offset Estimation in Fast Varying Channel.**  **Cherif rezgui** |
| **119** | **Coupling Quadripole Modelling for Describing Custom Discontinuities.**  **Basma OUESLATI** |
| **120** | **State Equality Linear Constraint Enforcement on the Linear Quadratic Regulator.**  **Abdulrahman H. Bajodah** |
| **121** | **Rigorous Study of a microstrip line excited with perpendicular coaxial source using MGEC MoM based Method.**  **Basma OUESLATI** |
| **122** | **A Fuzzy Stochastic Dominance Approach to the**  **Measurement of Regional Disparities: Application to The Tunisian Case.**  **Amal Jmaii** |
| **123** | **Performance of a New 3-Dimensional Magnetic Resonance Images Noise Removal Method on Segmentation.**  **Feriel Romdhane** |
| **124** | **On the stability and stabilization of discrete-time T-S fuzzy switched systems.**  **Nawel AOUN** |
| **125** | **Monitoring of Driver’s Drowsiness based on Eyes**  **State Analysis.**  **Soumaya Hichri** |
| **126** | **Semantic Error Detection in Arabic Language Using**  **Ontology .**  **Asma Ksiksi** |
| **127** | **Experimental Investigation of High Current Impulse**  **Characteristics of Enhanced Electrode Systems.**  **A.Bashkar** |
| **128** | **Extraction of Grammatical Rules Based on Sequential**  **Mining.**  **Asma Ksiksi** |
| **129** | **Energy Efficiency Improvement of Photovoltaic Systems with Different Configurations of PV- Inverter Topology for Renewable Energy Systems.**  **MOUHOUB BIRANE** |
| **130** | **Blade Pitch Angle Control for a Direct Drive Wind Turbine Based DTC-PMSG.**  **Marwa Ayadi** |
| **131** | **DYNAMIC SEQUENCE-BASED LEARNING APPROACHES ON EMOTION RECOGNITION SYSTEMS.**  **Imen Trabelsi** |
| **132** | **The Online Handwriting Recognition Through Mining Frequent Patterns.**  **Chekib Gmati** |
| **133** | **Broadband Cross Elevated Patch Antenna.**  **Adel Saad Emhemmed** |
| **134** | **Modeling and Sliding Mode Control of a Quadrotor**  **Unmanned Aerial Vehicle.**  **Nour BEN AMMAR** |
| **135** | **Secure High Dynamic Range Images Secure HDR Images.**  **Med Amine Touil** |
| **136** | **A Comparative Study of Particle Filter,PMCMC and Mixture Particle Filter Methods for Tracking in High Dimensional State Spaces.**  **Nesrine Amor** |
| **137** | **Impact of DFIG based Wind Farms on Transient Stability of Power Systems.**  **Mohamed Edrah** |