1. Record Nr. UNISA996390771203316

Autore	Cellier Elizabeth <fl. 1680.>
Titolo	The ladies answer to that busie-body [[electronic resource]] : who wrote The life and death of Du Vall
Pubbl/distr/stampa	[London, : s.n.], Printed in the year MDCLXX. [1670]
Descrizione fisica	1 sheet ([1] p.)
Altri autori (Persone)	PopeWalter <d. 1714.>
Soggetti	English poetry Broadsides17th century.England
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Caption title. Signed: "El: C." El: C = Elizabeth Cellier. Cf. Wing (2nd ed.). Place of publication suggested by Wing (2nd ed.). Reproduction of original in: Harvard University. Library.
Sommario/riassunto	eebo-0062

2. Record Nr. UNINA9910891390103321

Titolo	American journal of life sciences
Pubbl/distr/stampa	New York, NY : , : Science Publishing Group, , 2013-
Disciplina	570
Soggetti	Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

3. Record Nr. UNINA9910903798803321

Titolo	Proceedings of the 2nd International Conference on Green Energy Conversion System : ICGECS 2023, 29 September–1 October 2023, Djerba, Tunisia / / edited by Adel Mellit, Lassaad Sbita, Karim Kemih, Malek Ghanes
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819761487 9819761484
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (773 pages)
Collana	Green Energy and Technology, , 1865-3537
Disciplina	621.31
Soggetti	Energy policy Physics Materials Catalysis Force and energy Renewable energy sources Artificial intelligence Internet of things Energy Policy, Economics and Management Applied and Technical Physics Materials for Energy and Catalysis Renewable Energy Artificial Intelligence Internet of Things

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Contents -- Atomic Hydrogen Adsorption on Two-Dimensional AlN: DFT Study -- 1 Introduction -- 2 Computational Details -- 3 Results and Discussion -- 3.1 Structural and Energetic Properties of AlN Monolayer -- 3.2 Hydrogen Adsorption on AlN Monolayer -- 4 Conclusions -- References -- Site Preference of Hydrogen Atom in Mg3La Alloy: A DFT Study -- 1 Introduction -- 2 Computational Details -- 3 Results and Discussion -- 3.1 Structural Properties of Mg3La -- 3.2 Hydrogen Effects on Thermodynamic Stability of Mg3La -- 4 Conclusion -- References -- Experimental and Digital Simulation Investigations of Harmonics Injection by CFLs into a LV Network -- 1 Introduction -- 2 Full CFL Modeling and Harmonics Generated by One CFL -- 3 Equivalent Model of One CFL Lamp -- 4 Simulated and Experimental Results for Large Number of Equivalents Model of CFLS -- 5 Conclusion and Future Research -- References -- New Hysteresis Control Block for Shunt Active Power Filter for Harmonics Compensation Generated by CFLs with PQ Theory -- 1 Introduction -- 2 Three Phase Four Wire Shunt Active Power Filter with Four Legs and a Split Capacitor Topology -- 2.1 Mathematical Fundamentals of the Harmonic Detection Technique -- 2.2 Review of the Instantaneous Reactive Power Theory (PQ Theory) -- 2.3 General Electric CFLs Loads Presentation -- 3 Summary of the Gate Controller and Optimization Techniques -- 3.1 Conventional Fixed Hysteresis Band -- 3.2 New Modulation Hysteresis Control Technique -- 4 Results and Discussions -- 5 Conclusion -- References -- A Comparative Study of Performed SV PWM Three Phase Inverters Strategies Drive -- 1 Introduction -- 2 Three Level NPC Inverter -- 3 Control Technique for 3-Level -- 3.1 The Basic SVPWM Principle of the 3-Phase 3-Level Inverter -- 3.2 The Basic SPWM Principle of the 3-Phase 3-Level Inverter. 4 Simulation Results Comparison of SPWM and SVPWM -- 5 Conclusion -- References -- Thermodynamic and Environmental Comparison of Various Recuperated Cycles for Gas Turbine Applications -- 1 Introduction -- 2 Cycles Description -- 3 Energetic Analysis -- 4 Environmental Impact Analysis -- 5 Results and Discussions -- 5.1 Pressure Ratio Effect -- 5.2 Ambient Temperature Effect -- 5.3 Exchanger Efficiency Effect -- 6 Environmental Analysis -- 7 Conclusion -- References -- Application of Artificial Intelligence for the Supervision of a Multi-source System -- 1 Introduction -- 2 MPPT Algorithms -- 2.1 Photovoltaic System Optimization -- 2.2 Wind System Optimization -- 2.3 Simulation Result -- 3 Smart Energy Management -- 3.1 Structure of the Global Controler System -- 3.2 System Simulation Results -- 4 Conclusion -- References -- Renewable Hybrid System with Battery Storage for Water Pumping for Small-Scale Area -- 1 Introduction -- 2 Sizing Hybrid Pumping Photovoltaic/Wind Turbine with Batteries Storage -- 2.1 Geographical Area Location -- 2.2 Sizing Method -- 3 Experimental Study of Hybrid Pumping System (PV/Wind Turbine) with Batteries -- 3.1 Description of the System -- 3.2 Moto-Pump Modeling -- 3.3 Experimental Results Obtained with the Hybrid Pumping Water System -- 4 Conclusion -- References -- DSP Real-Time Implementation of an Optimized Steady State DFIM Control for Electric Vehicles -- 1 Introduction -- 2 Modeling

of Proposed Electric Vehicle Architecture -- 2.1 Battery Pack Modeling -- 2.2 Traction Motor Modeling -- 2.3 Inverter Modeling -- 2.4 Vehicle Dynamics Modeling -- 3 The Proposed Optimized Control in the Steady State -- 4 Experimental Results -- 5 Conclusion -- References -- Wind Turbine Emulator Using Three-Level Inverter-Fed Induction Motor Drive Controlled Through DTC Strategy -- 1 Introduction.
2 DTC of IM Fed with Three Level Inverter -- 2.1 IM Control Model -- 2.2 DTC Applied to Three-Level NPC Inverter -- 3 WTE Design -- 4 Whole System Description of the WTE Controller -- 5 Simulation Results -- 6 Conclusion -- Appendix -- References -- Experimental and Numerical Investigation on Heat Transfer in Helically Coiled Tube Heat Exchanger Under Constant Wall Heat Flux -- 1 Introduction -- 2 System Description -- 3 Calculation Methods -- 4 Numerical Model -- 4.1 Boundary Conditions -- 4.2 Meshing -- 5 Model Validation -- 6 Results and Discussion -- 6.1 Temperature -- 6.2 Efficiency -- 6.3 Heat Energy -- 6.4 Velocity -- 7 Concluding Remarks -- References -- CFD Simulation of Heat Transfer in Helically Coiled Tube Heat Exchanger for Water Heating -- 1 Introduction -- 2 Cases Study -- 3 System Description -- 4 Model Development -- 4.1 Condenser Model -- 4.2 Water Tank Model -- 5 Numerical Model -- 5.1 Boundary Conditions -- 5.2 Meshing -- 6 Mathematical Formulation -- 7 Model Validation -- 8 Numerical Results -- 8.1 Velocity Field -- 8.2 Water Temperature Distribution -- 8.3 Overall Heat Transfer Coefficient -- 9 Conclusion -- References -- Cost Optimization Based on a Linear Programming Approach for a Hybrid Renewable Energy System -- 1 Introduction -- 2 Homer Software Presentation -- 2.1 System Overview -- 3 Energy System Model -- 4 An Algorithm for Formulating the Optimization Problem -- 4.1 Constraints -- 4.2 Hybrid System Limits -- 4.3 Proposed Solution -- 5 Result and Discussion -- 6 Conclusion -- References -- Power Comparative Analysis of Floating and Conventional Solar Photovoltaic System -- 1 Introduction -- 2 Floating Photovoltaic System (FPVs) -- 3 Modelling of the PV Panel -- 4 Results and Discussion -- 5 Conclusion -- References -- A Comparative Analysis of PID and SMC Control Topology for the Two Phases Interleaved DC DC Converter.
1 Introduction -- 2 Converter Description and Operation -- 2.1 Two-Phase Interleaved Bidirectional Converter Control -- 2.2 Interleaved Bidirectional Converter Control and Design PID Control -- 3 Comparative Performance Analysis -- 4 Conclusion -- References -- Sliding-Mode and Lyapunov Function Based Control for a DC Microgrid with Renewable Generation a Solid Oxide Fuel Cell and Battery Storage -- 1 Introduction -- 2 Modeling of DC Microgrid Components -- 2.1 Modelling PV Energy System in DC Microgrid -- 2.2 Control of PV Generator: Sliding Mode with Slotine Surface Controller -- 2.3 Modelling of the Battery System in DC Microgrid -- 2.4 The Control of the Battery Current -- 2.5 The Control of the DC Bus Voltage: A Lyapunov Function for the Voltage Control -- 2.6 Modelling of Wind Energy System in DC Microgrid -- 2.7 Control of Wind Energy System Current: Sliding Mode Control -- 2.8 Modelling of Solid Oxide Fuel Cell System in DC Microgrid -- 2.9 The Control of Solid Oxide Fuel Cell Current -- 2.10 The Control of the DC Bus Voltage: The Control of the DC Bus Voltage -- 2.11 The Load Side VSI Control -- 2.12 Modelling of Dump Load System [18-20] in the Proposed Microgrid -- 2.13 The Control of the Buck Converter Ve Voltage -- 3 Results and Discussion -- 3.1 Case-1: Consideration of Meteorological Changes -- 3.2 Case- 2: Stand-Alone System Operation with Battery and Dump Load -- 3.3 Case-3: Variation of Powers SOC = 60% -- 4 Conclusion -- References -- Boost DC-DC Converter with MPPT for PV

Application -- 1 Introduction -- 1.1 Modeling of PV Cell -- 2 DC-DC Converter -- 2.1 The Concept of DC-DC Converter -- 2.2 Mathematical Model of DC-DC Converter -- 3 Maximum Power Point Tracking (MPPT) of Solar PV System -- 4 Experimental Results -- 4.1 Effect of Variation of Irradiation -- 4.2 Effect of Variation of Temperature -- 4.3 Outputs After MPPT.
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2 System Description, Preliminaries and Problem Statement.

Sommario/riassunto

This book presents peer reviewed articles from the 2nd International Conference on Green Energy Conversion Systems held in Djerba, Tunisia, from 13–15 September 2023. It brings together researchers and professionals from all over the world to share and discuss recent advancements and developments in renewable energy and its applications and foster future collaboration tending towards zero carbon.