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Nota di contenuto	Intro -- About the Conference -- Message from the Director -- Message from the Honorary Chair -- Message from the General Chair -- Message from Head of the Department -- Message from the Organizing Chairs -- Keynote Speeches -- Future Directions -- Committee -- Contents -- About the Editors -- Control and Robotics Track-1 -- Performance Assessment of Unstable Systems Subjected to Ramp Input Changes -- 1 Introduction -- 2 Problem Statement -- 3 IAE-TV-Based Assessment Index -- 3.1 Standard Assessment Benchmarks -- 3.2 Performance Assessment Index -- 4 Conditions for Better Performance -- 4.1 Single Feedback (SFB) Control Scheme -- 4.2 Simulations Results -- 5 Conclusions -- References -- Level Control of a Two-Tank System Using Quantitative Feedback Theory-Based Controller -- 1 Introduction -- 1.1 Why Quantitative Feedback Theory (QFT)? -- 1.2 Literature Review -- 1.3 Research Contribution of the Paper -- 2 Modelling of Two-Tank System -- 2.1 Terminologies and Notations -- 2.2 Mathematical Modelling -- 2.3 Derivation of Interval Type of Parametric Uncertainty -- 3 Design of QFT-Based Controller -- 3.1 Choice of Control Structure -- 3.2 Performance Specifications -- 3.3 Choice of Nominal Plant and Construction of Plant Templates -- 3.4 Computation of Bounds -- 3.5 Loop Shaping -- 3.6 Design of Pre-filter -- 4 Result and Discussion -- 4.1 Comparative Analysis with Existing Controllers -- 5 Conclusions --

References -- Design of Continuous Time Nonlinear Control with Quadruple Tank System Application -- 1 Introduction -- 2 Continuous Time NMPC Formulation -- 2.1 NMPC Formulation -- 2.2 Design of MPC Controller -- 2.3 Chen and Allgöwer's Approach -- 3 Alternate Approach for the Terminal Region Characterization -- 4 Terminal Region Characterization -- 5 Quadruple Tank Case Study -- 6 Conclusions -- References.

Continuous Time Nonlinear Controller Design with Increased Terminal Region -- 1 Introduction -- 2 Continuous Time NMPC Formulation -- 2.1 NMPC Formulation -- 2.2 Design of MPC Controller -- 2.3 Chen and Allgöwer's Approach -- 3 Alternate Approach for the Terminal Region Characterization -- 4 Terminal Region Characterization -- 5 Demonstration Case Study -- 6 Conclusions -- References -- Cascade Controller Design Based on Pole Placement and Model Matching Technique -- 1 Introduction -- 2 CLTF for Both the Loops -- 3 Secondary Controller Design Method -- 4 Design of Primary Controller -- 5 Guideline for Closed-Loop Time Constant -- 6 Simulation Results -- 6.1 Example-1 -- 6.2 Example-2 -- 7 Conclusion -- References -- Design and Performance Analysis of Different Event-Triggering Policies with Sliding Mode Control Strategy -- 1 Introduction -- 2 System Description and Problem Formulation -- 3 Design of Event-Triggering Policies -- 3.1 Static Event-Triggering Policy -- 3.2 Time-Varying Triggering Policy -- 3.3 Dynamic Event-Triggering Policy -- 3.4 Self-triggering Policy -- 4 Stability Analysis -- 5 Numerical Examples -- 6 Conclusions -- References -- Control and Robotics Track-2 -- Effect of Sampling and Simulation of Wireless Networked Control System Using TrueTime and MATLAB: A Comparative Study -- 1 Introduction -- 1.1 What Is WNCS? -- 1.2 Related Work -- 1.3 Objective and Motivation -- 1.4 Organization of the Paper -- 2 Modeling of Wireless NCS -- 3 TrueTime: Simulator for NCS -- 4 Effect of Sampling in Wireless NCS -- 4.1 Types of Sampling Used in NCS -- 4.2 Importance of Sampling Used in NCS -- 5 Simulation Using MATLAB and TrueTime -- 6 Conclusion -- References -- Comparative Analysis of Different Methods of Two Degree of Freedom Controller Designs on Varied Systems -- 1 Introduction -- 2 Two Degree of Freedom (2 DOF) Control.

3 Different 2 DOF Controller Design Methods -- 3.1 Multiple Integration Magnitude Optimum Method [4] -- 3.2 Linear Algebraic Method (LAM) for 2 DOF Controller Design [5] -- 3.3 PI-PD Compensation for 2 DOF Controller Design [1] -- 4 Experimental Results -- 5 Conclusion -- References -- Robust Stabilization of an Inverted Pendulum Using ANFIS Controllers -- 1 Introduction -- 2 Dynamic Model of an IP System -- 3 ANFIS Controller Design -- 3.1 Dataset Generation -- 3.2 Defining Parameters of ANFIS -- 3.3 ANFIS Training -- 4 Results and Discussion -- 5 Conclusion -- References -- Sensors Energy and Power Electronics -- Design of a PV-Battery-Supercapacitor Water Pumping System Based on the Varying Operating Factor of the PV Module -- 1 Introduction -- 2 Objective and Methodology of the Work -- 3 Radiation and the Ambient Temperature of the Site -- 4 Modeling of the PV-Battery-Supercapacitor Water Pumping System -- 4.1 Modeling of Parameters -- 4.2 Modeling of System Components -- 4.3 Loss of Load Probability (LLP) -- 5 Results and Analysis -- 5.1 Simulation of Parameters -- 5.2 Simulation of the Components of the System -- 5.3 Effect of OPV on PV Size and LLP of the System -- 5.4 System Design with Fixed Opv and Yearly Average Opv: A Comparison -- 6 Conclusion -- References -- Portable Stress Measurement and Analysis System (PSMAS): The Correlation of Body and Mind Analysis Using GSR Sensor -- 1

Introduction -- 1.1 Major Cause Effects of Stress -- 2 Related Works --
 3 System Design and Methodology -- 3.1 Working Principle -- 4
 Development and Testing -- 4.1 Development -- 4.2 Testing -- 5
 Conclusion -- References -- Performance Comparison of P&O and Fuzzy Logic-Based MPPT Control Technique for Stand-Alone Photovoltaic System -- 1 Introduction -- 2 Design of PV Fed Boost Converter -- 3 Maximum Power Point Tracking (MPPT) Technique. 4 Simulink Model and Result Analysis -- 5 Performance Identification Between P&O and Fuzzy MPPT -- 6 Conclusion -- References -- Optimization of Hybrid Solar, Wind, and Diesel Energy System from Cost Analysis of Micro-Grid Using Homer Software -- 1 Introduction -- 2 District of Analysis and Load Description -- 2.1 Potential of the Sun -- 2.2 Wind Turbine -- 3 System Description -- 3.1 Wind Turbine -- 3.2 Photovoltaic -- 3.3 Diesel Generator (DG) -- 3.4 Battery -- 3.5 Converter -- 4 Economic Evaluation -- 4.1 Net Present Cost (NPC) -- 4.2 COE (Cost of Energy) -- 4.3 Renewable Fraction (RF) -- 5 Findings of the Homer Simulation -- 6 Conclusion -- References -- Dynamic Economic Dispatch with Electric Vehicle -- 1 Introduction -- 2 Economic Dispatch -- 2.1 Classification of Economic Dynamic Dispatch -- 3 Modelling of EV -- 4 Modelling of Dynamic Environmental Economic Dispatch Difficulty -- 4.1 Limitations -- 4.2 Problem Formulation -- 5 Results and Discussion -- 6 Conclusion -- References -- A Review and Analysis of Electrical Equivalent Circuit Models of Vanadium Redox Flow Battery -- 1 Introduction -- 2 System Description and Operational Principle of VRFB -- 3 Electrical Equivalent Circuit Models (ECMs) of VRFB -- 4 Discussion -- 5 Conclusion -- References -- AI and Soft Computing -- Power Transformer Protection Based on Fuzzy Logic System -- 1 Introduction -- 2 Method Proposed -- 2.1 Flowchart of Relay -- 2.2 Data Acquisition -- 2.3 Preprocessing: Clarke's Transform -- 2.4 Design of Fuzzy System -- 3 Simulated Power System -- 4 Results -- 5 Conclusion -- References -- Human Activity Recognition: A Step Toward Ambient Assisted Living -- 1 Introduction -- 2 Data Collection and Pre-processing -- 3 Feature Extraction -- 4 Classification Based on Random Forest -- 5 Result -- 6 Discussion -- References. Plant Growth Optimization Using Internet of Things for Self-Sustaining Indoor Farms -- 1 Introduction -- 2 Methodology -- 2.1 IoT Prototype System Architecture -- 2.2 The Experiment -- 3 Results and Discussion -- 4 Conclusion and Future Enhancements -- References -- A Blockchain Point of View of Supply Chain Problems in India -- 1 Introduction -- 2 Theoretical Background -- 2.1 An Impending Need of Fixing Supply Chain Issues -- 2.2 Concepts and Characteristics of Associated Problems and a Problem Resolution System -- 2.3 Blockchain Technology for Associated Problems (Literature Survey) -- 3 Methodology -- 3.1 Preliminary -- 3.2 System Proposed -- 3.3 Stakeholder Identification with Valid Ordered Quantity -- 3.4 Traceability Information of Every Single Component Used in Any Product -- 4 Conclusion and Future Work -- References -- Development of Smart Chatbot Using Artificial Intelligence in the Fight Against the COVID-19 Pandemic -- 1 Introduction -- 2 Proposed Methodology -- 2.1 Dataset Description -- 2.2 COVID-Chatbot Architecture -- 3 Implementation of Proposed Methodology -- 4 Experiment -- 5 Comparative Analysis -- 6 Conclusions -- References -- Communication Track-1 -- Circular Microstrip Antenna with Shorting Walls for Improved Radiation Performance -- 1 Introduction -- 2 Design Technique -- 3 Parametric Studies -- 4 Proposed Structure -- 5 Simulated Results -- 6 Conclusion -- References -- Modified Patch Geometry with Reduced Resonant

Frequency -- 1 Introduction -- 2 Design and Analysis of Simple Rectangular Patch with Arc -- 3 Design and Analysis of Simple Rectangular Patch with Arc and Rectangular Spiral Slot -- 4 Conclusions -- References -- Ultra-Wideband Inverted T-Shape Slot Antenna -- 1 Introduction -- 2 Antenna Design -- 3 Results and Discussion -- 4 Conclusions -- References.
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