

Paper ID	Title
109	Analysis of Safety and Security in Autonomous Intersections
143	Graph-based Optimization for Assembly Line Balancing Incorporating Metabolic Restrictions
153	Multipolar dynamics of social segregation
161	Advancements in Decentralized FOPID Control for TITO Systems via Reduced-Order Model-Based Design: A Case Study
172	Fractional-Order Models for Platooning Systems: The Relationship between Order and PD Gains through Hybrid Optimization
201	An Algebraic Approach for Solving Some Classes of Two-Dimensional Parabolic Partial Differential Equations
203	Machine Learning and RBF Interpolation on Nanofluid Flow in a Rounded Corner Cavity
213	Gain-Switching UIO against Disturbance with Lossy Multiple Measurement
218	Error reduction for image encoding - reconstruction for quantum photonic systems
221	Graph Matching via Multidimensional Embeddings: A Novel Approach for Complex Ontology Alignment
222	Random Forest Regression for Stock Market Prediction
241	Sybil-based Virtual Data Poisoning Attacks in Federated Learning
243	Improved Image Forgery Detection Based on VGG16, Cosine Similarity, and Support Vector Machines
269	Challenges on Artificial Expert Acceptance in AHP Analysis
29	Towards Precision Medicine: Lung Nodule Detection and Classification Using 3D CT, ResNet-50
291	Dengue epidemic spread: modeling and optimal containment strategies
332	Design of formal control laws for time-constrained partially observable discrete event systems with the presence of disturbances
335	The Consensus Task in a Network with Positive Strictly Metzler Agents
356	New Approach to Observe the Radio Signatures of the Galactic Continuum
364	Dynamic Mode Decomposition (DMD) for Enhanced Epileptic Seizure Prediction from EEG Signals
365	Development of an Inertial Measurement System for the Kinematic Analysis of Human Gait
372	Bounded Confidence Opinion Dynamics in Non-Euclidean Norms: Containment and Convergence with Stubborn Agents
373	A Least Squares-Based Parameter Identification Methodology for Super Coiled Polymer Actuators
385	Fault Detection for Wastewater Treatment Plants Based on H-/L ∞ Observer
387	Optimizing Maximally Entangled State Generation via Pontryagin's Principle
388	Combined Symbolic Regression Approach and its Application for Synthesized Optimal Control
391	Optimized Path Planning for Autonomous Quadrotors in Dynamic Environments: A Comparative Study on Energy Efficiency and Performance
392	ICT and Social Media for Fighting Against Corruption: Case of Tunisia
400	On the Design of Interval Observers for Discrete-Time Linear Switched Systems without Using Similarity Transformations
402	Satellite anomaly detection through advanced forecasting, Z-Score analysis, and efficient data processing in the ground segment
403	Augmenting COVID-19 Tabular Data Using CTGAN and BLSTM for Improved Diagnostic Accuracy
410	Workplace Safety Enhancement through Industry 4.0 Adoption
421	Timed Fault Diagnosis in Switching Output Automata

425	Pricing and Ordering Decisions in a Supply Chain with Remanufacturing Operations: A Game-Theory Approach with Customer Choice Dynamics
426	Synchronization Analysis of Circadian Rhythms Using Kim-Forger Dynamics
429	Leveraging Machine Learning and Optimization in Home Health Care: Emerging Trends and Future Opportunities
431	Recommending Multidimensional Spatio-Temporal OLAP Queries
438	A New AI-Driven Optimizer for Enhanced Adaptability to Dynamic Multi-Objective Optimization Problems
447	THERMODYNAMIC ANALYSIS OF THE STEAM-ETHANE PYROLYSIS PROCESS
451	Toward Explainable AI in Smart Permaculture: Design of theXCropSys Framework for Crop Recommendation
454	Reduction of Flow Resistance with Hybrid TPMS Heat Exchangers
459	Control-over-the-air (COTA) for automotive comfort functions
467	Explainable optimized solution for the IGP weight design problem
468	Digital Twin of a Two-Tank System: A Bond Graph Modeling Approach
47	RansFighter: a GRU-based Tool for Ransomware Detection
471	Optimizing Edge Resource Allocation for Sustainable and Latency-aware Applications
474	Evaluation of Crowd Model Suitability for Mobile Robot Simulation
475	Spatial Dantzig-Wolfe decomposition for multi-commodity flow problem
479	Assessing Quantum Annealing to solve the Minimum vertex multicut
480	Adaptive Learning for Moving Target Defense: Enhancing Cybersecurity Strategies
482	On Advancements of the Forward-Forward Algorithm
486	Sharing Daily Travel Time across Multiple-periods Dial-a-Ride Problem
490	Dynamic pricing to control stochastic retail demand: Near-Optimal Weight Functions for Large Lots of Perishable Product Considering Leftovers
491	Fortinet devices as a tool to enhance cybersecurity and meet the requirements of the NIS2 directive by leveraging their services
506	Cooperative Aerial-Ground Vehicle Rendezvous with Integrated Obstacle Avoidance
508	Adaptive Resource-aware Decision Offloading for Robotic Functions
51	Scheduling of Flexible Manufacturing Systems Based on Place-Timed Petri Nets and Basis Reachability Graphs
522	Capacity analysis for a railway node using periodic timetabling
523	Modelling the mobile investment strategies under competition using mathematical programming
531	Entropy and information analysis of the interoperability of the emergency early warning system
546	Time-Frequency Analysis of Sympathetic Skin Response Signals for Detection of Peripheral Neuropathy Using Machine Learning Techniques
549	A Novel Approach for Enhancing LoRaWAN Performances Based on Optimization Algorithms
550	Adaptive RDP-FL: Enhancing Privacy-Preserving Federated Learning with Robust Differential Privacy Mechanisms
551	Towards solving the Cold Start and Explainability Challenges in Recommender Systems Using Knowledge Graphs and User Demographics Data
552	SDRE-Based Estimation and Control: A Comparative Study of Kalman and H-infinity Filters in Nonlinear Systems
553	Data-Driven Bed Assignment for Emergency Patients Using Unsupervised Learning
557	Data-Driven Image Resolution and Uplink Power Control for Mobile Augmented Reality Applications

559	Hybrid Approach for Parkinson's Disease Detection: Integrating Handcrafted and Deep Features from Handwriting Analysis Using a Voting Classifier
573	Hyperexponential ILF-Based Control for Synchronous Motor Using Model-Free Approach
577	Data-driven models for predicting no-show rates and service times in outpatient appointment scheduling
581	The Need for Non-Gaussian Noise in Control System Models. Why Non-Gaussian Noise Matters?
582	Measuring Multimodal Transportation Network Resilience Using Curvature-Core Decomposition and Flow Inequality Metrics
588	Improving Anomaly Detection in Industrial Time Series: The Role of Segmentation and Heterogeneous Ensemble
589	Fault-Tolerant Electric Actuator for Heavy Unmanned Aerial Vehicles Using a Harmonic Drive
590	Equivalent Diagonal Mutual Coupling Matrices for Narrowband ULA Beamformers
591	Fractional Order Lyapunov based Indirect Adaptive Backstepping Control Design for DELTA Robot
592	Neural Network Modeling on Bioconvection Flow Subjected to the Magnetic Source
593	A Fuzzy Decision Support System to Optimize Irrigation Practices in Trentino Region
594	Fault Tree analysis of degradation mechanisms in Low Temperature PEMFC system under two different anode circulation modes
595	Robust Multiobject Tracking Using MmWave Radar-Event-Camera Sensor Fusion
596	Multi-Head Attention-Driven Vision Transformers for Robust Tomato Disease Detection
77	Optimal Coverage-based Cooperative Guidance for Inferior Vehicles Against a Maneuvering Target
9	Drones Identification and Classification using Fingerprints in Spectrograms
99	A Novel Metaheuristic Based on the Nuclear Chain Reaction Process