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Nota di contenuto	Fuzzy-Sliding Mode Control based Yaw Stability Control Algorithm for Four-in-wheel-motor Drive Electric Vehicle -- Research on Dynamic Characteristics of Lateral Sloshing in Liquid Tank Semi-trailer -- Study on Dynamic Characteristics of Longitudinal Sloshing in Liquid Tank Semi-trailer -- Research on Model Predictive Control Method for Multi-paralleled DC-DC Converters -- Research on track reckoning of Automatic Parking System Based on Multi-information Fusion -- Direct Torque Control of A Segmented Switched Reluctance Motor for BSG in HEVs -- A High Precision Vehicle Tracking Algorithm Based on Digital Image Correlation -- Inconsistency Eect of Internal Resistance on Performance of Lithium-ion Battery Strings -- State Observer-Based Air-Fuel Ratio Regulation of Compressed Natural Gas Engines -- Stochastic Adaptive Tracking Control of Electronic Throttle -- Optimization of Control Strategy for Dual-motor Coupled Propulsion System Based on Dynamic Programming Method -- High-Precision Parameter Identication of Lithium-ion Battery Based on Voltage Signal Reconstruction -- A Camera-IMU Sensor Fusion for Robust Lane Information on Lateral Control System -- MPC-based fault tolerant control system for yaw stability of distributed drive electric vehicle -- Predictive Freeway Overtaking Strategy for Automated Vehicles Using

Deep Reinforcement Learning -- Takagi-Sugeno fuzzy control for the semi-active seat suspension with an electromagnetic damper -- A nite-time estimation algorithm for updating look-up tables -- Transient Dynamic Response Analysis of Engine Start for A Hybrid Electric Vehicle -- Trajectory Planning and Tracking for Autonomous Vehicle Considering Human Driver Personality -- Energy Management Strategy of Plug-in Hybrid Electric Vehicles Considering the Temperature Eect of Power Battery -- Fuzzy Logic Energy Management Strategy Based on Genetic Algorithm for Plug-in Hybrid Electric Vehicles -- Dynamic Programming Algorithm for Energy Management Strategy of Fuel Cell Electric Vehicle -- Adaptive Tracking Control for Active Seat Suspension System with Time-Varying Full State Constraints -- The electronic throttle controller based on the model reference adaptive nonlinear triple-step method -- Fast Segmentation of 3-D Point Clouds Based on Ground Plane State Tracking -- Optimization design and evaluation of shift point for electric bus based on multi-objective genetic algorithm -- Connected Cruise Control Based on Adaptive Dynamic Programming Considering Inertial Delay -- Hardware-in-the-loop simulation of electronic dierential moment power steering control strategy for multi-axle vehicle -- Internal Short Circuit Fault Diagnosis for Lithium-ion Battery Based on Voltage and Temperature -- Experimental investigation of water-cooling based thermal management for cylindrical Li-ion batteries -- Topology optimization design of 24GHz high gain microstrip antenna with metamaterial cover -- Study on the Eect of Dierent AC Excitations on the Internal Heating for Low-Temperature Batteries -- A Review on Source Seeking Control and Its Application to Wheeled Mobile Robots -- Research on Mechanism and Key Technology of Intelligent Vehicles Brake By Wire system -- Inuence of interconnect resistances on parallel-connected LiFePO4 cells performance -- Lateral Stability Control of Four-wheel Steering Vehicles -- Tracking of High-speed Emergency Avoidance Paths for Vehicles Based on Non-linear Active Disturbance Rejection Control -- Predictive Ecological Control: Using Road Terrain and Trac Signal Information for Improving Vehicle Energy Eciency -- Distributed Control Design based on Multi-Agent for Distributed Driving Electric Vehicle -- Performance Study of Direct Injection Gasoline Engine Based on Hydrogen Injection Strategy -- An Optimal Trajectory Planning for Autonomous Vehicles Based on Vehicle Dynamics Constraints -- Decision-Making for Oncoming Trac Overtaking Scenario using Double DQN -- Research on Strategy and Algorithm of Lateral Motion Control for Autonomous Driving Electric Vehicle -- Study of Comprehensive Evaluation for L2 Automated Vehicles on Field Test -- Degree of Hybridization Design for a Fuel Cell/Battery Hybrid Electric Vehicle Based on Multi-objective Particle Swarm Optimization -- Real-Time Estimation of Inertial Parameter for Lightweight Electric Vehicle Using Dual Kalman Filter -- Analysis of the Eciency of Two Dierent Electric-continuously Variable Transmission for Hybrid Electric Bus -- A Novel Gearshift Control Method based on Historical Driving Information -- Simulation of energy control strategy for hybrid electric vehicle based on modied dynamic programming -- Research on Electric Bulldozer Straight Driving Stability -- Study on the Estimation Method of the Forces on Vehicle Tires for ESC System -- Speed Control of Four-Wheel Independently Actuated Vehicle based on MPC Algorithm -- DOS-Robust Dynamic Speed Tracking Controller for an Integrated Motor-Gearbox Powertrain System of a Connected Car -- Personalized Controller Design for an Electro-mechanical Booster Braking System -- Preparation of RGO/Ni Nanoparticles with high-performance microwave absorption -- Thermal behavior analysis of

Pouch Lithium ion Battery using distributed electro-thermal model -- A Novel Three-Phase Single-Stage Isolated AC-DC Converter with Symmetrical Structure for Battery Charger -- On Development of An Autonomous Ball Collecting Wheeled Mobile Robot -- Machine learning algorithm based battery modeling and management method: A Cyber-Physical System perspective -- Intelligent Vehicle Collision Risk Modeling and Comprehensive Evaluation Method -- A Real-time and Parameterized Optimal Torque Distribution Strategy for 4WID Electric Vehicle without Road Adhesion Information -- A Nonlinear Model Predictive Controller Design for Electronic Throttle -- ADRC-Based Active Front Steering Strategy for Path Tracking of A Farm Vehicle -- Shift Quality Improvement of AMT by Using Torque Observer and Anti-Disturbance Controller -- First step to human-steering system modelling and control- Stretch reex characteristics of driver's upper limb muscles -- Sensorless Vector Control of Permanent Magnet Synchronous Motor Based on DSP -- A real-time dynamic trajectory planning for autonomous driving vehicles -- Design and Optimization of the Shift Schedule and Gear Ratios for a Two-speed Pure Electric Logistics Vehicle -- Frictional-electro Composite Braking System Based On Dual Brake Pedal -- Accurate Torque Control of Hybrid Engine Based on Transient Air Intake Observation -- A Multi-Cell-to-Multi-Cell Equalizer for Series-Connected Batteries Based on Flyback Conversion -- A Zero-Current-Switching Heater Based on Four-Resonant-State LC Converter for Low-Temperature Lithium-Ion Batteries of Electric Vehicles -- Stochastic Model Predictive Control Design for Gasoline Engines with EGR -- GA-based Velocity Planning Using Jerk as the Encoding Method for Autonomous Vehicles -- Lateral Positioning Method for Unmanned Roller Compactor Based on Visual Feature Extraction -- Development and Application of Unmanned Virtual Simulation HIL Testing Platform -- Path tracking control based on Deep reinforcement learning in Autonomous driving -- Adaptive Output Voltage Tracking Control for a Fuel Cell-Boost Converter Power Supply -- A travel classication method suitable for optimal control of electric vehicle operation -- Study on sensitivity of internal states to operating conditions within PEM fuel cell -- Modelling of a polymer electrolyte membrane fuel cell system with anodic and cathodic internal recirculation.