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Nota di contenuto	Calculation of Collapse Displacement of Steering Column Based on Interval Uncertainty -- Research on the Evolutionary Game of Low-Carbon Production Behavior in the New Energy Vehicle Supply Chain Considering Fairness Concerns -- Impact of Lateral Thickness Variations in Spokes on Non-pneumatic Tire Stiffness -- High-Available 12V Power Supply Systems for Electric Vehicles with Automated Driving Functions -- Finite Element Analysis of Shear Band for a Nonpneumatic Tire Based on Steel cords with Different Modulus of Elasticity in Tensile and Compressive -- Structural Design and Manufacturing Processes of Non-Pneumatic Tires: A Mini-Review -- Analysis of the Influence of Structural Parameters on Mechanical Characteristics of Honeycomb Porous Non-Pneumatic Tire -- Sum-of-Square Programming for Magnetorheological Suspension System with H Optimal Regulation -- Queue Vehicle State Prediction at Signalized Intersections Based on a Hybrid Model -- Optimal Event-Triggered Safety Control of Active Suspension Systems with Bioinspired Metaheuristic Algorithm.

This book presents an extensive exploration of the latest trends in Electric Vehicle and the boundless opportunities they offer. It has encompassed various facets including Intelligent Vehicle, Electric Vehicle Technology, Power Electronics and Motor Drives, Energy Systems and Storage, Electronic Control Systems, Battery Technologies, Autonomous and Connected Vehicles. The book is tailored for researchers, engineers, and practitioners deeply involved in the field of Electric Vehicle. It delves into the intricate technicalities of EV technology, providing profound insights and comprehensive discussions on its fundamental principles.
