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Nota di contenuto	Research on Calibration of Dynamic Simulation Models for Rail Vehicles -- Survey on current situation and development trend of measurement quality assurance technology -- Snowy Urumqi County Postal Logistics Road Transportation Route Planning Study -- A Dual-Stream Convolutional Network for Visible and Infrared Image Fusion in Pedestrian Detection -- Comparative Analysis of Lane Change Intention Recognition Models Based on the CitySim Dataset -- Enhanced SlowFast Networks with Dark Channel Prior for Nighttime Pedestrian Detection in Port Surveillance -- Research on the Application of Privacy Computing

Technology in the Scene of Railway Data Rights Con-firmation and Authorization -- A Fair Traffic Management Approach for Electric and Conventional Vehicles in Urban Areas -- A cooperative control model and simulation framework for unmanned aircraft considering multi-subject communication -- The Influence of Parameter Optimization of Rubber Nodes in High-speed Train Turning Arms on Suppressing Hunting Motion.

Sommario/riassunto

This book reflects the latest research trends, methods and experimental results in the field of Artificial Intelligence and Autonomous Transportation, which covers abundant state-of-the-art research theories and ideas. As a vital research area that is highly relevant to current developments in a number of technological domains, the topics covered include Autonomous Transportation Systems, Autonomous Transportation Management and Control Technology, Autonomous Transportation Equipment Technology, Vehicular Networking and Information Security, Emerging Technologies and Future Mobility, Intelligent water transportation technology, Cross-Domain Transportation Technology, and so on. The goal of the proceedings is to provide a major interdisciplinary forum for researchers, engineers, academics, and industry professionals to present the most innovative research and development in the field of Artificial Intelligence and Autonomous Transportation. Engineers and researchers from academia, industry, and government will also explore an insight view of the solutions that combine ideas from multiple disciplines in this area. The volumes serve as an excellent reference work for researchers and graduate students working in the areas of rail transportation, electrical engineering, and information technology.