

1. Record Nr.	UNINA9910462812803321
Titolo	Advances in intelligent transportation : system and technology : selected, peer reviewed papers from the 1st International Doctoral Annual Symposium on Intelligent Transportation Technology and Sustainable Development, September 15-16, 2012, Harbin, China / / edited by Decheng Feng
Pubbl/distr/stampa	Durnten-Zurich, Switzerland : , : Trans Tech Publications, , [2012] ©2012
ISBN	3-03813-892-4
Descrizione fisica	1 online resource (401 p.)
Collana	Advanced engineering forum ; ; v. 5
Altri autori (Persone)	FengDecheng
Disciplina	629.04
Soggetti	Transportation engineering Transportation - Planning Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Advances in Intelligent Transportation System and Technology; Preface, Committees and Sponsors; Table of Contents; Chapter 1: Intelligent Transportation Technique; Classification of Mobility of Cellular Phone Using Linear Classification and k-Clustering; A Review on Intelligent Distribution for Passenger Service Resources in Airport Terminal Building; Multi-Stakeholders Comparative Assessment of Freeway Traffic Conditions by Data Envelopment Analysis; A Cell-Based Regional Evacuation Model with Contra-Flow Lane Deployment Research on Traffic Characteristics and Traffic Conflicts of the One-Way-Closure Work Zone on FreewayA Dynamic Emergency Evacuation Network Optimization Problem with Crossing Elimination Strategy; A Game Theory Approach for the Operators' Behavior Analysis in the Urban Passenger Transportation Market; Price Transmission Mechanism of Transit Service in City; Transit OD Generation Based on Information Technology; Slow Traffic System Planning Should Pay Attention to Several Issues in Central Area of Cold Region - Take Harbin for Example

Risk Factors for the Injury Severity of Fatigue-Related Traffic Accidents; Theory of Allocating and Scheduling Resources at Airport Passenger Terminals: A Review; Study on the Scale Determination of Urban Rail Transfer Station; Driving Mode at Pothole-Subsidence Pavement Based on Wheel Path & Speed; Equilibrium Model of Urban Taxi Service Network Based on the Integrated Service Modes; Study on the Characteristic of Eye During Traffic Operation; Layout Optimization of Integrated Transfer Hub of Metropolis; NL Model on Traffic Mode Split among High-Density Town Cluster
Practice Analysis of Road Traffic Crashes Accident of a City in China; Influence of High-Grade Highway Construction on Industry-Economic Belt in Heilongjiang Province; Modeling for Driver Decision-Making Behavior during Amber Signal Time at Intersection; Evaluation Index System on Relationship between Urban Mass Rail Transit and its Surrounding Land Use Based on TOD Mode; Dynamic Network Selection in Vehicular Heterogeneous Wireless Networks; Two-Stage Data Mining Based Vehicle Navigation Algorithm in Urban Traffic Network
Analysis on Driver's Physiological and Eye Movement Characteristics under Alcohol Effect; Research on Route Selection Model of Road Network Emergency Evacuation under Ice and Snow; Modeling and Simulation of Bus Priority Oriented Urban Road Network Elastic Equilibrium; Chapter 2: Bridge Monitoring, Safety and Maintenance; A New Combination Method of Temperature and Vehicle Load Effects Based on SHM Data; Reinforcing the Bridges in Tunnel Excavation Region by Using a Method Combining Jacking Superstructure and Grouting Substructure
The Effect Analysis of Wind Load on Vehicle-Bridge Coupled Dynamic Behavior

Sommario/riassunto

This volume encompasses many aspects of intelligent transportation technology, bridge monitoring and maintenance, road engineering and materials science. The 67 peer-reviewed papers are grouped into 3 chapters: Intelligent Transportation Technique; Bridge Monitoring, Safety and Maintenance; Advanced Techniques in Road Engineering and Materials Science. Review from Book News Inc.: The symposium is designed to allow graduate students in different countries to communicate with each other and share the best ideas and results coming to fruition in intelligent transportation technology, bridge monitoring.
