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	Nota di contenuto	Data Driven Approach for Modeling the Mixed Traffic Conditions Using Supervised Machine Learning -- Microscopic traffic simulation approach to evaluate driving parameters at influence zone of the intersection -- Calibrating and Validation of Microsimulation Model for Indian Heterogeneous Traffic Flow - A Case Study -- Driver's Risk Compelling Behavior for Crossing Conflict Area at Three-legged Uncontrolled Intersection -- Analysis Of Driver Behaviour In Dilemma Zone At Signalized Intersection Under Mixed Traffic Condition -- Evaluation of Road Side Friction and Its Effect on Reduction of Capacity of Urban Arterial Roads of Some Selected Towns -- Public Transport User's Satisfaction Level in India -- Real-Time Bus Prediction System in City Transport -- Customer's Perception towards Taxi Management in

Kathmandu Valley -- Road crash severity ranking by applying A Multi-criteria decision-making tool: Analytical Hierarchy Process (AHP) -- Digital Eye for Visually Impaired – DEVI -- A Review on Strategic Pavement Maintenance with Machine Learning Techniques -- Intelligent Vehicle Module Using Image Processing -- Opportunistic Sensing based Route Demand Assessment and Feeder Bus Scheduling.

Sommario/riassunto	This book mainly focuses on the innovations in intelligent transportation infrastructure and management. The content of the book is selected in such a way that it will cover a wide range of areas to integrate advanced technologies and provide best and innovative solution to problems faced by the rapidly growing transportation sector. The topics of the book primarily address the needs of the students in civil, electrical, and mechanical engineering. It is equally useful as reference material for innovators, inventors, practitioners, and policymaker for an innovative and classified solution in the field of transportation and infrastructure management. Looking at the global electric and hybrid vehicles market, the book focuses on and discuss recent developments in electric mobility across the globe. In this edition, we try to feature toward an update on the performance and costs of batteries which is the current demand of the consumers. The book inspires researchers, innovators, industry experts, and policymakers to consider the solutions into the practice.