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Titolo	Elder mistreatment [[electronic resource]] : abuse, neglect, and exploitation in an aging America // Panel to Review Risk and Prevalence of Elder Abuse and Neglect ; Richard J. Bonnie and Robert B. Wallace, editors ; Committee on National Statistics and Committee on Law and Justice, Division of Behavioral and Social Sciences and Education, National Research Council of the National Academies
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Descrizione fisica	1 online resource (568 p.)
Altri autori (Persone)	BonnieRichard J WallaceRobert B. <1942->
Disciplina	362.6
Soggetti	Older people - Abuse of - United States
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 531
Disciplina	384.3
Soggetti	Computers and civilization Computer simulation Application software Computer networks Computers and Society Computer Modelling Computer and Information Systems Applications Computer Communication Networks
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Nota di contenuto	Intro -- Preface -- Organization -- Contents -- Data Flows in Urban Freight Transport Management System -- Abstract -- 1 Introduction -- 2 Difficulties in Data Acquisition in UFT -- 3 Categories of Data in Urban Freight Transport -- 4 Study on the Needs for Data in the Urban Freight Transport System -- 5 Preliminary Results -- 6 Conclusion -- Acknowledgements -- References -- Multicriteria Decision Support in Designing Transport Systems -- Abstract -- 1 Introduction -- 2 The Tools Used in Multi-criteria Decision Problems in Transport -- 2.1 General Remarks -- 2.2 The Issue of Decision-Making in the Literature -- 2.3 Standardization of the Variants Ratings in Multi-criteria Decision Support Methods -- 2.4 Methods of Variants Ranking in Multicriteria Decision Support -- 3 An Example of the Practical Use of Multi-criteria Decision Support -- 3.1 General Characteristics of SuperChoose

Application -- 3.2 Selection of a Variant of Servicing Potential of a Company -- 4 Conclusion -- References -- Impact of Road Conditions on the Normal Reaction Forces on the Wheels of a Motor Vehicle Performing a Straightforward Braking Maneuver -- Abstract -- 1 Introduction -- 2 The Assumptions for the Simulation -- 3 Selected Model of the Motor Vehicle -- 4 Disturbances Coming from the Road Surface -- 5 Simulation of the Brake Maneuver -- 6 Analysis of the Obtained Results -- 7 Conclusion -- References -- Video Processing for Detection and Tracking of Pedestrians and Vehicles at Zebra Crossings -- Abstract -- 1 Introduction -- 2 Automatic Pedestrian Detection and Tracking -- 2.1 Video Analysis -- 3 Test Sites -- 4 Video Processing Methodology -- 4.1 Vehicle Detection and Tracking -- 4.2 Pedestrian Detection and Tracking -- 5 Selected Problems -- 5.1 Vehicle Detection and Tracking -- 5.2 Pedestrian Detection and Tracking -- 6 Detection Results and Statistics.

7 Conclusion -- References -- Control of Coordinated Systems Traffic Lights. Cloud Computing Technology -- Abstract -- 1 The Road Collision in GSM/GPRS Environment -- 1.1 Automobile on-Board Digital Networks -- 1.2 Wireless Transmission Data Over TCP/IP and GPRS Networks -- 2 Database Systems in Intelligent Transport System (Road Systems) -- 3 Architectures of Database Systems -- 3.1 Architecture ANSI-SPARC -- 3.2 Architecture of a Distributed Database System. An Federated Data Base System - FDBS -- 3.3 Heterogeneous Database Networks -- 4 Cloud Computing Technology in Intelligent Transport System (Road Systems) -- 4.1 SQL Azure as a CC (Cloud Computing) Technology -- 5 Case Study. Handling a Software Priority Request in Azure SQL Technology in Intelligent Transport System Applications -- 6 Conclusion -- References -- Utility of Information from Road Weather Stations in Intelligent Transport Systems Application -- Abstract -- 1 Introduction -- 2 Road Weather Station -- 3 Variable Message Sign Management Algorithm -- 4 General Characterization of Empirically Collected Set of Data -- 5 Utility of Information from Road Weather Stations -- An Evaluation -- 6 Conclusion -- References -- Computer Aided Implementation of Logistics Processes -- Selected Aspects -- Abstract -- 1 Introduction -- 2 Tools Supporting Decisions in Logistics Processes -- 3 Logistics Systems Designing Procedure -- 4 Examples of Computer Aided Implementation of Logistics Processes -- 4.1 Computer Aided Design of Warehousing Process (SCHE) -- Micro-logistics -- 4.2 Computer Aided Organization of Logistics Network for Supply and Distribution of Production Companies by LogMND -- Mezo-Logistics -- 5 Conclusion -- References -- Algorithm for Analysis of Road Surface Degradation -- Abstract -- 1 Introduction -- 1.1 Equipment Used in Slovakia.

1.2 Technical Specifications Used in Slovakia -- 2 The Algorithm for Detection of Road Surface Degradation -- 2.1 The Mobile Measurement Platform -- 2.2 The 3D Model of Road Surface -- 2.3 The Algorithm for Analysis of Road Surface Degradation -- 3 Conclusion -- Acknowledgments -- References -- Safety Analysis of Accidents Call System Especially Related to In-Land Water Transport Based on New ... -- Abstract -- 1 Introduction -- 2 E-Call System -- 3 Emergency Notification System for Tourists Yachts -- 4 Markov Models -- 5 Conclusion -- References -- Modeling of Process of Maintenance of Transport Systems Telematics with Regard to Electromagnetic Interferences -- Abstract -- 1 Introduction -- 2 Basic Issues Concerning Electromagnetic Compatibility in the Transport Environment -- 3 Modeling of Transport Telematics Systems Maintenance with Regard to Additive and Multiplicative Electromagnetic Interference -- 4 Conclusion -- Model of the Hierarchical Process of

Managing the Approaching Air Traffic in the Terminal Area -- Abstract -- 1 Introduction -- 2 Landing Aircraft Scheduling as a Part of the Air Traffic Management in the Airport Area -- 2.1 General Principles of Planning the Traffic Incoming to the Airport -- 2.2 Airport Capacity and Air Operations Safety -- 2.3 Multi-level Process of Forming the Landing Aircraft Queue -- 3 The Model of Hierarchical Process of Landing Aircraft Scheduling -- 3.1 Subject of Modelling - the Area of Analysis and Assumptions -- 3.2 Model of Hierarchical Scheduling Process -- 3.3 Coloured Petri Net for Evaluation of the Process of Managing the Approaching Air Traffic in the Terminal Area -- 4 Simulation Analysis of the Hierarchical Process of Arrivals Management -- 4.1 The Module for Determination of the Landing Sequence -- 4.2 Scheduling Algorithm Evaluation - Simulation Experiments -- 5 Conclusion -- References.

Innovative Control System for High Efficiency Electric Urban Vehicle -- Abstract -- 1 Introduction -- 2 Concepts -- 3 Project and Realization -- 3.1 The Control Unit -- 3.2 Driver Interface -- 3.3 Data Measurement and Storage System -- 4 Laboratory Tests -- 4.1 Test Bench -- 4.2 Test on the Bench -- 4.3 Verification of Smoke and Combustible Gases Sensor -- 5 Conclusion -- References -- Information System for Drivers Within the Integrated Traffic Management System - TRISTAR -- Abstract -- 1 Introduction -- 1.1 Advanced Traveler Information Systems in Poland -- 2 Traveler Information System for Drivers in TRISTAR -- 2.1 System Infrastructure -- 2.2 Messages on VMS and VMB Devices -- 2.3 Relationship Between ATIS and Other TRISTAR Subsystems -- 2.4 ATIS Algorithms -- 3 Conclusion -- References -- Software Quality Assurance in e-Navigation -- Abstract -- 1 Introduction -- 2 The IMO Guideline on Software Quality Assurance -- 3 Scope of the IMO Guideline on SQA -- 4 Definitions of Terms Related to SQA -- 5 Quality Management System -- 6 Software Quality Assurance -- 7 Conclusion -- References -- Software Simulation of an Energy Consumption and GHG Production in Transport -- Abstract -- 1 Introduction -- 2 Model Study -- 2.1 Vehicle Technical Parameters -- 3 Calculation of Energy Consumption and Emission Production -- 3.1 Standard EN 16258: 2012 and Its Using in Calculations -- 3.2 Electric Energy Consumption -- 3.3 GHG Production -- 4 Evaluation -- 5 Conclusion -- References -- Traffic Processes Models in Traffic Water Engineering Systems -- Abstract -- 1 Introduction -- 2 Formulation of the Problem -- 3 Analytical Research -- 4 Examples -- 5 Conclusion -- References -- Motor Vehicle Safety Technologies in Relation to the Accident Rates -- Abstract -- 1 Introduction -- 2 Road Transportation Accident Rates -- 3 Safety Systems in Motor Vehicles.

4 Cooperative Systems -- 5 Vehicle - to - Vehicle Communication -- 6 Conclusion -- References -- Concept of a Telematics System Model in Crisis Management -- Abstract -- 1 Introduction -- 2 Regional Warning System RSO -- 3 The Concept of the Telematics System Model -- 4 Conclusion -- References -- Proposal of on-Line Key Management System Solutions for Railway Applications Based on Asymmetric Cryptography -- Abstract -- 1 Introduction -- 2 Key Management System for Safety-Related Applications -- 3 Proposal of on-Line KMS Based on Asymmetric Cryptography -- 4 Conclusion -- Acknowledgement -- References -- Transformations in the Ticket Distribution Network for Public Urban Transport in the Processes of Implementation of Electronic Fare Collection Systems -- Abstract -- 1 Introduction -- 2 System of Paper Tickets Sales and Distribution in Municipal Transport Union of the Upper Silesian Industrial District (KZK GOP) -- 3 Functioning of the System of Ticket Sales and Distribution

After Implementation of the Silesian Card of Public Services (015AKUP)
-- 4 Comparison of Distribution Costs for Urban Transport Tickets
Before and After Introduction of the 015AKUP Card -- 5 Conclusion --
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the Safety Management System -- 3 Risk in the Rail Transport -- 4
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Protocols Used Within Cooperative - Intelligent Transportation Systems
with Focus on Security -- Abstract -- 1 Introduction -- 2 Basic Scenario
for Maintaining the Transmitted Messages Trustworthy -- 3
Experimental Part -- 4 Conclusion -- Acknowledgement -- References
-- Improvement of Public Transportation as an Instrument of Transport
Policy in Cities of Agglomeration -- Abstract -- 1 Introduction.
2 Transportation Policy in Cities of Agglomeration: Goals and
Instruments for Implementation.

Sommario/riassunto

This book constitutes the proceedings of the 15th International Conference on Transport Systems Telematics, TST 2015, held in Wroclaw, Poland, in April 2015. The 35 revised full papers and two short papers included in this volume were carefully reviewed and selected from 115 submissions. The papers provide an overview of solutions being developed in the fields of transport telematics and intelligent transport systems.
