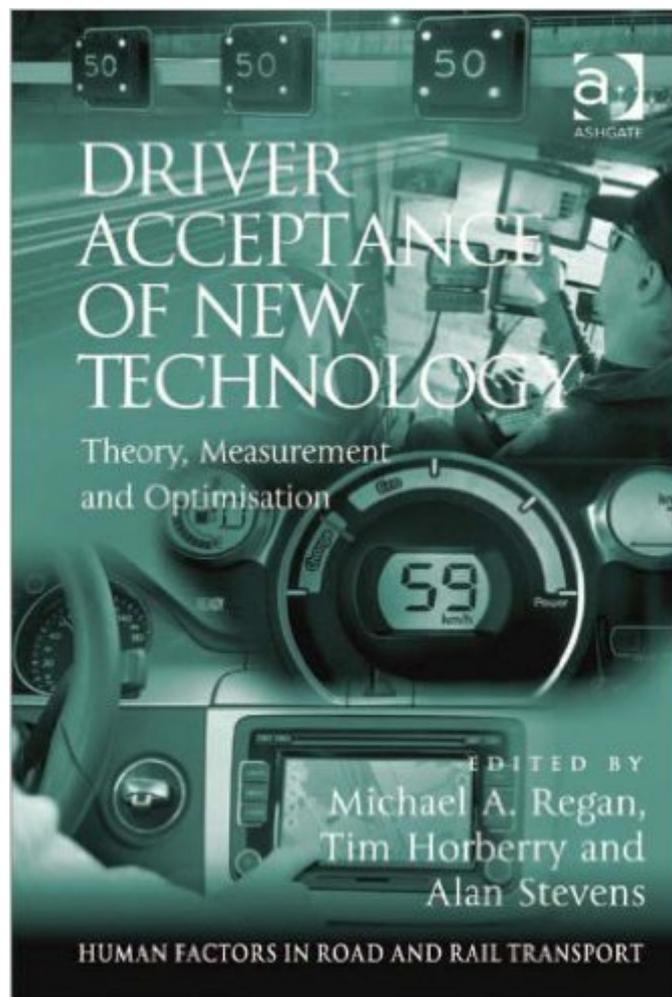


The book was found

Driver Acceptance Of New Technology: Theory, Measurement And Optimisation (Human Factors In Road And Rail Transport)



Synopsis

Acceptance of new technology and systems by drivers is an important area of concern to governments, automotive manufacturers and equipment suppliers, especially technology that has significant potential to enhance safety. To be acceptable, new technology must be useful and satisfying to use. If not, drivers will not want to have it, in which case it will never achieve the intended safety benefit. Even if they have the technology, drivers may not use it if it is deemed unacceptable, or may not use it in the manner intended by the designer. At worst, they may seek to disable it. This book brings into a single edited volume the accumulating body of thinking and research on driver and operator acceptance of new technology. Bringing together contributions from international experts from around the world, the editors have shaped a book that covers the theory behind acceptance, how it can be measured and how it can be improved. Case studies are presented that provide data on driver acceptance of a wide range of new and emerging vehicle technology. Although driver acceptance is the central focus of this book, acceptance of new technology by operators in other domains, and across cultures, is also investigated. Similarly, perspectives are derived from domains such as human computer interaction, where user acceptance has long been regarded as a key driver of product success. This book comes at a critical time in the history of the modern motor vehicle, as the number of new technologies entering the modern vehicle cockpit rapidly escalates. The goal of this book is to inspire further research and development of new vehicle technology to optimise user acceptance of it; and, in doing so, to maximise its potential to be useful, satisfying to use and able to save human life.

Book Information

File Size: 8174 KB

Print Length: 385 pages

Page Numbers Source ISBN: 1409439844

Publisher: Ashgate (February 28, 2014)

Publication Date: February 28, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00IF9HVQE

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,236,910 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #185

inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Automotive > Driver's Education

#189 inÂ Kindle Store > Kindle eBooks > Business & Money > Industries > Insurance > Risk

Management #220 inÂ Kindle Store > Kindle eBooks > Reference > Writing, Research &

Publishing Guides > Technical

[Download to continue reading...](#)

Driver Acceptance of New Technology: Theory, Measurement and Optimisation (Human Factors in Road and Rail Transport) Best Rail Trails California: More Than 70 Rail Trails Throughout The State (Best Rail Trails Series) Conceptual Foundations of Human Factors Measurement (Human Factors and Ergonomics) Handbook of Aviation Human Factors, Second Edition (Human Factors in Transportation (Hardcover)) USA by Rail, 6th (Bradt Rail Guides) Linux PCI Device Driver - A Template (Linux Driver Development) Linux Char Device Driver - A Template (Linux Driver Development) The Mindfulness and Acceptance Workbook for Anxiety: A Guide to Breaking Free from Anxiety, Phobias, and Worry Using Acceptance and Commitment Therapy Mindfulness and Acceptance for Treating Eating Disorders and Weight Concerns: Evidence-Based Interventions (The Context Press Mindfulness and Acceptance Practica Series) Modeling Groundwater Flow and Contaminant Transport (Theory and Applications of Transport in Porous Media) Getting There: The Epic Struggle between Road and Rail in the American Century Assistive Technology: Essential Human Factors Human Computer Interaction Handbook: Fundamentals, Evolving Technologies, and Emerging Applications, Third Edition (Human Factors and Ergonomics) A Human Error Approach to Aviation Accident Analysis: The Human Factors Analysis and Classification System Human Factors Methods for Design: Making Systems Human-Centered Freight Forwarding and Multi Modal Transport Contracts (Maritime and Transport Law Library) ASTNA Patient Transport: Principles and Practice (Air & Surface Patient Transport: Principles and Practice) Transport Nursing (CTRN) Review (Certification in Transport Nursing Book 1) Safety Differently: Human Factors for a New Era, Second Edition Get Out of Your Mind and Into Your Life: The New Acceptance and Commitment Therapy (A New Harbinger Self-Help Workbook)

[Dmca](#)