



Vehicular ad hoc Networks in Intelligent Transportation Systems

By Francisco J. Martinez

LAP Lambert Acad. Publ. Feb 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x12 mm. Neuware - The convergence of telecommunication, computing, wireless, and transportation technologies facilitates that our roads and highways can be both our communications and transportation platforms. These changes will completely revolutionize when and how we access services, communicate, commute, entertain, and navigate, in the coming future. The specific characteristics of vehicular networks favor the development of attractive and challenging services and applications. In this book we focus on safety applications. Specifically, we develop and evaluate a novel protocol to improve safety on the road. Our proposal combines location information of vehicles, and roadmap scenario characteristics, to improve warning message dissemination. In safety- based applications for vehicular networks our approach is able to reduce the broadcast storm problem while maintaining a high message dissemination effectiveness towards surrounding vehicles. Finally, we assess the performance of our proposed protocol using our enhanced simulation platform, evidencing the importance of an adequate simulation framework to achieve more realistic results and draw more meaningful conclusions. 200 pp. Englisch.



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Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ally Reichel**

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

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