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# Handbook of Intelligent Vehicles

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The Handbook of Intelligent Vehicles provides a complete coverage of the fundamentals, new technologies, and sub-areas essential to the development of intelligent vehicles; it also includes advances made to date, challenges, and future trends. Significant strides in the field have been made to date; however, so far there has been no single book or volume which captures these advances in a comprehensive format, addressing all essential components and subspecialties of intelligent vehicles, as this book does. Since the intended users are engineering practitioners, as well as researchers and graduate students, the book chapters do not only cover fundamentals, methods, and algorithms but also include how software/hardware are implemented, and demonstrate the advances along with their present challenges. Research at both component and systems levels are required to advance the functionality of intelligent vehicles. This volume covers both of these aspects in addition to the fundamentals listed above.



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## **Editorial Review**

### **Review**

“Handbook of Intelligent Vehicles is an extremely valuable material for scientists, engineers and practitioners engaged to the new emerging field of Intelligent and Autonomous Vehicles and all the supporting technologies/disciplines.

More than 110 experts have contributed to these two volumes edited by Prof. Azim Eskandarian. Their expertise, their fresh look and novel ideas are reflected in every section. The result is an extremely ambitious title that could easily be the best seller in the field of Intelligent Vehicles for many years to come.”

Christos-Nikolaos E. Anagnostopoulos, University of the Aegean, IEEE Intelligent Transportation Systems  
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### **About the Author**

Professor Azim Eskandarian has spent over 12 years directing a centre, which focuses on intelligent vehicles and transportation systems, at The George Washington University. In 2008 he was elected to the Board of Governors of the IEEE ITS society. He is also an associate editor and editorial board member of five journals, including the *IEEE Intelligent Transportation Systems Transactions* and the *International Journal of Automotive Technology*.

## **Users Review**

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