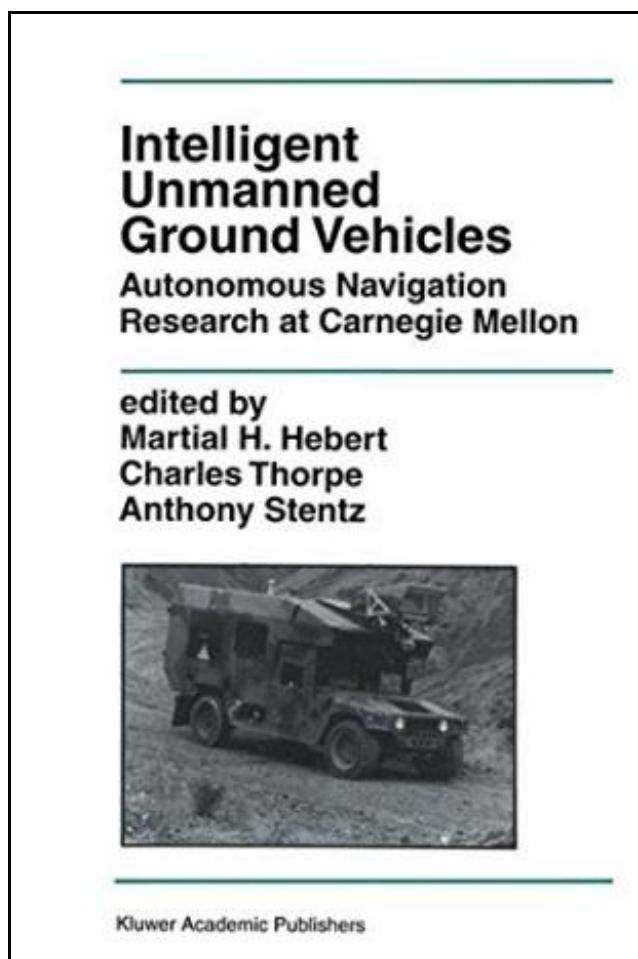


Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon (Hardback)



Filesize: 8.06 MB

Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.
(Dr. Reta Murphy)

INTELLIGENT UNMANNED GROUND VEHICLES: AUTONOMOUS NAVIGATION RESEARCH AT CARNEGIE MELLON (HARDBACK)



[DOWNLOAD PDF](#)

To save **Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon (Hardback)** eBook, remember to follow the button under and download the document or have accessibility to additional information that are highly relevant to INTELLIGENT UNMANNED GROUND VEHICLES: AUTONOMOUS NAVIGATION RESEARCH AT CARNEGIE MELLON (HARDBACK) ebook.

Kluwer Academic Publishers, United States, 1997. Hardback. Book Condition: New. 1997 ed.. 241 x 160 mm. Language: English . Brand New Book ***** Print on Demand *****.Intelligent Unmanned Ground Vehicles describes the technology developed and the results obtained by the Carnegie Mellon Robotics Institute in the course of the DARPA Unmanned Ground Vehicle (UGV) project. The goal of this work was to equip off-road vehicles with computer-controlled, unmanned driving capabilities. The book describes contributions in the area of mobility for UGVs including: tools for assembling complex autonomous mobility systems; on-road and off-road navigation; sensing techniques; and route planning algorithms. In addition to basic mobility technology, the book covers a number of integrated systems demonstrated in the field in realistic scenarios. The approaches presented in this book can be applied to a wide range of mobile robotics applications, from automated passenger cars to planetary exploration, and construction and agricultural machines. Intelligent Unmanned Ground Vehicles shows the progress that was achieved during this program, from brittle specially-built robots operating under highly constrained conditions, to groups of modified commercial vehicles operating in tough environments. One measure of progress is how much of this technology is being used in other applications. For example, much of the work in road-following, architectures and obstacle detection has been the basis for the Automated Highway Systems (AHS) prototypes currently under development. AHS will lead to commercial prototypes within a few years. The cross-country technology is also being used in the development of planetary rovers with a projected launch date within a few years. The architectural tools built under this program have been used in numerous applications, from an automated harvester to an autonomous excavator. The results reported in this work provide tools for further research development leading to practical, reliable and economical mobile robots.



[Read Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon \(Hardback\) Online](#)



[Download PDF Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon \(Hardback\)](#)

You May Also Like



[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Follow the link below to download "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF document.

[Save eBook »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Follow the link below to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." PDF document.

[Save eBook »](#)



[PDF] Under My Skin: My Autobiography to 1949

Follow the link below to download "Under My Skin: My Autobiography to 1949" PDF document.

[Save eBook »](#)



[PDF] Suzuki keep the car world (four full fun story + vehicles illustrations = the best thing to buy for your child(Chinese Edition)

Follow the link below to download "Suzuki keep the car world (four full fun story + vehicles illustrations = the best thing to buy for your child(Chinese Edition)" PDF document.

[Save eBook »](#)



[PDF] Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph

Follow the link below to download "Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph" PDF document.

[Save eBook »](#)



[PDF] Letters to Grant Volume 2: Volume 2 Addresses a Kaleidoscope of Stories That Primarily, But Not Exclusively, Occurred in the United States. It de

Follow the link below to download "Letters to Grant Volume 2: Volume 2 Addresses a Kaleidoscope of Stories That Primarily, But Not Exclusively, Occurred in the United States. It de" PDF document.

[Save eBook »](#)