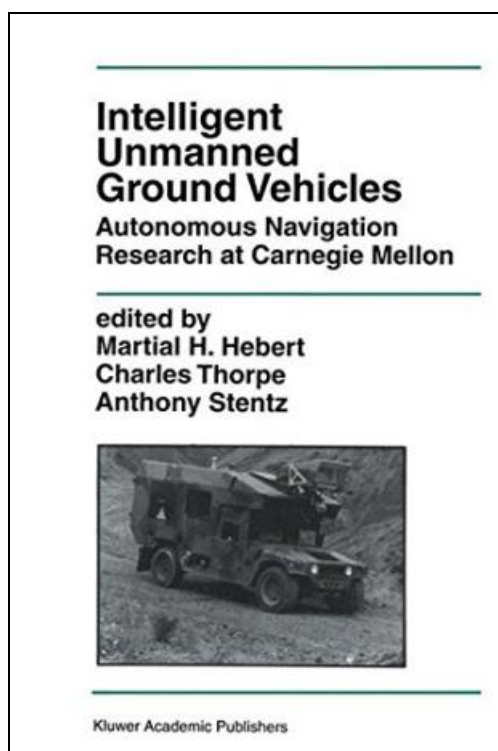


Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon (Hardback)



Filesize: 8.09 MB

Reviews

It is straightforward in go through easier to recognize. I actually have study and that i am sure that i will going to study yet again again down the road. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Jaclyn Johns DDS)

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

[DOWNLOAD](#)

To get **Intelligent Unmanned Ground Vehicles: Autonomous Navigation Research at Carnegie Mellon (Hardback)** PDF, remember to access the web link under and download the document or gain access to other information which are in conjunction with 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 \(Hardback\)](#)

See Also

**[PDF] The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)**

Click the link listed below to download "The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)" PDF document.

[Read](#) [Document](#)

»

**[PDF] Hope for Autism: 10 Practical Solutions to Everyday Challenges**

Click the link listed below to download "Hope for Autism: 10 Practical Solutions to Everyday Challenges" PDF document.

[Read](#) [Document](#)

»

**[PDF] Violin Concerto, Op.82: Study Score**

Click the link listed below to download "Violin Concerto, Op.82: Study Score" PDF document.

[Read](#) [Document](#)

»

**[PDF] Public Opinion + Conducting Empirical Analysis**

Click the link listed below to download "Public Opinion + Conducting Empirical Analysis" PDF document.

[Read](#) [Document](#)

»

**[PDF] The Adventures of a Plastic Bottle: A Story about Recycling**

Click the link listed below to download "The Adventures of a Plastic Bottle: A Story about Recycling" PDF document.

[Read](#) [Document](#)

»

**[PDF] Oxford First Illustrated Science Dictionary**

Click the link listed below to download "Oxford First Illustrated Science Dictionary" PDF document.

[Read](#) [Document](#)

»