Vision and Navigation

The Carnegie Mellon Navlab

edited by Charles E. Thorpe

oreword by Takeo Kanade



Kluwer Academic Publishers

DOWNLOAD



Vision and Navigation: The Carnegie Mellon NAVLAB (Hardback)

By -

Kluwer Academic Publishers, United States, 1990. Hardback. Book Condition: New. 1990 ed.. 241 x 163 mm. Language: English . Brand New Book ***** Print on Demand *****. Mobile robots are playing an increasingly important role in our world. Remotely operated vehicles are in everyday use for hazardous tasks such as charting and cleaning up hazardous waste spills, construction work of tunnels and high rise buildings, and underwater inspection of oil drilling platforms in the ocean. A whole host of further applications, however, beckons robots capable of autonomous operation without or with very little intervention of human operators. Such robots of the future will explore distant planets, map the ocean floor, study the flow of pollutants and carbon dioxide through our atmosphere and oceans, work in underground mines, and perform other jobs we cannot even imagine; perhaps even drive our cars and walk our dogs. The biggest technical obstacles to building mobile robots are vision and navigation-enabling a robot to see the world around it, to plan and follow a safe path through its environment, and to execute its tasks. At the Carnegie Mellon Robotics Institute, we are studying those problems both in isolation and by building complete systems. Since 1980, we...



READ ONLINE
[2.27 MB]

Reviews

This is the greatest pdf i actually have go through right up until now. It is actually packed with knowledge and wisdom I found out this book from my dad and i advised this publication to find out.

-- Arely Rath

I actually started reading this pdf. It can be rally exciting through reading period of time. Your lifestyle span is going to be enhance as soon as you total reading this ebook.

-- Nya Bechtelar

Other eBooks



The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. Premium ed. 241 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access to Adobe Creative Cloud updates on your...



EU Law Directions

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the key topics and developments in this fast-paced...



Public Opinion + Conducting Empirical Analysis

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that we expect the public to have some...



The Adventures of a Plastic Bottle: A Story about Recycling

SIMON SCHUSTER, United States, 2009. Paperback. Book Condition: New. Children s Tk, Pete Whitehead (illustrator). Original ed.. 203 x 196 mm. Language: English. Brand New Book. Learn about recycling from a new perspective! Peek into this diary of a plastic bottle...



Hope for Autism: 10 Practical Solutions to Everyday Challenges

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****. Hope for Autism: 10 Practical Solutions to Everyday Challenges, provides answers to the many questions...



Oxford First Illustrated Science Dictionary

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 241 x 188 mm. Language: English . Brand New Book. The Oxford First Illustrated Science Dictionary supports the curriculum and gives your child a head start in understanding first scientific words. Organised...