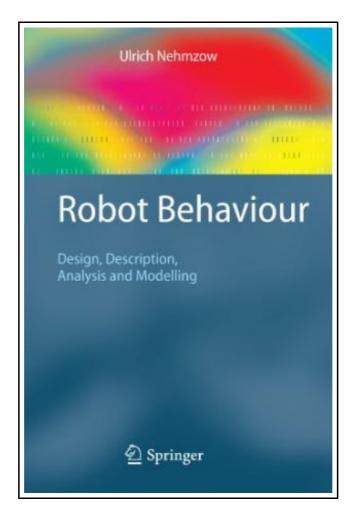
## Robot Behaviour: Design, Description, Analysis and Modelling



Filesize: 6.59 MB

#### **Reviews**

Very beneficial to all type of folks. I could comprehended every thing using this created e pdf. I found out this book from my i and dad suggested this book to find out.

(Ms. Madaline Nienow)

### ROBOT BEHAVIOUR: DESIGN, DESCRIPTION, ANALYSIS AND MODELLING



Springer, 2009. Soft cover. Book Condition: New. "Robot Behaviour - Design, Description, Analysis and Modelling" is the successor to the first textbook published in this field: Scientific Methods in Mobile Robotics and introduces the emerging field of scientific methods in mobile robotics to a wider audience of advanced undergraduate students, postgraduate students as well as researchers in robotics, artificial intelligence, cognitive science, ethology, biology and psychology. Raising some of the big questions that roboticists should be concerned about - how can (robot) behaviour be described quantitatively?, how can experimental results be compared meaningfully?, is it possible to design faithful and accurate robot simulators@, etc - , this book gives indicators on how these might be addressed, and looks at how behaviour - in this case the behaviour of autonomous mobile robots? can be measured quantitatively, analysed, compared, and modelled. Statistical methods are introduced to compare behaviours and to state statistically significant differences in behaviour. Transparent modelling techniques derived from system identification are presented to obtain models of robot behaviour in closed mathematical form. With numerous exercises (and solutions) and examples from research, including how robot behaviours can be compared and evaluated, how robot platform-independent code (Robot Java) can be obtained, how to determine analytically which sensors of a robot are important and which are not, and how to obtain robot control code directly from observing a human demonstrator, without any traditional programming, this book will be of great value to researchers and graduate students in mobile robotics, behavioural science and cognitive science.

Read Robot Behaviour: Design, Description, Analysis and Modelling Online
Download PDF Robot Behaviour: Design, Description, Analysis and Modelling

#### Other Books



### Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

Save Book »



# TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Save Book »



# TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Save Book »



## Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 282 Publisher: Higher Education Pub. Date: 2009-01-01 version 2. This book is...

Save Book »



#### And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. A highly personal and moving true story of friend-ship and...

Save Book »