



Nonlinear Control of Vehicles and Robots (Paperback)

By Béla Lantos, Lőrinc Márton

Springer London Ltd, United Kingdom, 2013. Paperback. Condition: New. 2011 ed.. Language: English . Brand New Book ***** Print on Demand *****.Nonlinear Control of Vehicles and Robots develops a unified approach to the dynamic modeling of robots in terrestrial, aerial and marine environments. The main classes of nonlinear systems and stability methods are summarized and basic nonlinear control methods, useful in manipulator and vehicle control, are presented. Formation control of ground robots and ships is discussed. The book also deals with the modeling and control of robotic systems in the presence of non-smooth nonlinearities. Robust adaptive tracking control of robotic systems with unknown payload and friction in the presence of uncertainties is treated. Theoretical and practical aspects of the control algorithms under discussion are detailed. Examples are included throughout the book allowing the reader to apply the control and modeling techniques in their own research and development work. Some of these examples demonstrate state estimation based on the use of advanced sensors as part of the control system.



[READ ONLINE](#)
[6.92 MB]

Reviews

This book is definitely worth acquiring. I have go through and so i am certain that i will likely to read through again again in the future. Its been printed in an exceptionally basic way in fact it is only after i finished reading this publication in which actually altered me, change the way in my opinion.

-- Andres Bashirian

Comprehensive guide for publication fanatics. This really is for all who statte there had not been a well worth reading through. I discovered this ebook from my dad and i encouraged this book to find out.

-- Lacy Goldner

See Also



[Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers](#)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



[Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...



[Depression: Cognitive Behaviour Therapy with Children and Young People](#)

Taylor Francis Ltd, United Kingdom, 2009. Paperback. Book Condition: New. 242 x 174 mm. Language: English . Brand New Book. In recent years there has been an increase in research into childhood depression, and it is now recognised that depression can severely...



[Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts](#)

Book Condition: Brand New. Book Condition: Brand New.



[The Stories Mother Nature Told Her Children](#)

1st World Library, United States, 2005. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.Purchase one of 1st World Library s Classic Books and help support our free internet library of downloadable...



[ESV Study Bible, Large Print \(Hardback\)](#)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV Study Bible into a highly readable, large-print...