



Distributed Robot Flocking Control

By Wang, Zongyao / Gu, Dongbing

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Communication and Cooperation of Multiple Robots | The collective and cooperation behaviour of living beings, such as flocks of bird, shoals of fish, herds of wildebeest has certain advantages, including avoiding predators, increasing the chance of finding food, saving energy. This book introduces how to build a robot flocking system with similar behaviour to biological flocking. You can learn how to control the robots to move like a group, cohesively avoid obstacles and cooperatively track a target. The flocking system is analysed with control theory and tested via realistic simulations and real robots experiments. You will see a group of wifibots using wifi-cameras to track a moving target and sixty UAVs flying like a swarm. | Format: Paperback | Language/Sprache: english | 144 pp.



[READ ONLINE](#)
[4.64 MB]



Reviews

If you need to adding benefit, a must buy book. It really is writter in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.

-- Letha Okuneva

This is an amazing ebook that we have possibly go through. It really is filled with wisdom and knowledge Its been developed in an extremely straightforward way and is particularly merely after i finished reading this ebook where in fact altered me, affect the way in my opinion.

-- Berta Schmidt

Other Kindle Books



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year olds, with an engaging story, colourful pictures...



Genuine] action harvest - Kunshan Yufeng Experimental School educational experiment documentary(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 Pages: 377 Publisher: Fujian Education Press title: action with harvest - Kunshan Yufeng Experimental School educational experiment...



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



Unbored Adventure: 70 Seriously Fun Activities for Kids and Their Families

Bloomsbury Publishing Plc. Paperback. Book Condition: new. BRAND NEW, Unbored Adventure: 70 Seriously Fun Activities for Kids and Their Families, Joshua Glenn, Elizabeth Foy Larsen, Tony Leone, Mister Reusch, Heather Kasunick, UNBORED Adventure has all the smarts, innovation, and free-wheeling spirit of...



Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)

Perigee. PAPERBACK. Book Condition: New. 0399526544 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! * I...