

Flocking for Multi-Agent Dynamical Systems

Filesize: 8.62 MB

Reviews

I just started looking over this ebook. I could possibly comprehended everything out of this published e publication. You are going to like the way the author compose this publication. (Giles Vandervort DDS)

FLOCKING FOR MULTI-AGENT DYNAMICAL SYSTEMS



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In this book, we discuss models for multi-agent dynamical systems. We study the tracking/migration problem for flocks and a theoretical framework for design and analysis of flocking algorithm is presented. The interactions between agents in the systems are denoted by potential functions that act as distance functions, hence, the design of proper potential functions is crucial in modelling and analyzing the flocking problem for multi-agent dynamical systems. Constructions for both non-smooth potential functions and smooth potential functions with finite cut-off are investigated in detail. The main contributions of this book are to extend the literature of continuous flocking models with impulsive control and delay. Lyapunov function techniques and techniques for stability of continuous and impulsive switching system are used. We study the asymptotic stability of the equilibrium of our models with impulsive controls and discover that by applying impulsive controls to Olfati-Saber's continuous model, we can remove the damping term and improve the performance by avoiding the deficiency caused by time delay in velocity sensing. | Format: Paperback | Language/Sprache: english | 171 gr | 220x150x6 mm | 116 pp.

Read Flocking for Multi-Agent Dynamical Systems Online
Download PDF Flocking for Multi-Agent Dynamical Systems

Other eBooks

THE Key to My Children Series: Evan s Eyebrows Say Yes

AUTHORHOUSE, United States, 2006. Paperback. Book Condition: New. 274 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. THE KEY TO MY CHILDREN SERIES: EVAN S EYEBROWS SAY YES is about... Read eBook »

\equiv		
_	_	

From Kristallnacht to Israel: A Holocaust Survivor s Journey

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.In the 1930s, as evil begins to envelope Europe, Karl Rothstein... Read eBook »

_

Leave It to Me (Ballantine Reader's Circle)

Ballantine Books. PAPERBACK. Book Condition: New. 0449003965 12+ Year Old paperback book-Never Read-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... Read eBook »

You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the... Read eBook »

		\square
	_	_
	-	-
	_	
Γ.		

hc] not to hurt the child's eyes the green read: big fairy 2 [New Genuine(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 :2008-01-01 Pages: 95 Publisher: Jilin Art Shop Books all new book...

Read eBook »

PDF	Guidelines: January-April 2013: Bible Study for Today s Ministry and Mission Brf (the Bible Reading Fellowship), United Kingdom, 2012. Paperback. Book Condition: New. 167 x 120 mm. Language: English . Brand New Book. The Editor writes.We start this issue on a high note, with a fortnight Read ePub »
PDF	31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Reading to children is a wonderful activity and past time that both parents Read ePub »
PDF	Violin Concerto, Op.53 / B.108: Study Score Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Commissioned by the eminent violinist Joseph Joachim after a Berlin meeting Read ePub »
PDF	Czech Suite, Op.39 / B.93: Study Score Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed rapidly during April of 1879 in the wake of his Read ePub »
PDF	The Water Goblin, Op. 107 / B. 195: Study Score Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 238 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The first of four late tone poems inspired by Bouquet, a

Read ePub »