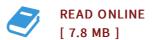




### Parallel Step Control

By Olga Dmitrieva

LAP Lambert Academic Publishing Mai 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - The work is devoted to the construction of efficient parallel algorithms of the integration step control in for simulation of dynamic objects. To select the optimum step size the paper proposes several parallel algorithms that are based on well-known, specially restructured methods of solving systems of ordinary differential equations. For these purposes, the parallel nested methods, explicit and implicit extrapolation schemes of variable order are used. As a criterion for the selection of the numerical scheme the inequalities which control accuracy and stability are used. When solving stiff problems, this allows at each step to select the optimum in terms of computational cost numerical scheme. Also the new difference block methods with the possibility of adapting the step, addressed at parallel implementation, are proposed. The basic idea, on which the design of block methods was based, is to obtain simultaneous approximations of the exact solution at points forming a block. On the basis of the proposed step size control algorithms test problems are implemented, the numerical solution of which provides the required accuracy with the...



#### Reviews

Basically no terms to clarify. It is actually writter in basic terms rather than confusing. I found out this ebook from my dad and i suggested this book to find out.

-- Elinore Vandervort

If you need to adding benefit, a must buy book. I could possibly comprehended every little thing out of this composed e pdf. I am quickly could get a enjoyment of looking at a composed book.

-- Mrs. Mariam Hartmann

### You May Also Like



## When Life Gives You Lemons. at Least You Won t Get Scurvy!: Making the Best of the Crap Life Gives You

Createspace Independent Publishing Platform, United States, 2013. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. A collection of stories and essays that give food for thought and make you laugh. (and sometimes...



#### The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English. Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to give your child an academically rigorous, comprehensive...



#### Ne ma Goes to Daycare

AUTHORHOUSE, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This book is about a little biracial (African American/Caucasian) girl s first day of daycare and preparing her for kindergarten....



#### DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



# Daddyteller: How to Be a Hero to Your Kids and Teach Them What's Really by Telling Them One Simple Story at a Time

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. You have the power, Dad, to influence and educate your child. You can teach your child about a virtue or...



### The Automatic Millionaire: A Powerful One-Step Plan to Live and Finish Rich (Canadian Edition)

Doubleday Canada, 2003. Soft cover. Book Condition: New. Book Description Bestselling financial advisor David Bach brings us his proven, revolutionary system that in one hour will make readers -- even those not smart about money, not disciplined or budget-minded -- rich. The...