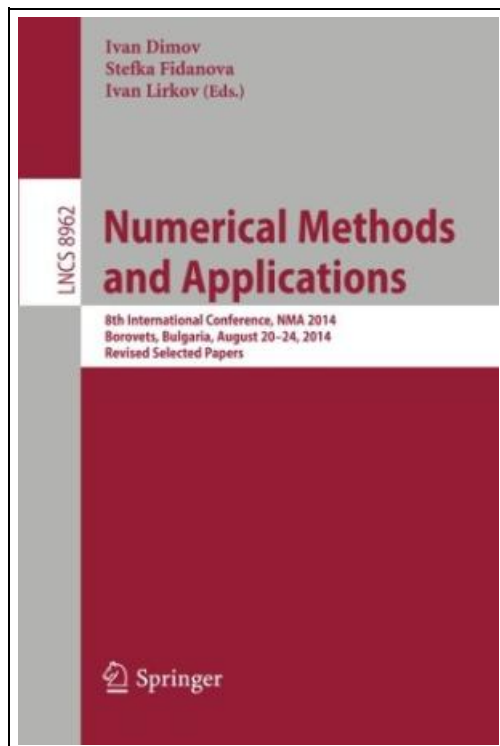


## Numerical Methods and Applications



Filesize: 3.61 MB

### ***Reviews***

*A fresh e book with a new viewpoint. It is among the most awesome ebook we have read through. Once you begin to read the book, it is extremely difficult to leave it before concluding.*  
**(Prof. Christelle Stark III)**

## NUMERICAL METHODS AND APPLICATIONS



To save **Numerical Methods and Applications** eBook, make sure you follow the hyperlink under and download the document or have accessibility to other information which might be have conjunction with NUMERICAL METHODS AND APPLICATIONS book.

Condition: New. Publisher/Verlag: Springer, Berlin | 8th International Conference, NMA 2014, Borovets, Bulgaria, August 20-24, 2014, Revised Selected Papers | This book constitutes the thoroughly refereed post-conference proceedings of the 8th International Conference on Numerical Methods and Applications, NMA 2014, held in Borovets, Bulgaria, in August 2014. The 34 revised full papers presented were carefully reviewed and selected from 56 submissions for inclusion in this book. The papers are organized in the following topical sections: Monte Carlo and quasi-Monte Carlo methods; metaheuristics for optimization problems; advanced numerical methods for scientific computing; advanced numerical techniques for PDEs and applications; solving large engineering and scientific problems with advanced mathematical models; numerical simulations and back analysis in civil and mechanical engineering. | A Note on Local Refinement for Direction Splitting Methods.- On Positivity Preservation in Some Finite Element Methods for the Heat Equation.- Optimized Particle Regeneration Scheme for the Wigner Monte Carlo Method.- Sensitivity Analysis of Design Parameters for Silicon Diodes.- Balancing of Systematic and Stochastic Errors in Monte Carlo Algorithms for Integral Equations.- Slot Machines RTP Optimization with Genetic Algorithms.- Hierarchical Topology in Parallel Differential Evolution.- On Meme Self-Adaptation in Spatially-Structured Multimemetic Algorithms.- An Ant Algorithm for the Partition Graph Coloring Problem.- Multi-exchange Neighborhoods for the Capacitated Ring Tree Problem.- Hebbian Versus Gradient Training of ESN Actors in Closed-Loop ACD.- Free Search in Multidimensional Space II.- A Semi-numerical Approach to Radiation Boundary Conditions.- Spectral Analysis of Geometric Multigrid Methods for Isogeometric Analysis.- Numerical Homogenization of Epoxy-Clay Composite Materials.- Isogeometric Analysis for Nonlinear Dynamics of Timoshenko Beams.- Deterministic Solution of the Discrete Wigner Equation.- Explicit-Implicit Splitting Schemes for Parabolic Equations and Systems.- Solving Two-Point Boundary Value Problems for Integro-Differential Equations Using the Simple Shooting-Projection Method.- HPC Simulations of the Fine Particulate Matter Climate of Bulgaria.- Tall RC Buildings Environmentally Degradated and Strengthened by...



[Read Numerical Methods and Applications Online](#)



[Download PDF Numerical Methods and Applications](#)



[Download ePUB Numerical Methods and Applications](#)

## Relevant Books



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

Access the link listed below to download and read "Preventing Childhood Eating Problems: A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts" file.

[Download eBook »](#)



**[PDF] Silly Jack and the Dancing Mice: Green A/1b**

Access the link listed below to download and read "Silly Jack and the Dancing Mice: Green A/1b" file.

[Download eBook »](#)



**[PDF] The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)**

Access the link listed below to download and read "The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)" file.

[Download eBook »](#)



**[PDF] Public Opinion + Conducting Empirical Analysis**

Access the link listed below to download and read "Public Opinion + Conducting Empirical Analysis" file.

[Download eBook »](#)



**[PDF] Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults**

Access the link listed below to download and read "Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults" file.

[Download eBook »](#)



**[PDF] Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes**

Access the link listed below to download and read "Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes" file.

[Download eBook »](#)



**[PDF] Plants vs. Zombies game book - to play the stickers 2 (puzzle game swept the world. most played together(Chinese Edition)**

Click the web link below to download "Plants vs. Zombies game book - to play the stickers 2 (puzzle game swept the world. most played together(Chinese Edition)" file.

[Read ePub »](#)



**[PDF] A Frosty Christmas: Christmas Stories, Funny Jokes, and Christmas Coloring Book!**

Click the web link below to download "A Frosty Christmas: Christmas Stories, Funny Jokes, and Christmas Coloring Book!" file.

[Read ePub »](#)



**[PDF] Monkeys Learn to Move: Puppet Theater Books Presents Funny Illustrated Bedtime Picture Values Book for Ages 3-8**

Click the web link below to download "Monkeys Learn to Move: Puppet Theater Books Presents Funny Illustrated Bedtime Picture Values Book for Ages 3-8" file.

[Read ePub »](#)



**[PDF] Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)**

Click the web link below to download "Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)" file.

[Read ePub »](#)



**[PDF] Being Nice to Others: A Book about Rudeness**

Click the web link below to download "Being Nice to Others: A Book about Rudeness" file.

[Read ePub »](#)



**[PDF] My Christmas Coloring Book: A Christmas Coloring Book for Kids**

Click the web link below to download "My Christmas Coloring Book: A Christmas Coloring Book for Kids" file.

[Read ePub »](#)