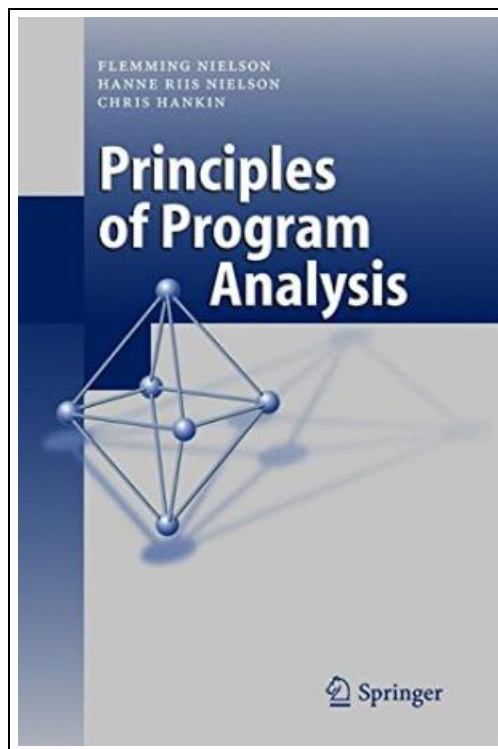


Principles of Program Analysis



Filesize: 7.18 MB

Reviews

This publication is fantastic. it was actually writtern very completely and valuable. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Joana Ziemann)

PRINCIPLES OF PROGRAM ANALYSIS

DOWNLOAD



Condition: New. Publisher/Verlag: Springer, Berlin | Program analysis concerns static techniques for computing reliable approximate information about the dynamic behaviour of programs. Applications include compilers (for code improvement), software validation (for detecting errors in algorithms or breaches of security) and transformations between data representation (for solving problems such as the Y2K problem). This book is unique in giving an overview of the four major approaches to program analysis: data flow analysis, constraint based analysis, abstract interpretation, and type and effect systems. The presentation demonstrates the extensive similarities between the approaches; this will aid the reader in choosing the right approach and in enhancing it with insights from the other approaches. The book covers basic semantic properties as well as more advanced algorithmic techniques. The book is aimed at M.Sc. and Ph.D. students but will be valuable also for experienced researchers and professionals. | 1 Introduction.- 2 Data Flow Analysis.- 3 Constraint Based Analysis.- 4 Abstract Interpretation.- 5 Type and Effect Systems.- 6 Algorithms.- A Partially Ordered Sets.- A.1 Basic Definitions.- A.2 Construction of Complete Lattices.- A.3 Chains.- A.4 Fixed Points.- Concluding Remarks.- B Induction and Coinduction.- B.1 Proof by Induction.- B.2 Introducing Coinduction.- B.3 Proof by Coinduction.- Concluding Remarks.- C Graphs and Regular Expressions.- C.1 Graphs and Forests.- C.2 Reverse Postorder.- C.3 Regular Expressions.- Concluding Remarks.- Index of Notation. | Format: Hardback | Language/Sprache: english | 825 gr | 452 pp.



[Read Principles of Program Analysis Online](#)



[Download PDF Principles of Program Analysis](#)

You May Also Like



Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video...

[Save](#) [ePub](#)

»



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...

[Save](#) [ePub](#)

»



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(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 :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

[Save](#) [ePub](#)

»



Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 192 Publisher: People's Post Pub. Date :2011-10-01 version 1. Access 2003 Tutorial...

[Save](#) [ePub](#)

»



Instrumentation and Control Systems

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and...

[Save](#) [ePub](#)

»

**DK Readers Beastly Tales Level 3 Reading Alone**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.8in. x 5.8in. x 0.2in. This Level 3 book is perfect for children who can read alone. Do these monsters really exist Read these amazing true

[Download PDF](#)

»

**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

[Download PDF](#)

»

**9787538264517 network music roar(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 :2003-01-01 Pages: 273 Publisher: Liaoning Education Press title: music network roar

[Download PDF](#)

»

**YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(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 :2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new

[Download PDF](#)

»

**Oxford Junior Thesaurus**

Oxford University Press. Hardback. Book Condition: new. BRAND NEW, Oxford Junior Thesaurus, Oxford Dictionaries, With its fresh new look, the Oxford Junior Thesaurus gives children starting KS2 the best writing support. It contains entries in

[Download PDF](#)

»