The Deductive Spreadsheet

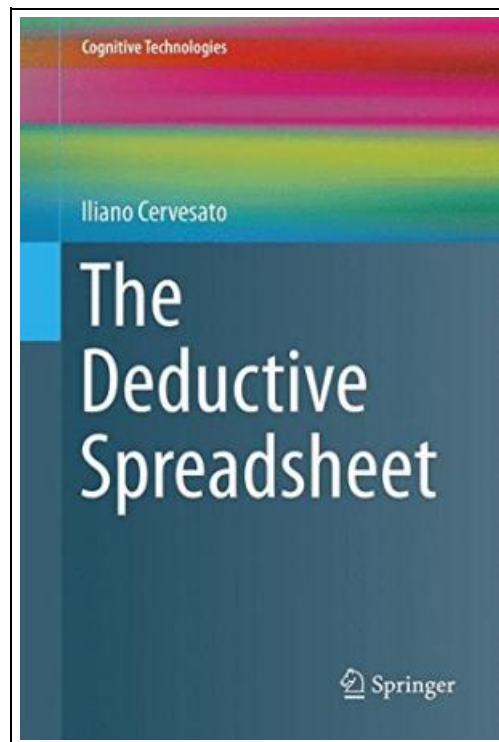Cognitive Technologies

Iliano Cervesato

The Deductive Spreadsheet

Springer

Filesize: 6.94 MB

Reviews

This type of ebook is every little thing and made me looking ahead of time and more. It is among the most amazing book i actually have read through. Its been designed in an exceptionally simple way in fact it is simply soon after i finished reading through this pdf in which actually transformed me, change the way i believe.

(Dr. Ron Kovacek)

THE DEDUCTIVE SPREADSHEET

DOWNLOAD PDF

To get **The Deductive Spreadsheet** eBook, you should access the hyperlink listed below and save the document or have access to other information which are related to THE DEDUCTIVE SPREADSHEET book.

Book Condition: New. Publisher/Verlag: Springer, Berlin | This book describes recent multidisciplinary research at the confluence of the fields of logic programming, database theory and human-computer interaction. The goal of this effort was to develop the basis of a deductive spreadsheet, a user productivity application that allows users without formal training in computer science to make decisions about generic data in the same simple way they currently use spreadsheets to make decisions about numerical data. The result is an elegant design supported by the most recent developments in the above disciplines.The first half of the book focuses on the deductive engine that underlies this application, the foundations that users do not see. After giving a mathematical model of traditional spreadsheet applications, we extend them with operators to perform a number of relational tasks, similar to the user view of a database but in a spreadsheet context. Expressing this extension in a logic programming framework is a natural step towards giving it powerful deductive capabilities. The second half of the book deals with the user interface, the part of the application with which the user actually interacts. We review the elements of the graphical user interface of traditional spreadsheet applications and describe practical methodologies for designing user interfaces borrowed from the field of cognitive psychology. We then propose a design that conservatively integrates mechanisms for a user to take advantage of the new deductive capabilities. This is followed by the results of some preliminary usability experiments.The book will appeal to researchers and practitioners in the various areas underlying this work. Researchers will not only find interesting new developments in their domains, but will also learn how to achieve a multidisciplinary focus. Practitioners will find fully developed solutions to numerous problems that are not easily solvable using traditional spreadsheet applications. | Chap....

Read The Deductive Spreadsheet Online
Download PDF The Deductive Spreadsheet

Other Books

[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Click the hyperlink below to read "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" PDF document.

Save PDF »

[PDF] Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Click the hyperlink below to read "Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback" PDF document.

Save PDF »

[PDF] Super Easy Storytelling The fast, simple way to tell fun stories with children

Click the hyperlink below to read "Super Easy Storytelling The fast, simple way to tell fun stories with children" PDF document.

Save PDF »

[PDF] The Voyagers Series - Africa: Book 2

Click the hyperlink below to read "The Voyagers Series - Africa: Book 2" PDF document.

Save PDF »

[PDF] Genuine] Whiterun youth selection set: You do not know who I am Raoxue(Chinese Edition)

Click the hyperlink below to read "Genuine] Whiterun youth selection set: You do not know who I am Raoxue(Chinese Edition)" PDF document.

Save PDF »

[PDF] Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book

Click the hyperlink below to read "Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book" PDF document.

Save PDF »