



Practical Astronomy with your Calculator or Spreadsheet

By Peter Duffett-Smith, Jonathan Zwart

Download now

Read Online 

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart

Now in its fourth edition, this highly regarded book is ideal for those who wish to solve a variety of practical and recreational problems in astronomy using a scientific calculator or spreadsheet. Updated and extended, this new edition shows you how to use spreadsheets to predict, with greater accuracy, solar and lunar eclipses, the positions of the planets, and the times of sunrise and sunset. Suitable for worldwide use, this handbook covers orbits, transformations and general celestial phenomena, and is essential for anyone wanting to make astronomical calculations for themselves. With clear, easy-to-follow instructions for use with a pocket calculator, shown alongside worked examples, it can be enjoyed by anyone interested in astronomy, and will be a useful tool for software writers and students studying introductory astronomy. High-precision spreadsheet methods for greater accuracy are available at www.cambridge.org/practicalastronomy

 [Download Practical Astronomy with your Calculator or Spread ...pdf](#)

 [Read Online Practical Astronomy with your Calculator or Spre ...pdf](#)

Practical Astronomy with your Calculator or Spreadsheet

By Peter Duffett-Smith, Jonathan Zwart

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart

Now in its fourth edition, this highly regarded book is ideal for those who wish to solve a variety of practical and recreational problems in astronomy using a scientific calculator or spreadsheet. Updated and extended, this new edition shows you how to use spreadsheets to predict, with greater accuracy, solar and lunar eclipses, the positions of the planets, and the times of sunrise and sunset. Suitable for worldwide use, this handbook covers orbits, transformations and general celestial phenomena, and is essential for anyone wanting to make astronomical calculations for themselves. With clear, easy-to-follow instructions for use with a pocket calculator, shown alongside worked examples, it can be enjoyed by anyone interested in astronomy, and will be a useful tool for software writers and students studying introductory astronomy. High-precision spreadsheet methods for greater accuracy are available at www.cambridge.org/practicalastronomy

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart Bibliography

- Sales Rank: #983594 in Books
- Published on: 2011-06-20
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x .59" w x 7.44" l, 1.15 pounds
- Binding: Spiral-bound
- 238 pages

 [Download Practical Astronomy with your Calculator or Spread ...pdf](#)

 [Read Online Practical Astronomy with your Calculator or Spre ...pdf](#)

Download and Read Free Online Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart

Editorial Review

Review

"This beautifully produced, ring-bound book, now in its fourth edition, is a real reference gem for any astronomer or student. It contains just about all the maths you'd ever need for astronomical applications, presented in an exquisitely clear manner."

John Rowlands, Astronomy Now magazine

"..this book does a good job at what it sets out to do. The formulas and algorithms are presented clearly and with an appropriate level of detail, and the spreadsheets supplement the text by showing an additional way to perform the computations without having to resort to a scientific calculator or writing your own programs." - Michael Coren, reviewer, cloudynights.com

About the Author

Peter Duffett-Smith is a physicist by training, and a radio astronomer by trade. He is a Reader in Experimental Radio Physics at the Cavendish Laboratory, University of Cambridge, and is a fellow of Downing College and the Royal Astronomical Society.

Jonathan Zwart is a Postdoctoral Research Scientist at the Columbia Astrophysics Laboratory in New York, and a co-founder and former editor of Cambridge's science magazine, *BlueSci*.

Users Review

From reader reviews:

Walter Godinez:

With other case, little people like to read book Practical Astronomy with your Calculator or Spreadsheet. You can choose the best book if you want reading a book. Providing we know about how is important the book Practical Astronomy with your Calculator or Spreadsheet. You can add expertise and of course you can around the world by way of a book. Absolutely right, because from book you can realize everything! From your country until finally foreign or abroad you will find yourself known. About simple matter until wonderful thing you may know that. In this era, we are able to open a book or maybe searching by internet unit. It is called e-book. You should use it when you feel bored stiff to go to the library. Let's examine.

Valerie Bell:

Many people spending their moment by playing outside along with friends, fun activity using family or just watching TV the entire day. You can have new activity to enjoy your whole day by reading through a book. Ugh, ya think reading a book can really hard because you have to take the book everywhere? It alright you can have the e-book, taking everywhere you want in your Touch screen phone. Like Practical Astronomy with your Calculator or Spreadsheet which is getting the e-book version. So , try out this book? Let's see.

Diana Gum:

Is it you who having spare time in that case spend it whole day through watching television programs or just telling lies on the bed? Do you need something new? This Practical Astronomy with your Calculator or Spreadsheet can be the respond to, oh how comes? A fresh book you know. You are so out of date, spending your time by reading in this completely new era is common not a nerd activity. So what these books have than the others?

Evelyn Rogers:

That guide can make you to feel relax. This kind of book Practical Astronomy with your Calculator or Spreadsheet was colorful and of course has pictures on there. As we know that book Practical Astronomy with your Calculator or Spreadsheet has many kinds or category. Start from kids until youngsters. For example Naruto or Private eye Conan you can read and think you are the character on there. So , not at all of book tend to be make you bored, any it can make you feel happy, fun and rest. Try to choose the best book for yourself and try to like reading in which.

Download and Read Online Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart #Q7F4NH2PTSL

Read Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart for online ebook

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart books to read online.

Online Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart ebook PDF download

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart Doc

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart MobiPocket

Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart EPub

Q7F4NH2PTSL: Practical Astronomy with your Calculator or Spreadsheet By Peter Duffett-Smith, Jonathan Zwart