



Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften)

By V.I. Arnold

Download now

Read Online 

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold

Since the first edition of this book, geometrical methods in the theory of ordinary differential equations have become very popular and some progress has been made partly with the help of computers. Much of this progress is represented in this revised, expanded edition, including such topics as the Feigenbaum universality of period doubling, the Zoladec solution, the Iljashenko proof, the Ecalle and Voronin theory, the Varchenko and Hovanski theorems, and the Neistadt theory. In the selection of material for this book, the author explains basic ideas and methods applicable to the study of differential equations. Special efforts were made to keep the basic ideas free from excessive technicalities. Thus the most fundamental questions are considered in great detail, while of the more special and difficult parts of the theory have the character of a survey. Consequently, the reader needs only a general mathematical knowledge to easily follow this text. It is directed to mathematicians, as well as all users of the theory of differential equations.

 [Download Geometrical Methods in the Theory of Ordinary Diff ...pdf](#)

 [Read Online Geometrical Methods in the Theory of Ordinary Di ...pdf](#)

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften)

By V.I. Arnold

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold

Since the first edition of this book, geometrical methods in the theory of ordinary differential equations have become very popular and some progress has been made partly with the help of computers. Much of this progress is represented in this revised, expanded edition, including such topics as the Feigenbaum universality of period doubling, the Zoladec solution, the Iljashenko proof, the Ecalle and Voronin theory, the Varchenko and Hovanski theorems, and the Neistadt theory. In the selection of material for this book, the author explains basic ideas and methods applicable to the study of differential equations. Special efforts were made to keep the basic ideas free from excessive technicalities. Thus the most fundamental questions are considered in great detail, while of the more special and difficult parts of the theory have the character of a survey. Consequently, the reader needs only a general mathematical knowledge to easily follow this text. It is directed to mathematicians, as well as all users of the theory of differential equations.

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold Bibliography

- Sales Rank: #3086981 in Books
- Brand: Brand: Springer
- Published on: 2012-12-19
- Released on: 2012-12-19
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .84" w x 6.10" l, 1.15 pounds
- Binding: Paperback
- 351 pages



[Download Geometrical Methods in the Theory of Ordinary Diff ...pdf](#)



[Read Online Geometrical Methods in the Theory of Ordinary Di ...pdf](#)

Download and Read Free Online Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold

Editorial Review

Language Notes

Text: English, Russian (translation)

Users Review

From reader reviews:

Mattie Regan:

What do you think of book? It is just for students because they're still students or that for all people in the world, exactly what the best subject for that? Just simply you can be answered for that question above. Every person has diverse personality and hobby for each and every other. Don't to be obligated someone or something that they don't need do that. You must know how great and also important the book Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften). All type of book are you able to see on many methods. You can look for the internet sources or other social media.

Ashley Wright:

This book untitled Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) to be one of several books that best seller in this year, that's because when you read this publication you can get a lot of benefit onto it. You will easily to buy this kind of book in the book store or you can order it by means of online. The publisher on this book sells the e-book too. It makes you more easily to read this book, since you can read this book in your Smartphone. So there is no reason for your requirements to past this reserve from your list.

Scott Settle:

Often the book Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) will bring that you the new experience of reading some sort of book. The author style to explain the idea is very unique. When you try to find new book to learn, this book very suited to you. The book Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) is much recommended to you you just read. You can also get the e-book from the official web site, so you can quicker to read the book.

Wanda Riddle:

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) can be one of your basic books that are good idea. Many of us recommend that straight

away because this guide has good vocabulary that will increase your knowledge in terminology, easy to understand, bit entertaining but nevertheless delivering the information. The author giving his/her effort to place every word into pleasure arrangement in writing Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) however doesn't forget the main point, giving the reader the hottest along with based confirm resource details that maybe you can be one among it. This great information may draw you into fresh stage of crucial imagining.

Download and Read Online Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold #QVMB0SPI2E3

Read Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold for online ebook

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold 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 Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold books to read online.

Online Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold ebook PDF download

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold Doc

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold MobiPocket

Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold EPub

QVMB0SPI2E3: Geometrical Methods in the Theory of Ordinary Differential Equations (Grundlehren der mathematischen Wissenschaften) By V.I. Arnold