Google Drive



Group Analysis of Differential Equations

L. V. Ovsiannikov

Download now

Click here if your download doesn"t start automatically

Group Analysis of Differential Equations

L. V. Ovsiannikov

Group Analysis of Differential Equations L. V. Ovsiannikov
Group Analysis of Differential Equations provides a systematic exposition of the theory of Lie groups and Lie algebras and its application to creating algorithms for solving the problems of the group analysis of differential equations.

This text is organized into eight chapters. Chapters I to III describe the one-parameter group with its tangential field of vectors. The nonstandard treatment of the Banach Lie groups is reviewed in Chapter IV, including a discussion of the complete theory of Lie group transformations. Chapters V and VI cover the construction of partial solution classes for the given differential equation with a known admitted group. The theory of differential invariants that is developed on an infinitesimal basis is elaborated in Chapter VII. The last chapter outlines the ways in which the methods of group analysis are used in special issues involving differential equations.

This publication is a good source for students and specialists concerned with areas in which ordinary and partial differential equations play an important role.

Download Group Analysis of Differential Equations ...pdf

Read Online Group Analysis of Differential Equations ...pdf

Download and Read Free Online Group Analysis of Differential Equations L. V. Ovsiannikov

---

From reader reviews:

Sun Byrd:

Book is usually written, printed, or illustrated for everything. You can know everything you want by a guide. Book has a different type. As we know that book is important issue to bring us around the world. Close to that you can your reading expertise was fluently. A publication Group Analysis of Differential Equations will make you to be smarter. You can feel more confidence if you can know about every thing. But some of you think that will open or reading the book make you bored. It is not make you fun. Why they can be thought like that? Have you searching for best book or suitable book with you?

Katie Phillips:

Reading can called brain hangout, why? Because if you find yourself reading a book specifically book entitled Group Analysis of Differential Equations your mind will drift away trough every dimension, wandering in every aspect that maybe unfamiliar for but surely will end up your mind friends. Imaging each word written in a reserve then become one web form conclusion and explanation which maybe you never get prior to. The Group Analysis of Differential Equations giving you a different experience more than blown away the mind but also giving you useful details for your better life with this era. So now let us teach you the relaxing pattern here is your body and mind will probably be pleased when you are finished reading through it, like winning a sport. Do you want to try this extraordinary wasting spare time activity?

Amelia Page:

You could spend your free time to read this book this publication. This Group Analysis of Differential Equations is simple to develop you can read it in the recreation area, in the beach, train as well as soon. If you did not have got much space to bring the particular printed book, you can buy typically the e-book. It is make you easier to read it. You can save the actual book in your smart phone. And so there are a lot of benefits that you will get when you buy this book.

William Black:

You can get this Group Analysis of Differential Equations by look at the bookstore or Mall. Simply viewing or reviewing it could to be your solve problem if you get difficulties for the knowledge. Kinds of this publication are various. Not only by simply written or printed but can you enjoy this book simply by e-book. In the modern era such as now, you just looking from your mobile phone and searching what your problem. Right now, choose your current ways to get more information about your e-book. It is most important to arrange you to ultimately make your knowledge are still change. Let's try to choose proper ways for you.

Download and Read Online Group Analysis of Differential Equations L. V. Ovsiannikov #HF89JL3YVI4

Read Group Analysis of Differential Equations by L. V. Ovsiannikov for online ebook

Group Analysis of Differential Equations by L. V. Ovsiannikov 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 Group Analysis of Differential Equations by L. V. Ovsiannikov books to read online.

Online Group Analysis of Differential Equations by L. V. Ovsiannikov ebook PDF download

Group Analysis of Differential Equations by L. V. Ovsiannikov Doc

Group Analysis of Differential Equations by L. V. Ovsiannikov Mobipocket

Group Analysis of Differential Equations by L. V. Ovsiannikov EPub