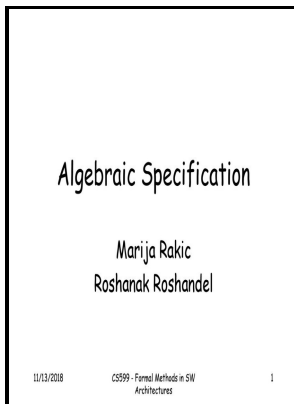# Fundamentals of algebraic specification

Springer-Verlag - Algebra

Description: -
-
Transportation -- Passenger traffic.
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EATCS monographs on theoretical computer science ;Fundamentals
of algebraic specification
Notes: Includes bibliographies and indexes.
This edition was published in 1985

Filesize: 14.29 MB

Tags: #Algebraic #Specification

Algebraic Specification

A common fundamental assumption of many specification approaches is that programs are modelled as or structures that include a collection of of data values together with over those sets. Berlin ; New York: Springer-Verlag, © OCoLC Online version: Ehrig, Hartmut.

Fundamentals of Algebraic Specification 2

In doing so, Gauss not only used complex numbers to solve a problem involving ordinary integers, a fact remarkable in itself, but he also opened the way to the detailed investigation of special subdomains of the complex numbers.

Algebraic Specification

The book is equally suitableas a text book for graduate courses and as a reference for researchers and system developers. This is in contrast to so-called in frameworks like and , which consist of a simple realization of the required behaviour. Some advantages and hints on mapping an algebraic specification onto a program in an imperative language are given.

Algebra

Although Kummer did prove interesting results, it finally turned out that the prime factorization theorem was not valid in such general domains. The largest of these fields was the whole system of complex numbers, whereas the smallest field was the rational numbers. An EATCS Series Cited by: Explore how algebra works and why it matters, and build a strong foundation of skills across many algebra topics including equations, rates, ratios, and sequences.

Fundamentals of Algebraic Specification 1

In 1832 Gauss proved that the Gaussian integers satisfied a generalized version of the factorization theorem where the prime factors had to be especially defined in this domain. The book is equally suitableas a text book for graduate courses and as a reference for researchers and system developers. Another example is the which has no specific application content and must be specialized to be executable.

Term

It avoids much of the theory associated with linear algebra; although, the author does touch on theorems as necessary. All books in this series provide extensive coverage of the topics supported by numerous solved examples. He also introduced the set-theoretical approach into algebraic research, and he defined some of the most basic concepts of modern algebra that became the main focus of algebraic research throughout the 20th century.

Fundamentals of Algebraic Specification 1: Equations and Initial Semantics

They have not only played a central role in the theory of data type specification, but meanwhile have had a remarkable influence on programming language design, system architectures, arid software tools and environments.

Fundamentals of Algebraic Specification 1: Equations and Initial Semantics

Get this from a library. The 232 papers are themed under 6 section headings: biomedical data, tools and methods; supporting care delivery; health and prevention; precision medicine and public health; human factors and citizen centered digital health; and ethics, legal and societal aspects.

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