

Fundamentals of algebraic specification

Springer-Verlag - Fundamentals of Algebraic Specification 1

From the syllabus

- **Algebraic Structures and Techniques:** algebras, theories, models, composition, abstract data types (ADTs), languages for algebraic specification and programming, applications to lists, strings, queues (FIFO), stacks (LIFO), trees, etc.
- Algebraic structured need to be specified and implemented.
- The CafeOBJ language can be used for specification and implementation .

Description: -

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Transportation -- Passenger traffic.

Local transit.

Algebra.

Data structures (Computer science)Fundamentals of algebraic specification

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Problems in American civilization

v. 6, etc.

EATCS monographs on theoretical computer science ;

v. 6, 21

EATCS monographs on theoretical computer science ;Fundamentals of algebraic specification

Notes: Includes bibliographies and indexes.

This edition was published in 1985



Filesize: 21.42 MB

Tags: #Mapping #an #Algebraic #Specification #Onto #a #Modula

Mapping an Algebraic Specification Onto a Modula

However, in the APN case, the semantics of the data types is given by an axiomatization enabling proofs and.

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An algebraic specification is a description of one or more abstract data types. The book is equally suitable as a text book for graduate courses and as a reference for researchers and system developers. Fundamentals in the sense of concepts from computer science, which are introduced on a conceptual level and formalized in mathematical terms.

Fundamentals of Algebraic Specification 1: Equations and Initial Semantics

Fundamental concepts of modern algebra Prime factorization Some other fundamental concepts of also had their origin in 19th-century work on , particularly in connection with attempts to generalize the beyond the natural numbers.

The algebraic data type specification language

Specific problems were then solved as instances of the general theory. Especially algebraic specification techniques for abstract data types and software systems have gained considerable importance in recent years.

The algebraic data type specification language

Systems of equations In spite of the many novel algebraic ideas that arose in the 19th century, solving equations and studying properties of forms continued to be the main focus of algebra.

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Get this from a library. Fundamentals in the sense of mathematical theories which are the basis for precise definitions, constructions, results, and correctness proofs. Middle school students preparing for MATHCOUNTS, high school students preparing for the AMC, and other students

seeking to master the fundamentals of algebra will find this book an instrumental part of their mathematics : Richard Rusczyk.

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