

# Fundamentals of algebraic specification

## Springer-Verlag - Mapping an Algebraic Specification Onto a Modula

```

obj NATTREE is sorts Nebtree Btree .
protecting NAT .
protecting BOOL .
subsorts Nat < Nebtree < Btree .
cp empty : -> Btree .
cp node: Btree Nat Btree -> Nebtree .
cp left: Nebtree -> Btree .
cp right : Nebtree -> Btree .
cp content: Nebtree -> Nat .
cp isempty: Btree -> Bool .
cp isfound : Btree Nat -> Bool .
vars X Y : Btree . vars N M : List .
eq isempty(empty) = true .
eq not isempty(node(X, N, Y)) = X .
eq left(node(X, N, Y)) = X .
eq right(node(X, N, Y)) = Y .
eq content(node(X, N, Y)) = N .
eq not isfound(empty, N) .
eq isfound(node(X, N, Y), M) = (N = M) or isfound(X, M)
                                or isfound(Y, M) .
end

```

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- Problems in American civilization

v. 6, etc.

EATCS monographs on theoretical computer science ;

v. 6, 21

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Notes: Includes bibliographies and indexes.

This edition was published in 1985



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## Download Fundamentals of Algebraic Specification 2 by Hartmut Ehrig PDF EPUB FB2

In the 19th century, mathematicians sought to extend some version of this theorem to the.

## Mapping an Algebraic Specification Onto a Modula

Fundamentals of Geometry and Algebra Paperback — January 1, by K12 Author out of 5 stars 4 ratings.

## The algebraic data type specification language

An algebraic Petri net APN is an evolution of the well known Petri net in which elements of user defined data types called algebraic abstract data types AADT replace black formalism can be compared to coloured Petri nets CPN in many aspects.

## Specification language

A main question pursued by Dedekind was the precise identification of those subsets of the complex numbers for which some generalized version of the theorem made sense.

## Fundamentals of algebraic specification 2. Module specifications and constraints (Book, 1990) [localize-img.justmote.me]

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## fundamentals of algebraic specifications 1

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.

## Fundamentals of algebraic specification 2. Module specifications and constraints (Book, 1990) [localize-img.justmote.me]

The ADTS Algebraic Data Type Specification language that is developed at the BTM Research Centre in cooperation with the KULeuven is described. Since the early seventies concepts of specification have become central in the whole area of computer science.

## Term

Fundamentals in the sense of mathematical theories which are the basis for precise definitions, constructions, results, and correctness proofs. However, in the APN case, the semantics of the data types is given by an axiomatization enabling proofs and. It avoids much of the theory associated with linear algebra; although, the author does touch on theorems as necessary.

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