

图书基本信息

书名：<<数学文献用开放标记格式得/an open markup format for mathematical documents>>

13位ISBN编号：9783540378976

10位ISBN编号：3540378979

出版时间：2006-12

出版单位：湖北辞书出版社

作者：Kohlhase, Michael; Bundy, Alan;

页数：428

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

内容概要

The OMDoc (Open Mathematical Documents) format is a content markup scheme for collections of mathematical documents, including articles, textbooks, interactive books, and courses. OMDoc also serves as the content language for agent communication of mathematical services and a mathematical software bus. This documentation describes version 1.2 of the OMDoc system, the final and mature release of OMDoc 1. The system features modularized language design, OPENMATH and MATHML for the representation of mathematical objects, and has been employed and validated in various applications. Besides a complete and rigorous specification of the OMDoc document format, this book presents an OMDoc primer with paradigmatic examples for many kinds of mathematical documents. Furthermore, various applications, projects, and tool support for OMDoc are discussed. The book will become essential reading for all working mathematicians and mathematics students aspiring to take part in the new worlds of shared mathematical knowledge.

书籍目录

Part Setting the Stage for Open Mathematical Documents 1 Document Markup for the Web 2 Markup for
Mathematical Knowledge 3 Open Mathematical DocumentsPart An OMDoc Primer 4 Textbooks and Articles
5 OpenMath Content Dictionaris 6 Structured and Parametrized Theories 7 A Development Graph for
Elementary Algebra 8 Courseware and the Narrative/Content Distinction 9 Communication Between SystemsPart
The OMDoc Document Format 10 OMDoc as a Modular Format 11 Document Infrastructure 12 Metadata
13 Mathematical Objects 14 Mathematical Text 15 Mathematical Statements 16 Abstract Data Types 17
Representing Proofs 18 Complex Theories 19 Notation and Presentation 20 Auxiliary Elements 21 Exercises 22
Document Models for OMDocPart OMDoc Applications,Tools,and ProjectsPart
AppendixBibliographyIndex

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>