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<<数据库系统入门>>

图书基本信息

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内容概要

《国外信息科学与技术经典图书系列:数据库系统入门(第8版)(影印版)》全面深入地介绍了数据库系统的相关理论与方法。
全书共分为6个部分：第1部分“基本概念”，讲述什么是数据库系统、数据库系统的体系结构、概述关系数据库系统并讲解了SQL语言；第2部分“关系模型”，将关系模型作为现代数据库技术的基础进行全面介绍；第3部分“数据库设计”，主要包括函数依赖、范式在内的设计理论，以及语义模型（E-R模型）两部分内容；第4部分“事务管理”，介绍事务管理相关技术；第5部分“扩展主题”，介绍其他多种数据库相关技术；第6部分“对象、关系和XML”，主要介绍了对象技术对数据库的影响。

《国外信息科学与技术经典图书系列:数据库系统入门(第8版)(影印版)》既可作为高等学校计算机及相关专业学生的教材，亦可供从事计算机应用的工程技术人员参考。

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作者：（英国）戴特C.J.Date is an independent author,lecturer,researcher,and consultant,specializing in relational database technology.He is based in Healdsburg,California. In 1967,following several years as a mathematical programmer and programming instructor for Leo Computers Ltd.(London,E.ngland),Mr.Date moved to the IBM(UK)Development Laboratories,where he worked on the integration of database functionality into PL/I.In 1974 he transferred to the IBM Systems Development Center in California,where he was responsible for the design of a database language known as the Unified Database Language,UDL,and worked on technical planning and externals design for the IBM products SQL/DS and DB2.He left IBM in May,1983. Mr.Date has been active in the database field for well over 30 years.He was one of the first people anywhere to recognize the significance of Codd's pioneering work on the relational model.He has lectured widely on technical subjects principally on database topics,and especially on relational database--throughout North America and also in Europe,Australia,Latin America,and the Far East.In addition to the present book,he is author or coauthor of a number of other database texts,including,from Morgan Kaufmann,Temporal Data and the Relational Model(2003)and,from Addison-Wesley,Foundation for Future Database Systems:The Third Manifesto(2nd edition,2000),a detailed proposal for the future direction of the field;Database:A Primer(1983),which treats database systems from the nonspecialist's point of view;a series of Relational Database Writings books(1986,1990,1992,1995,1998),which deal with various aspects of relational technology in depth;and another series of books on specific systems and languages A Guide to DB2(4th edition,1993),A Guide to SYBASE and SQL Server(1992),A Guide to SQL/DS(1988),A Guide to INGRES(1987),and A Guide to the SQL Standard(4th edition,1997).His books have been translated into several languages,including Braille,Chinese,Dutch,French,German,Greek,Italian,Japanese,Korean,Polish,Portuguese,Russian,and Spanish. Mr.Date has also produced over 300 technical articles and research papers and has made a variety of original contributions to database theory.For several years,he was a regular columnist for the magazine Database Programming & Design.He also contributes regularly to.His professional seminars on database technology,offered both in North America and overseas,are widely considered to be second to none for the quality of the subject matter and the clarity of the exposition. Mr.Date holds an Honours Degree in Mathematics from Cambridge University,England(BA 1962,MA 1966)and the honorary degree of Doctor of Technology from De Montfort University,England(1994).

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编辑推荐

戴特等编著的《数据库系统入门》全面深入地介绍了数据库系统的相关理论与方法。
全书共分为6个部分：第1部分“基本概念”，讲述什么是数据库系统、数据库系统的体系结构、概述关系数据库系统并讲解了SQL语言；第2部分“关系模型”，将关系模型作为现代数据库技术的基础进行全面介绍；第3部分“数据库设计”，主要包括函数依赖、范式在内的设计理论，以及语义模型(E—R模型)两部分内容；第4部分“事务管理”，介绍事务管理相关技术；第5部分“扩展主题”，介绍其他多种数据库相关技术；第6部分“对象、关系和XML”，主要介绍了对象技术对数据库的影响。

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