

## <<Theoretical Computer>>

### 图书基本信息

书名：<<Theoretical Computer Science理论计算机科学/会议录>>

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### 内容概要

This book constitutes the refereed proceedings of the 9th International Conference on Theoretical Computer Science, ICTCS 2005, held at the Certosa di Pontignano, Siena, Italy, in October 2005. The 29 revised full papers presented together with an invited paper and abstracts of 2 invited talks were carefully reviewed and selected from 83 submissions. The papers address all current issues in theoretical computer science and focus especially on analysis and design of algorithms, computability, computational complexity, cryptography, formal languages and automata, foundations of programming languages and program analysis, natural computing paradigms (quantum computing, bioinformatics), program specification and verification, term rewriting, theory of logical design and layout, type theory, security, and symbolic and algebraic computation.

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## 书籍目录

Invited Contributions   Semantic Subtyping: Challenges, Perspectives, and Open Problems   Biological Systems as Reactive Systems   Mobile Agents Computing: Security Issues and Algorithmic Solutions  
 Technical Contributions  
     Efficient Algorithms for Detecting Regular Point Configurations   Pickup and Delivery for Moving Objects on Broken Lines   A Static Analysis of PKI Based Systems   Subtyping Object and Recursive Types Logically   The Language X: Circuits, Computations and Classical Logic   Checking Risky Events Is Enough for Local Policies  
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