

# 《可满足性测试理论及其应用 - SAT》

## 图书基本信息

书名：《可满足性测试理论及其应用 - SAT 2006 第9届国际会议/会议录Theory and applications of satisfiability testing》

13位ISBN编号：9783540372066

10位ISBN编号：3540372067

出版时间：2006-12

出版社：湖北辞书出版社

作者：Biere, Armin; Gomes, Carla P.;

页数：438

版权说明：本站所提供下载的PDF图书仅提供预览和简介以及在线试读，请支持正版图书。

更多资源请访问：[www.tushu000.com](http://www.tushu000.com)

# 《可满足性测试理论及其应用 - SAT》

## 内容概要

This book constitutes the refereed proceedings of the 9th International Conference on Theory and Applications of Satisfiability Testing, SAT 2006, held in Seattle, WA, USA in August 2006 as part of the 4th Federated Logic Conference, FLoC 2006. The 26 revised full papers presented together with 11 revised short papers presented together with 2 invited talks were carefully selected from 95 submissions. All current research issues in propositional and quantified Boolean formula satisfiability testing are covered; the papers are organized in topical sections on proofs and cores, heuristics and algorithms, applications, SMT, structure, MAX-SAT, local search and survey propagation, QBF, as well as counting and concurrency.

# 《可满足性测试理论及其应用 - SAT》

## 书籍目录

Invited Talks From Propositional Satisfiability to Satisfiability Modulo Theories CSPs: Adding Structure to SAT  
Session 1. Proofs and Cores Complexity of Semialgebraic Proofs with Restricted Degree of Falsity  
Categorisation of Clauses in Conjunctive Normal Forms: Minimally Unsatisfiable Sub-clause-sets and the Lean Kernel A Scalable Algorithm for Minimal Unsatisfiable Core Extraction Minimum Witnesses for Unsatisfiable 2CNFs Preliminary Report on Input Cover Number as a Metric for Propositional Resolution Proofs Extended Resolution Proofs for Symbolic SAT Solving with Quantification  
Session 2. Heuristics and Algorithms Encoding CNFs to Empower Component Analysis Satisfiability Checking of Non-clausal Formulas Using General Matings  
Determinization of Resolution by an Algorithm Operating on Complete Assignments A Complete Random Jump Strategy with Guiding Paths  
Session 3. Applications Applications of SAT Solvers to Cryptanalysis of Hash Functions Functional Treewidth: Bounding Complexity in the Presence of Functional Dependencies Encoding the Satisfiability of Modal and Description Logics into SAT: The Case Study of  $K(m)/ALC$  SAT in Bioinformatics: Making the Case with Haplotype Inference  
Session 4. SMT Lemma Learning in SMT on Linear Constraints On SAT Modulo Theories and Optimization Problems Fast and Flexible Difference Constraint Propagation for DPLL(T) A Progressive Simplifier for Satisfiability Modulo Theories  
Session 5. Structure  
Dependency Quantified Horn Formulas: Models and Complexity On Linear CNF Formulas.....  
Session 6. MAX-SAT  
Session 7. Local Search and Survey Propagation  
Session 8. QBF  
Session 9. Counting and Concurrency  
Author Index

# 《可满足性测试理论及其应用 - SAT》

## 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:[www.tushu000.com](http://www.tushu000.com)