

Performance Evaluation of $k - SAT$ Solvers

Applied to Graph Arrowing

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1 Introduction

TODO: sat problem, sat competition, categories of evaluation, types of problems, graph arrowing...

2 Selected $k - SAT$ Solvers

TODO: minisat, zchaff, glucose, ppfolio //, ppfolio seq, kontrasat hack, 3S

3 Performance

TODO: table

References

- [1] Niklas Sörensson and Niklas Eén. Minisat v1.13 - A SAT Solver with Conflict-Clause Minimization. *SAT 2005*, (2005), 53.
- [2] Yogesh Mahajan, Zhaohui Fu, and Sharad Malik. Zchaff2004: An Efficient SAT Solver. *Theory and Applications of Satisfiability Testing*. Springer Berlin/Heidelberg, 2005.