

Closing Discussion: Issues & Questions

Sep 23, 2007

- Almost symmetries: should we seek them or avoid them?
- Homomorphism breaking
- Effect of ordering
- Symmetries in Math Programming: Margot@cmu
- Pseudo-Boolean constraints: Sakallah
- Extending symmetries to QCSP
- Aligning definitions/terminology
- Domains: QCSP, QBF, Planning, Optimization, TP/FOL, Extended Resolution (Tseitin)
- Enumeration of non-symmetric solutions
- Techniques: Saucy, Nauty, graph-based specialized, model (ML?) versus instance
- Characterization of cost effectiveness: formal? empirical?
- Symmetry as an approximation (sharp bound): Lieberherr FOCS 79, J of Alg. 82
- Types of problems: All solutions versus one solution