Lazy Clause Generation for Bin Packing



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Objective Scores:

| | pure1 | pure2 | pure3 | pure |
|--------|-------|-------|-------|------|
| our | 17 | 19 | 14 | fin |
| decomp | N/A | N/A | N/A | N/A |

Decomposition Comparison:



Naive Explanations Comparison:



5

• Complete improvement over decomposition in a pure benchmark, but clause quality always improved. Marginal difference in decisions made with naive explanations, but clause quality again improved.

Conclusions



pure5 mixed1 mixed2 mixed3 mixed4 mixed5 9654 6357 6271 fin fin fin N/A 8646 8363 8300 fin fin

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Results