عنوان مقاله:
ACCEPTING MORE GENERAL FORMS OF QBFS

محل انتشار:
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خلاصه مقاله:

Almost all existing Qsat solvers only accept QBFs represented in prenex-CNF. Therefore, they are required to transform the obtained formula into prenex-CNF befor launching it to a QSAT solver. This task usually cannot be done efficiently. In this paper we show haw Zero-Suppressed Binary Decision Diagram (abbreviated by ZBDD or ZDD) can be used to represent QBFs given in prenex-NNF and evaluate them efficiently. Transforming a QBF into its equivalent in prenex-NNF usually can be done efficiently.

کلمات کلیدی:

Quantified Boolean Formula (QBF), Zero-Suppressed Binary Decision Diagram (ZDD), Satisfiability, QSAT, Negation Normal From (NNF)

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