Multiplying Algebraic Decision Diagrams

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Abstract

Memcomputing was recently proposed as an alternative to turing paradigma of computation. The difference here is that the computation and the storage is done within the same architecture. In order to achieve that, memcopmuters use memelements, which are two-terminal electronics components with resistive, capacitive, and inductive characteristics. Memcomputers are mathematically proved able to solve NP-hard problems from turing computers.

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