عنوان مقاله:

Improving Variable Orderings of Taylor Expansion Diagrams Using Simulated Annealing

محل انتشار:

ششمین کنفرانس سراسری سیستم های هوشمند (سال: 1383)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

Recently, a new, compact and canonical graphbased representation called Taylor Expansion Diagrams (TEDs) was introduced as an efficient representation for algebraic (or arithmetic) expressions. Taylor Expansion Diagrams are based on non-binary decomposition principle. The algebraic expression is decomposed using the Taylor series expansion with respect to its support variables. The choice of a good variable ordering is crucial in applications of TEDs. A simulated annealing approach with a new type of neighborhood is presented

کلمات کلیدی: