

Abstracts

Multilevel Multidimensional Quadratic Modeling for Yield-Driven Electromagnetic Optimization

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Powerful multilevel multidimensional quadratic modeling has been developed for efficient yield-driven design. This approach makes it possible, for the first time, to perform direct yield optimization of circuits with components simulated by an electromagnetic simulator. Efficiency and accuracy of our technique are demonstrated by yield optimization of a small-signal amplifier.

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