

Abstracts

A New Formulation for Yield Optimization

J.W. Bandler, S.H. Chen and R.M. Biernacki. "A New Formulation for Yield Optimization." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1465-1468.

A new and elegant formulation for yield optimization is presented with applications to microwave circuits. It extends the conventional discrete Monte Carlo estimate of yield to a continuous yield probability junction suitable for gradient-based optimization. The merit of our new method is demonstrated by yield optimization of an amplifier and a nonlinear FET doubler.

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