

Abstracts

Guest Editorial (May 1997, Part I [T-MTT])

J.W. Bandler. "Guest Editorial (May 1997, Part I [T-MTT])." 1997 Transactions on Microwave Theory and Techniques 45.5 (May 1997, Part II [T-MTT]): 709-711.

Recent advances in microwave computer-aided design (CAD) technology, the availability of powerful PC's, workstations, and massively parallel systems, suggest the feasibility of interfacing electromagnetic (EM) simulations into optimization systems or CAD frameworks for direct application of powerful optimizers. With fast, robust, commercial EM simulators increasingly available, microwave engineers are already pushing the frontiers beyond traditional uses of EM simulators. The new thrust is to integrate EM simulations directly into the linear/nonlinear circuit design process in a manner transparent to the designer.

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