

Abstracts

Analysis of Nonlinear Microwave Circuits Using the Compression Approach

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This paper describes the Compression Approach, a technique for comprehensive analysis of nonlinear microwave circuits which supplies a framework for combining linear field simulation methods and harmonic balance. The foundations of this approach are discussed. Simulation results of this method for a nonlinear transmission line are compared with those of a pure time-domain approach.

 [Return to main document.](#)