

Abstracts

A simple and systematic method for the design of tapered nonlinear transmission lines

A. Jrad, P. Ferrari, C. Fuchs, A. Dominjon, J.W. Tao, B. Flechet and G. Angenieux. "A simple and systematic method for the design of tapered nonlinear transmission lines." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1627-1630.

In this paper, we present an original method, simple to implement, rapid and systematic for the conception of Nonlinear Transmission Lines (NLTL) for shock wave generation. This method is based on SPICE simulations and allows the synthesis of hybrid or monolithic NLTLs.

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