

Abstracts

De-Embedding and Unterminating

R.F. Bauer and P. Penfield, Jr.. "De-Embedding and Unterminating." 1974 Transactions on Microwave Theory and Techniques 22.3 (Mar. 1974 [T-MTT] (Special Issue on Computer-Oriented Microwave Practices)): 282-288.

De-embedding is the process of deducing the impedance of a device under test from measurements made at a distance, when the electrical properties of the intervening structure are known. Unterminating is the process of deducing the electrical properties of the intervening structure from a series of measurements with known embedded devices. The mathematical steps necessary for de-embedding and unterminating with theoretically redundant measurements in order to minimize the effect of experimental errors.

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