

# Abstracts

## Improved Computer-Aided Synthesis Tools for the Design of Matching Networks for Wide-Band Microwave Amplifiers (Dec. 1986 [T-MTT])

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*D.J. Mellor. "Improved Computer-Aided Synthesis Tools for the Design of Matching Networks for Wide-Band Microwave Amplifiers (Dec. 1986 [T-MTT])." 1986 Transactions on Microwave Theory and Techniques 34.12 (Dec. 1986 [T-MTT] (1986 Symposium Issue)): 1276-1281.*

Network synthesis is a powerful design tool when applied to the design of matching networks for wide-band microwave amplifiers. Significant design improvements have been made in the computer-aided synthesis process, which provides a powerful, efficient, and friendly tool for the microwave amplifier designer. Design methodologies are given, computer automation methods are outlined, and a complete amplifier design example is included.

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