

# Abstracts

## Improved Computer-Aided Synthesis Tools for the Design of Matching Networks for Wideband Microwave Amplifiers (1986 [MWSYM])

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*D.J. Mellor. "Improved Computer-Aided Synthesis Tools for the Design of Matching Networks for Wideband Microwave Amplifiers (1986 [MWSYM])." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 543-546.*

Network synthesis is a powerful design tool when applied to the design of matching networks for wideband 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 outlined and a complete amplifier design example is included.

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