

# Abstracts

## Computer-Aided Analysis and Design of Circular Waveguide Tapers

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*H. Flugel and E. Kuhn. "Computer-Aided Analysis and Design of Circular Waveguide Tapers." 1988 Transactions on Microwave Theory and Techniques 36.2 (Feb. 1988 [T-MTT] (Special Issue on Computer-Aided Design)): 332-336.*

Two different methods for the accurate numerical analysis of circular waveguide tapers are compared and applied to examine the usefulness of existing design methods. A modified Dolph-Chebychev taper turned out to give the best performance with respect to both minimum spurious mode excitation and taper length.

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