

# Abstracts

## On the Synthesis of Waveguides and Cavities Realized with Nonseparable Solutions of Helmholtz Wave Equation (Short Papers)

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*P.J. Luypaert and D.H. Schoonaert. "On the Synthesis of Waveguides and Cavities Realized with Nonseparable Solutions of Helmholtz Wave Equation (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.12 (Dec. 1975 [T-MTT] (1975 Symposium Issue)): 1061-1064.*

This short paper shows how nonseparable solutions of the Helmholtz wave equation can be used in the synthesis of waveguides and cavities with nonconventional cross section, and also investigates the attenuation and Q factor.

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