

Abstracts

Complex Power and Mode Coupling in Circular Chirowaveguides

G. Busse and A.F. Jacob. "Complex Power and Mode Coupling in Circular Chirowaveguides." 1995 Transactions on Microwave Theory and Techniques 43.5 (May 1995 [T-MTT]): 1182-1186.

The total power carried by two (or more) modes of lossless circular chirowaveguides is shown to be complex in general, both above and below cutoff. This is explained by the coupling between modes which, in turn, proves the lack of orthogonality, at least in the power sense.

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