

Abstracts

Analysis of Nonreciprocal Coupled Image Lines (Comments and Reply)

C. Schieblisch. "Analysis of Nonreciprocal Coupled Image Lines (Comments and Reply)." 1988 *Transactions on Microwave Theory and Techniques* 36.4 (Apr. 1988 [T-MTT]): 795-795.

In the paper in question, nonreciprocal effects are predicated to a homogeneous waveguiding structure containing a gyromagnetic medium biased in the direction of propagation. In [1], the thesis was derived that any longitudinally biased structure showing reflection symmetry with respect to its midplane is reciprocal. The structure in the paper in question falls into this category, because a homogeneous structure is symmetrical with respect to any plane perpendicular to the direction of propagation.

 [Return to main document.](#)