

# Abstracts

## Nonreciprocal Effects in an Open Dielectric Waveguide with Grating Structures

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*K. Araki, B.S. Song and T. Itoh. "Nonreciprocal Effects in an Open Dielectric Waveguide with Grating Structures." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 319-320.*

Nonreciprocal phenomena in a grating structure created on an open waveguide containing anisotropic media are studied. Experimental investigations based on the theory predict that new nonreciprocal devices can be developed for millimeter-wave integrated circuits.

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