

# Abstracts

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

---

*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.

 [Return to main document.](#)