

Abstracts

Microwave Models of Blazed Dielectric Gratings for Intrgrated-Optics Applications

T. Tamir. "Microwave Models of Blazed Dielectric Gratings for Intrgrated-Optics Applications." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 327-328.

The behavior of leaky modes along microwave gratings shows that: (1) a Bragg-scattering approach provides simple design criteria for blazed dielectric gratings, and (2) broadband, highly efficient, optical beam-coupling devices using such gratings can be easily realized.

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