Session MM

Guided Waves: New Structures and Leaky Modes

MM

Chairman:

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The first paper of this session will address a surprising discovery that a leaky dominant mode is present at higher frequencies in conventional microstrip line with an isotropic substrate. The second paper of the session will discuss a new leaky dominant mode that may be present in a conductor-backed coplanar strip at the same time as the conventional bound dominant mode. The third paper will present a novel quasi-planar structure called "Channelized CoPlanar Waveguide". The fourth paper will address a rigorous analysis of microstrip transmission lines on curved surfaces. The last paper will present the results of an analysis determining the effects of electromagnetic wave propagation on FETs.

10:30 a.m.–12:00 p.m., Thursday, June 17, 1993
Room 202