

# Abstracts

## Electric and magnetic fields of a wave in proximity of a progressively phased periodic structure

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*K. Tomiyasu. "Electric and magnetic fields of a wave in proximity of a progressively phased periodic structure." 1999 Transactions on Microwave Theory and Techniques 47.10 (Oct. 1999 [T-MTT]): 2037-2038.*

Unexpected waves have been observed that were localized in the region of, and propagating along, a progressively phased periodic structure. These waves are related to a dominant TM<sub>sub 0/</sub> mode associated with and bound to a thin dielectric layer covering a conducting plane.

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