

# Abstracts

## New Edge Guided Wave on Ferrite Strip

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Y. Naito, K. Araki and S. Enjouji. "New Edge Guided Wave on Ferrite Strip." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 379-381.

Electromagnetic wave propagation along ferrite strip whose cross section is square immersed in D.C. magnetic field is investigated experimentally. The existence of the mode similar to edge guided mode in ferrite substrate microstrip line was discovered. This mode may be useful for nonreciprocal circuit in millimeter and optical integrated circuit.

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