

# Abstracts

## Development Towards Practical Applications of TE/sub 01/-mode Circular Waveguides, Leaky Waveguides, and Beam Waveguides

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*T. Nakahara. "Development Towards Practical Applications of TE/sub 01/-mode Circular Waveguides, Leaky Waveguides, and Beam Waveguides." 1966 G-MTT International Microwave Symposium Digest 66.1 (1966 [MWSYM]): 164-169.*

Recent developments on application of topical waveguides in Japan are reviewed. Continuous and concentrated efforts have been made to improve the TE/sub 01/ circular waveguide system for materialization of millimeter wave communication. Another feature of our developments is the practical application of such up-dated microwave techniques as leaky waveguides and beam waveguides to the vehicular communication or train control systems.

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