

Abstracts

TE and TM Modes of Some Triangular Cross-Section Waveguides Using Superposition of Plane Waves (Comments)

J. Zhang and J. Fu. "TE and TM Modes of Some Triangular Cross-Section Waveguides Using Superposition of Plane Waves (Comments)." 1991 Transactions on Microwave Theory and Techniques 39.3 (Mar. 1991 [T-MTT]): 612-613.

In the above paper, Overfelt and White found the exact transverse electric and magnetic mode solution of four triangular cross-section waveguides: 1) equilateral; 2) 30°, 30°, 120°; 3) isosceles right; and 4) 30°, 60° right triangular. But the work of Prof. Lin Weigan some years ago should not be neglected. His results for 30°, 60° right triangular waveguides are as follows.

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