Abstracts

The Impedance Wall Concept Applied to a Dielectrically Loaded Waveguide Problem (Correspondence)

P. Bernardi and F. Valdoni. "The Impedance Wall Concept Applied to a Dielectrically Loaded Waveguide Problem (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 19.2 (Feb. 1968 [T-MTT]): 126-127.

The impedance wall concept is applied to solve the problem of the propagation of TE zero-order modes in a rectangular waveguide, loaded by a thin and high dielectic constant slab against one sidewall. In this way, a good approximate solution is readily obtained.

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