

# Abstracts

## Wave Interaction in Doubly Periodic Structures

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*S.T. Peng, J.M. Dong and L.M. Wang. "Wave Interaction in Doubly Periodic Structures." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 131-134.*

A rigorous analysis is presented for the propagation in a doubly periodic structure. General wave characteristics are established and various types of wave interaction are identified. Numerical examples are shown to illustrate new interesting physical phenomena.

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