

Abstracts

Fast Procedures for Highly Dispersive Absorbing Boundary Conditions

M. Mrozowski, M. Niedzwiecki and P. Suchomski. "Fast Procedures for Highly Dispersive Absorbing Boundary Conditions." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 801-804.

The paper presents fast digital filter algorithms for time domain diakoptics. As an example of application a highly dispersive absorbing boundary condition is implemented using low order zero-pole and Laguerre filters. The filters presented in this paper can be used for modeling of various dispersive phenomena.

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