

Abstracts

New Prospects for Time Domain Analysis

M. Krumpholz and L.P.B. Katehi. "New Prospects for Time Domain Analysis." 1995 Microwave and Guided Wave Letters 5.11 (Nov. 1995 [MGWL]): 382-385.

The method of moments with scaling functions is applied directly to Maxwell's equations. As a result, we obtain a new three-dimensional time domain scheme with highly linear dispersion characteristics that allows one to incorporate the advantages of multiresolution analysis. First examples suggest significant reductions with respect to computer resources.

 [Return to main document.](#)

Click on title for a complete paper.