

Abstracts

Rapid calculation of the Green's function in the shielded planar structures

Myun-Joo Park and Sangwook Nam. "Rapid calculation of the Green's function in the shielded planar structures." 1997 Microwave and Guided Wave Letters 7.10 (Oct. 1997 [MGWL]): 326-328.

A rapid summation method is proposed for the potential Green's function in shielded planar multilayered structures. Most terms of the Green's function series are converted into the space domain static image series and are calculated efficiently using the Ewald sum technique. Numerical results show the efficiency and accuracy of the proposed method.

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