

Letters

Corrections to “Numerical Analysis of Complicated Waveguide Circuits on the Basis of Generalized Scattering Matrices and Domain Product Technique”

Vitaliy P. Chumachenko and Vladimir P. Pyankov

It is asserted in the above paper¹ that Fig. 4 shows scattering characteristics of a rectangular waveguide junction depicted. In fact, Fig. 4 presents the a/λ -dependence of the S -matrix for a similar parallel-plate configuration ($b = \infty$) with a frequency-dependent load. The structure is excited by the TEM mode and $\varepsilon = 2.3 + 0.081/(a/\lambda)^2$.

Manuscript received January 28, 2002.

V. P. Chumachenko is with the Electronics Engineering Department, Gebze Institute of Technology, Gebze 41400, Kocaeli, Turkey, on leave from the Department of Higher Mathematics, Zaporizhzhia National Technical University, Zaporizhzhia 69063, Ukraine.

V. P. Pyankov is with the Department of Higher Mathematics, Zaporizhzhia National Technical University, Zaporizhzhia 69063, Ukraine.

Publisher Item Identifier S 0018-9480(02)05217-1.

¹V. P. Chumachenko and V. P. Pyankov, *IEEE Trans. Microwave Theory Tech.*, vol. 48, no. 2, pp. 305–308, Feb. 2000.