

Letters

Corrections to “Capacitance Computations in a Multilayered Dielectric Medium Using Closed-Form Spatial Green’s Functions”

Kyung S. Oh, D. Kuznetsov, and Jose E. Schutt-Aine

In the above paper¹, several misprints were found, and they are corrected below:

- 1) In (3a), $(2\pi^2)$ should read: $(2\pi)^2$.
- 2) In (6a), $e^{-\gamma_0 y}$ should read: $e^{-\gamma y}$.
- 3) In (6b), $e^{-2\gamma d_n - \gamma y}$ should read: $e^{-2\gamma d_{n-1} - \gamma y}$.
- 4) In (12a), $e^{\gamma(+y-y_0+2(d_{m-1}d_n))}$ should read: $e^{\gamma(+y-y_0+2(d_{m-1}-d_n))}$.
- 5) In (12b), $e^{\gamma(-y+y_0-2(d_{n-1}-d_m))}$ should read: $e^{\gamma(-y+y_0+2(d_{n-1}-d_m))}$.
- 6) In (22a), (22b), (23a), and (23b) $\langle G_{12}^{3D}, q_{11}^{ex} \rangle$, $\langle G_{12}^{3D}, q_{21}^{ex} \rangle$, $\langle G_{22}^{3D}, q_{12}^{ex} \rangle$, and $\langle G_{22}^{3D}, q_{22}^{ex} \rangle$ should read: $\langle G_{12}^{3D}, q_{11}^{ex} \rangle$, $\langle G_{12}^{3D}, q_{21}^{ex} \rangle$, $\langle G_{22}^{3D}, q_{12}^{ex} \rangle$, and $\langle G_{22}^{3D}, q_{22}^{ex} \rangle$, respectively.
- 7) In (24b), G_{11}^{2D} should read: G_{21}^{2D} .
- 8) In (A9), $\frac{1}{4\pi\epsilon}$ should read: $-\frac{1}{4\pi\epsilon}$.

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¹K. S. Oh, D. Kuznetsov, and J. E. Schutt-Aine, *IEEE Trans. Microwave Theory Tech.*, vol. 42, no. 8, pp. 1443–1453, Aug. 1994.

Corrections to “Direct Synthesis of Cascaded Quadruplet (CQ) Filters”

Ralph Levy

In the above paper¹ the value of C_{20} in the caption to Fig. 7(a) should be 1.404 06.

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¹R. Levy, *IEEE Trans. Microwave Theory Tech.*, vol. 43, no. 12, pp. 2940–2945, Dec. 1995.

The values of the following inverter admittances should be added to the caption to Fig. 8(b):

$$J_{23} = 1.846\ 476, \quad J_{67} = 0.781\ 538, \quad J_{10,11} = 1.467\ 517.$$

In addition, the shunt circuit element at node 6 of Fig. 8(a) is a capacitor of value $C_{60} = 2.960\ 430$.

Corrections to “Complex Power and Mode Coupling in Circular Chirowaveguides”

Gerald Busse and Arne F. Jacob

In the above paper¹, some typographical errors need to be corrected as follows:

- 1) On p. 1182 before (3) the abbreviation should be $\eta = \sqrt{(\mu/\epsilon)}$.
- 2) On p. 1183, in the fifth line, “corres pond” should read “correspond.”
- 3) Table I should be substituted by the table shown below.

TABLE I
NORMALIZED MODAL AND COUPLED POWER IN A CIRCULAR CHIROWAVEGUIDE

Case	Propagation constants	$\tilde{P}_{z1}^{k,l} =$	$\tilde{P}_{z2}^{k,l} =$	Symmetry
1a)	$k_z^k = k_z^l \in \mathbb{R}$	$\tilde{P}_{z1}^{k,k} \in \mathbb{R}$	0	-
1b)	$k_z^k = k_z^l \in \mathbb{C}$	0	$\tilde{P}_{z2}^{k,k} \in j\mathbb{R}$	-
2a)	$k_z^k \in \mathbb{R}, k_z^l \in \mathbb{R}$	0	$\tilde{P}_{z2}^{k,l} \in \mathbb{R}$	$\tilde{P}_z^{k,l} = -(\tilde{P}_z^{l,k})^*$
2b)	$k_z^k \in \mathbb{R}, k_z^l \in \mathbb{C}$	0	$\tilde{P}_{z2}^{k,l} \in \mathbb{C}$	$\tilde{P}_z^{k,l} = -(\tilde{P}_z^{l,k})^*$
2c)	$k_z^k \in \mathbb{C}, k_z^l \in \mathbb{C}$	0	$\tilde{P}_{z2}^{k,l} \in \mathbb{C}$	$\tilde{P}_z^{k,l} = -(\tilde{P}_z^{l,k})^*$
2d)	$k_z^k \in \mathbb{C}, k_z^l \in \mathbb{C}, k_z^k = k_z^{l*}$	$\tilde{P}_{z1}^{k,l} \in \mathbb{C}$	0	$\tilde{P}_z^{k,l} = \tilde{P}_z^{l,k}$

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¹G. Busse and A. F. Jacob, *IEEE Trans. Microwave Theory Tech.*, vol. 43, no. 5, pp. 1182–1186, May 1995.