

# 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 paper<sup>1</sup>, 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)  $\langle G_{12}^{3D}, q_{11}^{ex}, \langle G_{12}^{3D}, q_{21}^{ex}, \langle G_{22}^{3D}, q_{12}^{ex}$ , and  $\langle G_{22}^{3D}, q_{22}^{ex}$  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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<sup>1</sup>K. 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 paper<sup>1</sup> the value of  $C_{20}$  in the caption to Fig. 7(a) should be 1.404 06.

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<sup>1</sup>R. 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 Chirrowaveguides"

Gerald Busse and Arne F. Jacob

In the above paper<sup>1</sup>, 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 CHIRWAVEGUIDE

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