Letters

Correction to "Characteristic Impedance of Rectangular Coaxial Transmission Lines"

ROBERT DILEO, MEMBER, IEEE, AND MILTON MAGID, SENIOR MEMBER, IEEE

An equation in a technical paper by Cruzan and Garver[1] has been misprinted. In (8), on page 491, the hyperbolic cosine term in the denominator of the equation for m_p should read

$$\cosh\left[p\pi\left(\frac{b}{2g}+\frac{h}{g}\right)\right].$$

The curves printed in the paper were computed from an internal report [1] and are correct. Dr. Garver supplied the authors with a copy of the report cited in [1].

REFERENCES

[1] O. R. Cruzan and R. V. Garver, "Characteristic impedance of rectangular coaxial transmission lines," Harry Diamond Laboratories, Washington, D.C., Rep. no. TR-1077, Sept. 26, 1962.

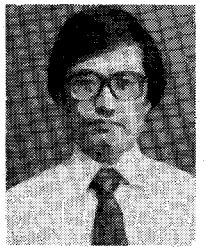
Manuscript received Dec. 14, 1983.

The authors are with TECH Systems Corp., Thomaston, CT 06787.

[1] O. R. Cruzan and R. V. Garver, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-12, no. 5, pp. 488–495, Sept. 1964.

Correction to "Scattering of Guided Modes Caused by an Arbitrarily Shaped Broken End in a Dielectric Slab Waveguide"

Due to a technical oversight in the production of the November issue of this TRANSACTIONS, Nagayoshi Morita's photograph did not appear with his biography in the above paper.[1] Following is a reprint of Dr. Morita's biography with his photo.



Nagayoshi Morita (M'67) was born in Toyama, Japan, on March 28, 1942. He received the B.S., M.S., and Ph.D. degrees in engineering from Osaka University, Suita-shi, Japan, in 1964, 1966, and 1977, respectively.

Since 1966, he has been with the Department of Communication Engineering, Osaka University, Suita-shi, Japan, where he has been engaged in research work on discontinuities in millimeter waveguides and optical waveguides, analytic and numerical techniques for electromagnetic wave problems, bioelectromagnetics, etc.

Dr. Morita is a member of the Institute of Electronics and Communication Engineers of Japan, and the Japan Society of Medical Electronics and Biological Engineering.

The author is with the Department of Communication Engineering, Osaka University, Yamada Oka, Suita 565, Osaka, Japan.

[1] E. Nishimura, N. Morita, and N. Kumagai, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-31, pp. 923–930, Nov. 1983.

Correction to "Microwave Automatic Impedance Measuring Schemes Using Three Fixed Probes"

CHIA-LUN J. HU

In the above paper,[1] the Acknowledgment Section should have appeared as follows:

ACKNOWLEDGMENT

The author would like to express his appreciation to the National Science Foundation for supporting the major part of the work, and to the National Bureau of Standards at Boulder, CO, for providing a summer research opportunity such that the pre-planned experiments were completed accordingly.

Manuscript received November 19, 1983.

The author is with the Department of Electrical Sciences and Systems Engineering, Southern Illinois University, Carbondale, IL 62901.

[1] C. J. Hu, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-31, pp. 756–762, Sept. 1983.

Correction to "Loop-Gap Resonator: A Lumped Mode Microwave Resonant Structure"

In the above paper,[1] the first half of the sentence beginning on the left-hand column of p. 1060 was mistakenly deleted. The complete sentence reads as follows:

"The loop-gap resonator is now being used as a sample structure in magnetic resonance spectroscopy (NMR and ESR) [2]–[4]."

[1] M. Mehdizadeh, T. K. Ishii, J. S. Hyde, and W. Froncisz, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-31, pp. 1059–1064, Dec. 1983.

M. Mehdizadeh and T. K. Ishii are with the Department of Electrical Engineering and Computer Science, Marquette University, Milwaukee, WI 53233.

J. S. Hyde and M. Mehdizadeh are with the National Biomedical ESR Center, Department of Radiology, Medical College of Wisconsin, Milwaukee, WI 53226.

W. Froncisz is currently with the Medical College of Wisconsin, on leave from the Institute of Molecular Biology, Jagiellonian University, Kracow, Poland.

0018-9480/84/0200-0219$01.00 ©1984 IEEE