ACKNOWLEDGMENT

The author wishes to thank several members of the National Standards Laboratory: I. G. Morgan contributed helpful suggestions; the paper tape punch control and Serializer are general-purpose data recording units designed by G. J. A. Cassidy and J. Duruz; the noncontacting air gauges were originated by J. Field; and much of the equipment was constructed by C. Ella.

REFERENCES

[1] G. F. Engen and R. W. Beatty, "Microwave reflectometer techniques," *IRE Trans. on Microwave Theory and Techniques*, vol. MTT-7, no. 3, pp. 351–355, July 1959.
[2] J. Willis and N. K. Sinha, "Non-uniform transmission lines as impedance transformers," *Proc. IEE (London)*, vol. 103, pt. B, pp. 166–172, March 1956.
[3] N. Marcuvitz, *Waveguide Handbook*. New York: McGraw-Hill, 1951, ch. 5, pp. 307–308.
[4] J. S. Field, private communication.

Correction
"Multiple-Idler Parametric Amplifiers"

R. L. Ernst, author of the above paper, which appeared on pp. 9–22 of the January 1967, issue of this TRANSACTIONS, has called the following to the attention of the Editor.

On page 10:

In (5), the terms $S_1^*/j\omega_1$ and $S_1^*/j\omega_2$ should have been preceded by minus signs.

On page 11:

Q_1 should have been positive, and Q_k is valid only for k greater than one.

On page 13:

The first term in the equation preceding (17) should have read $2\zeta_2\omega_s\omega_p^2$.

The derivation for noise temperature in (20) assumes S_1 is real; i.e., $S_1 = S_1^* = |S_1|$. This can be done by choosing the angle of pumping properly.

On page 14:

Equation (22) should have read

$$\omega_p = \frac{1}{2}\frac{\sqrt{\omega_s^2 + m_1^2\omega_c^2}}{\zeta_1} + \frac{(3\zeta_1 - 2)}{4\zeta_1}\omega_s + \frac{1}{4\zeta_1}\sqrt{[2\sqrt{\omega_s^2 + m_1^2\omega_c^2} + (\zeta_1 - 2)\omega_s]^2 - 8\frac{\zeta_1}{\zeta_2}m_1^2\omega_c^2}.$$

In the equation following (23), the term

$$\zeta_1\left(\frac{m_1\omega_c}{\omega_1} - \frac{m_1\omega_c}{\omega_2}\right)\left[\frac{m_1^3\omega_c^3}{\omega_s^2\omega_1} + \frac{m_1^3\omega_c^3}{\omega_s\omega_1\omega_2} + \zeta_1\left(\frac{m_1\omega_c}{\omega_1} - \frac{m_1\omega_c}{\omega_2}\right)\right]$$

should have been raised to the $\frac{1}{2}$ power.

On page 17:

In the equation for noise temperature, the denominator should have been multiplied by R_s.

On page 21:

The first equality of (61) should have read

$$b_{33} = a_{33} - \frac{a_{34}}{b_{44}}a_{43}.$$

Equation (65) should be identical to (8).