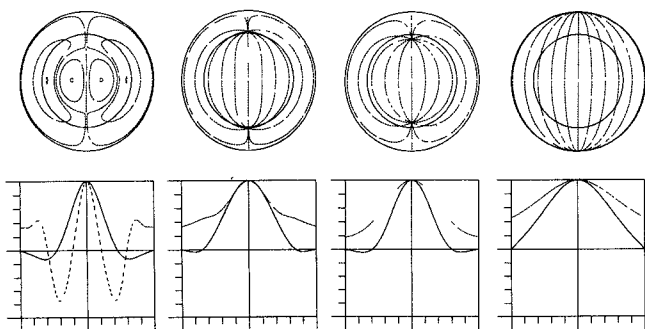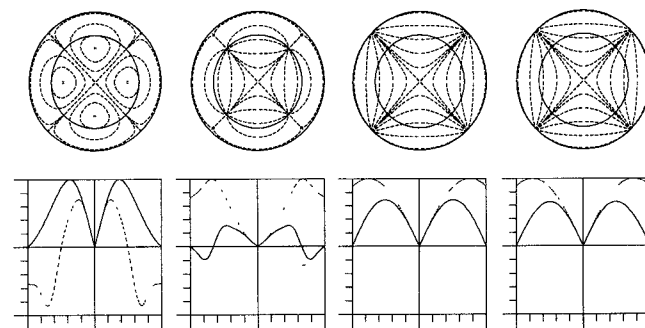Fig. 20. Magnetic fields for HEE_{12} mode at $z = L/2$.

Fig. 22. Magnetic fields for HEE_{21} mode at $z = L/2$.

Corrections to "A New Model for the Apparent Characteristic Impedance of Finned Waveguide and Finlines"

P. PRAMANICK AND P. BHARTIA

In the above paper,[1] the coefficients of (25) should have read

$$p = \left[AN^2 + 2BN - \bar{\alpha}_1^2 \right]/BN^2$$

$$q = \left[B + 2AN - \frac{N}{4}(b/a)^2(\lambda/b)^2 - 2\bar{\alpha}_1\bar{\alpha}_2 \right]/BN^2$$

$$r = \left[A - \frac{1}{4}(b/a)^2(\lambda/b)^2 - \bar{\alpha}_2^2 \right]/BN^2$$

$$A = 1 + b_1(s/a)(\epsilon_r - 1)$$

$$B = a_1(s/a)(\epsilon_r - 1)$$

$$\bar{\alpha}_1 = \alpha_1/Z_0(f)$$

$$\bar{\alpha}_2 = \alpha_2/Z_0(f)$$

and α_1 and α_2 are given by (20a) and (20b), respectively.

[1]P. Pramanick and P. Bhartia, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-34, pp. 1437–1441, Dec. 1986.