Correspondence

Correction to "Modal Conversion in a Gradient-Index Channel Waveguide Due to Boundary Perturbations"

J. J. DANKO AND J. HAAVISTO

In the above paper,[1] (8) should read

$$\Delta P_g = P\left\{\sum_{\substack{p,m\\(p+m)>0}} |a_{pm}^{+}(L)|^2 + \sum_{p,m} |a_{pm}^{-}(0)|^2\right\}$$

$$= \frac{Pk_0^4}{4\beta_{00}^2\left[\int |E_0(x)|^2\,dx\right]^2} \cdot \left\{\sum_{p>0}\left|\int_0^L\int \delta n^2(x,z)\,E_p^*(x)\,E_0(x)\,e^{-i(\beta_{00}-\beta_{p0})z}\,dx\,dz\right|^2 + \sum_{p}\left|\int_0^L\int \delta n^2(x,z)\,E_p^*(x)\,E_0(x) e^{-i(\beta_{00}+\beta_{p0})z}\,dx\,dz\right|^2\right\}.$$

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[1]J. J. Danko and J. Haavisto, *J. Lightwave Technol.*, pp. 176–183, Feb. 1985.

Correction to "Bandwidth of a Multimode Fiber Chain"

P. M. RODHE

In the above paper,[1] (A4) and (A5) should read

$$\sigma_{t_{12e}}^2 = E\{\tilde{t}_{12e}^2\} - E^2\{\tilde{t}_{12e}\} = \sum_{m=1}^{M} mt_m^2(1+K)^2\Big/\sum_{m=1}^{M} m - \left[\sum_{m=1}^{M} mt_m(1+K)\Big/\sum_{m=1}^{M} m\right]^2 \quad \text{(A4)}$$

and

$$\sigma_{t_{1e}}^2 = \sum_{m=1}^{M} mt_m^2\Big/\sum_{m=1}^{M} m - \left(\sum_{m=1}^{M} mt_m\Big/\sum_{m=1}^{M} m\right)^2 \quad \text{(A5)}$$

respectively.

The heading of Appendix B should read

DERIVATION OF (6).

Manuscript received April 22, 1985.

[1]P. M. Rodhe, *J. Lightwave Technol.*, vol. LT-3, pp. 145–154, Feb. 1985.

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