Letters

Corrections to "New Explicit Expressions for the Coupling Matrix Elements Related to Scattering from a Planar Periodic Single-Strip Grating"

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In the above paper[1] (2), (3), and (11) need some corrections and should read as follows:

$$\int_{-b/2}^{b/2} f_n(z') \sum_{m \neq o} B \frac{e^{-j\frac{2m\pi}{p}(z-z')}}{|m|} \, dz' = e^{-j\frac{2n\pi}{p}z} \qquad (2)$$

$$2B \int_{-b/2}^{b/2} f_n(z') \ln \frac{1}{2\sin\frac{\pi|z-z'|}{p}} \, dz' = e^{-j\frac{2n\pi}{p}z} \qquad (3)$$

$$A_{mn} = \frac{1}{2B} \left[-\frac{(P_n(u) + P_{n-1}(u))(P_m(u) + P_{m-1}(u))}{4 \ln \sin(A/2)} \right.$$
$$\left. + n \left\{ \begin{array}{ll} -\sum_{p=o}^{-n} \rho_{-n-p}(u) P_{m+p}(u), & n \leq -1 \\ \sum_{p=o}^{n} \rho_{n-p}(u) P_{-m+p}(u), & n \geq 1 \end{array} \right. \right]. \qquad (11)$$

[1] D. N. Filipovic, *IEEE Trans. Microwave Theory Tech.*, vol. 43, pp. 1540–1544, July 1995.