Letters

Corrections to "A Continuum Model of the Dynamics of Coupled Oscillator Arrays for Phase-Shifterless Beam Scanning"

Ronald J. Pogorzelski, Paola F. Maccarini, and Robert A. York

In the above paper,[1] the normalized u_0 eigenfunction in (17) should not have the factor of $\sqrt{2}$ in the numerator. All the other u_n and ν_m eigenfunctions are correct as shown. This means that (23) should read

$$
\tilde{G}(x, x'; s) = \sum_{n=0}^{\infty} \eta_{n0} \frac{\cosh\left(x'\sqrt{s_n}\right)\cosh\left(x\sqrt{s_n}\right)}{(2a+1)(s_n - s)}
$$
$$
- \sum_{m=0}^{\infty} \frac{2\sinh\left(x'\sqrt{s_m}\right)\sinh\left(x\sqrt{s_m}\right)}{(2a+1)(s_m - s)}
$$

where $\eta_{ij} = 2$ for $i \neq j$ and 1 for $i = j$. Similarly, this η factor should also replace the factor of "2" in the first summation of (24). Also the lower limit on the third summation in (25) and that in the first sum-mation of (26) should be "1" instead of "0." Finally, the trigonometric functions in the second summation of (26) should be sines instead of cosines.

Corrections to "Continuum Modeling of the Dynamics of Externally Injection-Locked Coupled Oscillator Arrays"

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In the above paper,[1] equation (49) should read as follows:

$$
A_n e^{-\sigma_n \tau} * g(\tau)
$$
$$
= A_n e^{-\sigma_n \tau} \left\{ e^{\sigma_n \tau_0} e^{\sigma_n^2/(4\alpha)} \frac{1}{\sqrt{\pi\alpha}} [\text{erfc}(\nu_1) - \text{erfc}(\nu_2)] \right\} \frac{\pi}{2}.
$$

[1] R. J. Pogorzelski, P. F. Maccarini, and R. A. York, *IEEE Trans. Microwave Theory Tech.*, vol. 47, no. 4, pp. 463–470, Apr. 1999.

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