ERRATA

Erratum: Relaxation oscillations of solitons [JETP Lett. 60, No. 6, 486 (25 September 1994)]

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There are errors in some intermediate equations in this paper. The final results for the displacement of the soliton and for the oscillation frequencies are printed correctly. The sign in the argument of the exponential function should be changed in Eqs. (10)–(13). The sign on the integral in (17) should also be changed. Equation (16) should read

$$
E(z,t) = E_1(z,t) - 2i\,\eta \left(e^{i\varphi} + \frac{E_1(z,t)}{2} \left[\frac{e^{-\theta}}{\lambda_0 - \xi} - \frac{e^{\theta}}{\bar{\lambda}_0 - \bar{\xi}} \right] \right)
$$

$$
\times \left(\cosh\,\theta + \frac{|E_1(z,t)|\,\eta}{|\lambda_0 - \xi|^2} \sin(\Phi_1 - \varphi) \right)^{-1}.
$$

Here

$$
\theta = 2\,\eta[t - \Delta(\xi) + 4\zeta z] + 2\gamma'',
$$

$$
\varphi = -2\zeta t + 4(\eta^2 - \zeta^2)z - 2\gamma' + \Phi_2,
$$

$$
\Phi_1 = \arg E_1,
$$

$$
\Phi_2 = -\int_{-\infty}^{\infty} \text{sign}(\xi' - \xi)\, \frac{(\xi' - \zeta)\alpha(\xi')d\xi'}{|\xi' - \lambda_0|^2},
$$

$$
\Delta(\xi) = \tfrac{1}{2}\int_{-\infty}^{\infty} \text{sign}(\xi' - \xi)\, \frac{\alpha(\xi')d\xi'}{|\xi' - \lambda_0|^2}.
$$

Translated by D. Parsons