

Errata for: Mathematical frontiers in optical solitons

Jared C. Bronski,^{*} Mordechai Segev,[†] and Michael I. Weinstein[‡]

Proc. Natl. Acad. Sci. USA **98** no. 23 12872–12873 (2001)

The equation in the first column of page 12873 should read:

$$i(E_T^\pm + E_Z^\pm) + \kappa(Z)E^\mp + V(Z)E^\pm + (|E^\pm|^2 + 2|E^\mp|^2)E^\pm \quad (0.1)$$

or, in a less compact form:

$$\begin{aligned} i(E_T^+ + E_Z^+) + \kappa(Z)E^- + V(Z)E^+ + (|E^+|^2 + 2|E^-|^2)E^+ &= 0 \\ i(E_T^- - E_Z^-) + \kappa(Z)E^+ + V(Z)E^- + (|E^-|^2 + 2|E^+|^2)E^- &= 0 \end{aligned}$$

^{*}Department of Mathematics, University of Illinois Urbana, IL 61820 USA

[†]Physics Department, Technion-Israel Institute of Technology, Haifa 32000, Israel

[‡]Fundamental Mathematics Research Department, Bell Laboratories, 600 Mountain Ave., Murray Hill, NJ 07974 USA