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# Zero-velocity solitons in high-index photonic crystal fibers: erratum

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After publication of the manuscript, it has come to the author's attention that the exponential soliton deceleration caused by Raman effects was earlier described by Yulin and Skryabin [1]. Thus, the claim of novelty for the description of this phenomenon in [2] is incorrect.

Equation (30) in [2] should have read

$$\tilde{A}(t, z) = \sqrt{\xi_0} \operatorname{sech}\left(\frac{z - v_g t}{z_0}\right) e^{it(\omega(\beta_0) - 1/T_{\text{NL}})} e^{-i\beta_0 z};$$

$$z_0^2 = \frac{\omega_2}{\Gamma \xi_0}; \quad \Gamma = \frac{\omega_0 N_2}{A_{\text{eff}}}; \quad T_{\text{NL}} = \frac{1}{\Gamma \xi_0}. \quad (1)$$

In the original manuscript,  $\tilde{A}(t, z)$  was erroneously replaced by  $A(t, z)$  on the left-hand side.

## REFERENCES

1. A. V. Yulin and D. V. Skryabin, "Slowing down of solitons by intrapulse Raman scattering in fibers with frequency cutoff," *Opt. Lett.* **31**, 3092–3094 (2006).
2. J. Lægsgaard, "Zero-velocity solitons in high-index photonic crystal fibers," *J. Opt. Soc. Am. B* **28**, 37–44 (2011).