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Published in:
Optical Society of America. Journal B: Optical Physics

Link to article, DOI:
[10.1364/JOSAB.28.000432](https://doi.org/10.1364/JOSAB.28.000432)

Publication date:
2011

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Lægsgaard, J. (2011). Zero-velocity solitons in high-index photonic crystal fibers: Erratum. *Optical Society of America. Journal B: Optical Physics*, 28(3), 432-432. <https://doi.org/10.1364/JOSAB.28.000432>

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

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Received December 21, 2010; accepted ;

posted December 21, 2010 (Doc. ID 139994); published February 17, 2011

Erratum for [J. Lægsgaard, "Zero-velocity solitons in high-index photonic crystal fibers," J. Opt. Soc. Am. B **28**, 37–44 (2011)]. © 2011 Optical Society of America

OCIS codes: 060.4005, 060.4370, 060.5295, 060.5530, 190.5650, 190.6135.

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).