



Theoretical analysis of single-cycle self-compression of near infrared pulses using high-spatial modes in capillary fibers: erratum

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Abstract: The first equation in [Opt. Express **26**, 6345 (2018)] contains an error and is corrected in this erratum.

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OCIS codes: (320.5520) Pulse compression; (190.7110) Ultrafast nonlinear optics; (190.5530) Pulse propagation and temporal solitons.

References and links

1. B.A. Lopez-Zubieta, E. Conejero Jarque, I.J. Sola and J. San Roman, "Theoretical analysis of single-cycle self-compression of near infrared pulses using high-spatial modes in capillary fibers," Opt. Express **26**, 6345-6350 (2018).

We have recognized an error in Eq. (1) of Ref. [1], which should read correctly:

$$\beta_m(\omega) = \frac{n(\omega)\omega}{c} \left(1 - \frac{1}{2} \left(\frac{u_m c}{r_F n(\omega)\omega} \right)^2 \right), \quad m = 1, 2, \dots \quad (1)$$

None of the results are affected by this typographic error. We are grateful to Aurora Crego for drawing our attention to it.