Erratum: Modulational instability of bright solitary waves in incoherently coupled nonlinear Schrödinger equations [Phys. Rev. E 60, 1019 (1999)]

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Minor errors appear on the page 1028 in the unnumbered formulas and in the scaling coefficients throughout the paragraph after them. The corrected formulas and text are given below.

$$\lambda_{\mathrm{ph}}=\frac{\lambda}{kw^2}, \quad \Omega_{\mathrm{ph}}^2=\frac{2\Omega^2}{k|k''|w^2}.$$

Here λ_{ph} and Ω_{ph} are the instability growth rate and modulational frequency in physical units, k is the wave vector, w is the beam width, and $k''=\partial_\omega^2 k$. For example, for radiation at 1 μm propagating in an AlGaAs planar waveguide, $k''\simeq -10^{-23}$ s^2/m [38] and for typical soliton transverse size $w\simeq 50$ μm [39] we get $\lambda_{\mathrm{ph}}\simeq\lambda/(1.5\ \mathrm{cm})$ and $\Omega_{\mathrm{ph}}^2\simeq\Omega^2\times 10^{25}$ s^{-2}. For experiments with fused silica at wavelength 830 nm, see the second of Refs. 37, $k''\simeq -10^{-26}$ s^2/m and $\Omega_{\mathrm{ph}}^2\simeq\Omega^2\times 10^{28}$ s^{-2}.

