

**Erratum: Observation of supercontinuum generation in the direct simulation
of an intense laser pulse propagating in a neutral gas
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In this paper there is an error in the formula for the nonlinear index of refraction shown in Eq. (9) and the one which was used in subsequent calculations. It should be

$$n_2 = \frac{12\pi^2}{n_0^2 c} \frac{a_0^7 n_N}{q^2}. \quad (9)$$

Using this corrected formula the correct values in the paper are $P/P_{cr}=154$, the whole beam self-focusing distance z_f is 1.1 cm, the small scale focusing distance is 0.6 cm with $\delta=0.1$, the filament size is $d=7.6 \mu\text{m}$, and $n_p/n_c=2.1 \times 10^{-3}$. As a result of the reduction in n_p/n_c the sentence on page 3, 4 lines after Eq. (13), “Exactly down the center...the density is about a factor of 2 higher than the theoretical value...” should be “Exactly down the center...the density is about a factor of 4 higher than the theoretical value...” and the sentence on page 4, line 8 of the third paragraph, “In addition, the predicted balance density is also in good agreement...” should be changed to “In addition, the predicted balance density is also in fairly good agreement...” This error does not affect the conclusions of the paper.