


Erratum: Obtaining self-similar scalings in focusing flows [Phys. Rev. E **92, 043016 (2015)]**Joshua A. Dijksman , Shomeek Mukhopadhyay, Cameron Gaebler, Thomas P. Witelski, and Robert P. Behringer

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The paper has three small errors that warrant the publication of an erratum to avoid confusion. Conclusions are not affected. The errors are as follows:

(1) The abstract mentions the work “Diez *et al.* [Q. Appl. Math. **210**, 155 (1990)] and the reference is further cited as Ref. [12]. This reference is not correct; it should be J. A. Diez, J. Gratton, and F. Minotti, Self-similar solutions of the second kind of nonlinear diffusion-type equations, *Quart. Appl. Math.* **50**, 401 (1992).

(2) Equation (2) is incorrectly stated. This equation should be the same as Eq. (4.6) from Ref. [20], but it is not. The correct equation was used to generate Fig. 1(f) from the paper; we checked this and can reproduce the plot. The correct equation should be as follows:

$$R_S = R \left[1 - \frac{1}{R} \left(\frac{4gH_0}{\Omega^2} \right)^{1/2} \right]^{1/2}. \quad (2)$$

(3) The critical rotation rate (defined at the beginning of Sec. II A on p. 3) Ω_c was given as $\sqrt{\frac{gR^2}{2H_0}}$. This is not correct. The correct critical rotation rate is $\Omega_c = \frac{2\sqrt{gH_0}}{R}$ coming from the corrected Eq. (2) mentioned above.