



Erratum to: Collisional dynamics of symmetric two-dimensional quantum droplets

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In the original publication of the article, the sentence after Eq. (2) should be "... subject to the conservation of the total particle number $N = \int n(x,y)dx dy$ for a single component.". There are some typos in the coefficients of Eqs. (3–6) and (8), which does not affect the dimensionless equation of motion, i.e., Eq. (9). Thus, all the results and findings remain unchanged. Below are the equations with correct coefficients:

$$i\hbar \frac{\partial \psi}{\partial t} = \left[-\frac{\hbar^2}{2m} \nabla^2 + \frac{8\pi\hbar^2}{m \ln^2(a_{\uparrow\downarrow}/a)} |\psi|^2 \ln \left(\frac{|\psi|^2}{\sqrt{\epsilon} n_0} \right) \right] \psi, \quad (3)$$

$$x_0 = \sqrt{\frac{\ln(a_{\uparrow\downarrow}/a) a a_{\uparrow\downarrow}}{4e^{-2\gamma-1}}}, \quad (4)$$

$$t_0 = \frac{m \ln(a_{\uparrow\downarrow}/a) a a_{\uparrow\downarrow}}{4\hbar e^{-2\gamma-1}}, \quad (5)$$

$$E_0 = \frac{\hbar^2}{m x_0^2} = \frac{\hbar}{t_0} = \frac{4\hbar^2 e^{-2\gamma-1}}{m \ln(a_{\uparrow\downarrow}/a) a a_{\uparrow\downarrow}}, \quad (6)$$

$$N_0 = \psi_0^2 x_0^2 = \frac{\ln^2(a_{\uparrow\downarrow}/a)}{8\pi}. \quad (8)$$

