


Erratum: Fixed-density boundary conditions in overdamped Langevin simulations of diffusion in channels [Phys. Rev. E **98, 013302 (2018)]**L. Ramírez-Piscina 

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There were misprints in Eqs. (17) and (19) of my paper. The correct Eq. (17) should read

$$x \simeq f \Delta t + \left(-4 \Delta t \frac{k_B T}{\gamma} \ln[2\sqrt{\pi} q(a)(1 - \chi)] \right)^{1/2} \quad (17)$$

and the correct Eq. (19) should read

$$x = f \Delta t + \left(4 \Delta t \frac{k_B T}{\gamma} \right)^{1/2} y. \quad (19)$$

These misprints do not impact the presented results and conclusions; all simulations in the paper have been performed by using the correct equations.

I would like to thank Josep Bataller, Guillermo Villanueva, and Ce Xu Zheng for reporting numerical inconsistencies when using the published equations.