## = ERRATUM =

## Erratum to: "Nonlinear Generation of Vorticity in Thin Smectic Films" [JETP Letters 103, 201 (2016)]

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The right-hand side of Eq. (16) should be

$$\langle (\partial_{\alpha}h\partial_{z}\boldsymbol{\omega}_{\alpha})^{II} - (\partial_{\alpha}h\partial_{z}\boldsymbol{\omega}_{\alpha})^{I} \rangle.$$

This contribution appears because quantities on the surface of the film appear in Eq. (9) and the height of film elevation h(x, y, t) depends on the horizontal coordinates. In particular,

$$\partial_{\alpha} v_{\beta}(x, y, h) = \partial_{\alpha} v_{\beta}(x, y, z) \Big|_{z=h} + \partial_{z} v_{\beta}(x, y, h) \partial_{\alpha} h,$$

but the last term (and similar terms) was disregarded in the corrected work.

Resulting expression (17) should read as follows:

$$\begin{split} \boldsymbol{\varpi}_{z} &= \boldsymbol{\epsilon}_{\alpha\beta} \left\langle \left( e^{\mp \hat{\kappa}z} \, \frac{\hat{\mathbf{K}}}{\hat{k}} \partial_{\alpha} h \right) e^{\mp \hat{k}z} \partial_{\beta} \partial_{\imath} h \right\rangle \\ &+ \frac{\boldsymbol{\epsilon}_{\alpha\beta}}{2} \, \hat{k}^{-1} e^{\mp \hat{k}z} \left\langle (\partial_{\beta} \partial_{\imath} \hat{k}^{-1} h) \hat{\mathbf{K}} \hat{k} \partial_{\alpha} h - \left( \frac{\hat{\mathbf{K}}}{\hat{k}} \partial_{\beta} h \right) \partial_{\alpha} \partial_{\imath} \hat{k} h \right\rangle. \end{split}$$

The factor  $\Theta/2$  in Eq. (20) should be replaced by 1.

Since the main results of the work were based on the analysis of Eqs. (19) and (20), they remain valid with small changes indicated above.

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