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Corrigendum: Mechanism of selforganization in point vortex system (2015 Fluid Dyn. Res. 47 065506)

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Corrections to the typographical errors in the paper "Mechanism of self-organization in point vortex system" [Fluid Dyn. Res. **47** (2015) 065506] are made in this *corrigenda*. These corrections do not affect the results presented in section 3 as the calculations in the section were made with the correct formulae.

Typographical errors are found equations (27) and (28):

$$\begin{aligned}\boldsymbol{\Gamma}_s(\mathbf{r}) &= \boldsymbol{\Gamma}_{s+}(\mathbf{r}) + \boldsymbol{\Gamma}_{s-}(\mathbf{r}) \\ &= -K \int d\mathbf{r}' \frac{(\mathbf{u} - \mathbf{u}')(\mathbf{u} - \mathbf{u}') \cdot \nabla' \omega'}{|\mathbf{u} - \mathbf{u}'|^3} \\ &\quad \cdot [(\omega'_+ - \omega'_-) \nabla \omega - (\omega_+ - \omega_-) \nabla' \omega'],\end{aligned}\tag{27}$$

$$\boldsymbol{\Gamma}_{s\pm}(\mathbf{r}) \equiv -\mathbf{D}_s \cdot \nabla \omega_{\pm} \mp \mathbf{V}_s \omega_{\pm}.\tag{28}$$

The corrected forms of these equations are given by

$$\begin{aligned}\boldsymbol{\Gamma}_s(\mathbf{r}) &= \boldsymbol{\Gamma}_{s+}(\mathbf{r}) + \boldsymbol{\Gamma}_{s-}(\mathbf{r}) \\ &= -K \int d\mathbf{r}' \frac{(\mathbf{u} - \mathbf{u}')(\mathbf{u} - \mathbf{u}')}{|\mathbf{u} - \mathbf{u}'|^3} \\ &\quad \cdot [(\omega'_+ - \omega'_-) \nabla \omega - (\omega_+ - \omega_-) \nabla' \omega'],\end{aligned}\tag{27'}$$

$$\boldsymbol{\Gamma}_{s\pm}(\mathbf{r}) \equiv -\mathbf{D}_s \cdot \nabla \omega_{\pm} \pm \mathbf{V}_s \omega_{\pm}.\tag{28'}$$