Erratum: Linearized propulsion theory of flapping airfoils revisited [Phys. Rev. Fluids 1, 084502 (2016)]

R. Fernandez-Feria

(Received 9 November 2017; published 21 November 2017)

DOI: [10.1103/PhysRevFluids.2.119901](https://doi.org/10.1103/PhysRevFluids.2.119901)

There is a typographical error in Eq. (28) of the original paper, where a term $-U\varpi_e(\xi = 1, t)$ is missing on the right-hand side of the last equality. Equation (28) should be

$$\begin{aligned}\frac{d}{dt} \int_{-1}^1 x \varpi_1 dx &= \frac{d}{dt} \int_1^\infty (\sqrt{\xi^2 - 1} - \xi) \varpi_e d\xi \\ &= U \int_1^\infty \frac{\xi}{\sqrt{\xi^2 - 1}} \varpi_e d\xi - U \int_1^\infty \varpi_e d\xi - U \varpi_e(\xi = 1, t).\end{aligned}\quad (28)$$

All the subsequent equations and results are not affected.