J. Fluid Mech. (2022), *vol*. 941, E1, doi:10.1017/jfm.2022.311

ERRATUM

Exponential asymptotics for steady parasitic capillary ripples on steep gravity waves – ERRATUM

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doi:10.1017/jfm.2022.114, Published by Cambridge University Press, 30 March 2022

The publisher apologises that upon publication an error was made in the equation listed for (4.3c) with + having been replaced in error with an x.

The correct equation is below:

$$0 = \int_{-1/2}^{1/2} \left[\frac{(1-\cos\theta_0)}{q_0} + \frac{F_0^2\theta_0'}{2}(2\cos\theta_0 - q_0 - q_0^2\cos\theta_0) \right.$$
$$+ (3\cos\theta_0 - 2q_0 - q_0^2\cos\theta_0)\left(\frac{F_0^3F_1(1-q_0^2)}{2q_0} - \frac{F_0^4q_1}{8q_0}(1+q_0^2)\right)$$
$$\left. + \frac{F_0^4(1-q_0^2)}{8q_0}(-3\theta_1\sin\theta_0 - 2q_1 + q_0^2\theta_1\sin\theta_0 - 2q_0q_1\cos\theta_0) \right] \mathrm{d}\phi. \qquad (4.3c)$$

Additionally a semi-colon was listed with in the second point within the conclusions section that was not required. The correct text is as below

(ii) optimally truncating the divergent expansion at $N \sim 1/B$ and considering the exponentially small remainder $\bar{q}$ by a solution of the form $q = q_0 + Bq_1 + \cdots + B^N q_N + \bar{q}$;

Reference

Shelton, J. & Trinh, P. 2022. Exponential asymptotics for steady parasitic capillary ripples on steep gravity waves. *J. Fluid Mech.*, **939**, A17. doi:10.1017/jfm.2022.114.