

ERRATUM

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

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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:

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

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 $q = q_0 + Bq_1 + \dots + B^N q_N + \bar{q}$;

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.