

CORRIGENDUM

ZHILING LIAO,^a SHAOWU LI,^a YE LIU,^a AND QINGPING ZOU^b^a State Key Laboratory of Hydraulic Engineering Simulation and Safety, Tianjin University, Tianjin, China^b The Lyell Centre, Institute for Infrastructure and Environment, Heriot-Watt University, Edinburgh, United Kingdom

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Authors Zhiling Liao, Shaowu Li, Ye Liu, and Qingping Zou have noted a graphic error with Fig. 4 and a typographical error with Eq. (10) in their article “An analytical spectral model for infragravity waves over topography in intermediate and shallow water under nonbreaking conditions” that appeared in the September 2021 issue of the *Journal of Physical Oceanography*, Vol. 51, No. 9, pages 2749–2765, <https://doi.org/10.1175/JPO-D-20-0164.1> (Liao et al. 2021). The corrected Fig. 4 appears here.

The corrected Fig. 4 shows that the exact solution and the near-resonant solution agree with the experimental results better as the difference frequency of incident bichromatic waves decreases. The errors are graphic and do not change the conclusions of the paper.

The corrected Eq. (10) reads

$$F_{XX} + [(2\Lambda_1 + \delta - 1)\beta_1 + 2i]F_X + [(\Lambda_1 - 1)\beta_2 + (\Lambda_2 - \Lambda_1 + 1)\beta_1^2 + (2\Lambda_1 + \delta - 1)\beta_1 i - \mu]F - [\Lambda_1\beta_2 + \Lambda_2\beta_1^2 + (2\Lambda_1 + \delta)\beta_1 i - 1] = 0, \quad (10)$$

where the coefficient of $\beta_1^2 F$ should be $\Lambda_2 - \Lambda_1 + 1$. The error is typographical and the correct equation was indeed solved in the original paper.

REFERENCES

- Liao, Z., S. Li, Y. Liu, and Q. Zou, 2021: An analytical spectral model for infragravity waves over topography in intermediate and shallow water under nonbreaking conditions. *J. Phys. Oceanogr.*, **51**, 2749–2765, <https://doi.org/10.1175/JPO-D-20-0164.1>.
- Van Noorloos, J. C., 2003: Energy transfer between short wave groups and bound long waves on a plane slope. M.S. thesis, Faculty of Civil Engineering and Geosciences, Hydraulic Engineering, TU Delft, 84 pp., <http://resolver.tudelft.nl/uuid:13616ff0-407d-43de-9954-ba707cd40d27>.

Corresponding authors: Ye Liu, liuye2009@tju.edu.cn; Qingping Zou, q.zou@hw.ac.uk

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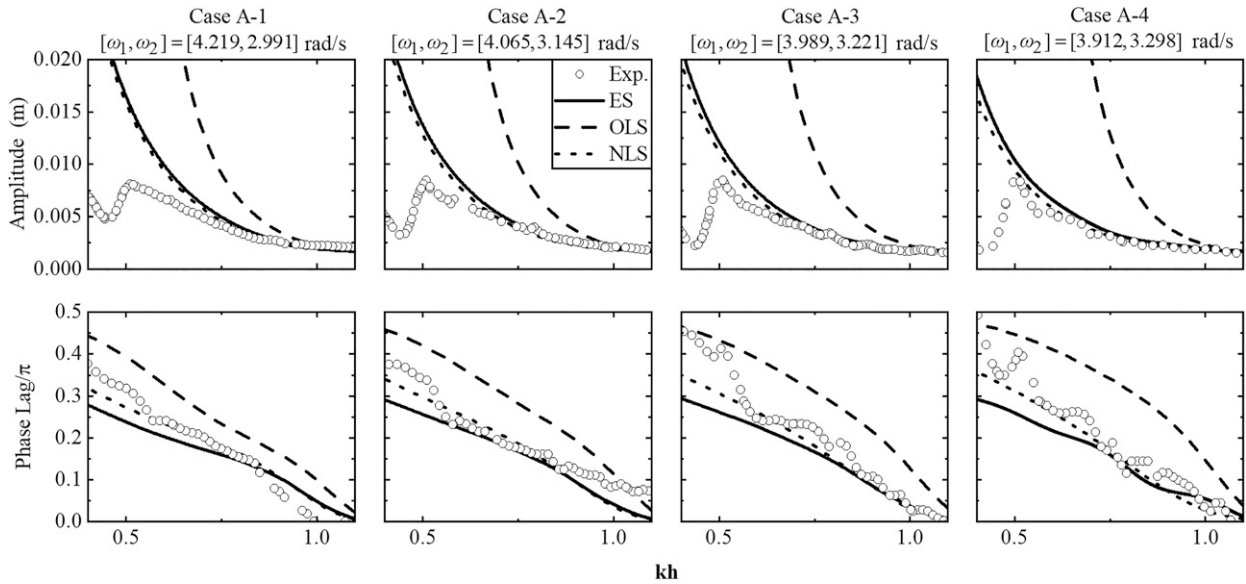


FIG. 4. Theory–data comparisons of the spatial evolution of the amplitude and phase lag with respect to group forcing of group-forced infragravity waves for bichromatic wave groups with radian frequencies ω_1 and ω_2 on a sloping beach of $h_x = -1/35$: the series A cases, Case A-1 to Case A-4, of Van Noorloos's (2003) physical experiment (Exp.; circles), the exact solution (ES; solid lines), off-resonant linear solution [OLS; Eqs. (12) and (17) in the original article; dashed lines], and nearly resonant linear solution [NRS; Eqs. (19) and (21) in the original article; dotted lines] are presented. Wave parameters are $h_0 = 0.7$ m and $a_1(x_0) = 5a_2(x_0) = 0.06$ m.