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CORRIGENDUM

Nonlinear-wave effects on fixed and floating bodies

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Journal of Fluid Mechanics, vol. 120 (1982), pp. 267–281

Equation (2.17) requires an extra term to account for the change in location of S_f over a time step. For a point on S_f that moves vertically a distance $\Delta z (= \eta_{t+\Delta t} - \eta_t)$ in time Δt, the additional term is

$$+\tfrac{1}{2}\Delta z\left[3\left(\frac{\partial \phi}{\partial z}\right)_t - \left(\frac{\partial \phi}{\partial z}\right)_{t-\Delta t}\right].$$

This additional term has been incorporated into the calculation procedure. (A horizontal shift of the point requires a similar term as already indicated in (3.21).)