ERRATA: "Small-amplitude waves on the surface of a layer of a viscous liquid"

By

L. CORTELEZZI AND A. PROSPERETTI

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Unfortunately a number of errors escaped us during the final proofreading of the paper. Although they do not detract from the method or from the results, they may confuse the reader to whom we wish to offer our apologies.

The quantity p in Eq. (1) is the total pressure minus the gravitational potential $-\rho gz$. The first two terms in Eq. (9) should read $-p + \rho g\eta$. The integrand in Eq. (38) should be $\alpha(\zeta, t)$. The second relation in Eq. (46) should be $\partial\hat{\varphi}/\partial z = \partial\hat{\eta}/\partial t$. The left-hand side in Eqs. (49) and (50) is $\hat{p}/\rho$, not $\hat{p}$.

In Eq. (52) the coefficient 3 of the third term should be replaced by 1 and the integrand should read $\hat{A}(z')\partial\hat{G}(0; z')/\partial z'$. These corrections entail some obvious modifications in Eq. (54), namely: the factor 3 should be 1; in the integrals the operator $\partial/\partial z$ should act on $\hat{G}$ and not on $\hat{M}_h$, $\hat{M}_0$; finally, in the last integral, there is an extra factor 2 which should be deleted.

In Eq. (59) the left-hand side should read $s\tilde{K}(s)$ and the fraction should be preceded by a minus rather than a plus sign. In Eq. (63) the fraction should be preceded by a minus sign. Finally, in Eq. (65), the terms in brackets should read

$$+\varepsilon[4\nu^{1/2}kz^5 + 4\nu k^2z^4 + 12\nu^{3/2}k^3z^3 + (8\nu^2k^4 - \omega_0^2)z^2$$
$$+8\nu^{5/2}k^5z + k^2\nu(\omega_0^2 + 4\nu^2k^4)].$$