ERRATA

Erratum to: "Asymptotic Solutions of the Cauchy Problem with Localized Initial Conditions for Linearized Two-Dimensional Boussinesq-Type Equations with Variable Coefficient" [RJMP 20 (2), 155–171 (2013)]

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The following errors were found in the paper. In formula (6) on page 156, it is written $L_1 = (1/3)|p|^4 D^3(x)$. It should read

$$L_1 = -\frac{1}{3}|p|^4 D^3(x).$$

In formula (25) on page 165, it is written $\frac{dA^{\pm}}{dt} \mp i \frac{\lambda L_1}{2\mathcal{H}} A^{\pm} = 0$. It should read

$$\frac{\mathrm{d}A^{\pm}}{\mathrm{d}t} \pm \frac{\lambda L_1}{2\mathcal{H}}A^{\pm} = 0.$$

In formula (36) on page 170, in Appendix A, it is written $\frac{1}{\sqrt{J}}\frac{d}{dt}(\sqrt{J}A^+) - i\frac{L_1}{2\mathcal{H}}A^+ = 0$. It should read

$$\frac{1}{\sqrt{J}}\frac{d}{dt}(\sqrt{J}A^+) + i\frac{L_1}{2\mathcal{H}}A^+ = 0.$$

The conclusion about "anomalous" dispersion is incorrect in this case. Effects which arise due to the fast oscillation parts of bottom lead to the similar effects as a water dispersion effects.