

CORRIGENDUM

On the dispersion relation of random gravity waves.

Part 1. Theoretical framework

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In the second term on the right-hand side of equation (2.10), $|\mathbf{k}_1|$ and $|\mathbf{k}_2|$ should be replaced by $|\mathbf{k}_1|^2/|\mathbf{k}|$ and $|\mathbf{k}_2|^2/|\mathbf{k}|$ respectively.

The following term should be added to the right-hand side of (2.10):

$$\begin{aligned} \frac{1}{2}\omega_1\omega_2\{&|\mathbf{k}_1|+|\mathbf{k}_2|-|\mathbf{k}|(\langle\mathbf{k},\mathbf{k}_1\rangle+\langle\mathbf{k},\mathbf{k}_2\rangle) \\ &+|\mathbf{k}-\mathbf{k}_1|\langle\mathbf{k}-\mathbf{k}_1,\mathbf{k}_1\rangle\langle\mathbf{k}-\mathbf{k}_1,\mathbf{k}_2\rangle+|\mathbf{k}-\mathbf{k}_2|\langle\mathbf{k}-\mathbf{k}_2,\mathbf{k}_1\rangle\langle\mathbf{k}-\mathbf{k}_2,\mathbf{k}_2\rangle\}. \end{aligned}$$

In equation (2.14) the factor e^{ix} should be included in the integrands of the integrals shown.

In the line before equation (A 5), $C_0(k) = k^{\frac{1}{2}}$ should be replaced by $C_0(k) = k^{-\frac{1}{2}}$.

These errors of transcription do not affect the results given in the paper.