

Dear Qiang,

At the request of the typesetting team, please find below three corrections we would like you to consider before finalising our paper. They all stem from typing error on our part.

P8, left column, L29: the value 0.01 % is incorrect. The intended value is the evaluation of Eq. (24) at $x_j = \mu_j + 3\sigma_j$, as written in the text. It simply evaluates to

$$K_j = \exp\left(-\frac{(\mu_j + 3\sigma_j - \mu_j)^2}{2\sigma_j^2}\right) \quad (1)$$

$$= \exp\left(-\frac{9}{2}\right) \quad (2)$$

$$\approx 0.011 \quad (3)$$

$$\approx 1 \%. \quad (4)$$

The clause ‘as the wave envelop of a given mode is reduced to about 0.01 % of its maximum at $x = \mu_j + 3\sigma_j$ ’ should therefore be ‘as the wave envelop of a given mode is reduced to about 1 % of its maximum at $x = \mu_j + 3\sigma_j$ ’.

P13, left column, L54: the order of the inequality is wrong. We have $kL_D = n\pi \frac{L_D}{L} \approx 10 \frac{L_D}{L}$. We also have $kL_D \approx 1$ ($kL_D = 1.28$ on Fig. 7d). Combining the two, we get

$$10 \frac{L_D}{L} \approx 1 \Leftrightarrow L \approx 10L_D \quad (5)$$

$$\Leftrightarrow L \gg L_D. \quad (6)$$

The clause ‘This is despite staying in a regime where $L_D \gg L$ ’ should therefore be ‘This is despite staying in a regime where $L_D \ll L$ ’.

P15, right column, L37: the comma does not convey the intended meaning. We simply use the relationship between wavenumber k and wavelength λ , that is, $\lambda = \frac{2\pi}{k}$. We introduce the FWHM of $\sin(kx)$ as a function of k . We then simply express it as a function of λ , because it is a length, and because we want to relate it to the FWHM of non-sine waves cited later in the text. We thus have $\text{FWHM} = \frac{2\pi}{3k}$ and $\frac{2\pi}{3k} = \frac{\lambda}{3}$. Therefore, we would like to see the clause ‘that is $\frac{2\pi}{3k}, \frac{\lambda}{3}$ ’ replaced by ‘that is $\frac{2\pi}{3k} = \frac{\lambda}{3}$ ’.

Thank you,
Nicolas Mokus