ERRATUM

Erratum to: Silicon Vibrating Wires at Low Temperatures

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We have realized that a few misprints present in our article can hinder the reader in his understanding, or prevent a correct use of some formulas. We wish to make these points clear in this erratum, although it does not change the conclusions of the article.

- In Sect. 2.2 on the thermal gradients, the spatial coordinate running along the structure should be z (and not x) according to the schematic in Fig. 1.
- In Sect. 3.2.1 on the *normal modes*, the beam equation's spatial coordinate should also read z (and not x) for the same reason.
- In the theoretical part, the definition of both the spring constant and mass is per foot of the structure. Therefore in Sect. 3.2.2, as can be deduced from (15), the $k_n^{(j)}$ present in (16) and (17) and their related simplified *Lorentz* expressions should read $2k_n^{(j)}$. The expression for X_{max} should also refer to $2k_n^{(j)}$, and $\Delta\omega$, $\delta\omega$ should contain $2m_n^{(j)}$ (instead of $m_n^{(j)}$).
- For the same reason, in (24) and (25) according to equation (23), one should replace k_{v0} (one foot's spring constant) with $2k_{v0} + \Delta k_v$.
- In the expressions of the b_i 's (the non-linear coefficients), the numerical prefactor 8 weighting Λ_{21} (non-linear reactive term) should be replaced by 2.

In the experimental part, the spring constants and masses are quoted for the whole structure. The authors apologize for these minor, but confusing misprints.

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