

# Erratum: Cooling a mechanical resonator with nitrogen-vacancy centres using a room temperature excited state spin-strain interaction

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This Article contains a typographical error in the sentence preceding Eq. 4. This sentence should read, ‘Under the secular approximation and working in the limit  $\gamma, \lambda \ll 1/T_1, 1/T_2^*$ , the dynamical equation for the phonon occupancy  $n = \langle a^\dagger a \rangle$  can be simplified to’; that is, with a much-less-than symbol rather than a much-greater-than symbol.

There is a further error in Fig 4. The label on the upper state of the right-most transition in Fig. 4b should be “ $|+1, n-1\rangle$ ” not “ $|+1, n+1\rangle$ ”.



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