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Correction: New insights into the 1D carbon chain through the RPA

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Correction for 'New insights into the 1D carbon chain through the RPA' by Benjamin Ramberger *et al.*, *Phys. Chem. Chem. Phys.*, 2021, **23**, 5254–5260, <https://doi.org/10.1039/D0CP06607A>.

The current manuscript contains a typographical error in eqn (1), the correct eqn (1) should read:

$$E(b) = E_0 + \frac{1}{2}\mu_C\omega_I^2\left(\frac{b}{2} - \frac{b_0}{2}\right)^2 \quad (1)$$

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

