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CORRECTION

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Correction: Theoretical calculation of a full-dimensional *ab initio* potential energy surface and prediction of infrared spectra for Xe–CS_2

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Correction for 'Theoretical calculation of a full-dimensional *ab initio* potential energy surface and prediction of infrared spectra for Xe–CS_2' by Miao Qin *et al.*, *RSC Adv.*, 2019, **9**, 20925–20930.

The authors regret that eqn (4) was displayed incorrectly in the PDF version of the original article. The correct version of eqn (4) is presented below:

$$\hat{H} = -\frac{1}{2\mu}\frac{\partial^2}{\partial R^2} + \frac{\hat{j}^2}{2I_{\nu_1+\nu_3}} + \frac{\left(\hat{J}-\hat{j}\right)^2}{2\mu R^2} + V_{\nu_1+\nu_3}(R,\theta)$$

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

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