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When we submitted our article, we were not aware that Zhang et al.1 had just reported a high-level \textit{ab initio} calculation of the hyperfine structure of the \( v^+ = 0 \rightarrow 4, \ N^+ = 1, 2 \) levels of the \( \chi^2 \Sigma_x^+ \) ground state of \( \text{D}_2^+ \).1 To determine the hyperfine-structure coupling constants of the \( v^+ = 0, \ N^+ = 1 \) ground state of para \( \text{D}_2^+ \), we had used the values known for \( \text{H}_2^+ \) and scaled them as indicated above Equation (C7) of Ref. 2. This procedure leads to hyperfine levels that agree within better than 1 MHz of, but which are presumably less accurate than, the values reported by Zhang et al.,1 in particular because the scaling procedure does not include the effects of the differences in the distribution of internuclear distances resulting from the different nuclear masses.


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