Letters to the Editor

A Comment on the Vibrational Assignment of the CN($^4\Pi$) in "Pressure-Dependent Intensity Anomalies in the $B^2\Sigma^+ \sim {}^4\Pi$ Perturbed Rotational Lines of the CN($B^2\Sigma^+ - X^2\Sigma^+$) 14-14 Band"

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In our recent paper entitled above,[1] the vibrational quantum number of the $^4\Pi$ state perturbing the $B^2\Sigma^+$ (v=14) was designated as 7; the assignment was based on our previous study.[2] Upon reexamination of the relevant perturbations,[3] we have now established the assignment of the vibrational quantum number of the $^4\Pi$ state, by which the vibrational quantum number is decreased by one. Therefore, the vibrational level of $^4\Pi$ involved in the perturbation, designated as v=7, should read v=6. This change in the vibrational assignment does not alter any results and conclusions presented in Ref. 1.

References

1) K. Kanda, H. Ito, K. Suzuki, T. Kondow, and K. Kuchitsu, *Bull. Chem. Soc. Jpn.*, **65**, 481 (1992).
2) H. Ito, Y. Ozaki, K. Suzuki, T. Kondow, and K. Kuchitsu, Chem. Phys. Lett., **139**, 581 (1987).
3) H. Ito, Y. Ozaki, K. Suzuki, T. Kondow, and K. Kuchitsu, J. Chem. Phys., **96**, 4195 (1992).