

- ²²G. D. T. Tejwani and E. S. Yeung, *J. Chem. Phys.* **63**, 1513 (1975).
- ²³G. D. T. Tejwani and E. S. Yeung, U. S. Energy Research and Development Administration Report IS-3621, Ames Laboratory, Iowa State University, Ames, Iowa, 1975. (Available from National Technical Information Service, Springfield, VA 22161.)
- ²⁴R. J. Butcher, D. V. Willetts, and W. J. Jones, *Proc. R. Soc. London Ser. A* **324**, 231 (1971).
- ²⁵R. A. Svehla, NASA Tech. Rep. R-132 (1962).
- ²⁶A. D. Buckingham, R. L. Disch, and D. A. Dunmur, *J. Am. Chem. Soc.* **90**, 3104 (1968).
- ²⁷S. Rothenberg, R. H. Young, and H. F. Schaefer, *J. Am. Chem. Soc.* **92**, 3243 (1970).
- ²⁸S. Rothenberg and H. F. Schaefer, *J. Chem. Phys.* **53**, 3014 (1970).

ERRATA

Erratum: On the theory of the relaxation matrix and its application to microwave transient phenomena [J. Chem. Phys. 63, 271 (1975)]; Theory of the relaxation matrix and its relation to microwave transient phenomena. II. Semiclassical calculations for systems of OCS and nonpolar collision partners [J. Chem. Phys. 63, 290 (1975)]

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These articles are designated as Parts I and II, respectively.

In Eq. (6.11) of Part I, $q_j' - \omega_{f_i} t$ and $q_j - \omega_{f_i} t$ should read $(q_j' - 2\pi\nu_j' t)\delta'$ and $(q_j - 2\pi\nu_j t)\delta$, respectively. Here, ν_j and ν_j' are the pre- and post- collisional frequencies. In the expression five lines before (6.12), the 2π should be replaced by 4π .

None of these corrections affects the discussion.

In the last paragraph of p. 254 of Part II, the $\Delta j = 0, \pm 1, \pm 3, \pm 5, \dots$ should be replaced by $\Delta j = 0, \pm 1, \pm 2, \pm 3, \dots$. In Tables I and IVA, the $\sigma(T_2)$ calculated for the OCS-He 0-1 transition should read 40 ± 4 (\AA^2) instead of 33 ± 3 (\AA^2). We thank Mr. R. Gomez for calling this correction to our attention.)