

Errata

Existence of the Bottleneck in Vibrational Relaxation of Diatomic Molecules

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[*J. of Thermophysics and Heat Transfer*, 11(2), pp. 261–265 (1997)]

IN the paper we failed to properly reference the work of J. C. Keck and co-workers who developed the general diffusion theory of vibrational relaxation, dissociation, and recombination of diatomic molecules in the 1960s and early 1970s.^{1–4} In fact, most of the later results by other groups, referenced in the paper, are based on this work. We bring our most sincere apologies to Professor Keck for this incredible oversight. We very much regret this error, which was certainly not intentional.

References

- ¹Keck, J., and Carrier, G., “Diffusion Theory of Nonequilibrium Dissociation and Recombination,” *Journal of Chemical Physics*, Vol. 43, No. 7, 1965, pp. 2284–2298.
- ²Brau, C., Keck, J. C., and Carrier, G. F., “Transient Phenomena in Dissociative Reactions,” *Physics of Fluids*, Vol. 9, No. 10, 1966, pp. 1885–1895.
- ³Keck, J., “Generalized Diffusion Theory of Nonequilibrium Reaction Rates,” *Journal of Chemical Physics*, Vol. 46, No. 11, 1967, pp. 4211–4213.
- ⁴Keck, J. C., “Monte Carlo Trajectory Calculations of Atomic and Molecular Excitation in Thermal Systems,” *Advances in Atomic and Molecular Physics*, Vol. 8, 1972, pp. 39–69.