Erratum: Flash Photolysis of H_2O_2 Vapor in the Presence of D_2, Ar, and $H_2{}^{18}O$

N. R. Greiner

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presented in my paper will serve as a useful supplement to the paper of Dobryakov.

[1] R. H. Silsbee, J. Chem. Phys. **45**, 1710 (1966).
[2] S. N. Dobryakov, Zh. Strukt. Khim. **6**, 39 (1965) [English transl.: J. Struct. Chem. (USSR) **6**, 30 (1965)].

Errata

Erratum: Force Constants and Normal Vibrations of the Propargyl Halides

[J. Chem. Phys. **41**, 456 (1964)]

G. Zerbi and M. Gussoni
Istituto di Chimica Industriale del Politecnico—Piazza L. da Vinci, 32 Milano, Italy

THE value of the force constant F_{HX} for propargyl fluoride in Table III, p. 459, should read 1.052 mdyn/Å instead of 1.52 as erroneously reported. This is only a typographical error and does not affect the calculations and the content of the paper.

Erratum: Flash Photolysis of H_2O_2 Vapor in the Presence of D_2, Ar, and $H_2{}^{18}O$

[J. Chem. Phys. **45**, 99 (1966)]

N. R. Greiner
University of California and *Los Alamos Scientific Laboratory Los Alamos, New Mexico*

CONTINUED work on the H_2O_2–Ar system at room temperature has shown that $k_e = k_{10} = 5.2 \times 10^{11}$ cc mole^{-1}·sec^{-1} $= 8.5 \times 10^{-13}$ cc molecule^{-1}·sec^{-1}, rather than 5.8×10^{-14} cc molecule^{-1}·sec^{-1} as reported in this paper. It is believed that something introduced into the cell during repairs caused the rapid dark decomposition of H_2O_2 resulting in a low observed OH disappearance rate. All the other experiments reported were done before the repairs when the dark decomposition was known to be insignificant.

Erratum: Nuclear Quadrupole Resonance of Antimony Tribromide and Its Molecular Complexes

[J. Chem. Phys. **45**, 1076 (1966)]

Hisao Negita, Tsutomu Okuda, and Mikito Kashima
Department of Chemistry, Hiroshima University, Hiroshima, Japan

THE chemical formulas of the complexes and the lowest resonance frequency of antimony tribromide (2) in Table I should be corrected as follows:

$2SbBr_3 \cdot C_6H_6$, $2SbBr_3 \cdot C_{14}H_{10}$, and 135. 112 Mc/sec

instead of

$SbBr_3 \cdot C_6H_6$, $SbBr_3 \cdot C_{14}H_{10}$, and 133. 112 Mc/sec.

Three resonance frequencies of antimony tribromide (2) are not completely consistent with those of the form I by Ogawa,[1] indicating that the former crystal structure is slightly different from the latter. Therefore, there should be at least four forms in the crystal of antimony tribromide at a given temperature between room and liquid-nitrogen temperatures.

[1] S. Ogawa, J. Phys. Soc. Japan **13**, 618 (1958).