

The Dissociation of Oxygen to 5000°K. The Free Energy of Atomic Oxygen. By Herrick L. Johnston and Margery K. Walker.

Pages 189 ff. "In Table II, the 'free energy' value for monatomic oxygen at 5000°K. should read 47.637. All other values in this table should be decreased by 0.001 of a unit. In Table III values for K and for α at 298.1°K. should read 1.7×10^{-31} and 2.0×10^{-39} , respectively, while, at 600°, these should read 1.2×10^{-37} and 1.7×10^{-17} , respectively. The last four values in the third column of Table I should read 450.0, 645.5, 45,164, and 96,183, respectively."—H. L. JOHNSTON.

Thermal Equilibrium between Oxygen Molecules and Atoms. By Guenther von Elbe and Bernard Lewis.

Page 508. The last term in equation 8 should read

$$-\frac{1}{2.3R} \left[\int_0^T \frac{C_{\text{vib.}}}{T} dT - \frac{\int_0^T C_{\text{vib.}}}{T} dT \right]$$

Page 509. The second line, therefore, should read $\int_0^T \frac{C_{\text{vib.}}}{T} dT - \frac{\int_0^T C_{\text{vib.}}}{T} dT$ can be evaluated by Einstein functions $-(F - F_0)/T$. The numerical values remain unaffected.—GUENTHER VON ELBE AND BERNARD LEWIS.

The Photochemical Reaction between Quinine and Dichromic Acid. II. Kinetics of the Reaction. By George S. Forbes, Lawrence J. Heidt and F. Parkhurst Brackett, Jr.

Page 595. Lines 12 and 13 should read "Over the temperature range 5 to 24° $[(297)^3/(278)^3]^{10/19} = 1.1105$."—GEO. SHANNON FORBES.

Capric Acid from the Seed Fat of the California Bay Tree. By C. R. Noller, I. J. Millner and J. J. Gordon.

Page 1228. At the end of line 11 "caprate" should read "caprylate."—IRVIN J. MILLNER.

The Polymerization of some Unsaturated Hydrocarbons. The Catalytic Action of Aluminum Chloride. By W. H. Hunter and R. V. Yohe.

Page 1248. In this paper "Reference 2 should read *J. Soc. Chem. Ind.*, 49, 349-354 (1930), and in the introduction there should be a reference to Gangloff and Henderson, *THIS JOURNAL*, 38, 1382 (1916); 39, 1420 (1917).—R. V. YOHE.

The Catalytic Oxidation of Organic Compounds in the Vapor Phase (Book Review). By L. F. Marek and Dorothy A. Hahn.

Page 1302. The authors write: "A review states that ' there are no author and patent indexes.' The book does have an author index. Through an unfortunate accident the author index was omitted by the publishers from the first copies to be printed. It is possible to obtain this index from the publishers and to insert it in the book with little difficulty, and it would be well for all recipients of these early copies to do this. No patent index was compiled since no effort was made to give a complete review of the patent field and patents were relied upon principally to indicate the industrial trend in certain of the processes which were described."—L. F. MAREK.