

The Activities of Strong Electrolytes. III. The Use of the Flowing Junction to Study the Liquid-junction Potential between Dilute Hydrochloric Acid and Saturated Potassium Chloride Solutions; and the Revision of some Single-electrode Potentials, by George Scatchard.

P. 704, line 30, p. 705, line 1 and p. 708, line 28, instead of "3.5," read "0.35."

P. 705. Fig. 4, instead of the ordinates "1, 2, 3, 4 mv.," read "0.1, 0.2, 0.3, 0.4 mv."

The Concentration of Ammonia in a Compressed Mixture of Hydrogen and Nitrogen over Liquid Ammonia, by Alfred T. Larson and Charles A. Black.

P. 1018. In line 5 of Section 3, instead of "The compressibility of liquid ammonia has been determined by Cragoe and Harper,"⁶ read "The specific volume of liquid ammonia has been determined by Cragoe and Harper,⁶ and its compressibility is known."^{6a}

Insert at the bottom of the page Ref. 6 a, thus:

^{6a} "Tables of Thermodynamic Properties of Ammonia," *Bur. Standards Circ.*, **142**, 30 (1923).

The Quantitative Determination of Vitamin A, by H. C. Sherman and H. E. Munsell. P. 1641. In Ref. 8, instead of "THIS JOURNAL," read "*J. Biol. Chem.*"

Displacement of Metals from Solutions of Their Salts by Less Electropositive Elements. II. The Reaction between Amides of the Alkali and Alkaline Earth Metals and Elements More Electropositive than Tin, by F. W. Bergstrom.

P. 1837. Line 18, instead of "Table II," read "Table IV."

P. 1838. Line 9, instead of "other ammonio salts," read "potassium salts of the metallic imides and amides—."

P. 1839. Line 16, instead of "Equation 3," read "Equation 1."

The Catalytic Decomposition of Hydrogen Peroxide in an Acid Chlorine-Chloride Solution, by Robert S. Livingston and William C. Bray.

P. 2080. A note correcting some of the equations and calculations will appear in a later number of THIS JOURNAL.

Alkyl-allyl-barbituric Acids, by Ernest H. Volwiler.

P. 2239. In Table III, heading of Col. 2, instead of "inner ear," read "outer ear passage."

Studies on the Directive Influence of Substituents in the Benzene Ring. III. The Active Agent in Aqueous Bromination, by A. W. Francis.

P. 2347. In the third line from the bottom, omit "with."

The Absorption Spectra of Benzaurin, by W. R. Orndorff, R. C. Gibbs and Alice McNulty.

Pp. 2774 and 2775. The printed legends and captions referring to Fig. 4, including the figure number, belong with the cut printed as Fig. 5, and those printed with Fig. 5 belong with the cut printed as Fig. 4.

NEW BOOKS

The Structural Units of the Material Universe. Seventh Earl Grey Memorial Lecture, delivered at King's Hall, Armstrong College, Newcastle-on-Tyne, March 5, 1925. By F. W. ASTRON, Sc.D. Oxford University Press, American Branch, New York, 1925. 23 pp. 5 figs. 15 × 23 cm. Price \$0.35.

This is a simple and straightforward account, by one of the protagonists, of the development of our knowledge of the structure of atoms, culminating in the mass-spectrograph and the artificial disintegration of atoms.

ARTHUR B. LAMB