

The Spectrophotometric Determination of Hydrogen-ion Concentrations and of the Apparent Dissociation Constants of Indicators. II. Thymol Blue, by Walter C. Holmes and Edward F. Snyder.

P. 225 and following. See THIS JOURNAL, 47, 2233 (1925), Footnote 7.

Equilibrium Pressures of Individual Gases in Mixtures and the Mass-action Law for Gases, by Louis J. Gillespie.

P. 308. The author writes as follows.

In the paragraph beginning at the bottom of p. 308, there is a brief discussion, involving Equation 9, based on an argument by analogy. The sentence immediately preceding this paragraph and the sentence immediately following it are concerned with this argument. This analogy is imperfect and the above portions of the text should be disregarded, since they do not really lead to that part of Conclusion 3 in the summary which deals with heat content. In the interest of accuracy, Conclusion 3 should therefore read, "It is then shown that if either of the two propositions, exactness of the rule and additivity of volumes, holds at a particular temperature, the other also will hold at the same temperature."

Synthesis of the Anhydride of Hydroxymercuri-ethoxy-chaulmoogric Acid and Ethyl Acetoxymercuri-ethoxy-chaulmoograte, by A. L. Dean, R. Wrenshall and G. Fujimoto.

P. 406. In line 2 of the first analysis, the second weight of HgS, 0.2256, should read, "0.2562."

The sentence preceding the paragraph headed "Ethyl," etc., should read, "The compound $C_{20}H_{36}O_8Hg$ requires the presence of none of these groups."

Certain Substituted Biurets, by Elizabeth Stuart Gatewood.

P. 408. In Ref. 4, after "Biltz" add "and Jeltsch."

P. 411. In line 4, after "sodium hydroxide" add "8 g. of dimethyl sulfate was added."

In the second line of the last paragraph but one, after "hours" add "at 80°."

The Solubility of Proteins, by S. P. L. Sørensen.

P. 466. In Fig. 4, the abscissas should read, 0, 1.0, 2.0, 3.0.

Fig. 5, p. 468 should be replaced by the following figure.

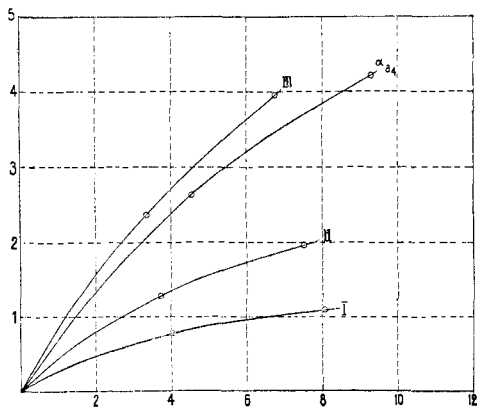


Fig. 5.

The Dissociation into Free Radicals of Substituted Dixanthyls. I. Dibenzyl- and Dibutyldixanthyl, by James B. Conant and Arthur W. Sloan.

P. 573. In the last line, read "Thus the substance," omitting "I."