ADDITIONS AND CORRECTIONS

1947, VOL. 69

John E. Kilpatrick, Kenneth S. Pitzer and Ralph Spitzer. The Thermodynamics and Molecular Structure of Cyclopentane.

Pages 2486–7. In the statistical calculations of this paper we failed to introduce a symmetry number factor of 2 for the identity of the two sides of the ring of the cyclopentane molecule. The peculiarly indefinite type of puckering of that molecule confuses the situation but we have now analyzed the problem in detail and find the additional factor to be required. Since the puckering parameter q_0 was determined to fit the entropy, the net effect of this change is to double q_0 and to leave all other numerical values unchanged. The new value of q_0 is 0.472 Å.—K. S. PITZER.

1952, VOL. 74

J. B. Wright and E. H. Lincoln. Mannich Bases Derived from α-Phenoxyacetophenones.

Page 6302. Col. 1, line 19 ff.: **Preparation of α-Phenoxyacrylophenone.**—The glassy solid on trituration with hot anhydrous ethanol solidified. Recrystallization from anhydrous ethanol gave colorless prisms melting at 99.5–101.5°.—JOHN B. WRIGHT.

1953, VOL. 75

A. F. McKay and W. G. Hatton. N-β-Nitraminoethyl-N′-methyl-N″-nitroguanidine.

Page 965. In col. 2, line 3 and lines 4–5, "1-nitro-2-nitramino-2-imidazolinium chloride" should read "1-nitro-2-methylamino-2-imidazolinium chloride."—A. F. MCKAY.

Frank R. Mayo. Chain Transfer in the Polymerization of Styrene. VIII.

Page 6136. In eq. (2) for "10" read "10^5."

Nelson J. Leonard, James W. Curry and John J. Sagura. Rearrangement of α-Aminoketones during Clemmensen Reduction. XI. The Reduction of Atom-bridged Bicyclic α-Aminoketones.

Page 6250. In col. 2, line 44, the melting point of diethyl pyridinium-1,4-diacetate bromide should read "154.5–156° (dec.)."—NELSON J. LEONARD.

1954, VOL. 76

Frank R. Mayo. Free Radical Addition and Transfer Reactions of Hydrogen Chloride with Unsaturated Compounds.

Page 5392. In col. 1, line 5 after eq. (2), for "these" read "three."

1955, VOL. 77

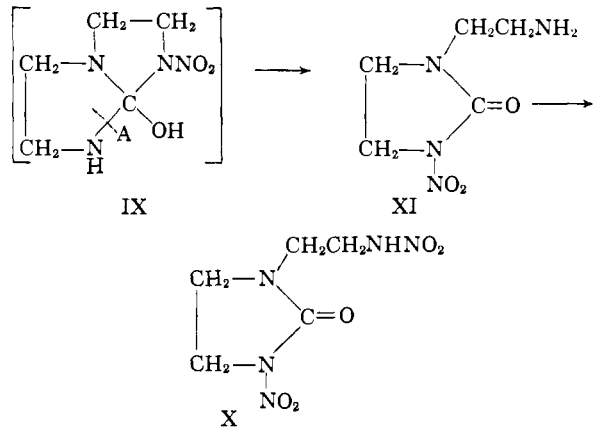
R. H. Sherman and W. F. Giauque. Arsine Vapor Pressure, Heat Capacity, Heats of Transition, Fusion and Vaporization. The Entropy from Calorimetric and from Molecular Data.

Page 2158. In col. 1, line 20, for "9.43935" read "9.45935." The error is typographical and no other changes are required.—W. F. GIAUQUE.

1956, VOL. 78

A. F. McKay and J. R. Gilpin. A New Molecular Rearrangement Involving Carbonium Ions.

Page 487. The relationships of formulas IX, X and XI should be:



Col. 1, text line 5 from the end should read "at A gives XI." Footnote (13a) should read "1-(β-Aminoethyl)-3-nitro-2-imidazolidone nitrate was synthesized and its picrate was found to be identical with the picrate of Compound B." Footnote (13b), line 6, should read "observed that XI nitrate on reflux-."—A. F. MCKAY.

Frank R. Mayo and A. A. Miller. Oxidation of Unsaturated Compounds. II.

Page 1033. In Fig. 2, the concentrations of benzaldehyde should be stated as tenths of a mole per liter.—FRANK R. MAYO.

Richard G. Ham, Robert E. Eakin, Charles G. Skinner and William Shive. Inhibition of Regeneration in Hydra by Certain New 6-(Substituted)-aminopurines.

Page 2648. Certain of the m.p. reported in Table I were determined on a faulty block and should read: Phenylpropyl- 189–190°; Phenylbutyl- 161–164°; Phenylpentyl- 174–176°; Phenylheptyl- 129–134°.—C. G. SKINNER.

William G. Dauben and Gerhard J. Fonken. Reactions of B-Norcholesterol.

Page 4739. In col. 2, text line 9 from the end, for "Δ^4-olefinic" read "Δ^5-olefinic."

Charles G. Skinner, William Shive, Richard G. Ham, David C. Fitzgerald, Jr., and Robert E. Eakin. Effects of Some 6-(Substituted)-purines on Regeneration of Hydra.

Page 5098. Several of the m.p. reported in Table I and II for some (6-(substituted)-purines were determined on a faulty block, and the corrected m.p. are recorded: Ethylthio- 195–196°; Propylthio- 176–177°; Butylthio- 144–145°; Pentylthio- 110–111°; Benzylthio- 190–192°; Pentylamino- 175–177°; Dipropylamino- 156–159°; Dibutylamino- 123–124°; Methoxypropylamino- 177–179°; Dimethylaminopropylamino- 165–169°; Diethylaminopropylamino- 155–157°; α-Naphthylethylamino- 231–234°.—C. G. SKINNER.

O. Wintersteiner and M. Moore. Jervine. X. Quaternary Dihydrometoxazine Salts as Intermediates in the Jervisine Rearrangement.

Page 6194. In Formula XIII the methyl group shown on the oxygen atom of the tetrahydrometoxazine ring should be placed on the adjacent CH as in Formula X.

1957, VOL. 79

J. S. Waugh and R. W. Fessenden. Nuclear Resonance Spectra of Hydrocarbons: the Free Electron Model.

Page 847. In col. 1, in the formula for B_0, read "$1/2\pi\rho^{1/2}$" instead of "$^1/_{2\pi}\rho^{1/2}$." The subsequent calculations of chemical shifts arising from circulation of electrons in a single ring result in values which are too low by a factor of $10/4\pi$,