

## ADDITIONS AND CORRECTIONS

1950, Vol. 72

**John D. Roberts.** The Dipole Moment and Molecular Configuration of 1,6-Dichloro-1,5-cyclooctadiene.

Page 3301. Prof. Kurt Mislow has pointed out to me that the value of  $\epsilon/k$  used for methane differs by a factor of  $10^2$  from that reported in Ref. 11. This error (inadvertent) makes the calculated value of the barrier a factor of  $10^2$  too small. The correct calculated value (270 kcal.), of course, would not permit interconversion of the forms unless the compression energy were very greatly reduced by bond bending in the transition state. The importance of the error is somewhat diminished by the fact that inspection of models shows that the skew and chair forms can be interconverted by a torsional motion of methylene groups analogous to those which would interconvert the chair and boat forms of cyclohexane. However, the transition state for this process may well be somewhat energetically less favorable than for the interconversion of 1,5-cyclooctadiene chair and boat forms. The other conclusions of the paper remain unchanged.—JOHN D. ROBERTS.

1953, Vol. 75

**M. L. Wolfrom, T. M. Shen and C. G. Summers.** Sulfated Nitrogenous Polysaccharides and Their Anticoagulant Activity.

Page 1519, second column, line 7 in 2nd paragraph: change 0.004 to 0.04.—M. L. WOLFROM.

1954, Vol. 76

**E. Campaigne and R. C. Bourgeois.** 3-Substituted Thiophenes. VI. Substitution Reactions of 3-Thenoic Acid.

Page 2445. In column 1, line 21, for "m.p. 117-118°" read "m.p. 141-142° (corr.)."

Page 2446. In column 1, line 31, for "melting at 117-118°," read "melting at 141-142° (corr.)."—E. CAMPAIGNE.

**Roger W. Jeanloz.** Syntheses of 4-*O*-Methyl- $\beta$ -D-galactopyranose and 2,4-Di-*O*-methyl- $\alpha$ -D-galactopyranose.

Page 5685. In col. 2, line 12 from end, for "4-*O*-methyl-*N*-phenyl-D-glucosylamine (VII)," read "4-*O*-methyl-*N*-phenyl-D-galactosylamine (VII)."

Page 5686. In col. 2, line 12 from end, for "2,4-di-*O*-methyl-*N*-phenyl-D-glycosylamine (VIII)," read "2,4-di-*O*-methyl-*N*-phenyl-D-galactosylamine (VIII)."—ROGER W. JEANLOZ.

1956, Vol. 78

**Herbert S. Aaron and Jacob I. Miller.** The Resolution of *O*-Ethyl Ethylphosphonothioic Acid.

Page 3538. In col. 1, line 30, for " $C_{16}H_{34}O_3NP$ ," read " $C_{16}H_{34}NO_2PS$ ." The calculated values are correct as printed.—HERBERT S. AARON.

**Hiroshi Fujita.** Effects of Hydrostatic Pressure upon Sedimentation in the Ultracentrifuge.

Page 3599. In the fifth line after equation (6) replace the word "small" by "large."

Page 3600. Equation (18) should read

$$dp/dr = \rho\omega^2r \quad (18)$$

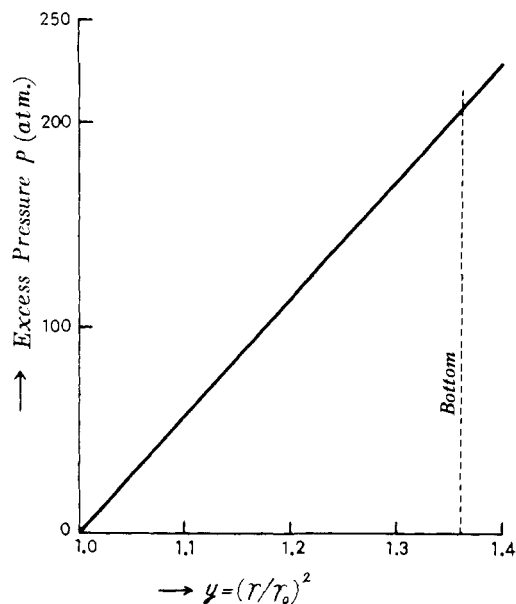
Page 3600. Equation (19) and the subsequent line should read

$$p = (1/\beta)\{\exp[\nu(y-1)] - 1\} \quad (19)$$

where

$$\nu = (1/2)\beta\rho\omega^2r_0^2.$$

Page 3601. Figure 1 should be replaced by



Page 3601. The ordinate and abscissa of Fig. 3 should read  $(r_0/C_0)(\partial C/\partial r)$  and  $y$ , respectively.

Page 3602. Equation (65) should read

$$\tau = \alpha[1 - (1/y_*)] + \ln y_* \quad (65)$$

Page 3603. Equation (79) should read

$$\frac{dy_*}{d\tau} = \frac{y_*}{1 + \alpha(1/y_*)} [1 - m(y_* - 1)] \quad (79)$$

HIROSHI FUJITA.

1957, Vol. 79

**Felix Haurowitz, Raymond Sowinski and Hsieh Fu Cheng.** The Dissociation of Antigen-Antibody Precipitates.

Page 1887. In Fig. 2, the ordinate marking should be  $K \times 10^{-6}$ .—FELIX HAUROWITZ.

**M. L. Wolfrom and K. Onodera.** Dithioacetals of D-Glucuronic Acid and 2-Amino-2-deoxy-D-galactose.

Page 4739. In footnote 23 change C to A.—M. L. WOLFROM.

1958, Vol. 80

**Herbert S. Aaron, Thomas M. Shryne and Jacob I. Miller.** The Stereochemistry of Asymmetric Phosphorus Compounds. I. The Resolution of *O*-Ethyl Ethylphosphonothioic Acid.

Page 110. In col. 2, lines 6 and 17, for " $C_{16}H_{34}NO_2P$ " read " $C_{16}H_{34}NO_2PS$ ." The calculated values are correct as printed.—HERBERT S. AARON.

**V. Boekelheide and Wayne Feely.** Amine Oxides. Cyclic Quaternary Salts and their Decomposition.

Page 2220. In col. 2, in the third boldface heading line, for "(XV)" read "(XVI)."—V. BOEKELHEIDE.

**Raymond M. Fuoss.** Conductance of Ionophores.

Page 3163. The first sentence of the second paragraph should read "Define  $\Lambda_\eta = \Lambda(1 + Fc)$  where  $Fc = 5\phi/2$ ". In equation (2), the left side should be " $\sigma_2$ ". Just above equation (4), the exponent of  $\gamma_0$  should be " $(+1/2)$ ". Seven