

tional entropy. Using the correct value for this quantity [Aston and Messerly, *THIS JOURNAL*, **58**, 2354 (1936)] Table VII should then be:

FREE ENERGY OF FORMATION OF THE PENTANES AT  
298.16°K.

	$\Delta F_{298}$ , calories	% in equilibrium mixture	% if no neopentane
Neopentane	-3289 $\pm$ 320	48.7	...
Isopentane	-3243 $\pm$ 300	48.3	93.7
<i>n</i> -Pentane	-1647 $\pm$ 270	3.0	6.3

These changes do not affect the rest of the paper, since no other numerical values or conclusions were derived from the erroneous values.—S. C. SCHUMANN, J. G. ASTON AND M. L. SAGENKAHN.

**Joseph R. Stevens, Ralph H. Beutel and Earl Chamberlin.** 3,4-Substituted Pyridines. I. Synthesis of 3-Vinyl-4-methylpyridine.

Page 1093. The absorption spectrum in Fig. 1 is for Compound VI instead of V, and in Fig. 2 for Compound VII instead of VI.—R. T. MAJOR.

**H. A. Laitinen.** The Potential of the Ytterbic-Ytterbous Ion Electrode.

Page 1135. Col. 2, line 13, for “-1.69 volts” read “-1.169 volts.”—H. A. LAITINEN.

**Arthur C. Cope and Evelyn M. Hancock.** Synthesis of 2-Alkylaminoethanols from Ethanolamine.

Pages 1504 (Table I) and 1505 (line 7 of the Experimental Part), for “2,2,6-” read “3,3,5-trimethylcyclohexyl” and “3,3,5-trimethylcyclohexanone.”—ARTHUR C. COPE.

**James W. McBain and A. M. Soldate.** The Solubility of Propylene Vapor in Water as Affected by Typical Detergents.

Page 1556. Heading of Table I, for “ $10^{-8}$ ” read “ $10^{-7}$ .” O'Connor (ref. 1) obtained 3.8, 3.8, 3.7 and  $3.5 \times 10^{-7}$  g. of propylene per gram of water per millimeter pressure.—J. W. MCBAIN.

**Bradford P. Geyer with George McP. Smith.** Preparation and Properties of Some Peri-hydroxyquinone Inner Complexes.

Page 1649. In col. 2, line 2, for “chloroform” read “chlorobenzene.”—B. P. GEYER and G. MCP. SMITH.

**A. Polgár and L. Zechmeister.** Isomerization of  $\beta$ -Carotene. Isolation of a Stereoisomer with Increased Adsorption Affinity.

Page 1858. Line 23, omit the word “no.”—L. ZECHMEISTER.

**W. D. Kumler and George M. Fohlen.** The Dipole Moment and Structure of Urea and Thiourea.

Page 1945. In Table II for “*unsym*-Diphenylurea” read “*unsym*-Diphenylurea.”

Page 1946. Both formulas at the end of col. 1 should have a single bond between carbon and oxygen.

Page 1947. In the middle of col. 2, the last structure of thiourea should have the charge removed over the nitrogen that is singly bonded to carbon.—W. D. KUMLER.

**R. P. Linstead and W. E. Doering.** The Stereochemistry of Catalytic Hydrogenation. II. The Preparation of the Six Inactive Perhydrodiphenic Acids.

Page 1993. In Col. 2, first line of the diagram, for “Diphenyl” read “Dimethyl.”—R. P. LINSTEAD.

Page 1994. In formula II, there should be a third black dot in the blank “hole” in the formula.

**R. P. Linstead and W. E. Doering.** The Stereochemistry of Catalytic Hydrogenation. III. Optically Active Perhydrodiphenic Acids. A Proof of the Configuration of the Backbone.

Page 2004. Col. 1, in the second formula there should be another black dot in the space in the right-hand ring.

**R. P. Linstead and Selby B. Davis.** The Stereochemistry of Catalytic Hydrogenation. IV. Hexahydrodiphenic Acids.

Page 2007. In formula II a black dot is missing in the right-hand ring of formula II.

**R. P. Linstead, Richard R. Whetstone and Philip Levine.** The Stereochemistry of Catalytic Hydrogenation. VI. The Hydrogenation of 9-Phenanthrol and Related Substances and the Identification of Three of the Possible Stereoisomeric Forms of the Perhydrophenanthrene Ring.

Page 2017. Col. 1 in, the second line above the table, insert the word “table” between “The” and “below.” Also, in Col. 2, in the table under “Alcohols,” the first compound should be “*sym*-octahydro-9-phenanthrol.”—R. P. LINSTEAD.

**M. L. Wolfrom and P. W. Morgan.** O-Pentaacetyl-*d*-gluconates of Polyhydric Alcohols and Cellulose.

Page 2026. Column 1, lines 9 and 16, for “*dextro*-sorbitol” read “*levo*-sorbitol,” as the ordinary form is meant.

Page 2027. In Table I the fifth entry should read *levo* instead of *dextro*, and the same change should be made in line 11 of col. 1.

Page 2028. In the first line of paragraph 2 of the Summary read *levo* for *dextro*.—M. L. WOLFROM.

**Alfred Saffer and T. W. Davis.** Products from the Wurtz Reaction and the Mechanism of their Formation.

Page 2039. The apparatus diagram which should have been included in the experimental section was inadvertently omitted, and is printed herewith.