

## ERRATA

Volume 61, No. 1, February, 1961

*Page 24:* In reference 7 substitute "Nikolski" for "Nidolski".  
 In reference 15 substitute "Ganina" for "Galina".  
 In reference 28 the page number should be 6549.  
 In reference 30 substitute "Villiger" for "Willinger".  
 In reference 31 substitute "10549" for "10559".  
*Page 25:* In reference 51 the patent number should be 2,579,414.  
 In reference 85 the journal reference should be J. Chem. Soc. 1959, 795.  
 In reference 86 delete "and Natta, G."; insert "and" before "Bassi".  
 In reference 87 substitute "551" for "501".  
 In reference 100 substitute "Dermer" for "Derner".  
 In reference 104 substitute "Sogani" for "Dogani".  
*Page 26:* In reference 107 the journal reference should read "115, 731".  
 In reference 158 the page reference should read "90-116".

In reference 172 substitute "Luchinski" for "Iuchinski".  
*Page 27:* In reference 189 substitute "McTaggart, K." for "Taggart, K. M.".   
 In reference 193 substitute "Levy" for "Levi".  
 In reference 197 substitute "Low" for "Lowe".  
 In reference 199 the reference to Chemical Abstracts should read "51, 8046".  
 In reference 205 substitute "Majumdar" for "Majundar".  
 In reference 217 substitute "Bock, B. von" for "Brook, B. von".  
 In reference 224 the volume number for Chemical Abstracts should be 51.  
 In reference 229 substitute "Kagaku" for "Kakagu".

## AUTHOR INDEX

ABLOW, C. M. *See* Evans, Marjorie W., 129  
 AIA, MICHAEL, A. *See* Mooney, Richard W., 433  
 BENT, HENRY A. An appraisal of valence-bond structures and hybridization in compounds of the first-row elements, 275  
 BRACKETT, ELIZABETH. *See* Brewer, Leo, 425  
 BREWER, LEO, AND BRACKETT, ELIZABETH. The dissociation energies of gaseous alkali halides, 425  
 AND ROSENBLATT, GERD M. Dissociation energies of gaseous metal dioxides, 257  
 BROWN, FRANCES C. 4-Thiazolidinones, 463  
 DELAMATER, GEORGE. *See* Hurd, Richard N., 45  
 DOAK, G. O., AND FREEDMAN, LEON D. The structure and properties of the dialkyl phosphonates, 31  
 EPPLER, R. A. Absorption and luminescence in impurity-activated alkali halides, 523  
 EVANS, MARJORIE W., AND ABLOW, C. M. Theories of detonation, 129  
 FESSENDEN, JOAN SEARING. *See* Fessenden, Ralph, 361  
 FESSENDEN, RALPH, AND FESSENDEN, JOAN SEARING. The chemistry of silicon-nitrogen compounds, 361  
 FRANK, ARLEN W. The phosphonous acids and their derivatives, 389  
 FREEDMAN, LEON D. *See* Doak, G. O., 31  
 HARRIS, GORDON M. *See* Krishnamurty, Kotra V., 213  
 HURD, RICHARD N., AND DELAMATER, GEORGE. The preparation and chemical properties of thionamides, 45

INGOLD, K. U. Inhibition of the autoxidation of organic substances in the liquid phase, 563  
 KNOX, BRUCE E., AND PALMER, HOWARD B. Bond dissociation energies in small hydrocarbon molecules, 247  
 KRISHNAMURTY, KOTRA V., AND HARRIS, GORDON M. The chemistry of the metal oxalato complexes, 213  
 LICHTENTHALER, FRIEDER W. The chemistry and properties of enol phosphates, 607  
 MARTIN, JAMES G., AND HILL, RICHARD K. Stereochemistry of the Diels-Alder reaction, 537  
 MOONEY, RICHARD W., AND AIA, MICHAEL A. Alkaline earth phosphates, 433  
 NEILSON, DOUGLAS G. *See* Roger, Robert, 179  
 PALMER, HOWARD B. *See* Knox, Bruce E., 247  
 POST, HOWARD W. *See* Shiihara, Isao, 1  
 POTTS, K. T. The chemistry of 1,2,4-triazoles, 87  
 RAY, PRIYADARANJAN. Complex compounds of biguanides and guanylureas with metallic elements, 313  
 ROBERTS, JOHN C. Naturally occurring xanthenes, 591  
 ROGER, ROBERT, AND NEILSON, DOUGLAS G. The chemistry of imidates, 179  
 ROSENBLATT, GERD M. *See* Brewer, Leo, 257  
 SCHWARTZ, WILLIS T., JR. *See* Shiihara, Isao, 1  
 SHIIHARA, ISAO, SCHWARTZ, WILLIS T., JR., AND POST, HOWARD W. The organic chemistry of titanium, 1  
 WESTHEIMER, F. H. The magnitude of the primary kinetic isotope effect for compounds of hydrogen and deuterium, 265

## SUBJECT INDEX

Absorption in impurity-activated alkali halides, 523  
 Alkali halides, absorption and luminescence in impurity-activated, 523  
     gaseous, dissociation energies of, 425  
 Autoxidation of organic substances in the liquid phase, inhibition of, 563  
 Biguanides, complexes with metallic elements, 313  
 Bond dissociation energies in small hydrocarbon molecules, 247  
 Complex compounds of biguanides and guanylureas with metallic elements, 313  
 Complexes, metal oxalato, chemistry of, 213  
 Compounds, of the first-row elements, appraisal of valence-bond structures and hybridization in, 275  
     of hydrogen and deuterium, magnitude of the primary kinetic isotope effect for, 265

    silicon-nitrogen, chemistry of, 361  
 Detonation, theories of, 129  
 Deuterium and hydrogen, the magnitude of the primary kinetic isotope effect for compounds of, 265  
 Dialkyl phosphonates, structure and properties of, 31  
 Diels-Alder reaction, stereochemistry of, 537  
 Dissociation energies, of gaseous alkali halides, 425  
     of gaseous metal dioxides, 257  
     of small hydrocarbon molecules, 247  
 Enol phosphates, chemistry and properties of, 607  
 Guanylureas, complexes with metallic elements, 313  
 Halides, alkali, absorption and luminescence in impurity-activated, 523  
     gaseous alkali, dissociation energies of, 425  
 Hybridization in compounds of the first-row elements, 275

Hydrocarbon molecules, bond dissociation energies in, 247  
Hydrogen and deuterium, the magnitude of the primary kinetic isotope effect for compounds of, 265  
Imidates, chemistry of, 179  
Inhibition of autoxidation of organic substances in the liquid phase, 563  
Isotope effect, primary kinetic, for compounds of hydrogen and deuterium, 265  
Luminescence in impurity-activated alkali halides, 523  
Metal dioxides, gaseous, dissociation energies of, 257  
Metal oxalato complexes, chemistry of, 213  
Metals, complexes formed with biguanides and guanylureas, 313  
Oxides, gaseous metallic, dissociation energies of, 257  
Phosphates, alkaline earth, 433  
Phosphonates, dialkyl, structure and properties of, 31  
Phosphonous acids and their derivatives, 389  
Primary kinetic isotope effect for compounds of hydrogen and deuterium, 265  
Silicon-nitrogen compounds, chemistry of, 361  
Stereochemistry of the Diels-Alder reaction, 537  
4-Thiazolidinones, 463  
Thionamides, preparation and properties of, 45  
Titanium, organic chemistry of, 1  
1,2,4-Triazoles, chemistry of, 87  
Valence-bond structures in compounds of the first-row elements, 275  
Xanthenes, naturally occurring, 591