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Titolo	The Formation of bonds to halogens . Part 1 [[electronic resource] /] / founding editor, J.J. Zuckerman; editor, A.P. Hagen
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Collana	Inorganic reactions and methods ; ; 3
Altri autori (Persone)	HagenA. P ZuckermanJ. J <1936-1987.> (Jerold J.)
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Soggetti	Halogenation Chemical bonds Chemical kinetics - Effect of temperature on
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Nota di contenuto	Inorganic Reactions and Methods; Contents; How to Use this Book; Preface to the Series; Editorial Consultants to the Series; Contributors to Volume 3; Formation of Bonds to Halogens (Part 1); Introduction; Formation of Halogen-Halogen Bonds; Introduction; Preparation of the Elemental Halogens; by Anodic Oxidation; of Fluoride Ion.; of Chloride Ion.; of Bromide Ion.; of Iodide Ion.; by Chemical Oxidation; of Fluoride.; of Chloride.; of Bromide.; of Iodide.; by Reduction.; by Dissociation of Halides.; Diastatine Synthesis.; Preparation of Cationic Polyhalogens (Homonuclear and Heteronuclear) by Halide-Anion Transfer in Acid-Base Reactions.by Oxidation of Elemental Halogens or Interhalogens.; Preparation of Neutral Interhalogens; from the Elements.; by Fluorination of Cl <sub>2</sub> , Br <sub>2</sub> , and I <sub>2</sub> .; by Chlorination of Br <sub>2</sub> and I <sub>2</sub> .; by Bromination of I <sub>2</sub> .; from the Oxidation of Anionic Halides.; from the Oxidation of Organoiodides; by F <sub>2</sub> or Cl <sub>2</sub> .; by Oxidizing Fluorinating Agents (Excluding F <sub>2</sub> .); Preparation of Neutral and Cationic Interhalogen Compounds

Containing Astatine; Preparation of Aryliodo Fluorides from Aryliodo Oxides; from Aryliodoso and Aryliodo Compounds and HF. from Aryliodo Compounds and SF<sub>4</sub>. by Electrochemical Fluorination of Aryliodo Compounds.; from Aryliodo Compounds and XeF<sub>2</sub>.; from Aryliodo Compounds and F<sub>2</sub>.; Preparation of Anionic Polyhalides (Homonuclear and Heteronuclear); from Elemental Halogens with Halide Anion.; from Interhalogen Compounds with Halide Anion.; Preparation of Anionic Polyhalides Containing Astatine.; Preparation of Halogen Oxyfluorides; from Halogen Oxides with F<sub>2</sub>.; from Halogen Oxides with Fluorinating Agents Other than F<sub>2</sub>.; from Halogen Oxyfluorides with Fluorinating Agents.

by Disproportionation of Halogen Oxyfluorides. from Positive Halogen Compounds with Fluorinating Agents.; from Halogen Oxyacids and Their Salts with Fluorinating Agents.; by Elimination.; Formation of Bonds between Halogens and Group-VB (O, S, Se, Te, Po) Elements; Introduction; from the Elements; from Halogenation by Elemental Halogens; to Give the Oxygen-Halogen Bond.; to Give the Sulfur-Halogen Bond.; to Give the Se-Halogen Bond.; to Give the Te-Halogen Bond.; to Give the Po-Halogen Bond.; from Halogenation by Hydrogen Halides.; from Halogenation by Oxidizing Halides to give the Oxygen-Halogen Bond. to Give the Sulfur-Halogen Bond.; to Give the Se-Halogen Bond.; to Give the Te-Halogen Bond.; from Halogenation by Organic Halides.; from Oxidation of Elemental halogens by Ozone.; from Cleavage of the Group VIB-Hydrogen Bond (Excluding Polonium); by Halogens.; by Oxidizing Halides.; from Cleavage of the Group VIB-Carbon bond; by Halogens.; by Oxidizing Halides or Electrochemical Fluorination.; from Cleavage of the Group VIB-Group IVB Element Bond; by Halogens.; by Oxidizing Halides.; from Cleavage of the Group VIB-Oxygen Bond; by Halogens. to Give the Sulfur-Halogen Bond.

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### Sommario/riassunto

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