1. Record Nr. UNINA9910830156203321

Titolo	The formation of bonds to hydrogen . Part 1 [[electronic resource] /] / editor, J.J. Zuckerman; subject index editor, A.P. Hagen
Pubbl/distr/stampa	[Deerfield Beach, FL], : VCH Publishers, c1986
ISBN	1-282-30833-5 9786612308338 0-470-14515-3 0-470-14536-6
Descrizione fisica	1 online resource (359 p.)
Collana	Inorganic reactions and methods ; ; 1/1
Altri autori (Persone)	ZuckermanJ. J <1936-1987.> (Jerold J.)
Disciplina	541.3/9 547.28
Soggetti	Chemical kinetics - Effect of temperature on Inorganic compounds - Synthesis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Inorganic Reactions and MethodsH; Contents; How to Use this Book; Preface to the Series; Editorial Consultants to the Series; Contributors to Volume 1; The Formation of Bonds to Hydrogen (Part 1); Introduction; The Formation of Hydrogen; Introduction; by Reactions of Hydride Ions; with Hydrogen Halides.; with OH Groups and Acids in OH Systems.; with SH and SeH Groups and Acids in SH and SeH Systems.; with NH Groups and Acids in NH Systems.; with PH and ASH Groups and Acids in PH and ASH Systems.; by Reactions of Complex Hydrides; with Hydrogen Halides.; with OH Groups and Acids in OH Systems. with SH and SeH Groups and Acids in SH and SeH Systems.with NH Groups and Acids in NH Systems.; with PH and ASH Groups and Acids in PH and ASH Systems.; by Reactions of Metals; with Hydrogen Halides.; with OH Groups and Acids in OH Systems.; with SH and SeH Groups and Acids in SH and SeH Systems.; with NH Groups and Acids in NH Systems.; with PH and ASH Groups and Acids in PH and ASH Systems.; by Reactions of Nonmetals and Semimetals; with Hydrogen Halides.; with OH Groups and Acids in OH Systems.; with SH and SeH Groups and Acids in SH and SeH Systems.

with NH Groups and Acids in NH Systems.with PH and ASH Groups and Acids in PH and ASH Systems.; by Electrolytic Reduction; of Hydrogen Halides.; of OH Systems.; of SH and SeH Systems.; of NH Systems.; of PH and ASH Systems.; by Reactions of Water; with Carbon.; with Saturated Hydrocarbons.; with Unsaturated Hydrocarbons.; with CO.; Involving Water Splitting; in Electrochemical Reactions.; in Chemical Reactions Involving Main-Group Elements.; in Chemical Reactions Involving Transition and Inner-Transition Metals.; with Other OH-Containing Compounds.; by Partial Oxidation of Hydrocarbons.
Isotopes: Deuterium-Chemical Preparation of D2 and D2Oby Interconversion of Deuterated Compounds; in Reactions between D2O and Active Metals.; in Electrolyses of Salts Dissolved in D2O.; in HD Synthesis.; by Isotopic Enrichment; Principles and Reactions; Catalysis of Hydrogen-Water Isotope Exchange; Catalysis of Hydrogen-Ammonia (Amine) Exchange; Other Processes; The Formation of Hydrogen-Halogen Bonds; Introduction; by Reactions of Hydrogen; with Fluorine.; with Chlorine.; with Bromine.; with Iodine.; by Reactions of Protonic Acids; with Fluoride Ions.; with Chloride Ions.
with Bromide Ions.with Iodide Ions.; with Complex Halides.; by Hydrolysis; of Fluorides.; of Chlorides.; of Bromides.; of Iodides.; of Complex Fluorides.; by Industrial Processes.; in Syntheses of Deuterium Halides.; in Syntheses of Hydrogen Astatide.; The Formation of Bonds between Hydrogen and Elements of Group VIB (0, S, Se, Te, Po); Introduction; Scope; Classification; Safety and Toxicity; by Reactions of Elemental Hydrogen; with Elemental Oxygen; in the Gas Phase.; in the Gas Phase under Irradiation or Electrical Discharge Giving Hydrogen Peroxide.
under Metal Catalysis Giving Hydrogen Peroxide.

Sommario/riassunto

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