



Advances in catalysis and related subjects.

Eley, D. D.
Pines, Herman (1902-1996.)
Weisz, Paul B.

Academic Press,
1964

Electronic books

Monografía

ADVANCES IN CATALYSIS VOLUME 15

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjU5NzY3MTU>

Título: Advances in catalysis and related subjects. Volume 15 electronic resource] edited by D.D. Eley, Herman Pines, Paul B. Weisz

Editorial: New York Academic Press 1964

Descripción física: 1 online resource (367 p.)

Mención de serie: Advances in catalysis and related subjects v. 15

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and indexes

Contenido: Front Cover; Advances in Catalysis and Related Subjects, Volume 15; Copyright Page; Contents; Contributors; Preface; Chapter 1. The Atomization of Diatomic Molecules by Metals; I. Introduction; II. Experimental Methods; III. Experimental Results; IV. Discussion; V. Conclusions; References; Chapter 2. The Clean Single-Crystal-Surface Approach to Surface Reactions; I. Introduction; II. The Clean Surface; III. The Low-Energy Electron Diffraction (LEED) and Work-Function Method; IV. Vacuum Conditions; V. Results; References; Chapter 3. Adsorption Measurements during Surface Catalysis I. IntroductionII. General Scope of Adsorption Measurements during Surface Catalysis; III. Experimental Methods; IV. Decomposition of Germane on Germanium; V. Decomposition of Formic Acid on Metal Catalysts; VI. Decomposition of Ammonia on Metal Catalysts; VII. Ammonia Synthesis on Iron Catalysts; VIII. Concluding Remarks; References; Chapter 4.The Mechanism of the Hydrogenation of Unsaturated Hydrocarbons on Transition Metal Catalysts; I. Introduction; II. The Hydrogenation of Olefins; III. The Hydrogenation of Alkynes and Dienes IV. The Hydrocarbon-Metal Bond in Catalytic and Organometallic ChemistryReferences; Chapter 5. Electronic Spectroscopy of Adsorbed Gas Molecules; I. Introduction; II. General Considerations; III. Spectra of Physically Adsorbed Molecules; IV. Strong Spectral Perturbations; V. Positive Ion Spectra of Adsorbed Molecules; VI. Spectra of Anion Radicals on Surfaces;

VII. Radicals from Adsorbed Molecules; References; Chapter 6. The Catalysis of Isotopic Exchange in Molecular Oxygen; I. Kinetics of Isotopic Exchange in Molecular Oxygen II. Some Experimental Data Relating Isotopic Exchange in Molecular Oxygen on Solid Catalysts III. Conclusion; References; Author Index; Subject Index

Lengua: English

ISBN: 1-282-28639-0 9786612286391 0-08-056519-0

Materia: Catalysis Chemistry, Physical and theoretical

Autores: Eley, D. D. Pines, Herman (1902-1996.) Weisz, Paul B.

Enlace a serie principal: Advances in catalysis (CKB)954926975030 (DLC)2011233057 (OCoLC)61764781

Enlace a formato físico adicional: 0-12-007815-5

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es