



A Molecular Complex Model for the Chemisorption of Hydrogen on a Nickel Surface (Classic Reprint)

By C F Melius

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from A Molecular Complex Model for the Chemisorption of Hydrogen on a Nickel Surface We present here some preliminary results of the application of atomic pseudopotentials to the construction of a simple model of the chemisorption of hydrogen molecules on a transition metal surface. The experimental facts which must be understood are the following: (1) Nickel chemisorbs hydrogen molecules dissociatively down to liquid nitrogen temperature [1]. The reaction is considered to take place with little or no activation energy. (2) Copper which is similar to nickel except that it contains a filled 3rd band does not dissociatively chemisorb hydrogen molecules, although copper strongly absorbs hydrogen atoms [2]. The ability of nickel to dissociatively chemisorb hydrogen is generally ascribed to the unfilled d band of the nickel. The aim of this investigation is to understand the role of the electronic structure of a transition metal, particularly the d electrons, in determining its catalytic activity. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of...

[DOWNLOAD](#)



 [READ ONLINE](#)
[4.72 MB]

Reviews

This created ebook is great. it was written very properly and useful. Its been printed in an exceedingly easy way in fact it is just right after i finished reading this pdf where basically modified me, alter the way i think.

-- Aglae Becker

This ebook is definitely worth buying. It is definitely basic but excitement within the fifty percent in the ebook. Its been designed in an extremely straightforward way which is merely following i finished reading this ebook where basically changed me, alter the way in my opinion.

-- Ward Morar

Relevant Books



Talking Digital: A Parent's Guide for Teaching Kids to Share Smart and Stay Safe Online

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their online interactions, the good and the bad,...



31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Reading to children is a wonderful activity and past time that both parents and teachers enjoy. Seeing their rapt, excited...



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching reading that provides students with a stimulating,...



History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...



To Thine Own Self

Dog Ear Publishing, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Carefree and self assured Carolyn loves her life. Her uncle runs the day-to-day details of her company leaving...



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...
