



# Modern Heterogeneous Catalysis

By Santen, Rutger A. van

Condition: New. Publisher/Verlag: Wiley-VCH | An Introduction | Written by one of the world's leading experts on the topic, this advanced textbook is the perfect introduction for newcomers to this exciting field. Concise and clear, the text focuses on such key aspects as kinetics, reaction mechanism and surface reactivity, concentrating on the essentials. The author also covers various catalytic systems, catalysis by design, and activation-deactivation. A website with supplementary material offers additional figures, original material and references. | PART I: PHYSICAL CHEMISTRY AND KINETICSHeterogeneous CatalysisHeterogeneous catalytic processesPhysical chemistry, elementary kineticsThe state of the working catalystAdvanced kinetics, breakdown of mean field approximationPART II:MOLECULAR HETEROGENEOUS CATALYSISBasic quantum chemical concepts, the chemical bond revisited (jointly written with I. Tranca)Chemical bonding and reactivity of transition metal surfacesMechanisms of transition metal catalyzed reactionsSolid acid catalysis, theory and reaction mechanismsZeolitic non-redox and redox catalysis, Lewis acid catalysisReducible solid state catalysts | Format: Paperback | Language/Sprache: english | 1263 gr | 246x172x27 mm | 564 pp.



# Reviews

This ebook is wonderful. It generally fails to price too much. Your lifestyle period will be transform as soon as you comprehensive reading this ebook. -- Otho Bergstrom

Most of these pdf is the ideal pdf available. It is definitely basic but shocks within the 50 percent of your book. I am just easily could get a delight of reading through a written book.

-- Jany Crist

# See Also



#### Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! \*...



## Is It Ok Not to Believe in God?: For Children 5-11

Createspace, United States, 2014. Paperback. Book Condition: New. Large Print. 229 x 152 mm. Language: English . Brand New Book
\*\*\*\*\* Print on Demand \*\*\*\*\*\*. A short story about an 8 year old girl called Tia, who is bullied at school because she...



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



## Study and Master English Grade 6 Core Reader: First Additional Language

Cambridge University Press (South Africa). Paperback. Book Condition: new. BRAND NEW, Study and Master English Grade 6 Core Reader: First Additional Language, Karen Morrison, Fiona Macgregor, Daphne Paizee, Study & Master English First Additional Language has been especially developed by an experienced...



Happy Baby Happy You 500 Ways to Nurture the Bond with Your Baby by Karyn Siegel Maier 2009 Paperback Book Condition: Brand New. Book Condition: Brand New.



Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Klara is a little different from the other cows, because she has a very special...