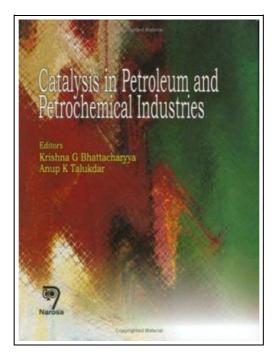
Catalysis in Petroleum and Petrochemical Industries



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Reviews

Very useful to any or all group of men and women. I am quite late in start reading this one, but better then never. You are going to like just how the blogger publish this book.

(Kristian Nader)

CATALYSIS IN PETROLEUM AND PETROCHEMICAL INDUSTRIES



Narosa Publishing House, 2005. Hardcover. Condition: New. Catalysis in Petroleum and Petrochemical Industries focuses on the use of catalysis in the Oil Refineries and in the Petrochemical Industries with particular reference to understanding the basic processes, development of appropriate catalysts, their characterization techniques, and laboratory scale studies on important chemical reactions having relevance to the Petroleum Industry. The 36 articles by prominent catalysis scientists as well as young researchers give attention to: Catalysis for refining and fuel reformulation Advances in natural gas conversion Catalysis in petrochemical production Catalysis for abatement of pollution in fuel combustion Deactivation, recovery and reactivation of catalysts in refining and petrochemical production Table of Contents Preface/ Application of magic angle spinning nmr in the study of local environment in molecular sieves/ Application of zeolites in petroleum refining/ Catalysis in Refining Industry/ Mesoporous Solids-Prospects as Catalysts for Chemical Processes/ Improving the quality of petroleum fuels through catalysis/ Selective Oxidation of Hydrocarbons Using Vanadium Phosphates/ Importance of Selectivity in Petrochemical Processes/ Science and Technology of deep desulfurization of Petroleum fractions/ New Strategies for Developing Catalysts for Hydroformylation of Alkenes/ Hydro-isomerization and hydro-cracking of long chain n-alkanes catalyzed by bifunctional medium and large pore zeolites/ Influence of isomorphous substitution and exchanged cations on acidity and basicity of zeolites/ Adsorption and Diffusion in Zeolites/ Catalytic Decomposition of Cumene Hydroperoxide into Acetone and Phenol over Cesium Modified heteropolyacid supported over K-10 Clay/ Enantioselective epoxidation of chromene derivatives, Catalysis by dimeric homochiral Mn (III) Salen complex using oxone as oxidant/ A Comparative Study of WS2 and MoS2 supported on NaY Zeolite for deep hydrotreating application/ O-xylene isomerization over Nickel containing SAPO-5 molecular sieve/ Cu2+-perchlorophthalocyanine immobilized MCM-41 as heterogeneous catalyst for the oxidation of styrene/ Challenges to Meet Reduction of Sulphur in FCC Gasoline in Indian Context/ Catalytic Functionality of MoS2 Supported on...



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