



Combinatorial Catalysis And High Throughput Catalyst Design And Testing

Author : E G Derouane Francisco Lemos Avelino Corma
Fernando Ram a Ribeiro / **Category :** Science / **Total Pages :**
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Summary : Free combinatorial catalysis and high throughput catalyst design and testing pdf download - catalysts are central in modern industrial chemistry and there is an urgent need to develop new catalysts such a rapid pace of development brings with it a new set of challenges at all levels of research from synthesis and characterization to testing and modelling this book reviews the current status of combinatorial catalysis scientific catalyst design techniques methods for preparing inorganic combinatorial libraries experimental design methods data processing system modelling an simulation and catalyst testing the individual contributions reveal the development of high throughput catalyst design and test methods and identify the main challenges in the field including new catalyst preparation techniques rapid performance evaluation and new microreactor configurations readership all those working in catalytic process analysis and development the extensive review of catalysis principles is especially relevant for postgraduate students seeking to pursue studies in catalysis

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