

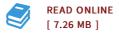
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Advances in the Study of Gas Hydrates (Paperback)

By -

Springer-Verlag New York Inc., United States, 2011. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. This book had its genesis in a symposium on gas hydrates presented at the 2003 Spring National Meeting of the American Institute of Chemical Engineers. The symposium consisted of twenty papers presented in four sessions over two days. Additional guest authors were invited to provide continuity and cover topics not addressed during the symposium. Gas hydrates are a unique class of chemical compounds where molecules of one compound (the guest material) are enclosed, without bonding chemically, within an open solid lattice composed of another compound (the host material). These types of configurations are known as clathrates. The guest molecules, u- ally gases, are of an appropriate size such that they fit within the cage formed by the host material. Commonexamples of gas hydrates are carbon dioxide/water and methane/water clathrates. At standard pressure and temperature, methane hydrate contains by volume 180 times as much methane as hydrate. The United States Geological Survey (USGS) has estimated that there is more organic carbon c- tained as methane hydrate than all other forms of fossil fuels combined. In fact, methane hydrates could provide a...



Reviews

Very beneficial to all of type of individuals. This can be for those who statte that there had not been a really worth reading. You will not really feel monotony at at any time of your respective time (that's what catalogs are for concerning should you ask me). -- Michale Shields

The ebook is fantastic and great. I really could comprehended every thing out of this published e publication. You can expect to like the way the blogger write this publication.

-- Precious Farrell