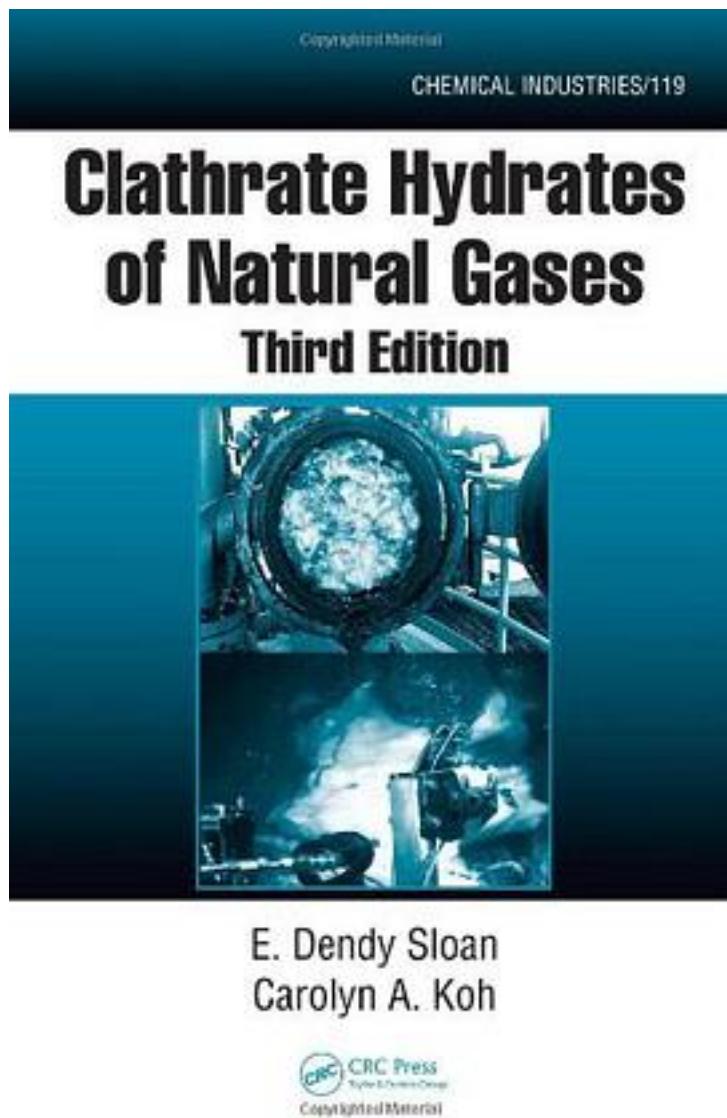


Clathrate Hydrates of Natural Gases



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Hydrate research has expanded substantially over the past decade, resulting in more than 4,000 hydrate-related publications. Collating this vast amount of information into one source, Clathrate Hydrates of Natural Gases, Third Edition presents a thoroughly updated, authoritative, and comprehensive description of all major aspects of natural gas clathrate hydrates. What's New in the Third Edition? This new edition of a bestseller offers updated information on the clathrate hydrate compounds discovered in the past decade, provides a balance between experimental and theoretical perspectives, and incorporates two software programs that can be downloaded from the CRC press website. It also presents case studies on low dosage hydrate inhibitor prevention and hydrate drilling in nature, phase equilibrium data and kinetic models, and descriptions of the paradigm change in flow assurance to risk management. Other new material discusses the paradigm transition from hydrate reservoir assessment to reservoir production and summarizes the in situ conditions for hydrates in the permafrost and oceans. With this modern account of clathrate hydrates, you will acquire a fresh perspective on both new and old theories and data, hopefully leading you to pursue exciting research directions and practical applications.

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