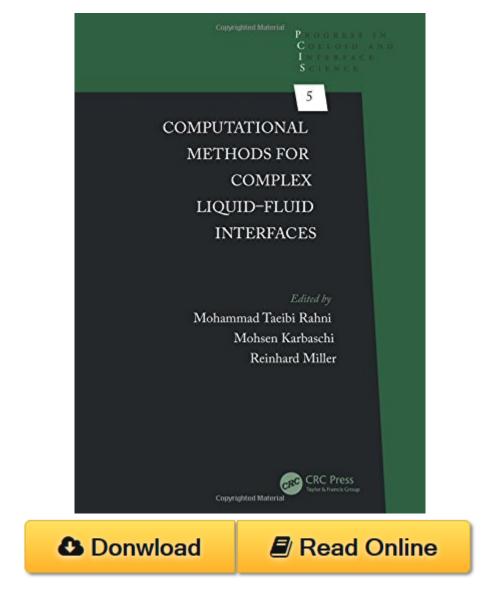
Computational Methods for Complex Liquid-Fluid Interfaces (Progress in Colloid and Interface Science) PDF



Computational Methods for Complex Liquid-Fluid Interfaces (Progress in Colloid and Interface Science) by ISBN 1498722083

Computational Methods for Complex Liquid-Fluid Interfaces highlights key computational challenges involved in the two-way coupling of complex liquid-fluid interfaces. The book covers a variety of cutting-edge experimental and computational techniques ranging from macro- to meso- and microscale approaches (including pivotal applications). As examples, the text:

defines the most important interfacial quantities and their experimental investigations, providing

theoretical background and detailed solutions,

- describes vital techniques used in interfacial flow problems, such as modern meshless numerical methods and conventional computational fluid dynamics methods, and
- discusses the technicalities of correctly using the computational methods developed for interfacial flows, as well as the simulation of interesting interfacial flow physics.

Edited and authored by leading scientists and researchers, **Computational Methods for Complex Liquid-Fluid Interfaces** offers an authoritative and state-of-the-art overview of computational methodologies and simulation techniques for the quantification of interfacial quantities.

Computational Methods for Complex Liquid-Fluid Interfaces (Progress in Colloid and Interface Science) Review

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