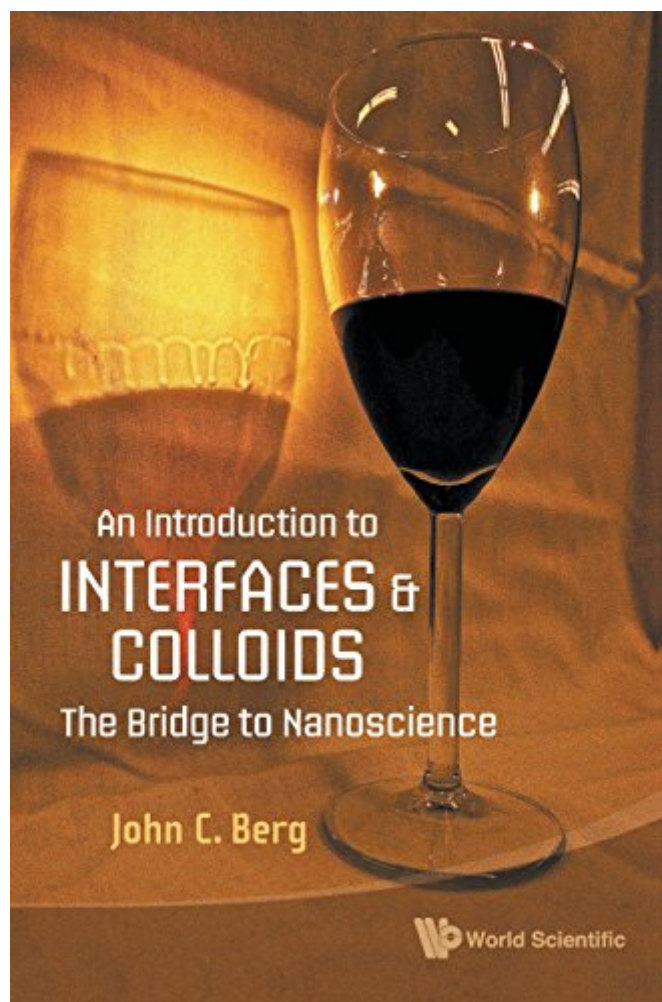


An Introduction to Interfaces and Colloids: The Bridge to Nanoscience PDF



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The textbook seeks to bring readers with no prior knowledge or experience in interfacial phenomena, colloid science or nanoscience to the point where they can comfortably enter the current scientific and technical literature in the area.

Designed as a pedagogical tool, this book recognizes the cross-disciplinary nature of the subject. To facilitate learning, the topics are developed from the beginning with ample cross-referencing. The understanding of concepts is enhanced by clear descriptions of experiments and provisions of figures and illustrations.

- Fluid Interfaces and Capillarity
- Thermodynamics of Interfacial Systems
- Solid-Liquid Interactions
- Colloidal Systems: Phenomenology and Characterization
- Electrical Properties of Interfaces
- Interaction Between Colloid Particles
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