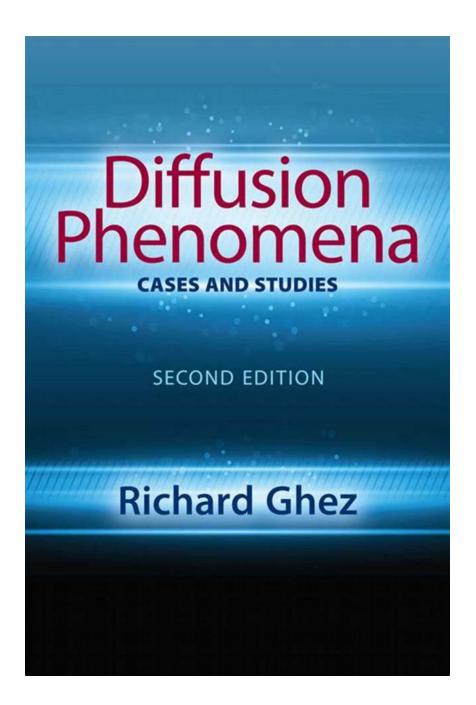
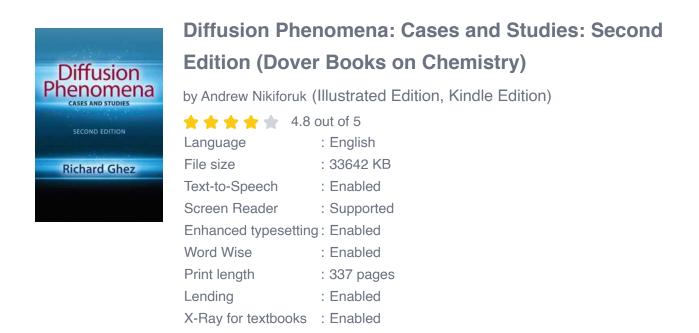
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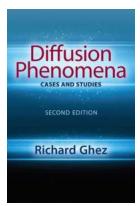
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Diffusion Phenomena: Cases and Studies: Second Edition (Dover Books on Chemistry)

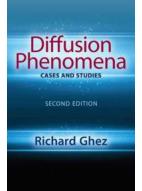
by Andrew Nikiforuk (Illustrated Edition, Kindle Edition)

🚖 🚖 🚖 🚖 4.8 out of 5	
Language	: English
File size	: 33642 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	g : Enabled
Word Wise	: Enabled
Print length	: 337 pages
Lending	: Enabled
X-Ray for textbooks	: Enabled



This authoritative test introduces the basic aspects of diffusion phenomena and their methods of solution through physical examples. It emphasizes modeling and methodology, bridging the gap between physico chemical statements of certain kinetic processes and their reduction to diffusion problems. Author Richard Ghez draws upon his experience in the areas of metallurgy and semiconductor technology to present physically significant examples that will prove of interest to a wide range of scientists — physicists, chemists, biologists, and applied mathematicians. Prerequisites include a rigorous year of calculus and a semester of thermodynamics.

The opening chapter on the diffusion equation is succeeded by chapters on steady-state examples, diffusion under external forces, and simple timedependent examples. An to similarity is followed by explorations of surface rate limitations and segregation, a user's guide to the Laplace transform, and further time-dependent examples.



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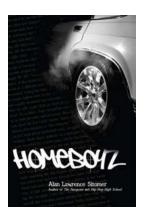
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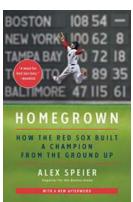
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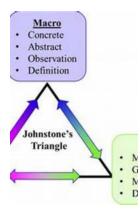
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