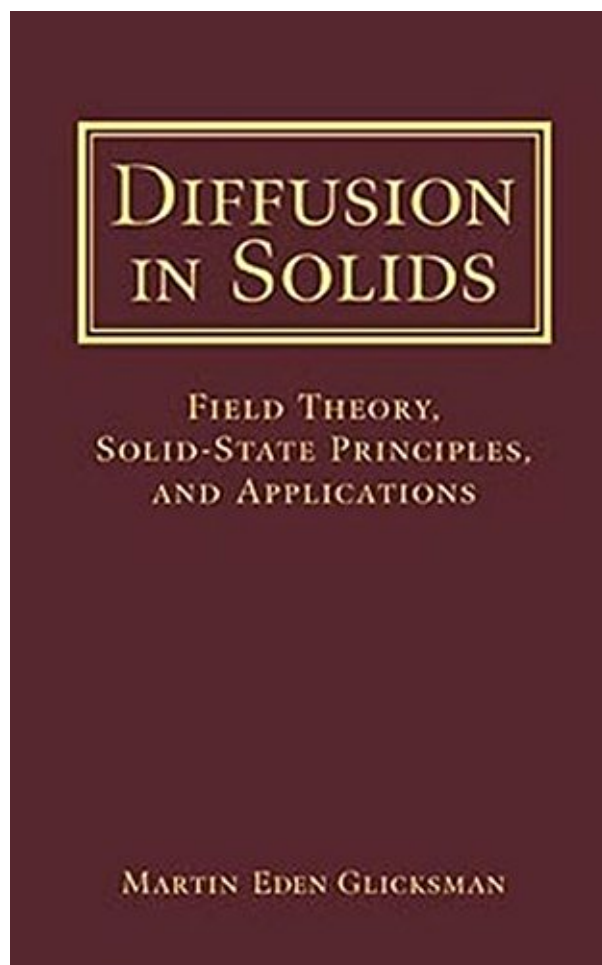


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A fine modern book on a good old topic at last !!!

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I've finally finished reading this book and what a pleasure it was! Prof. Glickman: You are to be commended for having done a very fine job. Thank you for composing such a book as it was much needed.

Diffusion is inherently a very mathematical subject. Yet, without a proper presentation of the important aspects of the underlying physical phenomena it is barren, and is simply reduced to solving partial differential equations. Prof. Glickman's book succeeds at providing the necessary physical picture of diffusion with utmost clarity while maintaining mathematical rigor. Furthermore, it is up to date and exposes the reader to recent developments in the study of diffusion phenomena. The treatment is primarily on the phenomenology of diffusion, yet concepts pertaining to atomic-scale processes are developed at a sufficient depth in my opinion. For instance, the sections devoted to or related to Markov processes, normally considered an advanced topic, is written very well and is highly accessible even for the uninitiated reader. If you fancy to learn more about diffusion kinetics, I recommend the book by Khachaturyan (Theory of Structural Phase Transformations in Solids) as further study.

As someone who learned diffusion from Physical Metallurgy books, Shewmon's and Carslaw's books, I find Glickman's book very refreshing for its modern, rigorous and comprehensive treatment of this classical subject. It is a pleasure to read.

I highly recommend it.

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