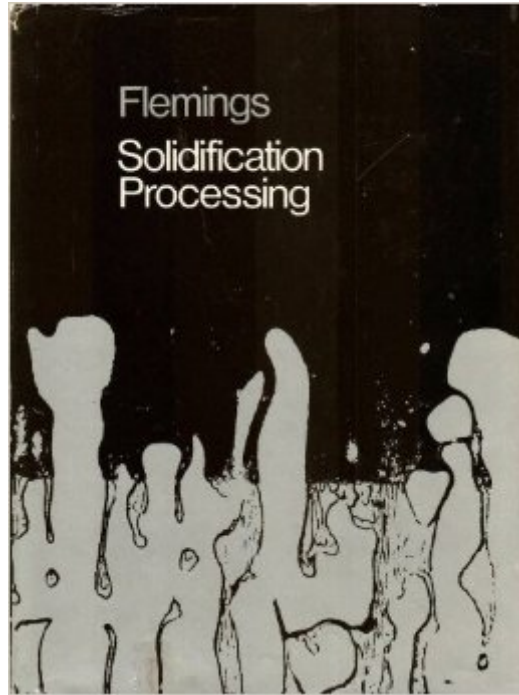


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# Solidification Processing (Materials Science & Engineering)



## Synopsis

Book by Flemings, Merton C.

## Book Information

Series: Materials Science & Engineering

Hardcover: 420 pages

Publisher: Mcgraw-Hill College (June 1974)

Language: English

ISBN-10: 007021283X

ISBN-13: 978-0070212831

Product Dimensions: 1 x 6.8 x 9.8 inches

Shipping Weight: 1.4 pounds

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Written by one of the foremost experts/authorities on solidification processing of single phase and polyphase alloys, Merton Flemming, this book would complement ANY materials/metallurgical engineers reference library. As Abex Professor of Metallurgy at the Massachusetts Institute of Technology this book grew out of his lecture series, courses, and research as well as collaboration with many other renowned pioneers in the field of metallurgy and contains some of the most comprehensive information on solidification processing available. From basic heat flow fundamentals to Nucleation and Interface Kinetics, this book provides reference material that I have not found in any other single solidification processing book. While certainly complicated and complex in its material, understanding the subject matter requires only basic heat transfer, fluid flow, and thermodynamics knowledge. Make no mistake this text is not for everyone, but for practicing materials/metallurgical engineers and graduate students it is an ESSENTIAL reference.

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