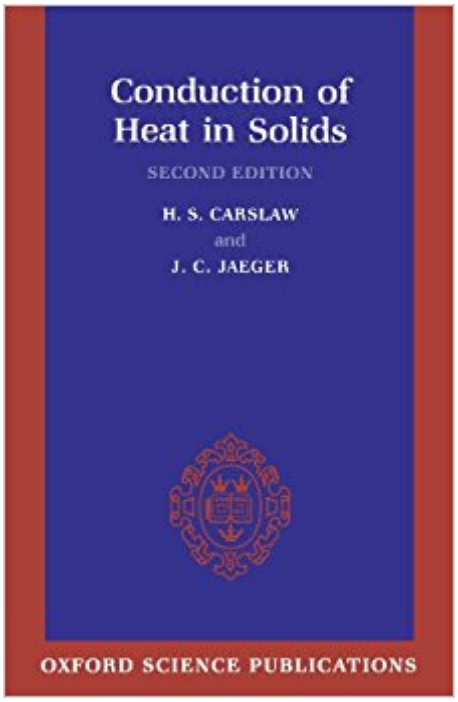
Conduction Of Heat In Solids (Oxford Science Publications)



Synopsis

This classic account describes the known exact solutions of problems of heat flow, with detailed discussion of all the most important boundary value problems.

Book Information

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Customer Reviews

`This book, more than ever, will continue to be the standard reference work in its field.' Nature

H. S. Carslaw is at University of Sydney. J. C. Jaeger is at Australian National University.

My interest was in determining ground resistance for a GHX-design project . From the information in this reference, I was able to reproduce 2 figures from a Kavanaugh & Rafferty reference, about ground resistance. The K&R figures were correct, but the Carslaw & Jaeger reference allowed me to determine my own independent comparison.The Carslaw & Jaeger reference is the most comprehensive reference that I have seen yet. There is interesting informaion about many other heat-transfer topics. I would have rated it higher, but the equation symbols and lack of a consistent glossary, made it difficult for me to follow. If you understand that I have an MSE(ME) degree, and over 20 years of engineering experience, this is not a trivial comment.

The quality is good.

Awesome book for transport problem solutions.

thanks

on time, great quality for the money. Would most certainly purchase from this seller in the future

The book is very old, notation is very complex and printing style is ugly!As a result very difficult to follow! Do not waste your money on this book!

Beginning with a straightforward theoretical overview, this book comprises an exhaustive collection of specific examples of heat flow in a variety of geometries with almost every conceivable set of boundary conditions. As a refresher and reference this book is in a class all its own. It is an example of what a good text can be in a sometimes difficult subject.

This is THE REFERENCE book in Heat Conduction which is a must to any Engineering or Science researcher. It covers a wide range of topics related to Heat Conduction. It is necessary to have even if one has other more modern books covering the topic such as the excellent Ozisik textbook on Heat Conduction.

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