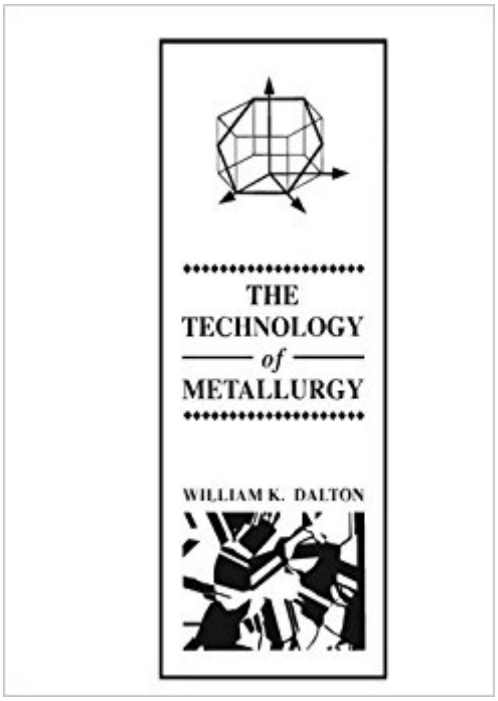
The Technology Of Metallurgy



Synopsis

An introduction to metallurgy and materials science which emphasizes principles, applications and testing. Part 1 examines metallurgical concepts. Part 2 applies these concepts. Part 3 explores how and why metals fail, and what can be done to reduce or eliminate such failures.

Book Information

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Customer Reviews

Here is a straightforward, clearly-written introduction whose three-part organization makes an understanding of metals-and how they "work"--truly accessible. Text coverage encompasses principles, applications, and testing. The Technology of Metallurgy focuses on providing students with an understanding of the fundamentals of metals, and of what happens when they are cold worked, heat treated, and alloyed. Mathematics is limited to algebra and trigonometry; calculus is used only when necessary for understanding. For courses with a laboratory component, appendixes provide background concepts for conducting basic tests; and the accompanying Instructor’s Manual contains outlines for laboratory sessions.

This review is for the paperback version of this textbook.Childrens books are bound better. Some pages are overglued, so that you can not fully open the book to those pages. Other pages are so loosely attached that they fall freely from the book. The spine is stiff and cracks whenever it is opened. Typically, I like to keep my old textbooks for future reference. With this book, I have no choice, as it is now a mix of loose pages jumbled amongst unreadable entries.The content of the

book, however, is rather well put together. Easier to read than many equally technical books. Well organized, clear and concise.Another downside to this textbook is that its resale value is nearly nothing. For $150, they offer you a $14 buy back. Probably because the book is of such poor quality.A bit ironic that a materials textbook would be so poorly constructed.Try to avoid the paperback version.

Book suggested by professor. Item arrived as described.

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