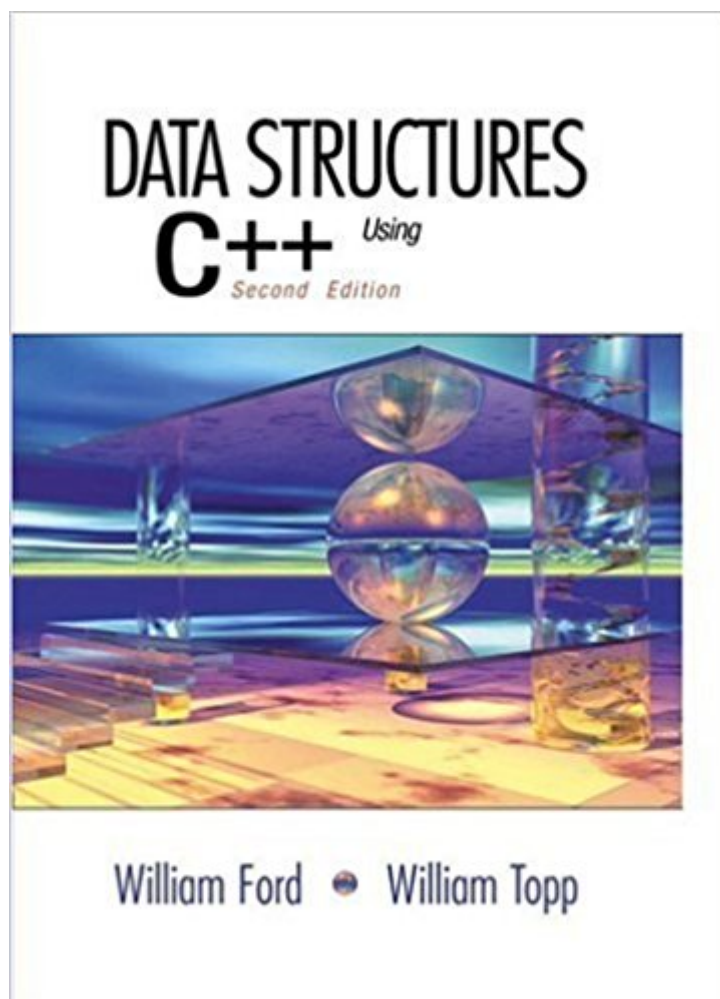


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# Data Structures With C++ Using STL (2nd Edition)



## Synopsis

This book uses a modern object-oriented approach to data structures, unified around the notion of the Standard Template Library (STL) container classes. The book presents a systematic development of data structures supported by numerous examples and complete programs. The authors separate the applications of a data structure from its implementation. Includes an applied study of interesting and classical algorithms that illustrate the data structures using only simple mathematical concepts (Big-O notation is introduced intuitively); Many additional figures are integrated into the presentation; ADT (Abstract Data Type) for each data structure immediately used to solve appropriate problems; Early and accessible introduction to templates and iterators; Use of modern C++ constructs in developing data structures and their applications provides enough language detail to sufficiently understand the constructs.

## Book Information

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## Customer Reviews

Because of physical problems with this book, the authors' programming style, and lack of a proper audience, I just can't recommend it. There are just too many problems and too few positives for the book to be worthwhile. First, the physical problems with the book: in my case, the binding appears to be bad. As I took it out of its plastic wrapping, I noticed a gap between the cover spine and the glued/sewn binding of the actual pages. It looks like the glue that was supposed to hold the two parts of the book together failed. Turning the pages causes a lot of snapping, crackling, and popping and I worry that the binding will break. Second, it seems like the book uses too small a font

(these old eyes don't focus like they used to). Oddly, if I compare the font size to that in other textbooks, it looks comparable. I'm not sure, but I think the publisher used a slightly smaller line spacing and either a lighter ink or darker paper. Whatever it is, it makes reading the book a bit hard. That's pretty subjective and minor, but more aggravating is that the publisher used an even lighter (gray) font for the code segments. This makes the code even harder to read than the text. Again, I'm not certain, but it also looks like the font in the code sections is even smaller than the font in the text. And finally, the authors don't use any color in their code. It's hard to distinguish the actual code from the comments. This makes reading the code difficult. Next, I highly disagree with the authors' coding style. Essentially, I consider it sloppy. In general, they don't write their class methods to ensure data integrity (and that's one of the big advantages of classes (which are at the core of this book)).

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