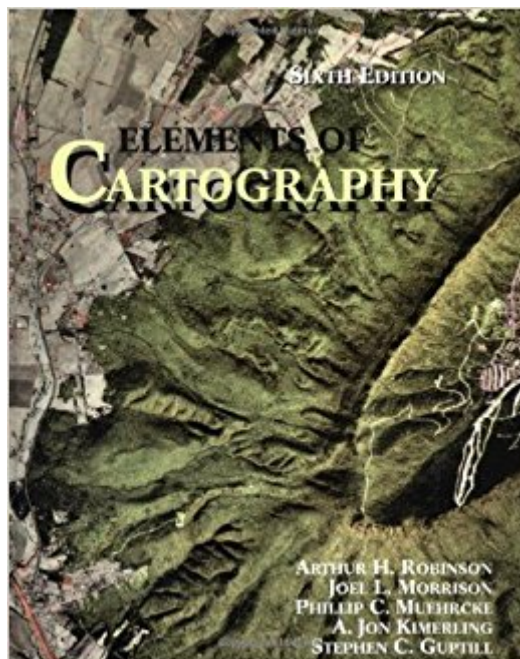


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# Elements Of Cartography



## Synopsis

Recognized as the classic resource in cartography, this text continues to integrate the latest modern technology with traditional cartographic principles. The balanced author team provides a solid conceptual foundation in the basic principles of cartography while introducing the newest technological advances which have greatly altered modern cartographic techniques. New features include a complete updating of topical data and a shift in emphasis from "small-scale to all-scale maps." Systematic coverage is given to both theory and applications with all basic mapmaking tools presented including formulas, tables and constants.

## Book Information

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## Customer Reviews

About the Cover: The cover illustration was made by combining three different U.S. Geological Survey digital data sets: a black and white digital orthophotograph, a digital elevation model, and a digital raster image of a topographic map. The observer viewpoint is at an altitude of 1200' above the surface, in the vicinity of Massanutten Mountain, just east of Harrisonburg, VA. The colored lines and areas from the topographic map are transparent so that when combined, the underlying imagery is visible. These data sets are then draped over a surface generated from the digital elevation data. The cover illustrates the flexibility available to the cartographer in creating graphics using computer technology and digital data sets.

Good book, very useful, it's the bible for cartographers

A little old and outdated, but it did the job. It explained what my professor didn't. Good book for beginners or those that do not understand what cartography is. I kept the book. I found it to be too informative and valuable to sell.

It's a book about map making. I never would have guessed the amount of thought and information necessary to make decisions about what I put in my work. This book lays out every little detail.

ok

Is a very good book for help to teachers in cartography classroom. Good examples. Good illustrations. Good structure. Although is a old book is updated. Its have a part for GIS and not forget the traditional cartography process. Just a problem that I can see, its not have a luxurious edition although the price is high.

This title is billed as the Sixth Edition, and reflects the coming and going of co-authors. It is too bad that the editor had so little influence. Sections of this book that stick to their cartographic knitting are excellent. Historical information is very interesting. Basic explanations, such as the evolution of ellipsoids is very well done. Some of the writing is so bad it could have been extracted from a sophomore term paper, sprinkled with such inept phrases as "such as", "similarly", "however" and "in fact". The most glaring deficiency is in the area of computer technology. Either this material has not been updated since some earlier edition, or the author(s) are very uncomfortable with the subject matter. As examples: "Most common procedures used by cartographers have been translated into software programs written in special computer languages such as FORTRAN and C." "Today's well-rounded cartographer is routinely involved with these 'canned' (prewritten) mapping programs..." "The professional cartographer should, therefore, have a working knowledge of at least one computer language." We are regaled with three pages of detailed obsolescent material on computer structure, but only 23 lines of overview on current instrument technology. There is a whole chapter on fonts and lettering, but no algorithm for conversion from Lat-Long to UTM. The central meridians for the UTM zones are not provided, nor is the DoD lettering scheme. One of the responsibilities of a text book is to arrange the subject matter in a structure where it can be easily referenced. This book reads like a series of articles of varying quality published under one cover, with overlap resolution left as an exercise for the reader.

The book is pretty good, and it seems that the package has been processed very carefully! I think my choice is right.

It's a classic book for cartographers! I recommend!

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