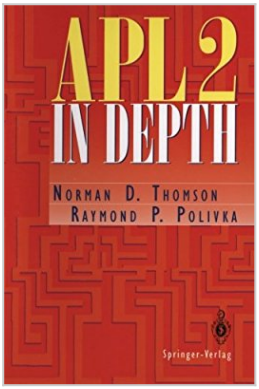

APL2 in Depth (Springer Series in Statistics)

By Norman D. Thomson, Raymond P. Polivka

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This book is designed for people with a working knowledge of APL who would like to increase their fluency in the wide range of extra facilities offered by second-generation APL products. Although the primary product in view is IBM's APL2 as implemented on mainframe, PC and RS/6000, the language fea tures covered share considerable common ground with APL *PLUS II and Oyalog APL. This is a book about skills rather than knowledge, and an acquaintance with some variety of APL on the reader's part is assumed from the start. It is designed to be read as a continuous text, interspersed with exer cises designed to give progressively deeper insight into what the authors conceive as the features which have the greatest impact on programming techniques. It would also be suitable as a text-book for a second course in APL2, although experience suggests that most programming language learning is now by self study, so that this volume is more likely to provide follow-up reading to more elementary texts such as "APL2 at a Glance" by Brown, Pakin and Polivka. Material is discussed more informally than in a language manual - in this book textual bulk is in proportion to difficulty and importance rather than to the extent of technical details. Indeed, some APL2 extensions are not covered at all where the technicalities pose no great problems in understanding and can be readily assimilated from the language manuals.

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Editorial Review

From the Back Cover
This book is designed for people with a working knowledge of APL who would like to increase their fluency in the wide range of language facilities offered by APL2. The first chapter discusses APL2 arrays and functions. Chapter 2 considers operators and then Chapter 3 demonstrates how nested arrays handle data structures. Subsequent chapters provide more in-depth discussion and use of language. Emphasis is placed on covering those APL2 language features which extend user versatility in describing data structures and communicating algorithms in ways which mirror current array-oriented thinking in computing science and software engineering.

Users Review

From reader reviews:

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