

**Operations Research: Process and Strategy.**

DAVID S. STOLLER.

*University of California Press, Berkeley, 1964. vii+159 pp. \$5.00.*

This book forms one of a series called "Science Surveys". From the dust jacket it appears that this book is meant to cover the whole field of operational research, but a glance at the contents reveals that only queuing theory and games theory are covered. In these two areas it seems adequate, indeed it goes quite deeply into some aspects of games theory. Whether or not it has anything new to offer, the reviewer is not prepared to say, his main qualification as a reviewer of this volume arising out of the author's opening remarks wherein he says "only an introductory knowledge of calculus, statistics, probability and theory of equations is required". Unfortunately, the author falls down on this point, since he delights in introducing mathematical expressions at the earliest possible moment and without any real explanation.

It is the opinion of the reviewer that this book has nothing to offer. As one of a series "on applied science, applied mathematics, engineering, and related fields" it is too specialized, and does not really give the reader an overall idea of the scope of operational research, except perhaps in Chapter 2—"The Characteristics of Operations Research Problems". As a book for the layman, equipped only with his "introductory knowledge of calculus, etc. . .", it is too mathematical. Its only value lies in the possible extension of the applications of queuing theory and games theory, not found in such works as *Operations Research: Methods and Problems* by Sasieni, Yaspan and Friedman.

R. COKER

**The Statistical Analysis of Series of Events.**

D. R. COX and P. A. W. LEWIS.

*Methuen, London, 1966. viii+285 pp. 50s.*

**The Theory of Stochastic Processes.**

D. R. COX and H. D. MILLER.

*Methuen, London, 1965. x+398 pp. 70s.*

These two books, both from the same publisher and with one joint author in common, form a very substantial contribution to the literature in the analysis of sequence of events, or the properties of systems, over time. The first book (denoted by S.E.) gives as its objects: firstly, to give a simple description, with numerical examples, of the main methods that have been proposed; secondly, to provide a survey of some of the problems in theoretical statistics that stem from this sort of data; thirdly, to be a book that will be useful to both students and teachers of statistics. The other book (S.P.) defines its objective as being the provision of an introductory account of the mathematical analysis of