but we have probably said enough for our readers to decide whether or not to look at the book itself.

H. A. Thurston, University of British Columbia

Transactions of the fourth Prague conference on information theory, statistical decision functions, random processes. Academic Press, New York and London, 1967, 725 pages.

This is the proceedings of a conference held in Prague from August 31, to September 11 in 1965. It includes 6 invited expository papers and 41 contributed research papers. The invited papers are "Some recent developments in the theory of denumerable Markov processes" by D. G. Kendall, "Some results in the theory of Wiener integrals" by E. Lukacs, "Analytical methods in the theory of controlled Markov processes" by P. Mandl, "Information theory methods in reducing complex decision problems" by A. Perez, "Statistical model building in quality control" by N. S. Raibman (in Russian) and "Recent results in the theory of controlled random processes" by A. N. Shiryaev (in Russian). Of the contributed papers 28 are in English, 2 are in German, 1 is in French and 10 are in Russian. In terms of subject matter they include 3 on the control of random systems, 2 on random systems, 7 on decision theory and statistics, 7 on Markov processes, 5 on limit theorems, 3 on stochastic approximation, 5 on information theory, 3 on random series and the remaining 6 are on miscellaneous topics.

D. A. Dawson, McGill University

S. S. Wilks: Collected Papers; Contributions to mathematical statistics, edited by T. W. Anderson. John Wiley and Sons, 1967. 693 pages.

This volume contains 48 statistical papers of S. S. Wilks. They include his works on multivariate analysis, likelihood ratio tests and maximum likelihood estimates, order statistics and nonparametric methods, as well as his contributions to the applications of statistics to science and to the problems of teaching statistics and training statisticians.

C. Kraft, Université de Montreal

Darstellungen von Gruppen. Mit Berücksichtigung der Berdürfnisse der modernen Physik. Zweite, überarbeitete Auflage. Die Grundlehren der mathematischen Wissenschaften in Einzeldarstellungen, by H. Boerner. Band 74, Springer-Verlag, Berlin, Heidelberg, New York, 1967. xiv + 317 pages. DM 58, $14.50 U.S.

This second edition differs from the first one only in some passages, which shall be discussed below. The book has been written by a mathematician, with the physical applications in mind, however, without

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