Book Reviews

Um Curso Moderno Elementar de Analise Combinatoria.

RUY MADSEN BARBOSA.

Araraquara, São Paulo, 1963.

Now that our members are pushing out into the South American Continent again, one can no longer ignore books published in the Latin American languages which are likely to be helpful. The difficulty in reviewing them is to find someone who knows both the subject and the language. Your reviewer can do no more than give you an approximate list of the chapter headings which are:

1. Algebraic Elements of Combinatorial Analysis.
2. The Arithmetic Triangle.
3. Combinatorial Analysis (principal elements).
4. Trees and Basic Rules of Combinatorial Calculus.
5. Principal Formulas of Combinatorial Calculus.
6. Other Considerations about Permutations.
7. Combinatorial Calculus with Repeated Elements.
8. Occupancies of Cells, Partitions and Compositions.
9. Polynomial Expansions.
10. Factorial Polynomial Expansions.
11. Some Formulas about Sums.

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Operations Research in Production and Inventory Control.

FRED HANSSMANN.

Wiley, New York, 1962. 254+xii *pp.* 68*s*.

Your reviewer offers his apologies to the readers of this JOURNAL and the author of the book for the delay in publishing this review. Hanssmann's work has by now become well known to those who are dealing with Stock Control systems, and gathers together a good deal of theory which formerly had to be hunted out from individual papers. After a short introduction, he develops the theory of static deterministic problems going on to probabilistic and dynamic models.

He next deals with a parallel stations and series of stations and concludes with an illustrated Case Study and bibliography. The author's style is readable and his mathematical treatment adequate while remaining within the compass of the reader who is not primarily a mathematician.

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117