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pects of MIS building, and Chapter 10 covers the programming effort. The last chapter discusses the future changes foreseen by the author as a result of more widespread use of computerized MIS.

An operations researcher will find OR mentioned only in the chapter on MIS and the Business Planning Environment (Chapter 6) in a section that bears little direct relation to anything else in the book, although the reader might be expected to see the usefulness of OR in the design of computerized MIS. There is a clear, rather brief description of linear programming followed by discussions of simulation and network theory. Only the discussion of simulation is directly related (by the author) to computerized MIS. Although several other sections of the book make reference to queuing, this chapter does not provide any discussion of this topic. For an OR man, there is nothing new here; for the uninitiated manager, Kelly's 80 pages of OR may be useful in helping him to communicate with his firm's OR specialists.

Typographical and grammatical errors abound, including two errors on the first page. Although the book was published in 1970, page 51 includes a forecast of computer utilization for the year 1970, or is this another typographical error? Page 125 discusses exponential smoothing and the appropriate size of alpha after giving a formula that contains no exponent. A long discussion of IBM's OMNI system, beginning on page 219, describes it in future conditional terms although the footnote is dated 1963—does the author mean to say that OMNI had not been implemented by 1970? Surely IBM can do better than that! But be patient, dear reader, on page 305 you will find that the system was indeed a success! On page 516 there is a prediction of U.S. GNP for 1975 of \$858 billion, but 1970 GNP was already larger than that—must we now expect a depression? These are just a few of the many errors that detract from the usefulness of the book and lead to the conclusion that it is just a first draft rushed into print without proper editorial effort.

In summary, this book has very little justification as a text or reference for computer professionals or for OR practitioners. The author has fallen far short of his goal and the resulting book is very disappointing.

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