REVIEWS AND DESCRIPTIONS OF TABLES AND BOOKS

III. Rational Approximation	
11. Continued Fractions, by J. D. P. Donnelly	99
12. Interpolation by Rational Functions, by D. F. Mayers	105
13. Economization of Continued Fractions, by D. F. Mayers	117
14. The Padé Table, by J. D. P. Donnelly	125
15. Applications of the QD and ϵ Algorithms, by J. D. P. Donnelly	131
16. Theory and Calculation of Best Rational Approximations, by A. R	
Curtis	139
17. Convergence of Rational Approximations, by D. C. Handscomb	149
IV. Miscellaneous	
18. Theory of General Non-Linear Minimax Approximation, by M. J. D	۰.
Powell	155
19. Spline Functions, by D. C. Handscomb	163
20. Optimal Approximation of Linear Functionals, by D. C. Handscomb	169
21. Optimal Approximation by Means of Spline Functions, by D. C	
Handscomb	177
22. An Introduction to ϵ -Entropy, by M. J. D. Powell	183
23. Functions of Many Variables, by D. C. Handscomb	191
24. Practical Considerations, by D. C. Handscomb	195
]	E. I.

100[X].—M. V. WILKES, F.R.S., A Short Introduction to Numerical Analysis, Cambridge University Press, Cambridge, England, 1966, 76 pp., 22 cm. Price \$4.75.

As the title indicates, this is a very short (76 pp.) introduction to numerical analysis. It is also reasonably priced, with a paper bound edition available for \$1.95 from Cambridge University Press. The author covers the usual topics treated in a first course in numerical analysis. These include iteration, interpolation, numerical integration and differentiation, the solution of ordinary differential equations, and the solution of linear systems. The level of the material is fairly elementary, although the author does not hesitate to use advanced concepts to simplify derivations. The emphasis is on methods rather than proofs.

The chapter on Interpolation is by far the longest chapter, and, considering the length of the book, by far too long, especially since many important concepts and methods are omitted.

This book has some value as a quick reference book. As a textbook it is of questionable value. The brevity of the material, the omission of proofs and the general lack of cohesion make it, in the referee's opinion, unsatisfactory even for an undergraduate course in numerical analysis.

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101[X, Z].—T. E. HULL, Introduction to Computing, Prentice-Hall, Inc., Englewood Cliffs, N. J., 1966, xi + 212 pp., 24 cm. Price \$6.95.

This text is divided into three main parts of five chapters each: first, a discussion of the basic properties of computers and of simple algorithms using machine-

744