the description of the machine itself describes the physical location of each piece of equipment and its use in great detail.

The sections on operating and coding provide enough information to enable one unfamiliar with the SWAC to make use of standard service techniques in programming. With this end in mind, the chief criticisms are:

(1) The information concerned with preparation of data for input and the processing of output data is scattered throughout the manual and hence is difficult to follow.

(2) It would be hard to use the manual as a reference, since there is no detailed index and much of the information is given in descriptive style. (However, this is unfortunately true of most manuals of this type).

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76[Z].—PROGRAMMING RESEARCH GROUP, APPLIED SCIENCE DIVISION, INTERNATIONAL BUSINESS MACHINES CORPORATION, "Specifications for the IBM mathematical FORmula TRANslating system, *FORTRAN*, International Business Machines Corp., New York, 1954. 43 p. 28 cm.

This contains proposed specifications for a code which IBM plans to prepare which will permit the IBM 704 computer to directly accept mathematical problems written in their usual mathematical form. Besides mathematical expressions, there are provisions for accepting input-output formulas (card reading formulas, tape reading formulas, print formulas, etc.), and formulas for all other information necessary in solving a mathematical problem.

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77[Z].—ALBERT H. RUBENSTEIN, Editor, *Coordination, Control, and Financing of Industrial Research*, Proceedings of the Fifth Annual Conference on Industrial Research, June, 1954, with selected papers from the Fourth Conference, June, 1953. King's Crown Press, Columbia University, New York, 1955.

Includes nontechnical chapters on Introduction to Computer Technology by C. B. TOMPKINS, Application of High Speed Computers to Research Problems by RICHARD F. CLIPPINGER, Automatic Data Reduction by G. TRUMAN HUNTER, and Operation of an Industrial Computing Facility by H. R. J. GROSCH, extending through about 30 pages.

C. B. T.

TABLE ERRATA

In this issue references have been made to errata in Review **55** and Review **59**.

244.—T. LAIBLE, "Höhenkarte des Fehlerintegrals," *Zeit. angew. Math. Physik,* 1951, p. 484–487. [*MTAC*, v. 6, 1952, p. 232.]

T. Laible gives the first five complex zeros of the error function $\int_0^z e^{-u^2}du$ which he obtained graphically to 3D. His 2nd and 3rd zeros do not deviate by

more than 2 units in the third decimal from the correct values, but *his* 3rd *and* 4th *zeros are given as 3.375 + 3.640i and 3.805 + 4.045i whereas they should be 3.335 + 3.646i and 3.769 + 4.061i*, respectively.

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NOTES

International Conference on "Electronic Digital Computers and Information Processing"

An international conference on "Elektronische Rechenmaschinen und Informationsverarbeitung" will be held on October 25–27, 1955 at the Institut für Praktische Mathematik (IPM) at Technische Hochschule, Darmstadt/Germany. The conference is sponsored by GAMM (Gesellschaft für Angewandte Mathematik und Mechanik) and NTG-VDE (Nachrichtentechnische Gesellschaft im Verband Deutscher Elektrotechniker).

Detailed information may be obtained from

> Prof. Dr. A. Walther
> Institut für Praktische Mathematik (IPM)
> Technische Hochschule
> Darmstadt/Germany.

QUERIES AND REPLIES

It is frequently possible to obtain information about tables and other aids to computation by publishing a query in this section; these should be addressed to the Chairman of the Editorial Committee. If information about tables is desired the question should contain an explicit definition of the function whose values are desired, the ranges of arguments of interest, and the precision required. The definition of the function might frequently be accomplished by a reference to the literature, and it should usually be accompanied by a decimal classification of the function according to the scheme of Lehmer's *Guide to Tables in The Theory of Numbers*, Fletcher, Miller, and Rosenhead's *An Index to Mathematical Tables*, Science Abstracts A, or another index as appropriate.

It is probable that replies to some queries will be sent directly to the originator of the query; it is requested that the originator of each query relay replies to the Chairman of the Editorial Committee for publication.

CORRIGENDA

See the last line of the note in this issue, p. 118, "Remark on determination of characteristic roots by iteration," by J. L. Brenner and G. W. Reitwiesner, which refers to *MTAC*, v. 8, p. 238.

V. 9, p. 45, CORRIGENDA, the upper limit of integration should read χ not x in both integrals.