PREFACE

This volume of mathematical tables has been prepared under the aegis of the Institute Mathematical Statistics. The Institute of Mathematical Statistics is a professional ciety for mathematically oriented statisticians. The purpose of the Institute is to enurage the development, dissemination, and application of mathematical statistics. The mmittee on Mathematical Tables of the Institute of Mathematical Statistics is respon- le for preparing and editing this series of tables. The Institute of Mathematical atistics has entered into an agreement with the American Mathematical Society to intly publish this series of volumes. At the time of this writing, submissions for ture volumes are being solicited. No set number of volumes has been established for is series. The editors will consider publishing as many volumes as are necessary to sseminate meritorious material.

Potential authors should consider the following rules when submitting material.

1. The manuscript must be prepared by the author in a form acceptable for photo-offset. This includes both the tables and introductory material. The author should assume that nothing will be set in type although the editors reserve the right to make editorial changes. The tables must be produced from computer output.

2. While there are no fixed upper and lower limits on the length of tables, authors should be aware that the purpose of this series is to provide an outlet for tables of high quality and utility which are too long to be accepted by a technical journal but too short for separate publication in book form.

3. The author must, wherever applicable, include in his introduction the following:

(a) He should give the formula used in the calculation, and the computational procedure (or algorithm) used to generate his tables. Generally speaking, FORTRAN or ALGOL programs will not be included but the description of the algorithm used should be complete enough that such programs can be easily prepared.

(b) A recommendation for interpolation in the tables should be given. The author should give the number of figures of accuracy which can be obtained with linear (and higher degree) interpolation.

(c) Adequate references must be given.

(d) The author should give the accuracy of the table and his method of rounding.

(e) In considering possible formats for his tables, the author should attempt to give as much information as possible in as little space as possible. Generally speaking, critical values of a distribution convey more information than the distribution itself, but each case must be judged on its own merits. The text portion of the tables (including column headings, titles, etc.) must be proportional to the size 5−1/4″ by 8−1/4″. Tables may be printed proportional to the size 8−1/4″ by 5−1/4″ (i.e., turned sideways on the page) when absolutely necessary; but this should be avoided and every attempt made to orient the tables in a vertical manner.

(f) The table should adequately cover the entire function. Asymptotic results should be given and tabulated if informative.

(g) An example or examples of the use of the tables should be included.

4. The author should submit as accurate a tabulation as he can. The table will be checked before publication, and any excess of errors will be considered grounds for rejection. The manuscript introduction will be subjected to refereeing and an inadequate introduction may also lead to rejection.

5. Authors having tables they wish to submit should send two copies to:

> Dr. Robert E. Odeh, Coeditor
> Department of Mathematics
> University of Victoria
> Victoria, B. C., Canada V8W 2Y2

At the same time, a third copy should be sent to:

> Dr. William J. Kennedy, Coeditor
> 117 Snedecor Hall
> Statistical Laboratory
> Iowa State University
> Ames, Iowa 50011

Additional copies may be required, as needed for the editorial process. After the editorial process is complete, a camera-ready copy must be prepared for the publisher.

Authors should check several current issues of *The Institute of Mathematical Statistics Bulletin* and *The AMSTAT News* for any up-to-date announcements about submissions to this series.

ACKNOWLEDGMENTS