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BIBLIOGRAPHY OF CLASSICAL AND CONTAGIOUS DISCRETE DISTRIBUTIONS

GANAPATI P. PATIL
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PENNSYLVANIA STATE UNIVERSITY
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Contract No. AF 33(615)-2763
Project No. 7071

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OFFICE OF AEROSPACE RESEARCH
United States Air Force

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WRIGHT-PATTERSON AIR FORCE BASE, OHIO

FOREWORD

This report was prepared by G. P. Patil and Sharadchandra W. Joshi on Contracts AF 33 (657)-11559 and AF 33 (615)-2763 for the Aerospace Research Laboratories, Office of Aerospace Research, United States Air Force. The work reported herein was accomplished on Project 7071, 'Research in Applied Mathematics', under the technical cognizance of Dr. P. R Krishnaiah of the Applied Mathematics Research Laboratory, ARL.

This report presents the bibliography of classical and contagious discrete distributions prepared at the Pennsylvania State University, University Park. Dr. Patil was the principal investigator. Mr. Joshi was the research assistant.

The authors are thankful to Dr. P. R. Rider and Dr. P. R. Krishnaiah for their keen interest and encouragement. They also want to express their appreciation to Mrs. Alex Yanez for her expert assistance in the preparation of this report.

ABSTRACT

The present report provides a bibliography of classical and contagious discrete distributions which lists 2113 publications in statistics and probability discussing discrete distributions in general. Publications in other fields discussing applications of these distributions have been also included. Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as published papers.

A systematic search was made for most of the entries published in English during the period ending 1964. Some of the later publications discovered and found relevant are also included. The original objective of achieving comprehensive coverage of non-English publications was partially abondoned due to lack of adequate resources. The interest of the authors continues in the direction of making this bibliography more comprehensive and every form of assistance will be most welcome.

TABLE OF CONTENTS

CHAPTER		PAGE
1	Introduction	1
2	Bibliography of Discrete Distributions	26

CHAPTER 1: INTRODUCTION

The present bibliography is an extension of "A selected bibliography of statistical literature on classical and contagious discrete distributions" by Patil (1965e).

An effort has been made to make the bibliography current, as well as to incorporate useful changes. About 1000 relevant entries have been added to the ones listed in Patil (1965e). A prominent change is the use of a citation scheme as discussed and used by I. Richard Savage (1962) in his "Bibliography of nonparametric statistics" published by the Harvard University Press. This technique gives a list of all entries that cite a particular item. The citation lists can serve as a detailed indexing. Hence the publications have not been grouped by classification However, attempt has been made to classify individual entries.

A systematic search was made for most of the entries published in English during the period ending 1964. We have also listed later publications that we came across and found relevant. The original objective of achieving comprehensive coverage of non-English publications was partially abondoned due to lack of adequate resources.

Papers in statistics and probability discussing discrete distributions in general or those providing explicit treatment of one or more of them on individual basis were considered relevant. Publications in other fields duscussing applications of these distributions have been also included. A few relevant topics such as matching, occupancy, run length and contingency tables are omitted since these have been covered well in the "Bibliography of nonparametric statistics" by Savage. Publications on the general theory of queues and other stochastic processes have been excluded to a large extent. The scope of the bibliography, including topics covered, may be more apparent from the discussion on matters related to the classification scheme as discussed later in this introduction.

Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as 'published papers'.

Some of the promising periodicals could not be scanned either because they were not readily available or because of language-difficulties or some other reason. However, in view of (2), (3), (4) and (5), a satisfactory coverage of them may be claimed. These periodicals are given in the list C at the end of this introduction.

Entries: A complete entry consists of the name(s) of author(s); year of publication; title of article or book or technical report, etc; name and volume number of the periodical in which the article appeared, or name of the publisher and place of publication of a book or a technical report, etc.; page numbers of journal articles or total number of pages of a technical report; review; users; classification; a special note if needed and a serial number. It is possible that some of the entries are incomplete or less accurate on one count or another. We intend to revise the present version of the bibliography in the near future and therefore we urge the reader to supply us with corrections, additions and other comments.

Names: For each entry the last name of an author is given followed by his first name or initials. Entries are arranged alphabetically by last names of first authors of articles or books. In the case of a publication having more than one author, entry is made as many times as the number of the authors with cyclic permutation of the order of names in which they appear in the publication. However, in such a case, details of the entry are provided only once in the 'main' entry which is listed under the name of the author appearing first on the publication. For a specified author, publications due to him alone are entered first. And they are listed chronologically for him. Then follow publications written by that author jointly with other listed alphabetically with second author, third author, etc. and chronologically for the same joint author(s).

While alphabetizing names, prefixes such as 'de', 'dela', 'van', 'von' etc. have been treated as parts of the last names. A compound name is entered under the initial letter of the first part of the last name, e.g. Tiago de Oliveira is listed under T; G.-Rodeya, F. E. under G. Publications under a corporate body which do not give any author are listed under the name of the body, e.g. National Bureau of Standards, Power Apparatus System or under Anonymous.

The bibliography has been prepared by means of a card index made in the following way.

(1) Certain periodicals were scanned for relevant articles, mainly English. These are given in the list B at the end of this introduction.

(2) A large number of papers were cited in the following reviewing or abstracting journals.

a. Biological Abstracts (abbreviated as BA)

b. Mathematical Reviews (abbreviated as MR)

c. Psychological Abstracts (abbreviated as PA)

d. Science Abstracts, Sections A and B (abbreviated as SA).

(3) The following bibliography was very useful in locating some of the papers from relatively remote/obscure periodicals.

Bibliography of statistical literature 1950-1958, by M. G. Kendall and A. G. Doig, Oliver and Boyd, London (1962).

(4) Most of the papers on applications in the field of biology were traced from the following.

a. An annotated bibliography on the uses of statistics in ecology - A search of 31 periodicals, by Vincent Schultz, a technical report from Environmental Sciences Branch, Division of Biology and Medicine, Atomic Energy Commission, Washington, D. C. (1961).

Later issues of most of the promising periodicals in this group were also examined.

b. Quantitative plant ecology, by P. Greig-Smith, 2nd edition, Butterworth and Co. Ltd., London (1964).

(5) In response to the requests made for contributions of references and reprints of publications discussing discrete distributions, several research workers in a variety of disciplines brought to our attention a number of relevant articles. In particular, Dr. Frank A. Haight provided several entries on processes and chains involving Poisson or Poisson-related distributions. Dr. Collin Forrester helped with entries from the field of operations research.

Most of the non-English entries have come through (2), (3), (4) and (5) above.

Dates. The year given is the year in which the volume of the periodical in which the article appeared was published or a book (last edition) was published. Hence if a volume spreads over more than a calendar year, a single entry may have more than one year associated with it, for example, J. B. S. Haldane (1947-49). Most of the entries are dated.
If the same group of authors has more than one publication in the same year, the year for such publications is usually suffixed by different letters for easy reference. There may appear some minor irregularities in suffixing as a result of a few last minute alterations.
Titles: Titles are given in the language of publication and/or English translation is provided. Sometimes the language of publication is indicated in a parenthesis following the title if it is not English. If an article is summarised at the end of the publication then it is also indicated in this parenthesis and the language of the summary is given for example, the entry of Medgyessy (1954a) in the bibliography.
The individual identity of each article has been preserved, perhaps at the cost of some duplication at times. In such cases, titles for some entries may be identical. Instances of this kind can particularly occur with published translations and also with some technical reports appearing in periodicals. Titles of books, dissertations and technical reports are underlined (italicized).
Periodical or Publisher and Place: The names of journals and the volume number which follows are underlined (italicized). Volume number along with the date and the starting and end page numbers of the article should enable the reader to locate the article fast. Sometimes issue numbers are given in the subsequent parenthesis because in these cases either the page numbers start with 1 in each issue or the description of the entry was copied from some secondary source (i.e. not from the original publication). Sometimes place of publication of the journal, (although it is not a part of its name), is given because it is well known that way and may help the reader recalling some information, for example, Ann. Inst. Statist. Math. Tokyo. Almost in all cases, the names of periodicals are abbreviated to save space. Abbreviations used are fairly standard, either borrowed from the Mathematical Reviews or the International Journal of Abstracts. In the case of a book, the name of

the publishing company and the place are given in short. If the publication is neither a journal-article nor a book, it is indicated whether it is a technical report or a research report or a dissertation, etc. At these places also standard abbreviations are used whenever possible, for example, Expt. for experiment or experimental Tech. Rep. for technical report Univ. for university, etc. We hope that all of these abbreviations are quite clear in the context and hence are not listed separately. Locations of American universities are not given.

Reviews: Mathematical Reviews through 1965 were scanned for reviews. Psychological Abstracts Biological Abstracts and Science Abstracts through 1963 were scanned. In connection with reviews are given abbreviated names of reviewing and/or abstracting journals, their volume number, year (year in parenthesis) and page number in the case of Mathematical Reviews, or abstract number in the case of Psychological Abstracts, Biological Abstracts, or Science Abstracts. This item is omitted if we have not come across a review for the entry.

Users: If a publication is cited as a reference in another publication then the latter is a user of the former. Thus Feller (1943) is listed as a user under Neyman (1939) because Feller (1943) referred to Neyman (1939). We neither listed users of books nor did we list books as users of any publication. Some articles were not available when users were being listed. Sometimes footnotes may have been overlooked. Thus, lists of users may not be taken to be complete. Users have been listed chronologically. This item is omitted whenever there is no user.

Classification: We did not classify books and dissertations, and in rare cases technical reports which generally cover vast areas and hence are difficult to classify in a reasonably small number of classes. Also abstracts were not classified. In these cases the remark of 'No classification' is made. In many other cases we could not see the original publication or language difficulty was apparent and these publications could not be classified. In such cases this item is left blank. Whenever classification is done it is given in code letters as indicated later in the discussion. Classification is three ways:

(1) by distributions,

(2) by statistical inference and

(3) by fields of application.

Notations for these three classifications are separated by colons (:). The first and the third classifications are denoted by capital Roman letters, and the second by small Roman letters. An entry may be classified in more than one category, by each of the three criteria. Codes for different categories in the same classification are separated by dashes (-). For example, B-P:pe-ie:BM tells that the article deals with binomial and Poisson distributions, treats point estimation and interval estimation and discusses application in biological and medical sciences.

The classification scheme may be described as follows:

Classification by Distributions: We give classes and their code in list A. This classification does not need explanation for each class separately. However, a few comments are necessary. The name of distributions as seemingly accepted at large in the statistical literature are listed. The words 'compound' and 'generalized' are used in the sense of Gurland (1957). Of course, well known distributions like negative binomial, have been classified by their own name rather than just as a compound or a generalized distribution. Pascal distribution being a special case of negative binomial has been classified as the negative binomial distribution. In a 'remated' class, for example, 'other multinomial related', distributions obtained by modifying the underlying probability model one way or another (not covered otherwise) are included. Thus, for example, see Dandekar (1955), Tallis (1962), Stevens (1937). All bivariate distributions are classified as multivariate. Distributions not included in the above list by any specific name are classified as miscellaneous. Articles on discrete distributions in general or sometimes articles containing several - six or more - of them are also classified as miscellaneous.

Classification by Statistical Inference: This classification is more difficult than the other two and almost each class of it needs some explanation. If at least a section or a paragraph of an article deals with a type of statistical inference, it has been included in that particular class.

(1) Tabulation and Charts (tc): This includes entries which give tables and/or charts such as probability tables of a discrete distribution,

graphs of discrete distribution functions or a table of significance values. etc. For example, Nicholson (1960), Nicholson (1961). However, articles giving goodness of fit table or an analysis of variance table do not fall in this class.

(2) Moments(m): Publications discussing raw moments, absolute moments moments about mean or some other origin, incomplete moments expected values of negative powers of a random variable, factorial moments, cumulants are in this class.

(3) Approximations, Asymptotics, etc. (a): This includes entries discussing limiting or asymptotic forms of distributions. Publications giving other types of approximations, for example, to an expected value or to a probability function, are also put in this class.

(4) Other Structural Properties (osp): This class covers structural properties other than those covered in the previous two classes, such as characterizations of distributions, inter-relationships between distributions, sampling distributions, etc.

(5) Processes and Chains (pc):

(6) Point Estimation (pe):

(7) Sequential Estimation (se):

(8) Interval Estimation (ie):

(9) Order Statistics (os):

(10) Test on Parameter (tp): We have restricted ourselves here to tests on parameter(s) of a single distribution. The case of two populations where interest lies in testing equality or inequality of parameters of the two distributions is classified in a different class, 'comparison of two populations'. The case of several populations where equality of parameters of the populations is being tested is included in the class 'homogeneity' or 'analysis of variance and transformation'.

(11) Goodness of Fit (gf): An entry falls into this class if it discusses general theory of goodness of fit criteria or if it contains data to which a distribution is fitted.

(12) Statistical Quality Control and Acceptance Sampling (sqc): There are several publications which discuss statistical quality control using discrete distributions. We have included in this bibliography only those

publications from this field which discuss discrete models and methods employed rather than the operational and industrial aspects as such.

(13) Analysis of Variance and Transformations (anovat): Transformations for discrete distributions have been considered in literature mainly to apply the analysis of variance techniques to the discrete data. Therefore, the publications dealing with analysis of variance of discrete data and also with transformations of discrete distributions are put in a common class.

(14) Index of Dispersion (id): This is perhaps too specialized a topic to warrant a separate class. But since quite a few papers were observed to discuss this index it was thought worth while to prepare a separate class. In fact this is a subclass of 'homogeneity'!

(15) Homogeneity (h): This has been used in two, more or less distinct senses. In one case, the hypothesis to be tested is that given k samples come from a common population with a given probability distribution. In the second, the hypothesis to be tested is that there is no contagion, or that the experimental material is homogeneous. In some articles this was done by testing the Poisson goodness of fit to the data by using index of dispersion. Such entries are classified as 'gf' or 'id'. But in some articles the 'no contagion' or randomness hypothesis was tested by using some other statistics and these were put in this class. The randomness hypothesis is of great importance in ecological problems.

(16) Comparison of Two Populations (ctp): Although this could be looked upon as a special case of 'test on parameters' of a probability function which is a product of individual probability functions, a separate category for this problem is justified by the number of entries in it. The hypothesis to be tested in such a case could be, for example, $H: \lambda_1 = \lambda_2$ or $H: \lambda_1 < c\lambda_2$ with c a known constant, where λ_1 and λ_2 are parameters of two independent Poisson populations.

(17) Comparison of Models (cm): If two models are to be compared, the two distributions based on the models may be fitted to the available data and statements on comparison may be made using chi-square criterion. Such articles can be classified in 'gf'. In the present class we include those papers in which different models are compared by means of

other reasoning. Univariate versus bivariate approach to accident statistics may be cited as an example of this. For example, Blum and Mintz (1951).

(18) Selection and Ranking Problems (srp):

(19) Computations (c): Articles dealing with computational methods such as discussing programs for preparing tables or providing simplified formulae to evaluate an expression are classified in this class. For example, Birch (1963) and Molina (1929).

(20) Regression and Prediction (rp):

(21) Model Building (mb): All publications which derive discrete distributions under suitable assumptions have been classified under 'mb'. For example, Neyman (1939).

(22) Miscellaneous (mi): Even with the 21 classes described above it was found necessary to make this class. A publication which could not be classified in any of the above 21 classes was put in this class. Increase in the number of classes was not considered very desirable just for a few entries of some kind. It was realized only after a large number of entries were classified that many articles on infinite divisibility were classified as miscellaneous. We are hopeful that in most such cases titles of articles would be self-descriptive.

Classification by Fields of Application: Entries were classified into one or more of the following fields of application.

Biological and Medical Sciences (BM), Physical Sciences (P), Engineering (E), Social Sciences (S), Accidents, Absenteeism (A), Linguistics (L), General Theory (G) and Other (O).

Classification into any of BM, P, E, S, L is relatively easy. Papers on accidents data and absenteeism could not be classified in any of these five classes conveniently. Because of this reason and due to wide interest generated by the theory of accidents and absenteeism, such papers were classified in a separate class. Papers discussing general statistical or probability theory without application to any particular field are put in 'G'. In a number of publications a general theory is developed with a view to applying it to a specific problem in one of the above fields. In such a case the entry is classified as 'G' as well as the particular field. The same

procedure is followed if the general theory is applied in some field as an illustration of the general theory, or even if it was felt that the statistical method under discussion could be of general interest in a particular field. There are not many papers which had to be put in the last class 'O'.

The bibliography is, hopefully, not far from being exhaustive, though a few not-directly-relevant-papers might have crept in, as might also some relevant ones left out. Some entries remain to be classified. Our interest continues and the users are requested to bring to our notice any errors or omissions that they might detect. We would also be happy to be notified of the classifications missing in the bibliography. We request timely assistance of our readers in this effort. Reprints also would be very welcome.

A: LIST OF CLASSES

(1) CLASSIFICATION BY DISTRIBUTIONS

1.	Hypergeometric	H
2.	Negative Hypergeometric	NH
3.	Inverse Hypergeometric	IH
4.	Other Hypergeometric Related	OHR
5.	Multivariate Hypergeometric	MH
6.	Multivariate Inverse Hypergeometric	MIH
7.	Multivariate Hypergeometric Related	MHR
8.	Binomial	B
9.	Generalized Binomial Distribution of Poisson	GBDP
10.	Truncated or Censored Binomial	TCB
11.	Compound Binomial	COB
12.	Generalized Binomial	GB
13.	Multivariate Binomial	MB
14.	Other Binomial Related	OBR
15.	Poisson	P
16.	Truncated or Censored Poisson	TCP
17.	Compound Poisson	COP
18.	Generalized Poisson	GP
19.	Multivariate Poisson	MP
20.	Other Poisson Related	OPR
21.	Negative Binomial	NB
22.	Truncated or Censored Negative Binomial	TCNB
23.	Compound Negative Binomial	CONB
24.	Generalized Negative Binomial	GNB
25.	Multivariate Negative Binomial	MNB
26.	Logarithmic Series	LS
27.	Multinomial	M
28.	Compound Multinomial	COM

29.	Generalized Multinomial	GM
30.	Negative Multinomial	NM
31.	Compound Negative Multinomial	CONM
32.	Other Multinomial Related	ONR
33.	Power Series	PS
34.	Multivariate Power Series	MPS
35.	Inverse Factorial Series	IFS
36.	Geometric	G
37.	Compound Geometric	COG
38.	Generalized Geometric	GG
39.	Neyman's Type A	N
40.	Borel-Tanner	BT
41.	Discrete Lognormal	DL
42.	Thomas	T
43.	Polya	PO
44.	Miscellaneous	MI

(2) CLASSIFICATION BY STATISTICAL INFERENCE

1	Tabulation and Charts	tc
2.	Moments	m
3.	Approximations, Asymptotics	a
4.	Other Structural Properties	osp
5.	Processes and Chains	pc
6.	Point Estimation	pe
7.	Sequential Estimation	se
8.	Interval Estimation	ie
9.	Order Statistics	os
10.	Test on parameters	tp
11.	Goodness of Fit	gf
12.	SQC and AS	sqc
13.	Anova and Transformations	anovat

14.	Index of dispersion	id
15.	Homogeneity	h
16.	Comparison of two populations	ctp
17.	Comparison of models	cm
18.	Selection and ranking problems	srp
19.	Computations	c
20.	Regression and prediction	rp
21.	Model building	mb
22.	Miscellaneous	mi

(3) CLASSIFICATION BY FIELDS OF APPLICATION CITED

1.	Biology and Medicine	BM
2.	Physical Sciences	P
3.	Engineering	E
4.	Social Sciences	S
5.	Accidents, Absenteeism	A
6.	Linguistics	L
7.	General Theory	G
8.	Other	O

B: LIST OF SCANNED PERIODICALS

Acta Math. Acad. Sci. Hungar.

Amer. Math. Monthly

Ann. Eugenics (now Ann. Human Genetics)

Ann. Human Genetics (formerly Ann. Eugenics)

Ann. Math. Statist.

Ann. of Math.

Appl. Statist.

Bell System Tech. J.

Biometrics

Biometrika

Bull. Amer. Math. Soc.

Bull. Calcutta Math. Soc.

Canad. J. Math.

Canad. Math. Bull.

Duke Math. J.

Ecology

Econometrica

Industrial Quality Control

Information and Control

J. Amer. Statist. Assoc.

J. Appl. Prob.

J. Ecol.

J. Roy. Statist. Soc. Ser. A

J. Roy. Statist. Soc. Ser. B

J. Roy. Statist. Soc. Suppl.

Math. Nachr.

Metrika (formerly Mitteilungsbl. Math. Statist.

Mitteilungsbl. Math. Statist. (now Metrika)

Operations Res. (formerly J. Operations Res. Society Amer.)

Pacific J. Math.

Philos. Trans. Roy. Soc. London Ser. A

Population Studies

Proc. Berkeley Symp. Math Statist and Probab.

Proc. Cambridge Philos. Soc.

Proc. Edinburgh Math. Soc. Ser. 2

Proc. 4th Berkeley Symp. on Math. Statist. and Probab.

Proc. London Math. Soc.

Proc. Roy. Soc. Edinburgh Sect. A

Proc. 2nd Berkeley Symp. Math. Statist. Probab.

Proc. 3rd Berkeley Symp. Math. Statist. Probab.

Psychometrika

Sankhyā Ser. A and B

Technometrics

Teor. Verojatnost. i Primenen.

Theor. Probability Appl.

Trans. Amer. Math. Soc.

C: LIST OF OTHER PERIODICALS APPEARING IN THE BIBLIOGRAPHY

Acad. R. P. Romine Bul. Sti. Mat. Fiz.

Acad. Roy. Belg. Bull. Cl. Sci.

Acad. Roy. Belg. Cl. Sci. Mem. Coll. in-8°

Acta Gent. Statist. Med.

Acta XI Congr. Int. Orn.

Acta Sci. Math. (Szeged)

Actas Acad. Ci. Lima

Actas 2.ª Reunion Mat. Espanolas

Agra Univ. J. Res.

Akad. Nauk. SSR Zhurnal Eksper. Teoret. Fiz.

Akad. Nauk. SSSR Inzenernyi. Sbornik

Aktuar. Vedy

Algorytmy

Allgemein. Statist. Arch.

Amer. Econ. Rev.

Amer. J. Hum. Genet.

Amer. J. Publ. Health

Amer. Midland Nat.

Amer. Nat.

Amer. Psychologist

Amer. Sociol. Rev.

An. Fac. Ci. Porto

An. Soc. Ci. Argentina

Ann. Appl. Biol.

Ann. Bot. Lond.

Arn. Bot. Lond., N. S.

Ann. Ent. Soc. America

Ann. Fac. Econ. Com. Palermo

Ann. Fac. Sci. Univ. foulouse

Ann. Inst. H. Poincare

Ann. Inst. Statist. Math. Tokyo

Ann. Sci. Ecole Norm. Sup.

Ann. Soc. Polon. Math.

Ann. Soc. Sci. Bruxelles Ser. I

Ann. Univ. Lyon Sect. A

Apl. Mat.

Appl. Sci. Res. B

Arh. hig. rada

Arkiv fur Matematik Astronomi och Fysik

Assoc. Roy. Actuaires Belges, Bull.

ASTIN Bull.

Astrophys J.

Atti Accad. Gioenia Catania

AUK

Austral. J. Bot.

Automobilismo

Behavioral Sci.

Ber. Tagung Wahrsch. Rechnung Math. Statist., Berlin

Ber. Verh. Sachs. Akad. Wiss. Leipzig

Bl.-Deutsch. Ges. Versicherungs-Math.

Biol. Sci. Tokyo

Biometrie-Praximetrie

Bull. Un. Mat. Ital.

Bot. Rev.

Brit. J. Psychol.

Brit. J. Statist. Psychol.

Bull. Acad. Polon. Sci. Classe III

Bull. Assoc. Actuaires Deplomes Inst. Sci. Financ. Assuar. Mars

Bull. Assoc. Licencies en Sci. Actuarielles, Univ. Libre de Bruxelles (Bruxelles)

Bull. Calcutta Statist. Assoc.

Bull. Coll. Sci. (Bagdad)

Bull. Inst. Internat. Statist.

Bull. Math. Biophys.

Bull. Sci. Math. Biology

Bull. Soc. Math. France

Bull. Soc. Math. Grece

Bull. Soc. Roy. Sci. Liege

Bull. Soc. Sci. Lettres Lodz.

Bull. Trimest. Inst. Actuaires Franc.

C. R. Acad. Sci. Paris

C. R. Accad. Lincei

C. R. (Doklady) Acad. Sci. URSS N. S.

C. R. 11th Congr. Math. Scand.

California Fish and Game

Canad. Ent.

Canad. J. Bot.

Canad. J. Res. D

Canad. J. Zool.

Chiffres

Ciencia (Lisbao)

Cold Spring Barbor Symp. on Quantitative Biol.

Colloq. Math.

Comm. and Electronics

Comm. Math. Helv.

Comm. Pure Appl. Math.

Commentary

Comptes Rendus de l'Academie des Sciences d'URSS

Condor

Contr. Lab. Vertebrate Biol. Univ. Mich.

Czechoslovak. Math. J.

Defence Sci.

Deutsche Math.

Dokl. Akad. Nauk SSSR

Dopovidi Akad. Nauk Ukrain RSR

Ecol. Monogr.

Educ. Psychol. Measmt.

Elec. Comm. Lab. Tech. J.

Ericsson Technics

Food Res.

Forest Sci.

50th Indian Sci. Congress

Gac. Mat. (Madrid)

Ganita

Genie Civil

Giorn. Economisti

Giorn. Inst. Ital. Attuari.

Growth

Hermes (Quebec)

Highway Res. Board Proceedings

Hum. Biol.

Indian J. Medical Res.

Indian J. Meteo. Geo.

Indian J. Vet. Sci. and Animal Husbandry

Industritidningen Norden

IRE Trans.

Ist. Italiana degli Attuari Giornale

Izv. Akad. Nauk SSSR Ser. Math.

IZv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk

J. Agri. Res.

J. Amer. Soc. Agron.

J. Analyse Math.

J. Animal Ecol.

J. Assoc. Comput. Mach.

J. Austral. Math. Soc.

J. Boston Soc. Civil Engrs.

J. Chron. Dis.

J. College Arts Sci. Chiba Univ.

J. Conseil

J. Dental Res.

J. Econ. Ent.

J. Educ. Res.

J. Elisha Mitchell Sci. Soc.

J. Expt. Biol.

J. Expt. Educ.

J. Fisheries Res. Board Canada

J. Forestry

J. Geology

J. Gen. Microbiol.

J. Genetics

J. Helminthology

J. Hyg., Camb.

J. Immunology

J. Indian Soc. Agri. Statist.

J. Insurance

J. Inst. Actuar.

J. Maharaja Sayajirao Univ. Baroda

J. Marine Biol. Assoc.

J. Marine Res.

J. Math. Mech.

J. Math. Soc. Japan

J. Nat. Inst. Personn. Res. Johannesburg

J. Operations Res. Soc. Amer.

J. Proc. Roy. Soc. New South Wales

J. Res. Nat. Bur. Standards Sect. B

J. Sci. Res. Banaras Hindu Univ.

J. Soc. Indust. Appl. Math.

J. Soc. Statist. Paris

J. Textile Inst.

J. Washington Acad. Sci.

J. Wildlife Managem.

Jahrbucher fur Nationalokonomie und Statistik

Jap. J. Ecol.

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Review: MR 21(1960), 75
Class.:
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Class.: 1941

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Class.: MI:tc:G 1942

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Class.: No classification 1945

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Class.: COP:pe:G 1947

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Class.: 1951

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Class.: MI:se:G 1957

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Class.: 1959

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Notes : English translation; Iterations. (In modern terminology, "Runs")

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Class.: B:tp:BM 1998

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Users : Pratt, J. W. (1961)
Class.: B-P:ie:G 1999

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Class.: P:gf:O 2000

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Users : Walsh, J. E. (1955c), Walsh, J.E. (1956), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J. E. (1962), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J. E. (1963)
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Users : Govindarajulu, Z. (1965)
Class.: No classification 2003

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Review: MR 16(1955), 383
Users : Walsh, J. E. (1955b), Crow, E. L. (1959)
Class.: P:tp-ie:G 2004

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Class.: No classification 2005

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Review: MR 16(1955), 938
Users : Fitzpatrick, R. (1958)
Class.: B-P:a:G-S-E 2006

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Class.: B:mi:BM 2008

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Class.: MI:ie-ctp:G 2009

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Class.: No classification 2010

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Class.: B:se:G 2013

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Class.: No classification 2014

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Review: MR 19(1958), 70
Class.: P:a:G 2016

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Class.: B:c:G 2032

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Class.: No classification 2033

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Class.: 2034

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Class.: No classification 2036

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Users : Wiid, A.J.B. (1957-8), Isao, C. M. (1962), Mosimann, J. E. (1963), Capobianco, M. F. (1964), Patil, G. P. (1965), Patil, G. P. (1965), Patil G. P. and Bildikar, S. (1966a)
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Class.: 2105

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Class.: MI:mi:L 2109

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Class.: No classification 2110

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13. ABSTRACT

The present report provides a bibliography of classical and contagious discrete distributions which lists 2113 publications in statistics and probability discussing discrete distributions in general. Publications in other fields discussing applications of these distributions have been also included. Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as published papers.

A systematic search was made for most of the entries published in English during the period ending 1964. Some of the later publications discovered and found relevant are also included. The original objective of achieving comprehensive coverage of non-English publications was partially abandoned due to lack of adequate resources. The interest of the authors continues in the direction of making this bibliography more comprehensive and every form of assistance will be most welcome.

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