VOLUME IX

AUTHOR INDEX

Papers and Technical Notes

[Short papers and notes are marked (N) in this index]

INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED

GENERAL WORKS ON NUMERICAL ANALYSIS

Generalities of Numerical Analysis

Approximation

Finite Differences

Numerical Integration Summation

Linear Equations

Author/s	*Title*	*Review Number*	*Page*
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Eigenvalue and Eigenvector problems		
NBS Applied Mathematics Series No. 29	*Simultaneous Linear Equations and the Determination of Eigenvalues*	64	127
NBS Applied Mathematics Series No. 39	*Contributions to the Solution of Systems of Linear Equations and the Determination of Eigenvalues*	65	129
EDUARD L. STIEFEL	*Kernel Polynomials in Linear Algebra and their Numerical Applications*	87	199–200
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Linear Programming and Games		
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Higher Degree Algebraic Equations		
ANDRES ZAVROTSKY	*Tablas para la Formacion de las Ecuaciones Cubicas*	86	198–199
	Ordinary Differential Equations		
H. F. P. PURDAY	*Linear Equations in Applied Mechanics*	66	131
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Partial Differential Equations		
H. F. P. PURDAY	*Linear Equations in Applied Mechanics*	66	131
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Integral Equations		
H. F. P. PURDAY	*Linear Equations in Applied Mechanics*	66	131
	Special Functions		
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Sampling, Generating Random Variates, Monte Carlo		
K. D. TOCHER	"The application of automatic computers to sampling experiments"	67	132
	General Tables		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121

Author/s	*Title*	*Review Number*	*Page*
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
FRIEDRICH LÖSCH	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196

TABLES FROM NUMBER THEORY

Diophantine Equations of form $x^2 \pm Dy^2 = \pm N$

FRANCIS L. MIKSA	*Table of Quadratic Partitions* $x^2 + y^2 = N$	83	198

Solutions of Diophantine Equations of Second Degree in more than Two Unknowns, Rational Triangles

FRANCIS L. MIKSA	"*A table of integral solutions of* $a^2 + b^2 + c^2 = r^2$"	81	197
FRANCIS L. MIKSA	*A Table of Integral Solutions of* $A^2 + B^2 + C^2 = R^2$ *for all odd* R *from* $R = 3$ *to* $R = 325$, *in two sets,* $R = 1$ *to* 207 *and an extension from* $R = 207$ *to* $R = 325$.	82	197

Perfect and Amicable Numbers and their Generalizations

RUDOLPH ONDREJKA	List of the First 17 Perfect Numbers	2	26

Tables of Binomial Coefficients

RSMTC	*Table of Binomial Coefficients*	31	70

Tables of Primitive Roots

I. M. VINOGRADOV	*Elements of Number Theory*	59	125

Tables of Exponents and Residue-indices

I. M. VINOGRADOV	*Elements of Number Theory*	59	125

Solutions of Special Binomial Congruences

ALBERT GLODEN	*Table des Solutions de la Congruence* $x^4 + 1 \equiv 0 \pmod{p^2}$ *pour* $4000 < p < 6000$	60	125
ALBERT GLODEN	*Table des Solutions Minima de la Congruence* $x^4 + 1 \equiv \pmod{p^2}$ *pour* $6000 < p < 10000$	61	126

Tables of Factors of Numbers of Special Form

A. GLODEN	*Table des factorisation des Nombres* $N^4 + 1$ *dans l'intervalle* $10000 < N \leq 20000$	1	26
HORACE S. UHLER	"*Hamartiexéresis* as applied to tables involving logarithms"	55	121

Lists of Consecutive Primes

I. M. VINOGRADOV	*Elements of Number Theory*	59	125

Tables of solutions of non-binomial congruences of degree ≥ 3

EMMA LEHMER	"On the cyclotomic numbers of order sixteen"	80	196–197

Non-linear Forms, their Classes and Class Numbers

R. J. PORTER	*A List of Groups and Series to serve for Computations of Irregular Negative Determinants of Exponent* $3n$	3	26

Author/s	*Title*	*Review Number*	*Page*
R. J. PORTER	*List of Irregular Determinants of Exponent 3n* [80000 < $-D$ < 150000]	62	126
R. J. PORTER	*Irregular Negative Determinants of Exponent 3n with their critical classes*	84	198

TABLES FROM ALGEBRA

Tables involving Marks from Algebras or Arithmetics other than the usual Number Systems

TAKAYUKI TAMURA	"Note on finite semigroups and determination of semigroups of order 4"	63	126

TABLES FROM ANALYSIS

Squares

E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Cubes

E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Higher Integral Powers

E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Square Roots

CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Fractional Powers of Real Numbers

CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121

Powers of Complex Numbers

ADMIRALTY RESEARCH LABORATORY	"Tables of $\eta = \sqrt{\{m^2 + \sqrt{-1}\}}$"	32	71

Factorials, etc.

E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Binomial Coefficients

RSMTC	*Table of Binomial Coefficients*	31	70
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Generalized Bernoulli and Euler Numbers and Polynomials. Differences and Derivatives of zero, etc. Coefficients in Formulas connecting Derivatives and Integrals with Differences

FRANCIS L. MIKSA	*Stirling Numbers of the Second Kind*	85	198

Author/s	*Title*	*Review Number*	*Page*
	Constants involving π		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Constants involving *e*. Circular and Hyperbolic functions of Constant Arguments		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Algebraic Constants. Roots of Algebraic Equations		
ANDRES ZAVROTSKY	*Tablas para la Formacion de las Ecuaciones Cubicas*	86	198–199
	Conversion Tables		
FRIEDRICH LÖSCH	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Fundamental Tables of Logarithms to Non-decimal Integral Bases		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
	Natural Trigonometrical Functions with Argument in Radian		
NBS Applied Mathematics Series No. 36	*Tables of Circular and Hyperbolic Sines and Cosines for Radian Arguments*	33	71
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
NBS Applied Mathematics Series No. 43	*Tables of Sines and Cosines for Radian Arguments*	58	124
FRIEDRICH LÖSCH	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–195
	Natural Trigonometrical Functions with Argument in Degrees and Decimals		
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
	Natural Trigonometrical Functions with Centesimal Argument		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
	Inverse Circular Functions		
W. L. STEVENS	"Tables of the angular transformation"	6	28
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
FRIEDRICH LÖSCH	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196

Author/s	*Title*	*Review Number*	*Page*
	Natural Values of e^x		
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
Friedrich Lösch	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196
E. S. Pearson H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	Quantities (Natural and Logarithmic) connected with $e^{\pm x}$		
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Natural Values of Hyperbolic Functions		
NBS Appl. Math. Ser. No. 36	*Tables of Circular and Hyperbolic Sines for Radian Arguments*	33	71
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
Friedrich Lösch	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196
	Natural Logarithms of Numbers		
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
Friederich Lösch	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196
E. S. Pearson H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	Natural Logarithms of Reciprocals, Square Roots and other Functions		
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121
	Inverse Hyperbolic Functions		
Friederich Lösch	*Siebenstellige Tafeln der elementaren transzendenten Funktionen*	78	195–196
E. S. Pearson H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	Miscellaneous Functions of Circular and Hyperbolic Functions and Inverse Functions		
AECD-3497 S. Frankel, E. Nelson	"Methods of treatment of displacement integral equations"	35	72
	Exponential Integrals $\mathrm{Ei}(x)$		
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123

Author/s	*Title*	*Review Number*	*Page*
	Exponential Integrals. $-\mathrm{Ei}(-x)$		
CECIL HASTINGS, JR., JEANNE T. HAYWARD JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
	Sine Integral		
AKADEMIIA NAUK SSSR	*Tablitsy Integralnogo sinusa i kosinusa* [*Tables of the sine and cosine integral*]	39	74
NBS Applied Mathematics Series No. 32	*Table of Sine and Cosine Integrals for Arguments from* 10 *to* 100	23	37
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
	Cosine Integral		
NBS Applied Mathematics Series No. 32	*Table of Sine and Cosine Integrals for Arguments from* 10 *to* 100	23	37
AKADEMIIA NAUK SSSR	*Tablitsy Integralnogo sinusa i kosinusa* [*Tables of the sine and cosine integral*]	39	74
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
	The Gamma Function		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	$\mathrm{Log}_{10}\,\Gamma(1+x)$		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Gamma Function for Complex Arguments		
NBS Applied Math. Series No. 34	*Table of the Gamma Function for Complex Arguments*	38	74
	Incomplete Beta Function		
E. S. PEARSON H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	The Error Integral. Tables of the Ordinate (the Integrand)		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Tables of the Error Integral		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121

Author/s	*Title*	*Review Number*	*Page*
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
E. S. Pearson, H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	The Error Integral. Ratio of Integral to Ordinate		
E. S. Pearson, H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
H. J. Gawlik	*A Table of a Function related to the Error Function*	117	222
	The Error Integral. Inverse Tables		
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121
E. S. Pearson, H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	Moments. Chi-squared Tables		
E. S. Pearson, H. O. Hartley	*Biometrika Tables for Statisticians*	95	205–211
	The Error Integral with Complex Argument		
T. Laible	"Hohenkarte des Fehlerintegrals"	E 244	136
	Legendre Polynomials and their Applications		
K. G. Tadman	*Tables of Flow Functions for Bodies of Revolution in Circular Tunnels and Jets*	53	81
	Derivatives of Legendre Polynomials and their Applications		
K. G. Tadman	*Tables of Flow Functions for Bodies of Revolution in Circular Tunnels and Jets*	53	81
	Legendre and Associated Functions of Fractional or Complex Order		
Chester Snow	"Formulas for computing capacitance and inductance"	70	133
	Bessel Functions of the First Kind: Integral Order		
L. Fox	*A Short Table for Bessel Functions of Integer Order and Large Arguments*	37	73
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
Owen R. Mock	*Table of Bessel Functions at Multiples of* $\pi/2$	118	223
	Bessel Functions of the Second Kind: Integral Order		
L. Fox	*A Short Table for Bessel Functions of Integer Order and Large Arguments*	37	73
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Modified Bessel Functions of the First Kind: Integral Order		
L. Fox	*A Short Table for Bessel Functions of Integer Order and Large Arguments*	37	73
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123

Author/s	*Title*	*Review Number*	*Page*
	Modified Bessel Functions of the Second Kind: Integral Order		
L. Fox	*A Short Table for Bessel Functions of Integer Order and Large Arguments*	37	73
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Kelvin Functions of the First Kind		
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Kelvin Functions of the Second Kind		
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Kelvin Functions: Modulus and Phase		
E. Jahnke, F. Emde	*Tables of Functions*	E 243	42
	The Airy and Allied Integrals		
M. Rothman	*Table of* $\mathrm{Bi}(+x)$ *for* $x = 0.00(0.01)2.00$ and $\mathrm{Bi}(-x)$ *for* $x = 0.00(0.01)10.00$	45	77
K. I. McKenzie, M. Rothman	*Table of* $\mathrm{Bi}'(+x)$ *for* $x = 0(0.01)2$ *and* $\mathrm{Bi}'(-x)$ *for* $x = 0(0.01)10$	69	133
	Fresnel Integrals		
Akademiia Nauk SSSR	*Tablitsy Integralov Frenelya [Tables of Fresnel Integrals]*	40	75
W. Flügge	*Four-place Tables of Transcendental Functions*	57	123
	Integrals involving Bessel Functions		
M. Rothman	*Table of the integrals of* $\mathrm{Ai}(\pm x)$ *for* $x = 0.00(0.01)2.00$ *and* $x = 0.0(0.1)10.0$	44	77
M. Rothman	*Table of the integrals of* $\mathrm{Bi}(\pm x)$ for $x = 0.00(0.01)2.00$ *and of* $\mathrm{Bi}(-x)$ *for* $x = 0.0(0.1)10.0$	46	78
Terence Butler, Karl Pohlhausen	*Tables of Definite Integrals involving Bessel Functions of the First Kind*	50	79
Ascher Opler, Nevin K. Hiester	*Tables for Predicting the Performance of Fixed Bed Ion Exchange and Similar Mass Transfer Processes*	51	79
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121
G. Eason, B. Noble, I. N. Sneddon	"On certain integrals of Lipschitz-Hankel type involving products of Bessel functions"	68	132
Albert D. Wheelon, John T. Robacker	*A Table of Integrals Involving Bessel Functions*	119	223
	Complete Elliptic Integrals of the First and Second Kinds		
Cecil Hastings, Jr., Jeanne T. Hayward, James P. Wong, Jr.	*Approximations for Digital Computers*	56	121

Author/s	*Title*	*Review Number*	*Page*
	Coefficients for Integration and Summation using Ordinates		
H. E. SALZER	"A simple method for summing certain slowly convergent series"	91	203–204
H. E. SALZER	"Equally weighted quadrature formulas over semi-infinite and infinite intervals"	92	204
	Coefficients for Integration and Summation, using Differences		
OWEN R. MOCK	*Fifty Everett Integration Coefficients*	90	203
	Curve-Fitting, etc.		
HERBERT E. SALZER	*Formulas for Calculating Fourier Coefficients*	93	204–205
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Harmonic Analysis—Sines and Cosines		
L. W. POLLAK	*Eight-place Supplement to Harmonic Analysis and Synthesis Schedules for Three to One Hundred Equidistant Values of Empiric Functions*	34	72
OWEN R. MOCK	*A Table of Sines and Cosines of* $\frac{\pi}{2}\cdot\frac{k}{256}$	79	196

TABLES FROM STATISTICS

	Tables with the Normal Deviates as Arguments		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
W. FLÜGGE	*Four-place Tables of Transcendental Functions*	57	123
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Tables with the Normal Area as Argument, including percentage points and probits		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Rankings of Normal Samples or Order-statistics, Median		
H. RUBEN	"On the moments of order statistics in samples from normal populations"	13	32
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Author/s	*Title*	*Review Number*	*Page*
	Measures of Location and Measures of Normal Dispersion other than the Standard Deviation		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
J. H. CADWELL	"The statistical treatment of mean deviation"	10	31
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
H. A. DAVID, H. O. HARTLEY, E. S. PEARSON	"The distribution of the ratio, in a single normal sample, of range to standard deviation"	105	216
A. J. DUNCAN	"The use of ranges in comparing variabilities"	107	217
MAX HALPERIN, SAMUEL W. GREENHOUSE, JEROME CORNFIELD, JULIA ZALOKAR	"Tables of percentage points for the Studentized maximum absolute deviate in normal samples"	111	219
	Tests of Normality Criteria		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Miscellanea (Normal Distribution)		
A. C. COHEN, JR., JOHN WOODWARD	"Tables of Pearson-Lee-Fisher functions of singly truncated normal distributions"	7	29
H. WEILER	"A new type of control chart limits for means, ranges, and sequential runs"	11	31
R. E. BECHHOFER	"A single-sample multiple decision procedure for ranking means of normal populations with known variances"	16	34
R. E. BECHHOFER, MILTON SOBEL	"A single-sample multiple decision procedure for ranking variances of normal populations"	17	34
C. W. DUNNETT, MILTON SOBEL	"A bivariate generalization of Student's t-distribution with tables for certain special cases"	18	34–35
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
E. S. PAGE	"Control charts for the mean of a normal population"	103	215–216
S. B. CHOWDHURY	"The most powerful unbiased critical regions and the shortest unbiased confidence intervals associated with the distribution of the classical D^2-statistic"	114	220–221
H. J. GAWLIK	*A Table of a Function Related to the Error Function*	117	222
	Area of Incomplete Γ-function		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Ordinates of χ^2-Distribution and Poisson Frequencies		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211

Author/s	*Title*	*Review Number*	*Page*
	Percentage Points of χ^2-Distribution, Percentage Points of Poisson Series		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
T. LEWIS	"99.9 and 0.1% of the χ^2-Distribution"	108	217–218
	Laguerre Series, Gram-Charlier Series B, Non-Central χ^2 Series, Fractional Degrees of Freedom		
S. H. ABDEL-ATY	"Approximate formulae for the percentage points of the non-central χ^2-Distribution"	109	218
	Cumulative Binomial Series, Tail Area of $I_x(a, b)$		
H. G. ROMIG	*50–100 Binomial Tables*	5	28
LESLIE E. SIMON, FRANK E. GRUBBS	*Tables of the Cumulative Binomial Probabilities*	36	72
	Individual Frequencies of Binomial Distribution		
H. G. ROMIG	*50–100 Binomial Tables*	5	28
RSMTC	*Table of Binomial Coefficients*	31	70
LESLIE E. SIMON, FRANK E. GRUBBS	*Tables of the Cumulative Binomial Probabilities*	36	72
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Percentage Points of $I_x(a, b)$, Confidence Belts for Binomial Distribution		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
T. E. STERNE	"Some remarks on confidence or fiducial limits"	104	216
	Tables of t-Distribution		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
J. M. SENGUPTA	"Significance level of $\Sigma x^2/(\Sigma x)^2$ based on Student's distribution"	19	35
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
MARTIN WEIBULL	"The distribution of t- and F-statistics and of correlation and regression coefficients in stratified samples from normal populations with different means"	106	217
	Tables of F-Distribution and Multivariate Variance Tests		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26

Author/s	*Title*	*Review Number*	*Page*
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
MARTIN WEIBULL	"The distribution of t- and F-statistics and of correlation and regression coefficients in stratified samples from normal populations with different means"	106	217
	Hypergeometric Series		
H. G. ROMIG	*50–100 Binomial Tables*	5	28
	Miscellaneous Discrete Distributions		
S. H. ABDEL-ATY	"Tables of generalized k-statistics"	9	30
J. C. SPITZ	"Matching in psychology"	20	35–36
J. W. WHITFIELD	"The distribution of the difference in total rank value for two particular objects in m rankings of n objects"	21	36
WM. R. THOMPSON	*Tables of the Four Variable N- and* Psi-*Functions*	22	36
	Distribution of Ordinary Correlations		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
MARTIN WEIBULL	"The distribution of t- and F-statistics and of correlation and regression coefficients in stratified samples from normal populations with different means"	106	217
	Fisher's r to z and z to r Transformations		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Rank Correlation and Associated Criteria		
J. W. WHITFIELD	"The distribution of the difference in total rank value for two particular objects in m rankings of n objects"	21	36
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Rankings, Gaps, etc., for Rectangular and other Non-Normal Distributions		
H. A. DAVID	"The distribution of the range in certain non-normal populations"	116	222
	Order Statistics from any Continuous Parent		
H. O. HARTLEY, H. A. DAVID	"Universal bounds for mean range and extreme observation"	15	33
F. W. DAVID, N. L. JOHNSON	"Statistical treatment of censored data. Part I. Fundamental formulae"	96	211–212

Author/s	*Title*	*Review Number*	*Page*
BENJAMIN EPSTEIN	"Tables for the distribution of the number of the exceedances"	99	213
J. H. CADWELL	"The probability integral of range for samples from a symmetrical unimodal population"	112	219
	Non-Parametric Two Sample and Analysis of Variance Randomization Tests		
S. ROSENBAUM	"Tables for a nonparametric test of location"	12	32
C. K. TSAO	"An extension of Massey's distribution of the maximum deviation between two-sample cumulative step functions"	100	213–214
	Runs		
P. V. K. IYER, A. S. P. RAO	"Theory of the probability distribution of runs in a sequence of observations"	8	30
	Other Non-Parametric Tests		
T. J. TERPSTRA	"The exact probability distribution of the T statistic for testing against trend and its normal approximation"	14	33
F. G. FOSTER, A. STUART	"Distribution-free tests in time-series based on the breaking of records"	97	212
H. E. DANIELS	"A distribution-free test for regression parameters"	98	213
YOSHIHIKO HIRAGO, HIDENORI MORIMURA, HISAO WATANABE	"Tables for three-sample test"	101	214
W. J. DIXON	"Power under normality of several nonparametric tests"	102	214–215
	Formulas and Tables of Pearson Type Frequency Distributions		
E. S. PEARSON, H. O. HARTLEY	*Biometrika Tables for Statisticians*	95	205–211
	Tables of Miscellaneous Continuous Distributions		
J. CLUNIE	"On Bose-Einstein functions"	26	38–39
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121–123
A. M. FREUDENTHAL, E. J. GUMBEL	"Minimum life in fatigue"	110	218–219
S. R. BROADBENT	"The quotient of a rectangular or triangular and a general variate"	113	220
	Distribution of Means from Non-Normal Parents		
D. R. COX	"The mean and coefficient of variation of range in small samples from non-normal populations"	115	221–222
	Angular Transformations		
W. L. STEVENS	"Tables of the angular transformation"	6	28

Author/s	*Title*	*Review Number*	*Page*
	Random Numbers		
D. V. LINDLEY, J. C. P. MILLER	*Cambridge Elementary Statistical Tables*	4	26–27
	Random Deviates from Mechanical Devices. Quasi-random Numbers		
K. D. TOCHER	"The application of automatic computers to sampling experiments"	67	132
	Random Normal Deviates		
K. D. TOCHER	"The application of automatic computers to sampling experiments"	67	132

TABLES FROM PHYSICAL SCIENCES

NOTE: Many tables whose calculation was directly instigated by research in physics are purely mathematical in nature and these are classified under Analysis or another appropriate heading.

	Mechanics of Solids		
JAMES G. BERRY	*Tables of some Functions Related to the Legendre Functions $P_n^{-m}(x)$ and $Q_n(x)$ when n is a complex number*	27	39
	Fluid Mechanics		
AERONAUTICAL RESEARCH COUNCIL	*A Selection of Graphs for Use in Calculations of Compressible Airflow*	52	80–81
K. G. TADMAN	*Tables of Flow Functions for Bodies of Revolution in Circular Tunnels and Jets*	53	81
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121
	Exchanges, Reaction Kinetics, Reaction Rates, etc.		
ASCHER OPLER, NEVIN K. HIESTER	*Tables for Predicting the Performance of Fixed Bed Ion Exchange and Similar Mass Transfer Processes*	51	79
	Electricity and Magnetism		
CHESTER SNOW	"Formulas for computing capacitance and inductance"	70	133
	Atomic Physics		
MILTON ABRAMOWITZ, PHILIP RABINOWITZ	"Evaluation of Coulomb wave functions along the transition line"	25	38
	Nuclear Physics and Scattering (Including Photon Scattering and Compton Effect)		
ANN T. NELMS	"Graphs of the Compton energy-angle relationship and the Klein-Nishina formula from 10 Kev to 500 Mev"	30	40

Author/s	*Title*	*Review Number*	*Page*
H. GELLMAN, JEAN TUCKER	"Tables of the functions $D_0(x)$ and $D_i(x)$"	42	76
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121–123
	Cosmic Rays		
A. J. W. DUIJVESTIJN, J. BERGHUIS	"The Computation and the Expansion of some triple integrals originating from the theory of cosmic rays"	120	223–224
	Statistical Mechanics—Classical and Quantum		
J. CLUNIE	"On Bose-Einstein functions"	26	38

AUTOMATIC COMPUTATION

	Conferences and Symposia on Computing Machines or Calculation		
ARVID W. JACOBSON, Editor	*Proceedings of the First Conference on Training Personnel for the Computing Machine Field*	54	81
ALBERT H. RUBENSTEIN, Editor	*Coordination, Control, and Financing of Industrial Research*	77	136
F. E. GRUBBS, F. J. MURRAY, J. J. STOKER	*Transactions of the Symposium on Computing, Mechanics, Statistics, and Partial Difference Equations*	88	200–202
	Approximations of Functions for Machine Use		
CECIL HASTINGS, JR., JEANNE T. HAYWARD, JAMES P. WONG, JR.	*Approximations for Digital Computers*	56	121–123
	Applications to Statistical Problems		
K. D. TOCHER	"The application of automatic computers to sampling experiments"	67	132
	Logic of Coding		
T. PEARCEY, G. W. HILL, R. D. RYAN	"The effect of interpretive techniques on functional design of computers"	72	134–135
R. J. KÖNIG	*Introduction to FLAC Coding*	73	135
LOS ALAMOS SCIENTIFIC LABORATORY	*Los Alamos Scientific Laboratory, MANIAC*	74	135
NATIONAL BUREAU OF STANDARDS	*Manual of the SWAC Computing System*	75	135–136
	Interpretive Routines—Automatic Coding		
T. PEARCEY, G. W. HILL, R. D. RYAN	"The effect of interpretive techniques on functional design of computers"	72	134–135

Author/s	*Title*	*Review Number*	*Page*
Los Alamos Scientific Laboratory	*Los Alamos Scientific Laboratory, MANIAC*	74	135
Programming Research Group, Applied Science Division, International Business Machines Corp.	"Specifications for the IBM mathematical FORmula TRANslating system, FORTRAN"	76	136
	Machine Descriptions—Punched Card		
Václav Hruska (editor)	*Československá Akad. Věd. Laboratoř matematických strojů. Matematické Stroje (Mathematical Machines)*	71	133–134
	Machine Descriptions—Electronic		
Václav Hruska (editor)	*Československá Akad. Věd. Laboratoř matematických strojů. Matematické Stroje (Mathematical Machines)*	71	133–134
R. J. König	*Introduction to FLAC Coding*	73	135
Los Alamos Scientific Laboratory	*Los Alamos Scientific Laboratory MANIAC*	74	135
National Bureau of Standards	*Manual of the SWAC Computing System*	75	135–136
	Machine Programs and Codes for Specific Problems		
Václav Hruska (editor)	*Československá Akad. Věd. Laboratoř matematických strojů. Matematické Stroje (Mathematical Machines)*	71	133–134
Los Alamos Scientific Laboratory	*Los Alamos Scientific Laboratory, MANIAC*	74	135
	Machine Design—Generalities		
Václav Hruska (editor)	*Československá Akad. Věd. Laboratoř matematických strojů. Matematické Stroje (Mathematical Machines)*	71	133–134

TABLE ERRATA

No.	*Author*	*Title*	*Page*
242	R. S. Burington	*Handbook of Mathematical Tables and Formulas*	41
243	E. Jahnke & F. Emde	*Tables of Functions*	42
244	T. Laible	"Hohenkarte des Fehlerintegrals"	136
245	E. Jahnke & F. Emde	*Tables of Functions*	224
246	Robert E. Greenwood	"Coupon Collector's Test for Random Digits"	224
		Also see the following reviews:	
55	Horace S. Uhler	"*Hamartiexéresis* as applied to tables involving logarithms"	121
59	I. M. Vinogradov	*Elements of Number Theory*	125
80	E. Lehmer	"On the cyclotomic numbers of order sixteen"	196–197
81	Francis L. Miksa	"A table of integral solutions of $a^2 + b^2 + c^2 = r^2$"	197
89	E. W. Dijkstra & A. Van Wijngaarden	*Table of Everett's Interpolation Coefficients*	202–203

NOTES

QUERIES AND REPLIES

CORRIGENDA