A Complete Bibliography of Publications in *Mathematical Tables and Other Aids to Computation*, 1950–1959

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

02 January 2024
Version 2.27

Title word cross-reference

$(-\epsilon/T)$ [CFH58]. $(1+x^2)^{1/2}$ [Ano57h]. **$0.20.** [Goo57b]. **$1.00** [Mel57]. **$1.35** [Hen57a]. **$10.00** [Dav57]. **$12.50** [Hen57b]. 15 [BMSW54, HS55]. 16 [BMSW54, Lin57]. 2,000 [MRvN50]. **$2.00** [T.57e]. 25 [Sus59]. 25×34 [Tom57]. 27×48 [Wil57b]. $2^{1/3}$ [vNT55]. $2^n \pm 1$ [Rob57]. $2\ln(1+x^2)$ [Ano57h]. **$5.00** [T.57b]. **$5.86** [Gre57b]. **$6.50** [F.57, F.57]. **$7** [F.57]. **$8.00** [T.57a]. 812×11 [Hol57b]. 81×11 [Wil57b]. $9n$ [Por56]. $\arcsin z$ [Ano57d]. $arc\tan Z$ [Luk57]. arctg [Ano57h]. $AX^2 - I = 0$ [Laa58]. d^2 [GM51]. $\ddot{x} = f(x, y, z, t)$ [Her51]. e [MRvN50, Rei50a]. e^z [Ive53]. $e_m(S_n)$ [Wyn56]. $\mathrm{Ei}(x)$ [Har57a]. $\int_0^\infty e^{-x} J_0\left(\eta x\xi\right) J_1\left(x\xi\right) x^{-n} dx$ [Wee59]. $\int_0^\infty e^{-x} x^n f(x) dx$ [RW59]. $\int_x^\infty J_0(t) t^{-n} dt$ [Lon59]. $\int_x^\infty J_1(t) t^{-n} dt$ [Lon59]. $\ln\Gamma[z]$ [Ano57f]. $\ln x$ [Ano57h]. $\log Z$ [Luk57]. $n^2 + 1$ [Sha59b]. π [MRvN50, NJ55, Rei50a]. $\psi(\theta) = \sum_{n=1}^{\infty} \sin n\theta n^2$ [AS56]. s [Tha57]. $\wp$ [Sou57, T.57f]. $x/1 - x^2$ [GCN59]. x^2 [GCN59]. $x^3 + y^3 + z^3 = 1$ [New57a].

. [Dia57]. **.C** [Boo54].

1-3 [New57c]. **160** [New57c]. **163** [T.57g]. **1867-corrected** [Hen57b]. **1953.** [Ano57f]. **1957** [Ano57e].

233-250 [New57c]. **247** [Ano57d]. **280** [New57a]. **298** [New57b].

454 [T57d]. **485** [Coh57].

50th [Gau94]. **55** [Ewa57b]. **59-72** [New57c].

617 [Ewa57a]. **650** [Wag57].

701 [Joh56]. **709** [Wal58].

A. [Ano57f, F.57, T.57c]. **A.E.C.L** [Mel57]. **A.P.E**

[Boo54]. **Abh** [T.57h]. **Abramov** [Ano57f]. **Abschatzungen** [New57c]. **Abscissas** [RW59]. **Access** [Per52]. **Accuracy** [Kun56, Lot51, Sal51c, SF59, Ste53, Was58]. **Accurate** [Lon57]. **Acht** [Ano57d]. **Acht-** [Ano57d]. **Acta** [New57b]. **Adams** [ZS59]. **Addendum** [BY53]. **Addition** [Mon50]. **Adjoint** [Laa59]. **Advanced** [Est53]. **Adventures** [BGW52]. **Aids** [AL51, Gep52, MW51, Max54, Mon50, SR53]. **Airy** [RB59]. **Aitken** [Twe54]. **Akad** [Ano57f, Rho57, T.57h]. **Akademiia** [Ano57h, Ano57g]. **Alan** [Tau56]. **Albert** [Hen57a]. **Algebraic** [Cur54, Gep52, Lin57, Mul56, Pos55, She58, de 53]. **Algebraic-Hyperbolic** [Lin57]. **Algorithm** [Sha54]. **All-Purpose** [D. 53]. **Alternating** [CD58]. **Analog** [Max54, Neu59]. **Analogue** [SR53]. **Analogues** [PN58]. **Analyser** [Atk55]. **Analysis** [Ano50h, BWW54, CO51, Fox51, FM51, Goo57b, HMW55, Hus50, Tau50]. **Analyst** [For53]. **Analytic** [DR54, Gau59]. **Analyzer** [Don52, Kor52, Spr52]. **angew** [New57c]. **Annals** [Ano57d]. **Anniversary** [Gau94]. **Anwendungen** [New57c]. **Application** [Men57a]. **Applications** [Fle56a]. **Applied** [Goo57b, T.57e]. **Appreciation** [Gib50]. **Approximate** [Mor58, de 53]. **Approximating** [HH55, MW59, Boo55]. **Approximation** [Gro54, Har57b, Hol57a, Sou57, T.57f]. **Approximations** [BD59, Cle54, Hit57, She58, Was58]. **Arbitrary** [Gre55a]. **Archibald** [Ben50]. **Argument** [Sal51b, Sou57, T.57f]. **Arguments** [FM51, GT58, Kun56]. **Arising** [Luk56, Sal55, Wor55]. **Army** [Dia57]. **Arsham** [Dia57]. **Associated** [Sus59]. **Asynchronous** [Lub52]. **Atomic** [Mel57, Ski59]. **August** [Gau94]. **Australia** [Pea52]. **Automatic** [Ano50h, BGW52, BW53, Cah54, CO51, Dav57, Fox51, Har50, Lub52, MDL50, MS51, Mul56, Pea52, Per52, Sti50, Tod50, Wag57, WR50, Ano51f, Boo54, Coh50, Cou50, Don52, Ele50, Est53, FM51, Gar54, Gre53b, Hum54, Hus50, T.51, KN51, MDL50, Pea52, Spr52, Ste51, Sto53, Wal53].

B [Est57, T57d, Ano57d]. **Back** [Ano53a]. **BARK** [KN51]. **Based** [F.57, Men57b]. **Bateman** [F.57, Hen57a]. **Battin** [Dav57]. **Bayer** [T.57h]. **Be** [Sti50, SZF57]. **beispielweise** [Ewa57b]. **Belford** [Hol57b]. **Belgique** [T.57b]. **Bennett** [Hen57a]. **benötigt** [Ewa57b]. **Ber** [New57c]. **Bessel** [GT58, GT59, Hit57, Lon57, Luk59, SK58, SA57]. **Between** [Mor58]. **Bi** [Coh58]. **Bi-Quadratic** [Coh58]. **Bibliography** [Ano50a, Ano50b, Ano51a, Ano53b, Ano53c, Ano53d, Ano54a, Ano54b]. **Bierens** [Hen57b]. **Biharmonic** [CD58]. **Binary** [Har50]. **binders** [Hol57b]. **Bivariate** [Gau59, Sou56]. **Blaise** [Cou50]. **Blunder** [BGW52]. **Body** [GRS53]. **Book** [Dav57, Hen59, T.57c]. **Books** [Ano55d]. **Boolean** [Pos55]. **Boundaries** [Vis57]. **Boundary** [GL56, Hen59, Mit59]. **Bounds** [de 53]. **British** [Est57, Gau94]. **Bureau** [Tom57].

C [Dia57, Goo57b, Sch54, T57d, T.57e]. **Calcul** [T.57b]. **calculated** [MRvN50]. **Calculating** [LaF54, Sal51a, SS59]. **Calculation** [Fet55, GT59, MS51, MH58, Opl51, Pol59, SR53, SF59]. **Calculations** [Arc50]. **Calculator** [F. 50, Har50, MS51, Wag54, WR50]. **California** [Abb51, Mor51]. **Canada** [Mel57]. **Canonical** [Hea57]. **capacity** [CD53]. **Card** [Gar54, GS52, MS51, Opl51, Wag54]. **Card-Programmed** [Wag54]. **Cards** [BY51, BY53]. **Carlo** [DR56, Edm53, FL50, Opl51]. **Cartesian** [T.57g, Ano57h]. **Case** [Rei50b, Sou57, T.57f]. **Cauchy** [Lon58]. **Cauer** [T.57h]. **Cauer-Parameter** [T.57h]. **Central** [Sal59]. **century** [Gau94]. **Certain** [Bol57, Fet55, GS52, Lon57, Mor56, Sch59, SS59, WW57]. **Chalk** [Mel57]. **Characteristic** [SB53]. **Characteristics** [Ele50, Hus50]. **Characters** [BMSW54]. **Chebyshev** [Dia57, Chi56, Cle55, Dia57, MW59]. **Checking** [Mil50]. **Chem** [T57d]. **Chemie** [Ewa57b]. **chisel** [Ano57h]. **Christoffel** [Rei50b]. **Circle** [Gre53b]. **Clare** [Ben50]. **Class** [Coh58]. **cm** [Dav57, F.57, Goo57b, Gre57b, Hen57a, Hen57b, Mel57, Rho57, T.57c, T.57a, T.57b, T.57e, Tom57, Mel57]. **cm.** [Tom57]. **Co** [Dav57, Hen57b]. **Codes** [HMW55]. **Coding** [Ano53b, Ano54a]. **Coefficient** [Doy57]. **Coefficients**

[Bla52, CFH58, Dia57, SS59, T.57e, T.57g]. **Collector** [Gre55b]. **Columbia** [Gau94]. **Comment** [Coh57, Dav57, Est57, Ewa57a, Ewa57b, F.57, Goo57b, Gre57b, Hen57a, Hen57b, Hol57b, Mel57, New57a, New57b, New57c, Rho57, T.57h, T57d, T.57f, T.57a, T.57b, T.57e, T.57g, Tom57, Wil57b]. **Comments** [NJ55]. **Complete** [MDL50]. **Complex** [Ano57f, Atk55, Der59, Men57a, Sal51a, Ano57h, T.57g]. **Compressible** [Ber55]. **Computation** [Ano57d, Coh58, Luk57, LWF72, Men57a, NJ55, SZF57, Spr52, Tom57, CD53, Gau94, AL51, Gep52, MW51, Max54, Mon50, SR53]. **computational** [Gau94]. **Computations** [Fro58b, Gar54]. **Computer** [Abb51, Est53, Est57, Gre53b, Hus50, KN51, MDL50, Mor51, Mul56, Neu59, Pea52, Wal53, Wol52, Sto53]. **Computers** [D. 53, Lub52, Max54, Mul58, SA57, Sti50, T57d]. **Computing** [Abb51, Ano50h, Ano51f, BR53, Boo54, BGW52, BW53, Cah54, CO51, Coh50, Cou50, DR56, Don52, Ele50, Est53, Fox51, FM51, Gar54, Gre53a, Gre53b, Har50, Hea57, Hum54, Hus50, T.51, KN51, Lub52, MDL50, MS51, Mor56, Neu59, Pea52, Per52, Rho57, Spr52, Ste51, Sti50, Sto53, Tei52, Tod50, Wal53, WW57, Wyn56]. **Concepts** [Spr52]. **Concerning** [Arc50, KR59, Goo55]. **Condition** [FM52, Tau50]. **Conditioned** [Ril55]. **Conditions** [DF53, Mit59]. **Cones** [HMS56]. **Configurations** [Coh56]. **Confluent** [Luk59, Mil57]. **Conjecture** [KR59, vNG53]. **Conjectures** [Goo55]. **Conjugate** [Cur54]. **Considerations** [F. 50]. **Constant** [Bla52]. **Constants** [Fis57]. **Continued** [Tei52, vNT55]. **Control** [Dav57, Dav57]. **Convention** [Est57]. **Convergence** [Fra50]. **Conversion** [Har50, Mel57, Sod53]. **Convex** [GJ59]. **Convolution** [Mir59]. **coordinates** [Ano57h]. **copies** [Hol57b]. **Corps** [Dia57]. **corrected** [Hen57b]. **Corrector** [Her51]. **Correlations** [Hea57]. **Corrigenda** [Ano50c, Ano50d, Ano50e, Ano50f, Ano51b, Ano51c, Ano51d, Ano51e, Ano52a, Ano52b, Ano52c, Ano53e, Ano53f, Ano53g, Ano53h, Ano54c, Ano54d, Ano55a, Ano55b, Ano55c, Ano56a, Ano56b, Ano56c, Ano57d, Ano57a, Ano57b, Ano57c, Ano58, Ano59a, Ano59b]. **Corrigendum** [Ano54e, Ano54f]. **Couffignal** [Gre57b]. **Coupon** [Gre55b]. **Crank** [T.57a]. **Critical** [Mit59]. **cube** [CD53]. **Cumulative** [LWF72]. **Curve** [Hol57a]. **Curved** [Vis57]. **Cyclic** [Ost53].

D [Dia57, Goo57b, T.57e]. **D.** [Hen57b, New57a, New57b]. **Decimal** [Har50, MS51, Rei50a, MRvN50]. **Define** [CFH58]. **Définies** [Hen57b]. **Definite** [Doy57, Fet55, Har57b, Ril55, Rit50, Wag54]. **Degree** [BMSW54]. **Degrees** [War57]. **dekartovykh** [Ano57h]. **Delay** [WR50]. **Density** [Lee58]. **Department** [Dia57]. **deposited** [Hol57b, Wil57b]. **d'Équations** [Gre57b]. **Derivative** [Sal51b]. **Derivatives** [CFH58, Ho55]. **Descriptions** [Ano55d]. **Desiatiéna** [Ano57h]. **Desk** [Har50]. **Determinants** [Por56]. **Determination** [Ber55, HS55, Laa59, MW59, Rei50a]. **Development** [Boo54]. **Developments** [Ano51f, Boo54, Coh50, Cou50, Don52, Est53, Gar54, Gre53b, Hum54, Hus50, KN51, MDL50, Pea52, Spr52, Ste51, Sto53, Wal53]. **Deviates** [Mul58, Tom56]. **Device** [Ost58, Wyn56]. **Devices** [BR53]. **Diagonalization** [Fro58a]. **Diamond** [Dia57]. **Difference** [Fox53, Kor52, Mit59, Ost52, Pol59, Ril54, She55, Was58]. **Differences** [Bla54a, Bla54b, Ho55, Kun56, Mil50, SK58, Sou56]. **Differentiable** [MW59]. **Differential** [Atk55, Bla52, Cam57, CO51, Don52, DF53, F. 50, FGT57, Fra50, HH55, Hen57a, Hen59, Kor52, Laa59, Spr52, Ste53, SM58, Tod50, Wil57a, Wil58, Wor55]. **Differentiating** [AL51]. **Differentiation** [SK58]. **Diffusion** [Wor55, T.57a]. **Digital** [Abb51, Coh50, Don52, Est57, Lub52, Mor51, Spr52, Wal53, T57d]. **Digits** [Gre55b, Tom56, Gru50, GM51, MRvN50]. **Dimensional** [BMv$^+$59]. **Dimensions** [Tha57]. **d'Intégrales** [Hen57b]. **diophantine** [New57a]. **Direction** [CD58]. **Dirichlet** [Ril54]. **discriminant** [Coh57]. **Discussions** [Ano50h, BGW52, BW53, Cah54, CO51, Fox51, Har50, Lub52, MS51, Per52, Sti50, Tod50]. **Disposition** [Str57]. **Distribution** [Coo57, Har57b, Sal59, Sha59a]. **Divided** [Bla54a, Bla54b, Kun56]. **doppelperiodische**

[New57c]. **Double** [Ho55]. **Dover** [Hen57a]. **Drum** [Coh50]. **Dynamic** [BD59].

E. [T.57g]. **Earth** [Tom57]. **Eastern** [MDL50]. **edition** [Hen57b]. **Editorial** [T.51]. **EDSAC** [BW53, WR50]. **Effect** [Tom57]. **Efficient** [Ski59]. **Eigensolutions** [Laa59]. **Eigenvalues** [Gre53a, Neu59]. **Eigenvectors** [Gre53a, Neu59]. **Eight** [Ano57d, HSW56]. **Electrical** [Est57]. **Electron** [Mel57]. **Electronic** [Atk55, Est53, MS51, Rho57, WR50]. **Electrons** [Coh56]. **Elektronnye** [Rho57]. **Elementary** [Cle54]. **Elliptic** [She55]. **Elliptical** [Ano57d]. **elliptischen** [Ano57d]. **Emersleben** [Ewa57a, Ewa57b, New57c]. **Energy** [Mel57]. **Eng** [T57d]. **Engineering** [Dav57]. **Engineers** [Est57, Est57]. **ENIAC** [MRvN50, Rei50a]. **Enumeration** [Isb59]. **Epsteinsche** [New57c]. **Epsteinscher** [New57c]. **Equally** [Sal57]. **Equally-Weighted** [Sal57]. **Equation** [BLS57, CD58, Kor52, Laa58, Mil57, SB53, She58, Ski59, Vis57, Was58, Wor55, New57a, Hol57b]. **Equations** [BR53, Ber55, Bla52, Cam57, CO51, Cur54, DF53, F. 50, FGT57, FM52, Fox53, Fra50, Goo57a, GS52, HH55, Laa59, MW51, Men57b, Mul56, Pos55, Ril55, She55, Sny55, Ste53, SM58, Tod50, Wil57a, Wil58, de 53, Hen57a, Hen59]. **Equianharmonic** [Sou57, T.57f]. **Equipped** [Gar54]. **Erd'elyi** [F.57]. **Ernst** [T.57h]. **Errata** [Ano53i, Ano54g, Ano57f, Ano57h, Ano57g, Dia57]. **Error** [F. 50, Sal51a, ZS59, de 53]. **Errors** [DR54]. **Especially** [Gar54]. **Estimates** [Hoc58]. **Estimation** [DR54, Gar56]. **Evaluating** [Fle56b]. **Evaluation** [Bol57, Der59, Gre57a, HW57, HS58, Lon57, Lon58, Luk56, Mir59, Pos55, RW59, Sal55]. **Events** [Edm53]. **Everett** [Chi56, Sou56]. **Excitation** [Pol59]. **Expansion** [Fle56a, Luk59, Ste51, vNT55]. **Expansions** [SR53]. **Experiments** [DR56, Hoc58]. **Explicit** [Sus59]. **Exponent** [Por56]. **Exponential** [BM52a, BM52b, CFH58, FM51, Har57a, MH58]. **Extension** [FM52, SK58]. **Extrapolation** [ZS59].

F [F.57]. **F.** [T57d]. **Factor** [Gar56]. **Factoring** [Sha59b]. **Factorizations** [Rob57]. **Factors** [Sel53]. **Fairchild** [Sto53]. **Fedorova** [T.57c]. **Fermat** [Fro58b, Sel53]. **Ferut** [Hum54]. **Field** [Der59]. **fields** [Coh57]. **Fifteen** [For53]. **Fifteen-Foot** [For53]. **Figure** [Mel57]. **File** [Wil57b]. **file.** [Hol57b]. **Finding** [Atk55, Gre55a, SB53, Sal51b, Wil55]. **Finite** [Fox53, Ho55, Mit59, Pol59, Smi59]. **Finite-Difference** [Fox53]. **First** [Wil57a, Wil58, MRvN50]. **Five** [Ano57d, Mel57]. **Flames** [Wor55]. **Floating** [BW53, MS51]. **Flow** [Was58]. **Fluids** [Ber55]. **Flüssigkeiten** [New57c]. **Foot** [For53]. **Form** [DOH54, Doy57, MH57, RW59, Rob57, Sha59b]. **Formula** [Chi56, Fet55, Har57b, Rei50b, Sou56, Wil57a, Wil58]. **Formulae** [Coo57, Ho55, Sus59]. **Formulas** [Fie58, GCN59, Kun56, Sal51a, Sal51b, Sal56, Sal57, Str57, Tha57]. **Fourier** [HZ56, HPZ59]. **Fourth** [Sou56]. **Fox** [Hen59]. **Fr.b** [T.57b]. **Fraction** [vNT55]. **Fractions** [Tei52]. **Free** [BWW54]. **Freedom** [War57]. **Frenelia** [Ano57g]. **Fresnel** [Ano57g]. **Function** [Ano57d, AS56, Gre57a, GJ59, Har57b, Luk59, MW59, Sal51a, Sal51b, Sou57, T.57f, New57b]. **Functional** [BD59]. **Functions** [Ano57d, Cle54, DR54, Fle56a, Gau59, GT58, GT59, GCN59, Hit57, LaF54, Lon57, Luk59, Mor56, RB59, Sal59, Sal51c, SF59, SA57, Sus59, WW57, Ano57h, Boo55, Tom57, F.57]. **Fundamental** [Ber55, Spr52]. **Fünfstellige** [Ano57d]. **Funktionen** [Ano57d]. **funktsiı** [Ano57h]. **Future** [Goo57b].

G [F.57]. **G.** [Hol57b]. **Games** [Isb59]. **Gamma** [SF59]. **Gauss** [FM52, Leh56, Mel57, Ost58]. **Gauss-Cm** [Mel57]. **Gaussian** [RB59]. **Gauthier** [Gre57b]. **Gauthier-Villars** [Gre57b]. **Gebelein** [Ano57d]. **Gellman** [Mel57]. **Genauigkeit** [Ewa57b]. **General** [Dia57, KN51, Mil57]. **Générale** [T.57b]. **Géneralisiées** [T.57b]. **Generalization** [Cur54, Smi57]. **Generalized** [Smi59]. **Generating** [Joh56]. **Generation** [Mul58, SA57]. **Given** [Sal51b]. **Glowatzki** [T.57h]. **Godwin** [Coh57]. **Gov** [Goo57b]. **Govt** [T.57e]. **Gradient** [Vis57]. **Gradients** [Cur54]. **Graphic** [MW51]. **Graphical** [Mir59]. **Greifswald** [Ewa57a]. **grid** [T.57g]. **Grids** [Wil57b]. **Group** [PN58]. **Groups**

[BMSW54, Lee58]. **Guide** [BY51, BY53, T.57c].

H [Ano57d, Dav57, F.57, Mel57, New57a, New57b, T57d, T.57f]. **Haan** [Hen57b]. **Hafner** [Hen57b]. **Halcomb** [Dav57]. **half** [Gau94]. **half-century** [Gau94]. **Harry** [Hen57a]. **Harvard** [Ano57d]. **Having** [Lee58]. **Heat** [Was58]. **Hermitian** [Fro58a]. **Heuristic** [PU59]. **High** [BR53, Kun56, Sal51c, SF59, SA57, Tei52, VR51]. **Higher** [F.57]. **Hilbert** [Smi59]. **Hill** [Dav57, F.57, Hol57b, BLS57]. **Hollander** [T57d]. **Hulls** [Pol59]. **Hydrodynamical** [BMv$^+$59]. **Hydrodynamics** [PU59]. **Hyperbolic** [Lin57]. **Hypergeometric** [Cah54, Luk59, Mil57].

IBM [Joh56, MS51, Wag57, Wal58]. **II** [Bla54b, BM52b, HS58, HPZ59, Tau50, Wil58]. **iii** [Gre57b]. **Ill** [Ril55]. **Ill-Conditioned** [Ril55]. **ILLIAC** [Gre53a, Sny55]. **Implicit** [Was58]. **Improvement** [Sny55]. **Improving** [FM52]. **inches** [Wil57b]. **Incorporation** [MDL50]. **Indeterminacy** [Cam57]. **Index** [LWF72]. **Infinite** [Bol57, Lon57]. **Influence** [Mit59]. **Information** [Ano53m, Arc50, Coh50, Rho57]. **Informatksi** [Rho57]. **ington** [T.57e]. **Input** [Hum54]. **Institut** [Ano57h, Ano57g, Cou50]. **Institute** [Est53, Hus50]. **Institution** [Est57]. **Integral** [FM51, Goo57a, GS52, Har57a, Luk56, MH58, Mir59, Rit50]. **Intégrales** [T.57b]. **Integralov** [Ano57g]. **Integrals** [Ano57g, Bol57, Dal54, DR56, Fet55, HW57, HS58, Har57b, HZ56, HPZ59, Lin57, Lon57, Lon58, Mor58, RW59, RB59, Sal57]. **Integrating** [Cam57]. **Integration** [Bar59, BM52a, BM52b, Fis57, GL56, GCN59, HMS56, HS56, Hen57a, Her51, Luk56, Pei57, SZF57, SM58, Str57, Wee59, Wil57a, Wil58]. **Interfaces** [She58]. **Interpolating** [Sal59]. **Interpolation** [Chi56, Gau59, Ho55, Ost52, Sou56, Twe54, T.57g, T.57e]. **Interval** [Sad50]. **Intervals** [Fox53]. **Inverse** [DOH54, LaF54, Mor56, Mul58, Sal55, WW57]. **Inverses** [Sal51c, Smi59, Wil57b]. **Inversion** [BR53, Doy57, Edm53, FL50, Sal57, Sch59, Was52]. **Inverting** [MH57, Wag54]. **Investigate** [Dij57]. **Involving** [Bla52, Lon57, RB59]. **Irregular** [Por56]. **Isaac** [Arc50]. **Isabelle** [Dia57]. **issue** [T.57f]. **Iteration** [Ost53, Ost58, Ril54]. **Iterative** [Fle56a, Fle56b, Fra50, Laa58, Men57b, Twe54, Wil55]. **iv** [Goo57b]. **ix** [Dav57, T.57e].

J [Hol57b, T.57g]. **J.** [Coh57, Dav57, Mel57, T.57a]. **Jackson** [Hol57b]. **Jn** [Coh57, New57a]. **John** [Ano57e]. **Jr** [Dav57, Wil57b]. **July** [Mel57]. **Jury** [War57].

Kind [Sus59]. **Kinetic** [Mel57]. **Kl** [T.57h]. **know** [T57d]. **Kompleknoı** [Ano57f]. **kompleksnykh** [Ano57h]. **konstante** [Ewa57b]. **Konstanten** [Ewa57a]. **koordinat** [Ano57h]. **kopeks** [Rho57]. **Kristalls** [Ewa57b]. **Kummer** [vNG53]. **Kutta** [Lot51].

L [Hen59, Hol57b, Mel57, Wil57b]. **L.** [Gre57b]. **Laboratories** [Dia57]. **Laboratory** [Ano57d]. **Laethem** [T.57b]. **Lagrangian** [T.57e]. **Laning** [Dav57]. **Laplace** [Sal55, She58]. **Laplacian** [Wil57b]. **Large** [FM51, Fox53, GT58, MH57, Mul58]. **Large-Scale** [Mul58]. **Laslett** [Hol57b]. **Latent** [Wil55]. **leaves** [Wil57b]. **Lebedev** [Rho57, T.57c]. **left** [F.57]. **Legendre** [Sus59]. **Lehmer** [New57a, New57b]. **Lemma** [Wag57]. **Life** [Arc50]. **Like** [Gro54]. **Limit** [Sal59]. **Lindow** [SK58]. **line** [Ano57d]. **Linéaires** [Gre57b]. **Linear** [BR53, Cur54, Dia57, FM52, Gau59, Gep52, MW51, Men57b, Ost52, Ril55, Sny55, SS59, Twe54, de 53]. **Liouville** [FGT57]. **Location** [Leh56]. **logarifmov** [Ano57h]. **Logarithm** [Sha54]. **Logarithmic** [Luk56, Mon50]. **logarithms** [Ano57h]. **Logical** [Abb51, BWW54]. **London** [Coh57, Est57, F.57, New57a]. **Lotkin** [Ano57d]. **Louvain** [T.57b]. **Ltd** [Mel57].

M [Ano57d, T.57c]. **Machine** [AL51, BWW54, Cou50, Gar54]. **Machinery** [Ano50h, BGW52, BW53, Cah54, CO51, Fox51, Har50, Lub52, MS51, Per52, Sti50, Tod50, Ano51f, Boo54, Coh50, Cou50, Don52, Ele50, Est53, FM51, Gar54, Gre53b, Hum54, Hus50, T.51, KN51, MDL50, Pea52, Spr52, Ste51, Sto53, Wal53]. **Machines** [Opl51, Rho57]. **Madelung** [Ewa57a, Ewa57b]. **Madelung-konstante**

[Ewa57b]. **Magnetic** [Coh50]. **Magnus** [F.57]. **Mahalanobis** [Sch54]. **Majority** [Isb59]. **Making** [FM51]. **man** [Ewa57b]. **MANIAC** [HMW55]. **Many** [War57]. **Marcel** [T.57b]. **Mark** [Ano57d]. **Mashiny** [Rho57]. **Matematicheskie** [Ano57h, Ano57g]. **Matematicheskim** [T.57c]. **Math** [Coh57, Ewa57a, New57a, New57c, T.57h, T.57g]. **Math.-Nat** [T.57h]. **Mathematica** [New57b]. **Mathematical** [Ano53i, Ano53k, Ano53l, Ano54g, Ano54h, T.57c]. **Mathematics** [Goo57b, LWF72, T.57a, T.57e, Gau94, Gau94]. **Mathieu** [PN58]. **Mathison** [Tau56]. **Matrices** [Fro58a, Gre55a, Lot55, MH57, Sch59, Tau50, Wag54, Was52, Wil55, Ano57d]. **Matrix** [BR53, Doy57, Edm53, FL50, Gre53a, Laa58, Men57a, Opl51, Ril55, SB53, Smi59]. **Matter** [Ano53a]. **Maximum** [Lee58, Sad50]. **Maximum-Interval** [Sad50]. **McGraw** [Dav57, F.57]. **McGraw-Hill** [Dav57, F.57]. **Mech** [New57c]. **Mechanical** [Luk52]. **mekhanikı** [Ano57g]. **mekhaniky** [Ano57h]. **Memory** [Don52]. **Mersenne** [Goo55, Leh53, Rie58]. **Mesh** [Bes54, Gar56]. **Method** [Bol57, Cam57, CD58, Cur54, DOH54, Dij57, Fle56a, FL50, Gre55a, GS52, Hea57, LaF54, Lot51, Men57b, MH57, Mor56, Mul56, Mul58, Neu59, Pos55, Sha59b, Ski59, Sod53, Spr52, SM58, Vis57, Wag54, WW57, ZS59]. **Méthode** [T.57b]. **Methods** [Bes54, Fox51, HH55, Pol59, Wil55]. **Might** [Sti50]. **Million** [Tom56]. **Milne** [Hen57a]. **mimeographed** [Tom57]. **Minimax** [GJ59]. **Minimum** [Bes54, Per52]. **Modern** [Ano50h]. **Modification** [Twe54]. **Modified** [Bla54a, Bla54b, Chi56]. **Molecular** [Dal54]. **Momentum** [Mel57]. **Monte** [DR56, Edm53, FL50, Opl51]. **Moscow** [Ano57f, Ano57h, Ano57g, Rho57, T.57c]. **MTAC** [Ano57d, Ano57h, Ano57g, Dia57, T.57f]. **multilithed** [Hol57b]. **Multiple** [DR56, HW57, HS58]. **Multiplication** [Wal58].

N [Hol57b]. **N.F** [T.57h]. **Nachr** [New57c]. **Nat** [T.57h]. **naturw** [Ewa57a]. **Nauk** [Ano57f, Ano57h, Ano57g, Rho57]. **Naval** [Wol52]. **NBS** [Goo57b, MDL50, T.57e]. **Near** [Luk52, Luk56]. **Negative** [Por56]. **Nehari** [Hoc58]. **Neighborhood** [She58]. **Neumann** [Ano57e]. **neunstellige** [Ano57d]. **Neville** [Twe54]. **News** [Ano50g, Ano53j]. **Newton** [SK58]. **Nine** [Ano57d, HSK59]. **No** [Dia57, Est57, Goo57b, Mel57, T.57e, Tom57]. **Nonlinear** [Wor55]. **NORC** [NJ55]. **Normal** [Har57b, Mul58, Tom56, Vis57, Sch54]. **Notation** [BWW54]. **Notations** [Com55]. **Note** [CD53, Fie58, Gau59, Gib50, T.51, Mil57, Sel53, Sod53, Sti50, Was52, WW57, Boo55, Cle55, Tau50]. **notebook** [Hol57b]. **Notes** [Ano50h, Ano57e, ABv$^+$55, AJO$^+$55, Bol57, BRCG55, CR57, CO51, Coh58, DBM55, Dij57, FOP$^+$56, Fox51, FM51, Fro58a, Fro58b, GW56, HR58, HAW56, KR59, Lon58, Lon59, MNR56, Rie58, Rom59, Sal57, SL58, SF59, Ski59, SS59, Sus59, Tau50, Wal58, Wee59, Wil57a, WW57, F.57]. **Nouvelle** [T.57b]. **Nouvelles** [Hen57b]. **Number** [Der59]. **Numbers** [Coh58, Joh56, Rie58, Rob57, Sha59b, Ano57h, Goo55, Sel53]. **Numerical** [Ano50h, Bar59, BMv$^+$59, Bla52, Bol57, Cam57, CO51, DF53, F. 50, FGT57, Fet55, Fis57, For53, Fox51, FM51, Goo57a, GL56, Goo57b, Gre57a, GCN59, HMS56, HS56, HW57, HS58, Hen59, Hoc58, HZ56, HPZ59, Hus50, Lon57, Lon58, Luk56, PU59, Pei57, RW59, Sal55, SK58, She55, SZF57, Ste53, SM58, Str57, Tau50, Tom57, Wee59, Wil57a, Wil58, vNG53, Hen57a]. **Numérique** [Gre57b]. **numerischen** [New57c].

O [New57c]. **O.** [Ewa57a, Ewa57b, New57c]. **Oberhettinger** [F.57]. **obituary** [Ano57e]. **Oblasti** [Ano57f]. **Obrabotka** [Rho57]. **Occurring** [Dal54]. **Off** [Ost52]. **Office** [Goo57b, T.57e, Wol52]. **One** [Hit57, Est57, Wil57b]. **Ontario** [Mel57]. **Open** [Wil57a, Wil58]. **Operating** [Ele50]. **Operations** [BW53]. **Operators** [Bla52, Wil57b]. **Optimum** [Tha57, Wag57]. **Orbits** [SZF57]. **Order** [HS55, HSW56, HSK59, Hit57, Wil57a, Wil58]. **Orders** [Dia57]. **Ordinary** [Cam57, Hen59, Ste53, SM58]. **Ordnung** [New57c]. **Organization** [Hum54]. **Orthogonal** [Sal55]. **osculatory** [T.57g]. **ot** [Ano57h]. **Other**

[AL51, Gep52, MW51, Max54, Mon50, SR53]. **Oxford** [T.57a].

p [Ano57d, Ano57h, Ano57g, Coh57, Dia57, Dav57, Ewa57a, Ewa57b, F.57, Goo57b, Gre57b, Hen57a, Hen57b, Hol57b, Mel57, New57a, New57b, New57c, Rho57, T.57c, T57d, T.57f, T.57a, T.57b, T.57e, T.57g]. **P.** [Sch54, T.57h]. **pages** [Tom57]. **Pair** [Smi57]. **Papers** [ABv$^+$55, AJO$^+$55, BRCG55, CR57, DBM55, FOP$^+$56, GW56, HR58, HAW56, MNR56, SL58, Bol57, Coh58, Dij57, Fro58a, Fro58b, KR59, Lon58, Lon59, Rie58, Rom59, Sal57, SF59, Ski59, SS59, Sus59, Wal58, Wee59, Wil57a, WW57]. **Parabolic** [DF53]. **Parallelströmung** [New57c]. **Parameter** [New57c, T.57h]. **Parenthesis** [BWW54]. **Parenthesis-Free** [BWW54]. **Paris** [Gre57b]. **Part** [Est57, F.57]. **Partial** [Fra50, Ho55, Ive53, Sal56]. **Partitioning** [Wag54]. **Partitions** [Com55]. **Pascal** [Cou50]. **perekhoda** [Ano57h]. **Pertaining** [BLS57, Hol57b]. **Phys** [T.57g]. **Physik** [Ewa57b]. **Place** [Ano57d, Ano57h]. **Places** [Rei50a]. **Plane** [HSW56]. **Planes** [HSK59]. **Planning** [F. 50]. **Point** [GL56, Hen59, Mit59]. **Points** [Str57]. **Poisson** [Fet55, Vis57]. **polar** [Ano57h]. **poliarnym** [Ano57h]. **Polynomial** [Atk55, Cle54, Gro54, Hit57, MW59, SR53, Twe54]. **Polynomial-Like** [Gro54]. **Polynomials** [CFH58, Dia57, Der59, Men57a, Sal55, Boo55]. **population** [Sch54]. **Positive** [Doy57, Ril55]. **Positive-Definite** [Doy57]. **Possibly** [Ril55]. **Potential** [Hoc58]. **pound.** [Est57]. **Power** [Fle56b, Men57b]. **Powers** [Fie58]. **Predictors** [SS59]. **Press** [T.57a]. **Price** [Dav57, Est57, F.57, Goo57b, Gre57b, Hen57a, Hen57b, Mel57, Rho57, T.57c, T.57a, T.57b, T.57e]. **Primality** [Dij57]. **Prime** [Smi57]. **Primes** [KR59, Lee58, Leh53, Sha59a]. **Principal** [Lon58]. **Printing** [Goo57b, T.57e]. **Probability** [Coo57, Sal59]. **Problem** [Bes54, BMv$^+$59, D. 53, GRS53, HMW55, MDL50, Ril54, Smi57]. **Problems** [Dal54, GL56, Hen59, Mit59, PU59, War57, Goo57b]. **Procedure** [Ano53b, Ano54a, Fle56b]. **Procedures** [Ril54, Twe54]. **Proceedings** [Est57]. **Process** [Der59]. **Processes** [Dav57, Rho57]. **Processing** [Coh50]. **Product** [DOH54]. **Production** [Coo57]. **Prog** [T57d]. **Programmed** [MS51, Wag54]. **Programming** [BD59, Max54, Per52, Wag57]. **Programs** [Cah54]. **Projective** [HSW56, HSK59]. **Propagation** [Tom57, ZS59]. **Proper** [Men57a, Men57b]. **Provision** [Ste51]. **Pseudo** [Joh56]. **Publications** [Hen57a, T.57b]. **Publishing** [Hen57b]. **Punched** [BY51, BY53, Gar54, GS52, Opl51]. **Punched-Card** [GS52]. **Purpose** [D. 53, Wal53].

Quadratic [Coh58, Doy57, Sha59a]. **Quadrature** [DR54, HZ56, HPZ59, Kun56, Luk52, Rei50b, RB59, Sal57, Tha57]. **quartic** [Coh57].

R [T.57c]. **Radio** [Tom57]. **Radix** [Sal51c, Sod53]. **Random** [Gre55b, Joh56, Mul58, Tom56, Was52, Gru50, GM51, Sch54, Dav57]. **Rapid** [Lon57]. **Rates** [Fra50]. **Rational** [Coo57, Fle56a]. **Raymond** [Ben50]. **REAC** [Gep52]. **Real** [Atk55, GRS53, Men57a, Sou57, T.57f, Coh57]. **Rechnungen** [New57c]. **Recurrence** [CO51, GT59, Tod50]. **Recurrent** [Edm53]. **regelmassig** [New57c]. **Region** [Ano57f]. **Reihe** [Ewa57a]. **Related** [Hit57]. **Relations** [CO51, Mor58, Tod50]. **Relaxation** [Fox51, Gar56, Ost53, Vis57]. **Relay** [KN51, Wol52]. **Remainders** [Fro58b]. **Remarks** [Str57]. **Repeated** [Kun56]. **Report** [Cou50, Dia57, Mel57, Tom57]. **reprinted** [Mel57]. **Research** [Wol52]. **Residues** [Sha59a]. **Résolution** [Gre57b]. **Response** [Fle56b]. **Rev** [Ano57g]. **Review** [Ano57d, Dia57, Hen59, Sch54, T.57c, Tom56]. **Reviews** [Ano55d]. **Richard** [Dav57]. **Riemann** [New57b]. **Rigid** [GRS53]. **River** [Mel57]. **RMT** [Ano57h]. **Root** [Atk55]. **Roots** [Atk55, CFH58, Fie58, Gre55a, Wil55, New57b]. **Rotation** [Hea57]. **Rounding** [Ost52]. **Routines** [Hum54]. **rubles** [T.57c]. **Rule** [Mon50]. **Runge** [Lot51].

S [Goo57b, Mel57, T.57e]. **S.** [Rho57]. **Salzer** [T.57g]. **samples** [Sch54]. **Sampling** [VR51]. **Sasaki** [Tom57]. **Scale** [Mul58]. **Schrödinger** [Ski59]. **Schuler** [Ano57d]. **Scientific** [Gar54]. **Sea**

[Tom57]. **SEAC** [Ele50, Ste51]. **Search** [GJ59, PN58]. **Sechsstellige** [T.57h]. **Second** [Sus59]. **See** [Ano57h, Ano57g]. **Segments** [Smi59]. **Self** [Laa59]. **Self-Adjoint** [Laa59]. **Sequence** [F. 50]. **Sequences** [Rom59]. **Sequential** [GJ59]. **Serial** [Don52]. **Serial-Memory** [Don52]. **Series** [Cah54, Dav57, Fle56b, Goo57b, Luk59, Mor58, Sal56, T.57e, Cle55]. **Set** [Cam57, Lot55, Sny55, Ano57d]. **Several** [Laa59]. **Sexagesimal** [T.57e]. **Shelf** [For53]. **Shell** [Pei57]. **Ship** [Pol59]. **Short** [ABv$^+$55, AJO$^+$55, Bol57, BRCG55, CR57, Coh58, DBM55, Dij57, FOP$^+$56, Fro58a, Fro58b, GW56, HR58, HAW56, KR59, Lon58, Lon59, MNR56, Rie58, Rom59, Sal57, SL58, SF59, Ski59, SS59, Sus59, Wal58, Wee59, Wil57a, WW57]. **should** [T57d]. **Sieve** [D. 53, Sha59b]. **Signals** [Lub52]. **Simple** [Kor52]. **Simplex** [DOH54]. **Simplexes** [HMS56, HS56]. **Simplified** [MH58]. **Simulation** [GRS53]. **Simultaneous** [BR53, Laa59, MW51, Sny55]. **Single** [Ost53, Ost58]. **Singularity** [Luk52, Luk56]. **Size** [Gar56]. **Skip** [Rom59]. **Skip-Term** [Rom59]. **Slide** [Mon50]. **Small** [Gar56, Coh57]. **Smoothest** [Hol57a]. **Snyder** [Hol57b]. **Soc** [Coh57, New57a]. **Solution** [BR53, BMv$^+$59, Bla52, CO51, F. 50, FGT57, Goo57a, Hen59, Laa58, MW51, Men57b, Mil57, She55, Tod50, Vis57, War57]. **Solutions** [BLS57, Ber55, HH55, Hol57b, Mit59, Sny55, Ste53, Wor55, de 53]. **Solved** [Bes54]. **Solver** [Kor52]. **Solving** [Atk55, CD58, Cur54, GS52, Mul56, Ril55, Ski59]. **Some** [Coh58, DR56, Fro58b, NJ55, PU59, RB59, Rob57]. **Southard** [T.57f]. **Special** [MH57, Rei50b, Wal53]. **Specialized** [Sto53]. **Specified** [Vis57]. **Speed** [BR53, SA57, Tei52, VR51]. **Speeding** [Ost58]. **Sphere** [Coh56]. **Spherical** [Pei57]. **Spherically** [Coo57]. **Spravochnik** [T.57c]. **Square** [SB53]. **SSSR** [Ano57f, Ano57h, Ano57g, Rho57]. **Stability** [Coh56, DF53]. **Statistical** [MRvN50]. **Steiner** [HS55]. **Steinsalzgitter** [Ewa57b]. **Steinsalzgitters** [Ewa57a]. **Step** [BM52a, BM52b, Fox51, Her51, Ost53, Ost58, SZF57]. **Step-by-Step** [Fox51, Her51]. **Stirling** [SK58]. **Stokes** [Gre57a]. **Storage** [Coh50, WR50]. **Stream** [Gre57a]. **Structure** [Dal54]. **Study** [BMv$^+$59, Est53, vNG53]. **Sturm** [FGT57]. **Sub** [Hum54]. **Sub-Routines** [Hum54]. **Subject** [Cam57]. **Subroutines** [MDL50]. **Subtraction** [Mon50]. **Summation** [Fet55, Fie58, Rom59, Sal56, Cle55]. **Summen** [New57c]. **Sums** [BM52a, BM52b, Ive53, Leh56]. **Supplement** [Est57]. **Swedish** [KN51]. **Symmetric** [BMSW54, Coo57, Doy57, Gre53a, Ril55, Wag54]. **Symposium** [Gau94]. **System** [F. 50, Laa59, Pos55]. **Systèmes** [Gre57b]. **Systems** [Coh50, Cur54, Dav57, FM52, Gep52, HS55, Ril55, de 53].

T. [T.57f, Tom57]. **Tabellen** [Ano57d]. **Table** [Ano57f, Ano57h, Ano57g, BLS57, Dia57, FM51, Lon59, Sal51c, Sou57, T.57f, Hol57b]. **Table-Making** [FM51]. **Tables** [Ano53i, Ano53k, Ano53l, Ano54g, Ano54h, Ano55d, Ano57d, Ano57f, Ano57g, Ber55, BY51, BY53, Har57a, Hen57b, Lin57, Lon57, Mel57, Ost52, RW59, Sad50, Sal59, SK58, Sch54, T.57c, Ano57h, Tom57, Ano57d, T.57e, Wil57b]. **Tablitsam** [T.57c]. **Tablitsy** [Ano57h, Ano57g, Ano57f, Ano57g]. **Tabulation** [AS56]. **Tafel** [T.57h]. **Tagung** [New57c]. **Taylor** [Fle56a]. **Technical** [Ano51f, ABv$^+$55, AJO$^+$55, Boo54, BRCG55, CR57, Coh50, Cou50, DBM55, Don52, Est53, FOP$^+$56, Gar54, GW56, Gre53b, HR58, HAW56, Hum54, Hus50, KN51, MDL50, MNR56, Pea52, SL58, Spr52, Ste51, Sto53, Wal53, Bol57, Coh58, Dij57, Fro58a, Fro58b, KR59, Lon58, Lon59, Rie58, Rom59, Sal57, SF59, Ski59, SS59, Sus59, Wal58, Wee59, Wil57a, WW57]. **Technique** [Atk55, GRS53, Max54]. **Techniques** [Est57, GT59]. **tekhniki** [Ano57h, Ano57g]. **Ten** [Ano57h]. **Term** [Rom59]. **Terms** [Ho55]. **Test** [Gre55b, Lot55, Ano57d, GM51]. **Testing** [Joh56]. **Tests** [Gru50]. **their** [Sal51c]. **Theorem** [Sal59]. **Theorems** [Smi59]. **Theory** [Ber55, Hoc58, Ost53, Ost58, Wor55, Tom57]. **Throwback** [Sou56]. **Time** [GRS53, SZF57, Wal58]. **Time-Step** [SZF57]. **Tochnoı** [Ano57g]. **Tohnol** [Ano57h]. **Tokyo** [Tom57]. **Tompkins** [T57d]. **Toronto** [F.57]. **TR**

[Dia57]. **TR-326** [Dia57]. **Transcendental** [F.57]. **Transform** [HZ56, HPZ59]. **Transformation** [Dia57, FM52, Wyn56, Ano57h]. **Transforms** [Sal55]. **Transient** [Fle56b, Pol59]. **transparency** [Wil57b]. **Trapezoidal** [HH55]. **Treatment** [DF53, MRvN50]. **Treatments** [Fra50]. **Triangle** [Bar59]. **Triangular** [Wil57b]. **Tricomi** [F.57]. **Trigonometric** [LaF54, Sal51c, SR53, Boo55]. **Triple** [HS55]. **Truth** [Abb51]. **Turing** [Tau56]. **Two** [BMv+59, GL56, Hen59, Leh53, Mit59, Smi59, Hol57b, Wil57b]. **Two-Dimensional** [BMv+59]. **Two-Point** [GL56, Hen59]. **Type** [Cam57, Joh56, Lin57]. **typewritten** [Wil57b].

U [Dia57, Goo57b, T.57e]. **UMT** [Hol57b, Wil57b]. **Unified** [Der59]. **Uniqueness** [HSW56]. **Universitaires** [T.57b]. **Universitat** [Ewa57a]. **University** [Ano57d, T.57a]. **Unpublished** [Ano53l]. **unterer** [New57c]. **USAF** [Sto53]. **Use** [BM52a, BM52b, Fox53, Sal59, Tei52, Wil55, GCN59]. **Used** [SZF57]. **Useful** [Max54]. **Using** [Atk55, BWW54, Hoc58, Mul56, SK58, Sny55].

V [T.57c, Ano57d, Ano57f, Ano57h, Ano57g, Coh57, Dia57, Est57, Ewa57a, Ewa57b, F.57, Gre57b, New57a, New57b, New57c, T.57h, T57d, T.57g]. **Value** [GL56, Mit59]. **Values** [Lin57, Lon58, Men57a, MRvN50]. **Vancouver** [Gau94]. **Variable** [Sal51a]. **Vectors** [Men57a, Men57b, Wil55]. **Verteilter** [New57c]. **vi** [T.57a]. **viii** [T.57b]. **Villars** [Gre57b]. **Volume** [Ano53m]. **Volumes** [LWF72]. **vom** [Ewa57b]. **vychislitel'noı** [Ano57h, Ano57g]. **Vyclislitel'nye** [Rho57].

W [F.57]. **W.** [Wil57b]. **Walks** [Was52]. **Wash** [T.57e]. **Wash-** [T.57e]. **Washington** [Dia57, Goo57b]. **Waves** [Tom57]. **Weierstrass** [T.57f, Sou57]. **Weight** [GCN59]. **Weighted** [Sal57]. **Weights** [RW59]. **welcher** [Ewa57b]. **Wert** [Ewa57a]. **Which** [CFH58, Sal51b]. **William** [Hen57a]. **Wilson** [Wil57b, Fro58b]. **Wiss** [T.57h]. **Wissenschaftliche** [Ewa57a]. **without** [Her51]. **Wolfram** [Arc50]. **Wolfson** [Mel57]. **Work** [PU59].

X [Boo54]. **XIII** [Ano50a, Ano50b]. **xiv** [Hen57b]. **xlvi** [T.57c]. **XV** [Ano51a]. **xvii** [F.57]. **xxvi** [F.57].

York [Dav57, F.57, Hen57a, Hen57b, T.57a].

Z [Ewa57b, New57c, Ano50a, Ano50b, Ano51a, Ano53c, Ano53d, Ano54b]. **zäher** [New57c]. **zahlentheoretischer** [New57c]. **Zeitschrift** [Ewa57a]. **Zero** [GJ59, Hit57]. **Zeros** [Der59, Ive53]. **zeta** [New57b]. **zeta-function** [New57b]. **Zeta-funktionen** [New57c]. **Zwei** [New57c].

References

Abbott:1951:CLT

[Abb51] Wilton R. Abbott. Computing logical truth with the California digital computer. *Mathematical Tables and Other Aids to Computation*, 5(35):120–128, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Archibald:1955:TNSa

[ABv+55] R. C. Archibald, A. D. Booth, John von Neumann, Bryant Tuckerman, B. Zondek, and R. L. La Fara. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 9(49):21–25, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Archibald:1955:TNSb

[AJO+55] R. C. Archibald, Luigi Jacchia, A. M. Ostrowski, Preston C. Hammer, and S. Lipton. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 9(50):62–70, April 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Atkinson:1951:NDM

[AL51] C. P. Atkinson and A. S. Levens. A new differentiating machine (in Other Aids to

Computation). *Mathematical Tables and Other Aids to Computation*, 5(34):99–102, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1950:BZXa

[Ano50a] Anonymous. Bibliography Z — XIII. *Mathematical Tables and Other Aids to Computation*, 4(32):234–238, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002501`.

Anonymous:1950:BZXb

[Ano50b] Anonymous. Bibliography Z–XIII. *Mathematical Tables and Other Aids to Computation*, 4(32):239–244, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002503`.

Anonymous:1950:Ca

[Ano50c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 4 (29):59, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1950:Cb

[Ano50d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 4 (30):125, April 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1950:Cc

[Ano50e] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 4 (31):180, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1950:Cd

[Ano50f] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 4(32):246, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1950:N

[Ano50g] Anonymous. News. *Mathematical Tables and Other Aids to Computation*, 4 (32):238–239, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002502`.

Anonymous:1950:NMN

[Ano50h] Anonymous. Notes on modern numerical analysis—I (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 4(29):39, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1951:BZX

[Ano51a] Anonymous. Bibliography Z–XV. *Mathematical Tables and Other Aids to Computation*, 5(34):102–108, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002173`.

Anonymous:1951:Ca

[Ano51b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 5 (33):55, January 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1951:Cb

[Ano51c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 5 (34):113, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1951:Cc

[Ano51d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 5

(35):184, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1951:Cd

[Ano51e] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 5(36):259, October 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1951:TDA

[Ano51f] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 5(34):86, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1952:Ca

[Ano52a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 6 (37):61, January 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1952:Cb

[Ano52b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 6 (38):126, April 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1952:Cc

[Ano52c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 6(40):257, October 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1953:BM

[Ano53a] Anonymous. Back matter. *Mathematical Tables and Other Aids to Computation*, 7 (44):??, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002845`.

Anonymous:1953:BCP

[Ano53b] Anonymous. Bibliography of coding procedure. *Mathematical Tables and Other Aids to Computation*, 7(44):256, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002839`.

Anonymous:1953:BZa

[Ano53c] Anonymous. Bibliography Z. *Mathematical Tables and Other Aids to Computation*, 7(44):256–266, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002840`.

Anonymous:1953:BZb

[Ano53d] Anonymous. Bibliography Z. *Mathematical Tables and Other Aids to Computation*, 7(44):268–272, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002842`.

Anonymous:1953:Ca

[Ano53e] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 7 (41):72, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1953:Cb

[Ano53f] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 7 (42):134, April 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1953:Cc

[Ano53g] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 7

(43):213, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1953:Cd

[Ano53h] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 7(44):275, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1953:MTE

[Ano53i] Anonymous. Mathematical tables — errata. *Mathematical Tables and Other Aids to Computation*, 7(44):246–247, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002836`.

Anonymous:1953:N

[Ano53j] Anonymous. News. *Mathematical Tables and Other Aids to Computation*, 7 (44):266–268, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002841`.

Anonymous:1953:RMT

[Ano53k] Anonymous. Recent mathematical tables. *Mathematical Tables and Other Aids to Computation*, 7(44):236–246, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002835`.

Anonymous:1953:UMT

[Ano53l] Anonymous. Unpublished mathematical tables. *Mathematical Tables and Other Aids to Computation*, 7(44):247–249, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002837`.

Anonymous:1953:VI

[Ano53m] Anonymous. Volume information. *Mathematical Tables and Other Aids to Computation*, 7(44):276–289, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002831`.

Anonymous:1954:BCP

[Ano54a] Anonymous. Bibliography of coding procedure. *Mathematical Tables and Other Aids to Computation*, 8(48):230–231, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002098`.

Anonymous:1954:BZa

[Ano54b] Anonymous. Bibliography Z. *Mathematical Tables and Other Aids to Computation*, 8(48):231–233, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002099`.

Anonymous:1954:Cc

[Ano54c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 8 (47):188, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1954:Cd

[Ano54d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 8(48):245, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1954:Ca

[Ano54e] Anonymous. Corrigendum. *Mathematical Tables and Other Aids to Computation*, 8 (45):51, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1954:Cb

[Ano54f] Anonymous. Corrigendum. *Mathematical Tables and Other Aids to Computation*, 8 (46):124, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1954:MTE

[Ano54g] Anonymous. Mathematical tables—errata. *Mathematical Tables and Other Aids to Computation*, 8(48):227–228, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002096`.

Anonymous:1954:RMT

[Ano54h] Anonymous. Recent mathematical tables. *Mathematical Tables and Other Aids to Computation*, 8(48):216–226, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002095`.

Anonymous:1955:Ca

[Ano55a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 9 (49):45, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1955:Cb

[Ano55b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 9 (51):137, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1955:Cc

[Ano55c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 9(52):229, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1955:RDT

[Ano55d] Anonymous. Reviews and descriptions of tables and books. *Mathematical Tables and Other Aids to Computation*, 9(51): 126–136, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002069`.

Anonymous:1956:Ca

[Ano56a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 10 (53):55, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1956:Cb

[Ano56b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 10 (55):182, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1956:Cc

[Ano56c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 10(56):262–263, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1957:Ca

[Ano57a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 11 (57):54, January 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1957:Cc

[Ano57b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 11 (59):228, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1957:Cd

[Ano57c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 11(60):314, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1957:CHU

[Ano57d] Anonymous. Corrigenda: Harvard University, Computation Laboratory, Annals, *Tables of the Function* $\arcsin z$, MTAC, v. 10, 1956, Review 66, p. 229, line 3; Mark Lotkin, *A set of test matrices*, MTAC, v. 9, 1955, p. 161; M. Schuler H. Gebelein, (a) *Acht- und neunstellige Tabellen zu den elliptischen Funktionen (Eight and Nine Place Tables of Elliptical Functions)*, (b) *Fünfstellige Tabellen zu den elliptischen Funktionen (Five Place Tables of Elliptical Functions)*, MTAC, v. 10, 1956, Review 102, p. 247. *Mathematical Tables and Other Aids to Computation*, 11(58):129–130, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). See [Lot55].

Anonymous:1957:NJN

[Ano57e] Anonymous. Notes: John von Neumann 1903–1957 [obituary]. *Mathematical Tables and Other Aids to Computation*, 11 (58):127, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Anonymous:1957:TEAa

[Ano57f] Anonymous. Table errata: A. A. Abramov, *Tablitsy* $\ln \Gamma[z]$ *v Kompleknoĭ Oblasti* (Tables of $\ln \Gamma[z]$ in a Complex Region), Akad. Nauk SSSR, Moscow, 1953. *Mathematical Tables and Other Aids to Computation*, 11 (58):125, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Anonymous:1957:TEAc

[Ano57g] Anonymous. Table errata: Akademiia Nauk SSSR. [Institut Tochnolĭ mekhanikĭ i vychislitel'noĭ tekhniki]. Matematicheskie Tablitsy. *Tablitsy Integralov Frenelia* (Tables of Fresnel Integrals), Moscow, 1953. [See Rev. 40, MTAC, v. 9, 1955, p. 75–76]. *Mathematical Tables and Other Aids to Computation*, 11(58):126, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Anonymous:1957:TEAb

[Ano57h] Anonymous. Table errata: Akademiia Nauk SSSR. Institut Tohnol mekhaniky i vychislitel'noĭ tekhniki. Matematicheskie Tablitsy. *Desiatiéna Tablitsy logarifmov kompleksnykh chisel i perekhoda ot dekartovykh koordinat k poliarnym. Tablitsy funktsiĭ [Ten place tables of logarithms of complex numbers and of the transformation from cartesian to polar coordinates. Tables of functions]* $\ln x$, arctg, $2\ln(1+x^2)$, $(1+x^2)^{1/2}$. Moscow, 1952. [See RMT 1206, MTAC, v. 8, 1954, p. 149]. *Mathematical Tables and Other Aids to Computation*, 11(58):125–126, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Anonymous:1958:C

[Ano58] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 12 (62):166, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1959:Ca

[Ano59a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 13 (66):143, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1959:Cb

[Ano59b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 13(68):335, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Archibald:1950:NIC

[Arc50] R. C. Archibald. New information concerning Isaac Wolfram's life and calculations. *Mathematical Tables and Other Aids to Computation*, 4(32):185–200, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ashour:1956:TF

[AS56] A. Ashour and A. Sabri. Tabulation of the function $\psi(\theta) = \sum_{n=1}^{\infty} \frac{\sin n\theta}{n^2}$. *Mathematical Tables and Other Aids to Computation*, 10(54):57–65, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Atkinson:1955:PRS

[Atk55] Cyril Atkinson. Polynomial root solving on the electronic differential analyser (A technique for finding the real and complex roots of a polynomial using an electronic differential analyser). *Mathematical Tables and Other Aids to Computation*, 9(52):139–143, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bartholomew:1959:NIT

[Bar59] Gerald E. Bartholomew. Numerical integration over the triangle. *Mathematical Tables and Other Aids to Computation*, 13(68):295–298, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bellman:1959:FAD

[BD59] Richard Bellman and Stuart Dreyfus. Functional approximations and dynamic programming. *Mathematical Tables and Other Aids to Computation*, 13(68):247–251, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bennett:1950:RCA

[Ben50] Albert A. Bennett. Raymond Clare Archibald. *Mathematical Tables and Other Aids to Computation*, 4(29):1–2, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bergman:1955:TDF

[Ber55] Stefan Bergman. Tables for the determination of fundamental solutions of equations in the theory of compressible fluids. *Mathematical Tables and Other Aids to Computation*, 9(49):8–14, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Best:1954:MPS

[Bes54] G. C. Best. A minimum problem solved by mesh methods. *Mathematical Tables and Other Aids to Computation*, 8(45):11–13, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Brooker:1952:ABA

[BGW52] R. A. Brooker, S. Gill, and D. J. Wheeler. The adventures of a blunder (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 6(38):112–113, April 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blanch:1952:NSE

[Bla52] Gertrude Blanch. On the numerical solution of equations involving differential operators with constant coefficients. *Mathematical Tables and Other Aids to Computation*, 6(40):219–223, October 1952. CO-

DEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blanch:1954:MDDa

[Bla54a] Gertrude Blanch. On modified divided differences I. *Mathematical Tables and Other Aids to Computation*, 8(45):1–11, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blanch:1954:MDDb

[Bla54b] Gertrude Blanch. On modified divided differences II. *Mathematical Tables and Other Aids to Computation*, 8(46):67–75, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Belford:1957:TPS

[BLS57] G. Belford, L. Jackson Laslett, and J. N. Snyder. Table pertaining to solutions of a Hill equation. *Mathematical Tables and Other Aids to Computation*, 11(58): 79–81, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Brock:1952:UESa

[BM52a] P. Brock and F. J. Murray. The use of exponential sums in step by step integration. *Mathematical Tables and Other Aids to Computation*, 6(38):63–78, April 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Brock:1952:UESb

[BM52b] P. Brock and F. J. Murray. The use of exponential sums in step by step integration—II. *Mathematical Tables and Other Aids to Computation*, 6(39):138–150, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bivins:1954:CSG

[BMSW54] Robert L. Bivins, N. Metropolis, Paul R. Stein, and Mark B. Wells. Characters of the symmetric groups of degree 15 and 16. *Mathematical Tables and Other Aids to Computation*, 8(48):212–216, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blair:1959:SNS

[BMv+59] A. Blair, N. Metropolis, J. von Neumann, A. H. Taub, and M. Tsingou. A study of a numerical solution to a two-dimensional hydrodynamical problem. *Mathematical Tables and Other Aids to Computation*, 13(67):145–184, July 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Boley:1957:TNS

[Bol57] Bruno A. Boley. Technical Notes and Short Papers: a method for the numerical evaluation of certain infinite integrals. *Mathematical Tables and Other Aids to Computation*, 11(60):261–264, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Booth:1954:TDD

[Boo54] Andrew D. Booth. Technical developments: The development of A.P.E.(X).C. (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 8(46):98–105, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Booth:1955:NAP

[Boo55] A. D. Booth. A note on approximating polynomials for trigonometric functions. *Mathematical Tables and Other Aids to Computation*, 9(49):21–23, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bejarano:1953:SSL

[BR53] Gabriel G. Bejarano and Bruce R. Rosenblatt. A solution of simultaneous linear equations and matrix inversion with high speed computing devices. *Mathematical Tables and Other Aids to Computation*, 7(42):77–81, April 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Brenner:1955:TNS

[BRCG55] J. L. Brenner, G. W. Reitwiesner, C. W. Clenshaw, and I. J. Good. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 9(51):117–121, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Brooker:1953:FOE

[BW53] R. A. Brooker and D. J. Wheeler. Floating operations on the EDSAC (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 7(41):37–47, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Burks:1954:ALM

[BWW54] Arthur W. Burks, Don W. Warren, and Jesse B. Wright. An analysis of a logical machine using parenthesis-free notation. *Mathematical Tables and Other Aids to Computation*, 8(46):53–57, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blanch:1951:GTP

[BY51] G. Blanch and E. C. Yowell. A guide to tables on punched cards. *Mathematical Tables and Other Aids to Computation*, 5(36):185–212, October 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Blanch:1953:AGT

[BY53] Gertrude Blanch and Everett C. Yowell. Addendum to a guide to tables on punched cards. *Mathematical Tables and Other Aids to Computation*, 7(41):1–6, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cahill:1954:PCH

[Cah54] W. F. Cahill. Programs for computing the hypergeometric series (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 8(45):36–37, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Campbell:1957:MIS

[Cam57] Edwin S. Campbell. A method for integrating a set of ordinary differential equations subject to a type of numerical indeterminacy. *Mathematical Tables and Other Aids to Computation*, 11(60):229–233, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cahill:1953:NCC

[CD53] W. F. Cahill and Philip Davis. Note: On a computation of the capacity of a cube. *Mathematical Tables and Other Aids to Computation*, 7(44):272–273, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002843`.

Conte:1958:ADM

[CD58] S. D. Conte and R. T. Dames. An alternating direction method for solving the biharmonic equation. *Mathematical Tables and Other Aids to Computation*, 12(63): 198–205, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Campbell:1958:CRP

[CFH58] Edwin S. Campbell, E. M. Fishbach, and J. O. Hirschfelder. Coefficients and roots of the polynomials which define the derivatives of the exponential of $(-\epsilon/T)$. *Mathematical Tables and Other Aids to Computation*, 12(61):1–17, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Chisnall:1956:MCE

[Chi56] G. A. Chisnall. A modified Chebyshev–Everett interpolation formula. *Mathematical Tables and Other Aids to Computation*, 10(54):66–73, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Clenshaw:1954:PAE

[Cle54] C. W. Clenshaw. Polynomial approximations to elementary functions. *Mathematical Tables and Other Aids to Computation*, 8(47):143–147, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Clenshaw:1955:NSC

[Cle55] C. W. Clenshaw. A note on the summation of Chebyshev series. *Mathematical Tables and Other Aids to Computation*, 9(51):118–120, 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Clenshaw:1951:NNA

[CO51] C. W. Clenshaw and F. W. J. Olver. Notes on numerical analysis—3: Solution of differential equations by recurrence relations (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 5(33):34–39, January 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cohen:1950:TDM

[Coh50] Arnold A. Cohen. Technical developments: Magnetic drum storage for digital information processing systems (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 4(29):31–39, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cohn:1956:SCE

[Coh56] Harvey Cohn. Stability configurations of electrons on a sphere. *Mathematical Tables and Other Aids to Computation*, 10(55):117–120, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cohn:1957:CJG

[Coh57] Harvey Cohn. Comment: J. Godwin, *Real quartic fields with small discriminant*, London Math. Soc., Jn., v. 31, 1956, p. 478–485. *Mathematical Tables and Other Aids to Computation*, 11(58):107, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Cohn:1958:CSB

[Coh58] Harvey Cohn. A computation of some bi-quadratic class numbers (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 12(63):213–217, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Comet:1955:NP

[Com55] Stig Comét. Notations for partitions. *Mathematical Tables and Other Aids to Computation*, 9(52):143–146, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Cook:1957:RFP

[Coo57] J. M. Cook. Rational formulae for the production of a spherically symmetric probability distribution. *Mathematical Tables and Other Aids to Computation*, 11(58): 81–82, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Couffignal:1950:TDR

[Cou50] L. Couffignal. Technical developments: Report on the machine of the Institut Blaise Pascal (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 4(32):225–229, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Chambers:1957:TNS

[CR57] LL. G. Chambers and Raphael M. Robinson. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 11(57):19–22, January 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Curtiss:1954:GMC

[Cur54] J. H. Curtiss. A generalization of the method of conjugate gradients for solving systems of linear algebraic equations. *Mathematical Tables and Other Aids to Computation*, 8(48):189–193, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

DHL:1953:SPA

[D. 53] D. H. L. The sieve problem for all-purpose computers. *Mathematical Tables and Other Aids to Computation*, 7(41):6–14, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only 'D. H. L.' as author: probably D. H. Lehmer.

Dalgarno:1954:IOP

[Dal54] A. Dalgarno. Integrals occurring in problems of molecular structure. *Mathematical Tables and Other Aids to Computation*, 8(48):203–212, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Davis:1957:CJH

[Dav57] Harold Davis. Comment: J. Halcomb Laning, Jr., and Richard H. Battin, *Random Processes in Automatic Control*, McGraw-Hill Series in Control Systems Engineering, McGraw-Hill Book Co., Inc., New York, 1956, ix + 434 p., 23 cm. Price $10.00. *Mathematical Tables and Other Aids to Computation*, 11(58):112, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Dank:1955:TNS

[DBM55] M. Dank, S. W. Barber, and N. Macon. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 9(52):191–195, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

delaGarza:1953:EBA

[de 53] A. de la Garza. Error bounds of approximate solutions to systems of linear algebraic equations. *Mathematical Tables and Other Aids to Computation*, 7(42):81–84, April 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Derr:1959:UPE

[Der59] John I. Derr. A unified process for the evaluation of the zeros of polynomials over the complex number field. *Mathematical Tables and Other Aids to Computation*, 13(65): 29–36, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

DuFort:1953:SCN

[DF53] E. C. Du Fort and S. P. Frankel. Stability conditions in the numerical treatment of parabolic differential equations. *Mathematical Tables and Other Aids to Computation*, 7(43):135–152, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

DOFL:1957:TEI

[Dia57] Diamond Ordnance Fuze Laboratories. Table errata: Isabelle Arsham, *Chebyshev Coefficients for Chebyshev Polynomials of Orders 12 and 24 under the General Linear Transformation (U)*, Report No. TR-326, Diamond Ordnance Fuze Laboratories, Ordnance Corps, Department of the Army, Washington, D. C., 1956 [Review 72, MTAC, v. 10, 1956, p. 231]. *Mathematical Tables and Other Aids to Computation*, 11(58):126–127, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Dijkstra:1957:MIP

[Dij57] E. W. Dijkstra. A method to investigate primality (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 11(59):195–196, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Dantzig:1954:PFI

[DOH54] George B. Dantzig and Wm. Orchard-Hays. The product form for the inverse in the simplex method. *Mathematical Tables and Other Aids to Computation*, 8(46):64–67, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Donan:1952:TDS

[Don52] John F. Donan. Technical developments: The serial-memory digital differential analyzer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 6(38):102–112, April 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Doyle:1957:ISC

[Doy57] Thomas C. Doyle. Inversion of symmetric coefficient matrix of positive-definite quadratic form. *Mathematical Tables and Other Aids to Computation*, 11(58):55–58, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Davis:1954:EQE

[DR54] P. Davis and P. Rabinowitz. On the estimation of quadrature errors for analytic functions. *Mathematical Tables and Other Aids to Computation*, 8(48):193–203, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Davis:1956:SMC

[DR56] P. Davis and P. Rabinowitz. Some Monte Carlo experiments in computing multiple integrals. *Mathematical Tables and Other Aids to Computation*, 10(53):1–8, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Edmundson:1953:MCM

[Edm53] H. P. Edmundson. Monte Carlo matrix inversion and recurrent events. *Mathematical Tables and Other Aids to Computation*, 7(41):18–21, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

ELSNBS:1950:OCS

[Ele50] Electronic Laboratory Staff at N. B. S. The operating characteristics of the SEAC (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 4(32):229–230, October 1950. CO-

DEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Estrin:1953:TDE

[Est53] Gerald Estrin. Technical developments: The electronic computer at the institute for advanced study (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 7(42):108–114, April 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Estrin:1957:CBP

[Est57] Gerald Estrin. Comment: *The Proceedings of the Institution of Electrical Engineers*, v. 103, Part B, Supplement No. 1–3, 1956 (Convention on Digital Computer Techniques), British Institution of Electrical Engineers, London. Price one pound. *Mathematical Tables and Other Aids to Computation*, 11(58):121–124, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Ewald:1957:CEBa

[Ewa57a] P. P. Ewald. Comment: O. Emersleben, *Der Wert der Madelung Konstanten des Steinsalzgitters*, Wissenschaftliche Zeitschrift der Universitat Greifswald, v. 3, 1953–54, Math. naturw. Reihe, p. 607–617. *Mathematical Tables and Other Aids to Computation*, 11(58):113–114, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Ewald:1957:CEBb

[Ewa57b] P. P. Ewald. Comment: O. Emersleben, *Mit welcher Genauigkeit benötigt man die Madelung-konstante eines Kristalls beispielweise vom Steinsalzgitter?* Z. fur Physik. Chemie, v. 204, 1955, p. 43–55. *Mathematical Tables and Other Aids to Computation*, 11(58):114, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

FJM:1950:PEC

[F. 50] F. J. M. Planning and error considerations for the numerical solution of a system of differential equations on a sequence calculator. *Mathematical Tables and Other Aids to Computation*, 4(31):133–144, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only 'F. J. M.' as author; possibly F. J. Murray.

F:1957:CEW

[F.57] A. F. Comment: A. Erd'elyi, W. Magnus, F. Oberhettinger, and F. G. Tricomi, *Higher Transcendental Functions*. Based, in part, on notes left by H. Bateman. McGraw-Hill, New York, Toronto, London, v. 1, 1953, xxvi + 302 p., 23 cm. Price $6.50; V. 2,1953, xvii + 396 p., 23 cm. Price $7,50; v. 3, 1955, xvii + 292 p., 23 cm. Price $6.50. *Mathematical Tables and Other Aids to Computation*, 11(58):114–116, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Fettis:1955:NCC

[Fet55] Henry E. Fettis. Numerical calculation of certain definite integrals by Poisson's summation formula. *Mathematical Tables and Other Aids to Computation*, 9(51):85–92, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Farrington:1957:NSS

[FGT57] C. C. Farrington, R. T. Gregory, and A. H. Taub. On the numerical solution of Sturm–Liouville differential equations. *Mathematical Tables and Other Aids to Computa-*

tion, 11(59):131–150, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Fielder:1958:NSF

[Fie58] Daniel C. Fielder. A note on summation formulas of powers of roots. *Mathematical Tables and Other Aids to Computation*, 12(63):194–198, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Fishman:1957:NIC

[Fis57] Herbert Fishman. Numerical integration constants. *Mathematical Tables and Other Aids to Computation*, 11(57):1–9, January 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Forsythe:1950:MIM

[FL50] George E. Forsythe and Richard A. Leibler. Matrix inversion by a Monte Carlo method. *Mathematical Tables and Other Aids to Computation*, 4 (31):127–129, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `https://www.ams.org/journals/mcom/1950-04-031/S0025-5718-1950-0038138-X`. Correction published in volume 5, p. 55 (1951).

Flemming:1956:IMT

[Fle56a] D. P. Flemming. An iterative method for Taylor expansion of rational functions, and applications. *Mathematical Tables and Other Aids to Computation*, 10(55):120–130, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Flemming:1956:IPE

[Fle56b] D. P. Flemming. Iterative procedure for evaluating a transient response through its power series. *Mathematical Tables and Other Aids to Computation*, 10(54):73–81, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Fox:1951:NNAb

[FM51] L. Fox and J. C. P. Miller. Notes on numerical analysis—5: Table-making for large arguments. the exponential integral (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 5(35):163–166, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Forsythe:1952:EGT

[FM52] George E. Forsythe and Theodore S. Motzkin. An extension of Gauss' transformation for improving the condition of systems of linear equations. *Mathematical Tables and Other Aids to Computation*, 6(37): 9–17, January 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Forsythe:1956:TNS

[FOP+56] George E. Forsythe, Morio Onoe, Z. Pawlak, R. A. Rubenstein, Marjorie Huse, Stefan Machlup, and Hugh E. Stelson. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 10(53):25–34, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Forsythe:1953:NAF

[For53] George E. Forsythe. A numerical analyst's fifteen-foot shelf. *Mathematical Tables and Other Aids to Computation*, 7(44):221–228, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Fox:1951:NNAa

[Fox51] L. Fox. Notes on numerical analysis—4: Relaxation and step-by-step methods (in automatic computing machinery; discussions). *Mathematical Tables and Other*

Aids to Computation, 5(34):92–95, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Fox:1953:ULI

[Fox53] L. Fox. The use of large intervals in finite-difference equations. *Mathematical Tables and Other Aids to Computation*, 7(41):14–18, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Frankel:1950:CRI

[Fra50] Stanley P. Frankel. Convergence rates of iterative treatments of partial differential equations. *Mathematical Tables and Other Aids to Computation*, 4(30):65–75, April 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Froberg:1958:DHM

[Fro58a] Carl-Erik Froberg. Diagonalization of Hermitian matrices (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 12(63):219–220, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Froberg:1958:TNS

[Fro58b] Carl-Erik Froberg. Technical Notes and Short Papers: Some computations of Wilson and Fermat remainders. *Mathematical Tables and Other Aids to Computation*, 12(64):281, October 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Garwick:1954:TDP

[Gar54] Jan V. Garwick. Technical developments: a punched card machine especially equipped for scientific computations (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 8(47):167–170, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Garabedian:1956:ERF

[Gar56] P. R. Garabedian. Estimation of the relaxation factor for small mesh size. *Mathematical Tables and Other Aids to Computation*, 10(56):183–185, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gautschi:1959:NBL

[Gau59] Walter Gautschi. Note on bivariate linear interpolation for analytic functions. *Mathematical Tables and Other Aids to Computation*, 13(66):91–96, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gautschi:1994:MCH

[Gau94] Walter Gautschi, editor. *Mathematics of computation, 1943–1993: a half-century of computational mathematics: Mathematics of Computation 50th Anniversary Symposium, August 9–13, 1993, Vancouver, British Columbia*, volume 48 of *Proceedings of Symposia in Applied Mathematics*. American Mathematical Society, Providence, RI, USA, 1994. ISBN 0-8218-0291-7, 0-8218-0353-0 (pt. 1), 0-8218-0354-9 (pt. 2). ISSN 0160-7634. LCCN QA1 .A56 v.48 1994; QA297.M385 1993. See also SIAM Review, September 1995, **37**(3), p. 483.

Greenwood:1959:NIF

[GCN59] R. E. Greenwood, P. D. M. Carnahan, and J. W. Nolley. Numerical integration formulas for use with weight functions x^2 and $x/\sqrt{1-x^2}$. *Mathematical Tables and Other Aids to Computation*, 13(65):37–40, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gephart:1952:LAS

[Gep52] Landis Gephart. Linear algebraic systems and the REAC (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 6(39):190–203, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gibbs:1950:NA

[Gib50] R. C. Gibbs. Note of appreciation. *Mathematical Tables and Other Aids to Computation*, 4(29):1, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gross:1959:SMS

[GJ59] O. Gross and S. M. Johnson. Sequential minimax search for a zero of a convex function. *Mathematical Tables and Other Aids to Computation*, 13(65):44–51, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Goodman:1956:NIT

[GL56] T. R. Goodman and G. N. Lance. The numerical integration of two-point boundary value problems. *Mathematical Tables and Other Aids to Computation*, 10(54):82–86, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gruenberger:1951:TRD

[GM51] Fred Gruenberger and A. M. Mark. The d^2 test of random digits. *Mathematical Tables and Other Aids to Computation*, 5(34): 109–110, 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Good:1955:CCM

[Goo55] I. J. Good. Conjectures concerning the Mersenne numbers. *Mathematical Tables and Other Aids to Computation*, 9(51):120, September 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Good:1957:NSI

[Goo57a] I. J. Good. On the numerical solution of integral equations. *Mathematical Tables and Other Aids to Computation*, 11(58): 82–83, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Goodwin:1957:CNA

[Goo57b] E. T. Goodwin. Comment: NBS Applied Mathematics Series, No. 15, *Problems for the Numerical Analysis of the Future*, U. S. Gov. Printing Office, Washington, D. C., 1951, iv + 21 p., 26.0 cm. Price \$0.20. *Mathematical Tables and Other Aids to Computation*, 11(58): 116–117, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Gregory:1953:CEE

[Gre53a] Robert T. Gregory. Computing eigenvalues and eigenvectors of a symmetric matrix on the ILLIAC. *Mathematical Tables and Other Aids to Computation*, 7(44):215–220, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Greig:1953:TDC

[Gre53b] John Greig. Technical developments: The circle computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 7(44):249–255, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Greenstadt:1955:MFR

[Gre55a] J. Greenstadt. A method for finding roots of arbitrary matrices. *Mathematical Tables and Other Aids to Computation*, 9(50):47–52, April 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Greenwood:1955:CCT

[Gre55b] Robert E. Greenwood. Coupon collector's test for random digits. *Mathematical Tables and Other Aids to Computation*, 9(49): 1–5, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002211`.

Greenspan:1957:NES

[Gre57a] Donald Greenspan. On the numerical evaluation of the Stokes' stream function. *Mathematical Tables and Other Aids to Computation*, 11(59):150–160, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gregory:1957:CCB

[Gre57b] Robert T. Gregory. Comment: L. Couffignal, *Résolution Numérique des Systèmes d'Équations Linéaires*, Gauthier-Villars, Paris, v. 2, 1956, iii + 180 p., 21 cm. Price \$5.86. *Mathematical Tables and Other Aids to Computation*, 11(58):118–119, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Gross:1954:PLA

[Gro54] Oliver Gross. Polynomial-like approximation. *Mathematical Tables and Other Aids to Computation*, 8(46):58–60, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gray:1953:TRT

[GRS53] H. J. Gray, Jr., M. Rubinoff, and H. Sohon. A technique for real time simulation of a rigid body problem. *Mathematical Tables and Other Aids to Computation*, 7(42):73–77, April 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Gruenberger:1950:TRD

[Gru50] Fred Gruenberger. Tests of random digits. *Mathematical Tables and Other Aids to Computation*, 4(32):244–245, 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Griffith:1952:PCM

[GS52] B. A. Griffith and K. W. Smillie. On a punched-card method of solving certain integral equations. *Mathematical Tables and Other Aids to Computation*, 6(39):133–138, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Goldstein:1958:BFL

[GT58] M. Goldstein and R. M. Thaler. Bessel functions for large arguments. *Mathematical Tables and Other Aids to Computation*, 12(61):18–26, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Goldstein:1959:RTC

[GT59] M. Goldstein and R. M. Thaler. Recurrence techniques for the calculation of Bessel functions. *Mathematical Tables and Other Aids to Computation*, 13(66):102–108, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Goodwin:1956:TNS

[GW56] E. T. Goodwin and P. Wynn. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 10(54):96–100, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Harrison:1950:BDC

[Har50] J. O. Harrison, Jr. Binary–decimal conversion on a desk calculator (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Compu-*

tation, 4(32):231–234, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002500`.

Harris:1957:TEI

[Har57a] Frank E. Harris. Tables of the exponential integral Ei(x). *Mathematical Tables and Other Aids to Computation*, 11(57):9–16, January 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hart:1957:FAD

[Har57b] Roger G. Hart. A formula for the approximation of definite integrals of the normal distribution function. *Mathematical Tables and Other Aids to Computation*, 11(60): 265, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Horgan:1956:TNS

[HAW56] R. B. Horgan, E. E. Allen, and D. D. Wall. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 10(55):156–168, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Healy:1957:RMC

[Hea57] M. J. R. Healy. A rotation method for computing canonical correlations. *Mathematical Tables and Other Aids to Computation*, 11(58):83–86, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Henrici:1957:CAB

[Hen57a] Peter Henrici. Comment: Albert A. Bennett, William E. Milne, and Harry Bateman, *Numerical Integration of Differential Equations*, Dover Publications, Inc., New York, 1956, 108 p., 20 cm. Price \$1.35. *Mathematical Tables and Other Aids to Computation*, 11(58):117–118, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Henrici:1957:CDB

[Hen57b] Peter Henrici. Comment: D. Bierens de Haan, *Nouvelles Tables d'Intégrales Définies*, Hafner Publishing Co., New York, 1957 (edition of 1867-corrected), xiv + 716 p., 24 cm. Price \$12.50. *Mathematical Tables and Other Aids to Computation*, 11 (58):111, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Henrici:1959:BRN

[Hen59] Peter Henrici. Book review: *The Numerical Solution of Two-Point Boundary Problems in Ordinary Differential Equations*, by L. Fox. *Mathematical Tables and Other Aids to Computation*, 13(68):322–323, October 1959. CODEN MTTCAS. ISSN 0891-6837. URL `https://www.jstor.org/stable/2002815`.

Herrick:1951:SSI

[Her51] Samuel Herrick. Step-by-step integration of $\ddot{x} = f(x, y, z, t)$ without a "corrector". *Mathematical Tables and Other Aids to Computation*, 5(34):61–67, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hammer:1955:TMA

[HH55] Preston C. Hammer and Jack W. Hollingsworth. Trapezoidal methods of approximating solutions of differential equations. *Mathematical Tables and Other Aids to Computation*, 9(51):92–96, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hitchcock:1957:PAB

[Hit57] A. J. M. Hitchcock. Polynomial approximations to Bessel functions of order zero and one and to related functions. *Mathematical Tables and Other Aids to Computation*, 11(58):86–88, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Hammer:1956:NISa

[HMS56] P. C. Hammer, O. J. Marlowe, and A. H. Stroud. Numerical integration over simplexes and cones. *Mathematical Tables and Other Aids to Computation*, 10(55):130–137, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Herbst:1955:APC

[HMW55] Eugene H. Herbst, N. Metropolis, and Mark B. Wells. Analysis of problem codes on the MANIAC. *Mathematical Tables and Other Aids to Computation*, 9(49):14–20, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ho:1955:DIF

[Ho55] Kuo-Chu Ho. Double interpolation formulae and partial derivatives in terms of finite differences. *Mathematical Tables and Other Aids to Computation*, 9(50):52–62, April 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hochstrasser:1958:NEP

[Hoc58] U. W. Hochstrasser. Numerical experiments in potential theory using the Nehari estimates. *Mathematical Tables and Other Aids to Computation*, 12(61):26–33, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Holladay:1957:SCA

[Hol57a] John C. Holladay. A smoothest curve approximation. *Mathematical Tables and Other Aids to Computation*, 11(60):233–243, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hollander:1957:CGB

[Hol57b] F. H. Hollander. Comment: G. Belford, L. Jackson Laslett, and J. N. Snyder, *Table Pertaining to Solutions of a Hill Equation*, 1956, 420 p., two $8\frac{1}{2} \times 11$ multilithed copies in notebook binders deposited in the UMT file. *Mathematical Tables and Other Aids to Computation*, 11(58):110, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Hurwitz:1959:NQF

[HPZ59] H. Hurwitz, Jr., R. A. Pfeiffer, and P. F. Zweifel. Numerical quadrature of Fourier transform integrals II. *Mathematical Tables and Other Aids to Computation*, 13(66):87–90, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hofsommer:1958:TNS

[HR58] D. J. Hofsommer and Hans Riesel. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 12(61):58–60, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hall:1955:DST

[HS55] Marshall Hall, Jr. and J. D. Swift. Determination of Steiner triple systems of order 15. *Mathematical Tables and Other Aids to Computation*, 9(52):146–152, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hammer:1956:NISb

[HS56] Preston C. Hammer and Arthur H. Stroud. Numerical integration over simplexes. *Mathematical Tables and Other Aids to Computation*, 10(55):137–139, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hammer:1958:NEM

[HS58] Preston C. Hammer and Arthur H. Stroud. Numerical evaluation of multiple integrals II. *Mathematical Tables and Other Aids to Computation*, 12(64):272–280, October 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hall:1959:PPO

[HSK59] Marshall Hall, Jr., J. Dean Swift, and Raymond Killgrove. On projective planes of order nine. *Mathematical Tables and Other Aids to Computation*, 13(68):233–246, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hall:1956:UPP

[HSW56] Marshall Hall, Jr., J. Dean Swift, and Robert J. Walker. Uniqueness of the projective plane of order eight. *Mathematical Tables and Other Aids to Computation*, 10(56):186–194, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hume:1954:TDI

[Hum54] J. N. P. Hume. Technical developments: Input and organization of sub-routines for Ferut (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 8(45):30–36, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Huskey:1950:TDC

[Hus50] H. D. Huskey. Technical developments: Characteristics of the institute for numerical analysis computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 4(30): 103–108, April 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hammer:1957:NEM

[HW57] Preston C. Hammer and A. Wayne Wymore. Numerical evaluation of multiple integrals I. *Mathematical Tables and Other Aids to Computation*, 11(58):59–67, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hurwitz:1956:NQF

[HZ56] H. Hurwitz, Jr. and P. F. Zweifel. Numerical quadrature of Fourier transform integrals. *Mathematical Tables and Other Aids to Computation*, 10(55):140–149, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Isbell:1959:EMG

[Isb59] John R. Isbell. On the enumeration of majority games. *Mathematical Tables and Other Aids to Computation*, 13(65):21–28, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Iverson:1953:ZPS

[Ive53] K. E. Iverson. The zeros of the partial sums of e^z. *Mathematical Tables and Other Aids to Computation*, 7(43):165–168, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Johnson:1956:GTP

[Joh56] D. L. Johnson. Generating and testing pseudo random numbers on the IBM Type 701. *Mathematical Tables and Other*

Aids to Computation, 10(53):8–13, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Kjellberg:1951:TDB

[KN51] Goran Kjellberg and Gosta Neovius. Technical developments: The BARK, A Swedish general relay computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 5(33):29–34, January 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Korn:1952:DAS

[Kor52] Granino A. Korn. The difference analyzer: a simple differential equation solver. *Mathematical Tables and Other Aids to Computation*, 6(37):1–8, January 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Killgrove:1959:CCP

[KR59] R. B. Killgrove and K. E. Ralston. On a conjecture concerning the primes (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(66):121–122, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Kunz:1956:HAQ

[Kun56] K. S. Kunz. High accuracy quadrature formulas from divided differences with repeated arguments. *Mathematical Tables and Other Aids to Computation*, 10(54): 87–90, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Laasonen:1958:ISM

[Laa58] Pentti Laasonen. On the iterative solution of the matrix equation $AX^2 - I = 0$. *Mathematical Tables and Other Aids to Computation*, 12(62):109–116, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Laasonen:1959:SDS

[Laa59] P. Laasonen. On the simultaneous determination of several eigensolutions of a self-adjoint system of differential equations. *Mathematical Tables and Other Aids to Computation*, 13(65):13–20, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

LaFara:1954:MCI

[LaF54] Robert L. LaFara. A method for calculating inverse trigonometric functions. *Mathematical Tables and Other Aids to Computation*, 8(47):132–139, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Leech:1958:GPH

[Lee58] John Leech. Groups of primes having maximum density. *Mathematical Tables and Other Aids to Computation*, 12(62):144–145, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lehmer:1953:TNM

[Leh53] D. H. Lehmer. Two new Mersenne primes. *Mathematical Tables and Other Aids to Computation*, 7(41):72, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lehmer:1956:LGS

[Leh56] Emma Lehmer. On the location of Gauss sums. *Mathematical Tables and Other Aids to Computation*, 10(56):194–202, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ling:1957:TVI

[Lin57] Chih-Bing Ling. Tables of values of 16 integrals of algebraic-hyperbolic type. *Math-*

ematical Tables and Other Aids to Computation, 11(59):160–166, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Longman:1957:TRA

[Lon57] I. M. Longman. Tables for the rapid and accurate numerical evaluation of certain infinite integrals involving Bessel functions. *Mathematical Tables and Other Aids to Computation*, 11(59):166–180, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Longman:1958:NEC

[Lon58] I. M. Longman. On the numerical evaluation of Cauchy principal values of integrals (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 12(63):205–207, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Longman:1959:STT

[Lon59] I. M. Longman. A short table of $\int_x^\infty J_0(t)t^{-n}dt$ and $\int_x^\infty J_1(t)t^{-n}dt$ (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(68):306–311, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lotkin:1951:ARK

[Lot51] Max Lotkin. On the accuracy of Runge–Kutta's method. *Mathematical Tables and Other Aids to Computation*, 5(35):128–133, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lotkin:1955:STM

[Lot55] Mark Lotkin. A set of test matrices. *Mathematical Tables and Other Aids to Computation*, 9(52):153–161, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). See corrigendum [Ano57d].

Lubkin:1952:ASD

[Lub52] S. Lubkin. Asynchronous signals in digital computers (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 6 (40):238–241, October 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Luke:1952:MQN

[Luk52] Yudell L. Luke. Mechanical quadrature near a singularity. *Mathematical Tables and Other Aids to Computation*, 6 (40):215–219, October 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Luke:1956:EIA

[Luk56] Yudell L. Luke. Evaluation of an integral arising in numerical integration near a logarithmic singularity. *Mathematical Tables and Other Aids to Computation*, 10(53): 14–21, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Luke:1957:C

[Luk57] Yudell L. Luke. On the computation of $\log Z$ and $\arctan Z$. *Mathematical Tables and Other Aids to Computation*, 11(57): 16–18, January 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Luke:1959:ECH

[Luk59] Yudell L. Luke. Expansion of the confluent hypergeometric function in series of Bessel functions. *Mathematical Tables and Other Aids to Computation*, 13(68):261–271, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Luke:1972:CIM

[LWF72] Yudell L. Luke, Jet Wimp, and Wyman Fair, editors. *Cumulative Index to Mathematics of Computation, Volumes 1–24 (1943–1969)*. American Mathematical Society, Providence, RI, USA, 1972. xvii + 461 pp.

Maxfield:1954:UTP

[Max54] J. E. Maxfield. A useful technique in programming for analog computers (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 8 (48):233–234, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

MDLStaff:1950:TDI

[MDL50] MDL Staff. Technical developments: The incorporation of subroutines into a complete problem on the NBS eastern automatic computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 4(31):164–168, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Melkanoff:1957:CJW

[Mel57] M. A. Melkanoff. Comment: J. L. Wolfson and H. S. Gellman, *Five Figure Tables for the Conversion of Electron Momentum to Electron Kinetic Energy from 100 to 20000 Gauss-Cm*, Atomic Energy of Canada, Ltd., Chalk River, Ontario, 1954 (reprinted July, 1956), A.E.C.L. Report No. 327, i + 43 p., 27 cm. Price $1.00. *Mathematical Tables and Other Aids to Computation*, 11(58):112–113, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Mendelsohn:1957:CCP

[Men57a] N. S. Mendelsohn. The computation of complex proper values and vectors of a real matrix with application to polynomials. *Mathematical Tables and Other Aids to Computation*, 11(58):91–94, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Mendelsohn:1957:IMS

[Men57b] N. S. Mendelsohn. An iterative method for the solution of linear equations based on the power method for proper vectors. *Mathematical Tables and Other Aids to Computation*, 11(58):88–91, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Meyer:1957:MIL

[MH57] H. I. Meyer and B. J. Hollingsworth. A method of inverting large matrices of special form. *Mathematical Tables and Other Aids to Computation*, 11(58):94–97, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Miller:1958:SCE

[MH58] James Miller and R. P. Hurst. Simplified calculation of the exponential integral. *Mathematical Tables and Other Aids to Computation*, 12(63):187–193, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Miller:1950:CD

[Mil50] J. C. P. Miller. Checking by differences—I. *Mathematical Tables and Other Aids to Computation*, 4(29):3–11, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Miller:1957:NGS

[Mil57] J. C. P. Miller. Note on the general solution of the confluent hypergeometric equation. *Mathematical Tables and Other*

Aids to Computation, 11(58):97–99, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Mirsepassi:1959:GEC

[Mir59] T. Mirsepassi. Graphical evaluation of a convolution integral. *Mathematical Tables and Other Aids to Computation*, 13(67): 202–212, July 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Mitchell:1959:ICB

[Mit59] A. R. Mitchell. The influence of critical boundary conditions on finite difference solutions of two point boundary value problems. *Mathematical Tables and Other Aids to Computation*, 13(68):252–260, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Morton:1956:TNS

[MNR56] K. W. Morton, H. Nagler, and Hans Riesel. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 10(56):223–227, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Montgomerie:1950:ASL

[Mon50] G. A. Montgomerie. Addition and subtraction on a logarithmic slide rule (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 4(29): 53, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Morton:1951:CDC

[Mor51] Paul L. Morton. The California digital computer. *Mathematical Tables and Other Aids to Computation*, 5(34):57–61, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Morrison:1956:MCC

[Mor56] D. R. Morrison. A method for computing certain inverse functions. *Mathematical Tables and Other Aids to Computation*, 10(56):202–208, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Moran:1958:ARB

[Mor58] P. A. P. Moran. Approximate relations between series and integrals. *Mathematical Tables and Other Aids to Computation*, 12(61):34–37, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Metropolis:1950:STV

[MRvN50] N. C. Metropolis, G. Reitwiesner, and J. von Neumann. Statistical treatment of values of first $2,000$ decimal digits of e and of π calculated on the ENIAC. *Mathematical Tables and Other Aids to Computation*, 4(30):109–111, 1950.

MacMillan:1951:FDC

[MS51] Donald B. MacMillan and Richard H. Stark. "floating decimal" calculation on the IBM card programmed electronic calculator (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 5(34):86–92, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Muller:1956:MSA

[Mul56] David E. Muller. A method for solving algebraic equations using an automatic computer. *Mathematical Tables and Other Aids to Computation*, 10(56):208–215, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Muller:1958:IMG

[Mul58] Mervin E. Muller. An inverse method for the generation of random normal deviates on large-scale computers. *Mathematical Tables and Other Aids to Computation*, 12(63):167–174, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Maxfield:1951:GSS

[MW51] John E. Maxfield and Frederick V. Waugh. A graphic solution of simultaneous linear equations (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 5(36):246–248, October 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Murnaghan:1959:DCA

[MW59] F. D. Murnaghan and J. W. Wrench, Jr. The determination of the Chebyshev approximating polynomial for a differentiable function. *Mathematical Tables and Other Aids to Computation*, 13(67):185–193, July 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Neustadt:1959:MCE

[Neu59] Lucien Neustadt. A method of computing eigenvectors and eigenvalues on an analog computer. *Mathematical Tables and Other Aids to Computation*, 13(67):194–201, July 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Newman:1957:CDHa

[New57a] Morris Newman. Comment: D. H. Lehmer, *On the diophantine equation* $x^3 + y^3 + z^3 = 1$, London Math. Soc., Jn., v. 31, 1956, p. 275–280. *Mathematical Tables and Other Aids to Computation*, 11(58): 106–107, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Newman:1957:CDHb

[New57b] Morris Newman. Comment: D. H. Lehmer, *On the roots of the Riemann zeta-function*, Acta Mathematica, v. 95, 1956, p. 291–298. *Mathematical Tables and Other Aids to Computation*, 11(58): 107–108, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Newman:1957:CEB

[New57c] Morris Newman. Comment: O. Emersleben, *Anwendungen zahlentheoretischer Abschatzungen bei numerischen Rechnungen*, Z. angew. Math. Mech., v. 33, 1953, p. 1-3. O. Emersleben, *Über Summen Epsteinscher Zetafunktionen regelmassig Verteilter unterer' Parameter*, Math. Nachr., v. 13, 1955, p. 59-72. O. Emersleben, *Über Zwei Epsteinsche Zetafunktionen 4. und 8. Ordnung*, Ber. Math. Tagung, 1953, p. 233-250. O. Emersleben, *Über eine doppelperiodische Parallelströmung zäher Flüssigkeiten*, Z. angew. Math. Mech., v. 35, 1955, p. 156–160. *Mathematical Tables and Other Aids to Computation*, 11(58): 109–110, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Nicholson:1955:SCN

[NJ55] S. C. Nicholson and J. Jeenel. Some comments on a NORC computation of π. *Mathematical Tables and Other Aids to Computation*, 9(52):162–164, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002052`.

Opler:1951:MCM

[Opl51] Ascher Opler. Monte Carlo matrix calculation with punched card machines. *Mathematical Tables and Other Aids to Compu-*

tation, 5(35):115–120, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ostrowski:1952:RDT

[Ost52] A. M. Ostrowski. On the rounding off of difference tables for linear interpolation. *Mathematical Tables and Other Aids to Computation*, 6(40):212–214, October 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ostrowski:1953:URT

[Ost53] A. Ostrowski. On over and under relaxation in the theory of the cyclic single step iteration. *Mathematical Tables and Other Aids to Computation*, 7(43):152–159, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ostrowski:1958:GSD

[Ost58] Alexander M. Ostrowski. On Gauss' speeding up device in the theory of single step iteration. *Mathematical Tables and Other Aids to Computation*, 12(62):116–132, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Pearcey:1952:TDA

[Pea52] T. Pearcey. Technical developments: An automatic computer in Australia (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 6(39):167–172, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Peirce:1957:NIS

[Pei57] William H. Peirce. Numerical integration over the spherical shell. *Mathematical Tables and Other Aids to Computation*, 11(60):244–249, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Perry:1952:MAP

[Per52] David P. Perry. Minimum access programming (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 6(39):172–182, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Parker:1958:SAM

[PN58] E. T. Parker and Paul J. Nikolai. A search for analogues of the Mathieu group. *Mathematical Tables and Other Aids to Computation*, 12(61):38–43, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Polachek:1959:CTE

[Pol59] Harry Polachek. Calculation of transient excitation of ship hulls by finite difference methods. *Mathematical Tables and Other Aids to Computation*, 13(66):109–116, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Porter:1956:IND

[Por56] R. J. Porter. On irregular negative determinants of exponent $9n$. *Mathematical Tables and Other Aids to Computation*, 10(53):22–25, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Postley:1955:MES

[Pos55] J. A. Postley. A method for the evaluation of a system of Boolean algebraic equations. *Mathematical Tables and Other Aids to Computation*, 9(49):5–8, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Pasta:1959:HNW

[PU59] John R. Pasta and S. Ulam. Heuristic numerical work in some problems of hydro-

dynamics. *Mathematical Tables and Other Aids to Computation*, 13(65):1–12, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Riley:1959:GQS

[RB59] J. A. Riley and C. Billings. Gaussian quadrature of some integrals involving Airy functions. *Mathematical Tables and Other Aids to Computation*, 13(66):97–101, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Reitwiesner:1950:EDM

[Rei50a] George W. Reitwiesner. An ENIAC determination of π and e to more than 2000 decimal places. *Mathematical Tables and Other Aids to Computation*, 4(29):11–15, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002695`.

Reiz:1950:SCQ

[Rei50b] A. Reiz. On a special case of a quadrature formula of christoffel. *Mathematical Tables and Other Aids to Computation*, 4(32):181–185, October 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Rhodes:1957:CLE

[Rho57] Ida Rhodes. Comment: S. A. Lebedev, Elektronnye Vyclislitel'nye Mashiny i Obrabotka Informatksi (Electronic Computing Machines and Information Processes), Akad. Nauk SSSR, Moscow, 1956, 47 p., 20 cm. Price 65 kopeks. *Mathematical Tables and Other Aids to Computation*, 11(58):124–125, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Riesel:1958:MNT

[Rie58] Hans Riesel. Mersenne numbers (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 12(63):207–213, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Riley:1954:IPD

[Ril54] James D. Riley. Iteration procedures for the Dirichlet difference problem. *Mathematical Tables and Other Aids to Computation*, 8(47):125–131, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Riley:1955:SSL

[Ril55] James D. Riley. Solving systems of linear equations with a positive definite, symmetric, but possibly ill-conditioned matrix. *Mathematical Tables and Other Aids to Computation*, 9(51):96–101, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Ritchie:1950:DI

[Rit50] R. H. Ritchie. On a definite integral. *Mathematical Tables and Other Aids to Computation*, 4(30):75–77, April 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Robinson:1957:SFN

[Rob57] Raphael M. Robinson. Some factorizations of numbers of the form $2^n \pm 1$. *Mathematical Tables and Other Aids to Computation*, 11(60):265–268, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Roman:1959:STS

[Rom59] Irwin Roman. Skip-term summation of sequences (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids*

to Computation, 13(66):117–121, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Rabinowitz:1959:TAW

[RW59] Philip Rabinowitz and George Weiss. Tables of abscissas and weights for numerical evaluation of integrals of the form $\int_0^\infty e^{-x} x^n f(x) dx$. *Mathematical Tables and Other Aids to Computation*, 13 (68):285–294, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stegun:1957:GBF

[SA57] Irene A. Stegun and Milton Abramowitz. Generation of Bessel functions on high speed computers. *Mathematical Tables and Other Aids to Computation*, 11(60):255–257, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Sadler:1950:MIT

[Sad50] D. H. Sadler. Maximum-interval tables. *Mathematical Tables and Other Aids to Computation*, 4(31):129–132, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1951:FCE

[Sal51a] H. E. Salzer. Formulas for calculating the error function of a complex variable. *Mathematical Tables and Other Aids to Computation*, 5(34):67–70, April 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1951:FFA

[Sal51b] H. E. Salzer. Formulas for finding the argument for which a function has a given derivative. *Mathematical Tables and Other Aids to Computation*, 5(36):213–215, October 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1951:RTT

[Sal51c] H. E. Salzer. Radix table for trigonometric functions and their inverses to high accuracy. *Mathematical Tables and Other Aids to Computation*, 5(33):9–11, January 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1955:OPA

[Sal55] Herbert E. Salzer. Orthogonal polynomials arising in the numerical evaluation of inverse Laplace transforms. *Mathematical Tables and Other Aids to Computation*, 9(52):164–177, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1956:FPS

[Sal56] Herbert E. Salzer. Formulas for the partial summation of series. *Mathematical Tables and Other Aids to Computation*, 10(55): 149–156, July 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1957:EWQ

[Sal57] Herbert E. Salzer. Equally-weighted quadrature formulas for inversion integrals (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 11(59):197–200, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salton:1959:UCL

[Sal59] Gerard Salton. The use of the central limit theorem for interpolating in tables of probability distribution functions. *Mathematical Tables and Other Aids to Computation*, 13(67):213–216, July 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Saibel:1953:FCE

[SB53] Edward Saibel and W. J. Berger. On finding the characteristic equation of a square matrix. *Mathematical Tables and Other Aids to Computation*, 7(44):228–236, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Schwartz:1954:RPC

[Sch54] Lorraine Schwartz. Review of P. C. Mahalanobis, *Tables of random samples from a normal population. Mathematical Tables and Other Aids to Computation*, 8 (48):228–230, October 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Schechter:1959:ICM

[Sch59] Samuel Schechter. On the inversion of certain matrices. *Mathematical Tables and Other Aids to Computation*, 13(66):73–77, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Selfridge:1953:NFF

[Sel53] J. L. Selfridge. Note: Factors of Fermat numbers. *Mathematical Tables and Other Aids to Computation*, 7(44):274–275, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002843`.

Sherry:1959:CGF

[SF59] M. E. Sherry and S. Fulda. Calculation of gamma functions to high accuracy (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(68):314–315, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Shanks:1954:LA

[Sha54] Daniel Shanks. A logarithm algorithm. *Mathematical Tables and Other Aids to Computation*, 8(46):60–64, April 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Shanks:1959:QRD

[Sha59a] Daniel Shanks. Quadratic residues and the distribution of primes. *Mathematical Tables and Other Aids to Computation*, 13(68):272–284, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Shanks:1959:SMF

[Sha59b] Daniel Shanks. A sieve method for factoring numbers of the form $n^2 + 1$. *Mathematical Tables and Other Aids to Computation*, 13(66):78–86, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Sheldon:1955:NSE

[She55] John W. Sheldon. On the numerical solution of elliptic difference equations. *Mathematical Tables and Other Aids to Computation*, 9(51):101–112, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Sheldon:1958:AAL

[She58] J. W. Sheldon. Algebraic approximations for Laplace's equation in the neighborhood of interfaces. *Mathematical Tables and Other Aids to Computation*, 12(63):174–186, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1958:ELT

[SK58] Herbert E. Salzer and Genevieve M. Kimbro. Extension of Lindow's tables for numerical differentiation using Newton–Stirling and Newton–Bessel differences. *Mathematical Tables and Other Aids to Computation*, 12(62):133–140, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Skillman:1959:EMS

[Ski59] Sherwood Skillman. Efficient method for solving atomic Schrödinger's equation (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(68):299–302, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Salzer:1958:TNS

[SL58] Herbert E. Salzer and Norman Levine. Technical notes and short papers. *Mathematical Tables and Other Aids to Computation*, 12(62):141–144, April 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stoller:1958:MNI

[SM58] L. Stoller and D. Morrison. A method for the numerical integration of ordinary differential equations. *Mathematical Tables and Other Aids to Computation*, 12 (64):269–272, October 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Smith:1957:GPP

[Smi57] Herschel F. Smith. On a generalization of the prime pair problem. *Mathematical Tables and Other Aids to Computation*, 11(60):249–254, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Smith:1959:TTI

[Smi59] Richard B. Smith. Two theorems on inverses of finite segments of the generalized Hilbert matrix. *Mathematical Tables and Other Aids to Computation*, 13(65):41–43, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Snyder:1955:ISS

[Sny55] James N. Snyder. On the improvement of the solutions to a set of simultaneous linear equations using the ILLIAC. *Mathematical Tables and Other Aids to Computation*, 9(52):177–184, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Soden:1953:NMR

[Sod53] Walter Soden. Note: a method of radix conversion. *Mathematical Tables and Other Aids to Computation*, 7(44):273–274, October 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002843`.

Southard:1956:EFB

[Sou56] Thomas H. Southard. Everett's formula for bivariate interpolation and throwback of fourth differences. *Mathematical Tables and Other Aids to Computation*, 10 (56):216–223, October 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Southard:1957:ATW

[Sou57] Thomas H. Southard. Approximation and table of the Weierstrass $\wp$ function in the equianharmonic case for real argument. *Mathematical Tables and Other Aids to Computation*, 11(58):99–100, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Sprague:1952:TDF

[Spr52] R. E. Sprague. Technical developments: Fundamental concepts of the digital differential analyzer method of computation (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 6(37):41–49, January 1952. CO-

DEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Scherberg:1953:ACP

[SR53] Max G. Scherberg and John F. Riordan. Analogue calculation of polynomial and trigonometric expansions (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 7(41):61–65, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stoller:1959:CCC

[SS59] D. S. Stoller and L. C. Stoller. Calculating the coefficients of certain linear predictors (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(66):122–124, April 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stein:1951:TDP

[Ste51] P. Stein. Technical developments: Provision for expansion in the SEAC (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 5(36):232–240, October 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Sterne:1953:ANS

[Ste53] Theodore E. Sterne. The accuracy of numerical solutions of ordinary differential equations. *Mathematical Tables and Other Aids to Computation*, 7(43):159–164, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stibitz:1950:NMC

[Sti50] G. R. Stibitz. A note on "is" and "might be" in computers (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 4(31):168–169, July 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stone:1953:TDU

[Sto53] J. J. Stone. Technical developments: The USAF–Fairchild Specialized Computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 7(41):34–37, January 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stroud:1957:RDP

[Str57] A. H. Stroud. Remarks on the disposition of points in numerical integration formulas. *Mathematical Tables and Other Aids to Computation*, 11(60):257–261, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Suschowk:1959:EFA

[Sus59] Dietrich Suschowk. Explicit formulae for 25 of the associated Legendre functions of the second kind (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(68):303–305, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Sheldon:1957:TSU

[SZF57] J. W. Sheldon, B. Zondek, and M. Friedman. On the time-step to be used for the computation of orbits by numerical integration. *Mathematical Tables and Other Aids to Computation*, 11(59):181–189, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

JT:1951:ENA

[T.51] J. T. Editorial note (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 5(35):167, July 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only 'J. T.' as author.

T:1957:CJC

[T.57a] A. H. T. Comment: J. Crank, *The Mathematics of Diffusion*, Oxford University Press, New York, 1956, vi + 347 p., 23.5 cm. Price $8.00. *Mathematical Tables and Other Aids to Computation*, 11(58): 119–120, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CMV

[T.57b] A. H. T. Comment: Marcel van Laethem, *Une Méthode Nouvelle et Générale de Calcul des Intégrales Géneralisiées*, Publications Universitaires de Louvain, Louvain (Belgique), 1956, viii + 180 p., 23 cm. Price 250 Fr.b. ($5.00). *Mathematical Tables and Other Aids to Computation*, 11(58): 120–121, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:BRV

[T.57c] C. B. T. Book review: A. V. Lebedev and R. M. Fedorova, *Spravochnik po Matematicheskim Tablitsam (Guide to Mathematical Tables)*, Moscow, 1956, xlvi + 549 p., 26 cm. Price 29.20 rubles. *Mathematical Tables and Other Aids to Computation*, 11(58):104–106, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CFH

[T57d] C. B. T. Comment: F. H. Hollander and C. B. Tompkins, *What you should know about digital computers*, Chem. Eng. Prog., v. 52, 1956, p. 451–454. *Mathematical Tables and Other Aids to Computation*, 11 (58):110, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CNA

[T.57e] C. B. T. Comment: NBS Applied Mathematics Series, No. 35, *Tables of Lagrangian Coefficients for Sexagesimal Interpolation*, U. S. Govt. Printing Office, Wash- ington, D. C., 1954, ix + 157 p., 26 cm. Price $2.00. *Mathematical Tables and Other Aids to Computation*, 11(58):108, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CHS

[T.57f] C. B. T. Comment: T. H. Southard, *Approximation and table of the Weierstrass $\wp$ function in the equianharmonic case for real argument*. [MTAC, this issue, p. 99–100]. *Mathematical Tables and Other Aids to Computation*, 11(58):110, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CSB

[T.57g] J. T. Comment: E. Salzer, *Coefficients for complex osculatory interpolation over a Cartesian grid*, J. Math. Phys., v. 35, 1956, p. 152–163. *Mathematical Tables and Other Aids to Computation*, 11(58):109, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

T:1957:CEG

[T.57h] J. T. Comment: Ernst Glowatzki, *Sechsstellige Tafel der Cauer-Parameter*, Abh. Bayer. Akad. Wiss. Math.-Nat. Kl. (N.F.), v. 67, 1955, 37 p. *Mathematical Tables and Other Aids to Computation*, 11 (58):111, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (elec-

tronic). URL `http://www.jstor.org/stable/2002157`.

Taussky:1950:NNA

[Tau50] Olga Taussky. Notes on numerical analysis. II. Note on the condition of matrices. *Mathematical Tables and Other Aids to Computation*, 4(30):111–112, 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Taussky:1956:AMT

[Tau56] Olga Taussky. Alan Mathison Turing 1912–1954. *Mathematical Tables and Other Aids to Computation*, 10(55):180–181, 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Teichroew:1952:UCF

[Tei52] D. Teichroew. Use of continued fractions in high speed computing. *Mathematical Tables and Other Aids to Computation*, 6(39):127–133, July 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Thacher:1957:OQF

[Tha57] Henry C. Thacher, Jr. Optimum quadrature formulas in s dimensions. *Mathematical Tables and Other Aids to Computation*, 11(59):189–194, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Todd:1950:SDE

[Tod50] John Todd. Solution of differential equations by recurrence relations (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 4(29):39–44, January 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Tompkins:1956:RMR

[Tom56] C. B. Tompkins. Review of *A Million Random Digits With 100,000 Normal Deviates*. *Mathematical Tables and Other Aids to Computation*, 10(53):39–43, January 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Tomizuka:1957:CSB

[Tom57] C. T. Tomizuka. Comment: T. Sasaki, *The Effect of Earth and Sea on the Propagation of Radio Waves*, Numerical Computation Bureau, Report No. 6, Tokyo, 1952. 14 mimeographed pages of theory, 25 cm., and 6 tables of functions, 25 × 34 cm. *Mathematical Tables and Other Aids to Computation*, 11(58):111–112, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Tweedie:1954:MAN

[Twe54] M. C. K. Tweedie. A modification of the Aitken–Neville linear iterative procedures for polynomial interpolation. *Mathematical Tables and Other Aids to Computation*, 8(45):13–16, January 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Viswanathan:1957:SPE

[Vis57] R. V. Viswanathan. Solution of Poisson's equation by relaxation method—normal gradient specified on curved boundaries. *Mathematical Tables and Other Aids to Computation*, 11(58):67–78, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

vonNeumann:1953:NSC

[vNG53] J. von Neumann and H. H. Goldstine. A numerical study of a conjecture of Kummer. *Mathematical Tables and Other Aids to Computation*, 7:133–134, 1953. CODEN

MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

vonNeumann:1955:CFE

[vNT55] John von Neumann and Bryant Tuckerman. Continued fraction expansion of $2^{1/3}$. *Mathematical Tables and Other Aids to Computation*, 9(49):23–25, January 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Votaw:1951:HSS

[VR51] D. F. Votaw, Jr. and J. A. Rafferty. High speed sampling. *Mathematical Tables and Other Aids to Computation*, 5(33):1–8, January 1951. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wagner:1954:PMI

[Wag54] Harvey M. Wagner. A partitioning method of inverting symmetric definite matrices on a card-programmed calculator. *Mathematical Tables and Other Aids to Computation*, 8(47):139–143, July 1954. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wagner:1957:LAO

[Wag57] Harvey M. Wagner. A lemma for automatic optimum programming on the IBM 650. *Mathematical Tables and Other Aids to Computation*, 11(58):101–104, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002156`.

Walker:1953:TDS

[Wal53] J. P. Walker, Jr. Technical developments: a special purpose digital computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 7(43):190–195, July 1953. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wall:1958:MTI

[Wal58] D. D. Wall. Multiplication time on the IBM 709 (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 12(63):217–218, July 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Warner:1957:SJP

[War57] F. J. Warner. On the solution of "jury" problems with many degrees of freedom. *Mathematical Tables and Other Aids to Computation*, 11(60):268–271, October 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wasow:1952:NIM

[Was52] W. R. Wasow. A note on the inversion of matrices by random walks. *Mathematical Tables and Other Aids to Computation*, 6(38):78–81, April 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wasow:1958:AID

[Was58] Wolfgang Wasow. On the accuracy of implicit difference approximations to the equation of heat flow. *Mathematical Tables and Other Aids to Computation*, 12(61): 43–55, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Weeg:1959:NIT

[Wee59] Gerard P. Weeg. Numerical integration of $\int_0^\infty e^{-x} J_0\left(\frac{\eta x}{\xi}\right) J_1\left(\frac{x}{\xi}\right) x^{-n} dx$ (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 13(68):312–313, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wilkinson:1955:UIM

[Wil55] J. H. Wilkinson. The use of iterative methods for finding the latent roots and vectors of matrices. *Mathematical Tables and Other Aids to Computation*, 9(52):184–191, October 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wilf:1957:OFN

[Wil57a] Herbert S. Wilf. An open formula for the numerical integration of first order differential equations (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 11(59):201–203, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wilson:1957:CWW

[Wil57b] W. L. Wilson, Jr. Comment: W. L. Wilson, Jr., *Tables of Inverses to Laplacian Operators over Triangular Grids*, two typewritten leaves 81×11 inches and one transparency 27×48 inches deposited in UMT File. *Mathematical Tables and Other Aids to Computation*, 11(58):108, April 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL `http://www.jstor.org/stable/2002157`.

Wilf:1958:OFN

[Wil58] Herbert S. Wilf. An open formula for the numerical integration of first order differential equations (II). *Mathematical Tables and Other Aids to Computation*, 12(61):55–58, January 1958. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wolf:1952:ONR

[Wol52] J. Jay Wolf. The Office of Naval Research relay computer. *Mathematical Tables and Other Aids to Computation*, 6(40):207–212, October 1952. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Worsley:1955:SND

[Wor55] Beatrice H. Worsley. Solutions of a nonlinear differential equation arising in the theory of diffusion flames. *Mathematical Tables and Other Aids to Computation*, 9(51):112–116, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wilkes:1950:EED

[WR50] M. V. Wilkes and W. Renwick. The EDSAC (electronic delay storage automatic calculator). *Mathematical Tables and Other Aids to Computation*, 4(30):61–65, April 1950. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wilkes:1957:NMC

[WW57] M. V. Wilkes and D. J. Wheeler. Note on "A method for computing certain inverse functions" (in Technical Notes and Short Papers). *Mathematical Tables and Other Aids to Computation*, 11(59):204, July 1957. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Wynn:1956:DCT

[Wyn56] P. Wynn. On a device for computing the $e_m(S_n)$ transformation. *Mathematical Tables and Other Aids to Computation*, 10(54):91–96, April 1956. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Zondek:1959:EPA

[ZS59] B. Zondek and J. W. Sheldon. On the error propagation in Adams' extrapolation method. *Mathematical Tables and Other Aids to Computation*, 13(65):52–55, January 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).