

A Complete Bibliography of Publications in *Mathematical Tables* and [Other] Aids to Computation, 1940–1949

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Title word cross-reference

38 [Mit48]. $I_n(X)$ [D. 44]. π [FW48, SWF47].
 $Y_0(z)$, $Y_1(z)$ [HS49]. $Y_1'(z)$ [HS49].

50th [Gau94].

602 [Ver49].

Accuracy [Ste49]. **Addenda** [Ano45b, Ano45c].
Addendum [Ano43c, Ano45d]. **Admiralty** [TS47].
Advanced [R. 46]. **Aid** [Ver49]. **Aids**
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Anniversary [Gau94]. **Application**
[Hae48, L. 46]. **Applications** [McP48]. **applied**
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August [Gau94]. **Author** [Arc47]. **Automatic**
[BCE48a, Cli48, HL48, Hof49, Hol48, KL49, Lev48,

Lot48, Lub48, McP48, Mer49, Moo49, Sti47b,
Ano48f, Ano48g, Ano48h, Ano48i, Ano49e, Ano49f,
Ano49g, Ano49h, Lyn47, Raj47].

B.A.A.S. [R.C43a]. **be** [Sti47b]. **Bell**
[Alt48a, Alt48b]. **Bessel**
[Abr45, Ano46e, BA44, D. 44]. **Bibliography**
[Arc47]. **Binary** [KL49]. **Biography** [Arc47].
Boundary [Hol48, Mer49, SL49]. **Britain**
[Wom46]. **British** [Gau94].

Calculating [Ble47, Cur47, L. 46, Ver49].
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[HC44]. **Cards** [W. 45]. **century** [Gau94]. **Certain**
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[SL49]. **Coefficients** [Sal48b, Sal48a]. **Columbia**
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[Gau94]. **Computer** [BCE48a, BCE48b, GG46, Gol72, Lyn47, McC49]. **Computers** [Sti47b]. **Computing** [Alt48a, Alt48b, Ano48e, Ano48f, Ano48g, Ano48h, Ano48i, Ano49e, Ano49f, Ano49g, Ano49h, BCE48a, Cli48, HL48, Hof49, Hol48, KL49, L. 46, Lev48, Lot48, Lub48, Lyn47, McP48, Mer49, Moo49, Raj47, Sti47b, TS47, Wom46]. **concerning** [Uhl46]. **Conclusion** [FW48]. **Cone** [Lot48]. **Conference** [R. 46]. **Considerations** [BCE48a]. **Conversion** [KL49]. **Corrigenda** [Ano43c, Ano43a, Ano43b, Ano44a, Ano44b, Ano44c, Ano44d, Ano45a, Ano45b, Ano45d, Ano45c, Ano46a, Ano46b, Ano46c, Ano46d, Ano47a, Ano47b, Ano47c, Ano47d, Ano48a, Ano48b, Ano48c, Ano48d, Ano49a, Ano49b, Ano49c, Ano49d]. **Cubic** [Ble47]. **Cumulative** [LWF72]. **Cylinder** [Lot48].

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G [Arc47]. **General** [BCE48a, Moo49]. **Graeffe** [Leh45]. **Great** [Wom46]. **Guide** [BA44, Fle48].

half [Gau94]. **half-century** [Gau94]. **Hermite** [Sal48a]. **High** [McP48]. **High-Speed** [McP48]. **Hilbert** [FM49].

IBM [Kin49, E.48]. **II** [Alt48b]. **Index** [LWF72]. **Institute** [McC49]. **integral** [BM46]. **Integrator** [GG46]. **Interpolation** [Ste49]. **Interval** [HC44]. **Inversion** [Che47, Mit48].

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Neumann [Gol72]. **Non** [R.C43b]. **Non-Sexagesimal** [R.C43b]. **Nonlinear** [HL48]. **Note** [Che47, D. 44]. **Number** [Ble47, Uhl46]. **Numbers** [KL49]. **Numerical** [GG46, Mer49, Mil44].

Observations [Hof49]. **Occurring** [Pra43]. **Odd** [Ble47]. **Optimum** [HC44]. **Optimum-Interval** [HC44]. **Order** [Ano46e, Mit48, Abr45, BM46]. **Ordinary** [Mer49]. **Other** [Ano48e, Sti48].

P. [Arc47]. **Parabolic** [HL48]. **Partial** [Lev48]. **Pascal** [Gol72]. **Phil.** [R. 44]. **Piecewise** [Har49]. **Places** [Mil44]. **Planned** [Cli48]. **Plotting**

[Kin49]. **Pluggable** [E.48]. **Point** [Lub48, Mer49]. **Polynomial** [Har49, Moo49]. **Polynomials** [Sal48b, Sal48a]. **Power** [Che47, Leh45]. **Powers** [Sal48b, Sal48a]. **Principal** [FM49]. **Printing** [EH47]. **Problem** [Cii48, SL49]. **Procedure** [Mer49]. **process** [Leh45]. **Publicist** [Arc47]. **Punch** [Ver49]. **Punched** [HC44, W. 45]. **Punched-Card** [HC44].

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Raytheon [BCE48a, BCE48b]. **Reduction** [Hof49]. **Relay** [E.48]. **Reports** [R.C43a]. **result** [Uhl46]. **Resulting** [FM49]. **Root** [Lad48, Sti48]. **Root-finder** [Sti48]. **Roots** [FM49, Moo49]. **Rule** [Sti47a].

Scale [Cur47, Har49, McP48]. **Scarce** [Bee47]. **Scheutz** [Arc47]. **Scientific** [Arc47, L. 46, Wom46]. **Sequence** [E.48]. **Series** [Che47, FM49, Mil44, Leh45]. **Service** [TS47]. **Sexagesimal** [R.C43b]. **Should** [Sti47b]. **Simultaneous** [Lad48, Ver49]. **Slide** [Sti47a]. **Small** [Sti47b]. **Solution** [Ble47, Lev48, Mer49, Ver49]. **Solving** [Lad48, Fra45]. **Speed** [McP48]. **Square** [Lad48]. **Standard** [Kin49]. **Statistical** [McP48]. **Structures** [Pra43]. **Symposium** [Cur47, Gau94].

Table [Bee47]. **Tables** [BA44, Fle48, HC44, Pra43, R.C43a, R.C43b, R. 44, Ste49, W. 45, EH47].

Tabulation [Bic45, BM46]. **Technical** [Ano48f, Ano48g, Ano48h, Ano48i, Ano49e, Ano49f, Ano49g, Ano49h, Raj47]. **Techniques** [R. 46]. **Technology** [McC49]. **Telephone** [Alt48a, Alt48b]. **Terms** [Sal48b, Sal48a]. **Testing** [Mil44]. **their** [BM46]. **Theorem** [FM49]. **Thirty** [Sal48a]. **Trigonometric** [R.C43b]. **Tube** [Hae48]. **Twenty** [Sal48b]. **Twenty-Four** [Sal48b]. **Two** [Mer49]. **Two-Point** [Mer49].

UNIVAC [SL49]. **Used** [Hof49].

Value [SL49]. **Values** [Mer49]. **Vancouver** [Gau94]. **Various** [Hof49]. **Volumes** [LWF72].

Work [McP48].

Zeros [Abr45, Ano46e, HS49]. **Zuse** [Lyn47].

References

Abramowitz:1945:ZCB

[Abr45] Milton Abramowitz. Zeros of certain Bessel functions of fractional order. *Mathematical Tables and Other Aids to Computation*, 1(9):353–354, January 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Alt:1946:MM

[Alt46] Franz L. Alt. Multiplication of matrices. *Mathematical Tables and Other Aids to Computation*, 2(13):12–13, January 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Alt:1948:BTLa

[Alt48a] Franz L. Alt. A Bell Telephone Laboratories' computing machine—I. *Mathematical Tables and Other Aids to Computation*, 3(21):1–13, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Alt:1948:BTLa

[Alt48b] Franz L. Alt. A Bell Telephone Laboratories' computing machine—II. *Mathematical Tables and Other Aids to Computation*, 3(22):69–84, April 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1943:Cb

[Ano43a] Anonymous. Corrigenda. *Mathematical Tables and Aids to Computation*, 1(2):68, April 1943. CODEN MTTCAS. ISSN 2836-5658.

- Anonymous:1943:Cc**
- [Ano43b] Anonymous. Corrigenda. *Mathematical Tables and Aids to Computation*, 1(3):100, July 1943. CODEN MTTCAS. ISSN 2836-5658.
- Anonymous:1943:CA**
- [Ano43c] Anonymous. Corrigenda et addendum. *Mathematical Tables and Aids to Computation*, 1(4):132, October 1943. CODEN MTTCAS. ISSN 2836-5658.
- Anonymous:1944:Ca**
- [Ano44a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 1(5):171, April 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1944:Cb**
- [Ano44b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 1(6):204, April 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1944:Cc**
- [Ano44c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 1(7):308, July 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1944:Cd**
- [Ano44d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 1(8):336, October 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1945:C**
- [Ano45a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 1(10):408, April 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1945:CAa**
- [Ano45b] Anonymous. Corrigenda et addenda. *Mathematical Tables and Other Aids to Computation*, 1(9):375, January 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1945:CAC**
- [Ano45c] Anonymous. Corrigenda et addenda. *Mathematical Tables and Other Aids to Computation*, 1(12):460, October 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1945:CAB**
- [Ano45d] Anonymous. Corrigenda et addendum. *Mathematical Tables and Other Aids to Computation*, 1(11):432, July 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1946:Ca**
- [Ano46a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(13):63–64, January 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1946:Cb**
- [Ano46b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(14):95–96, April 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Anonymous:1946:Cc**
- [Ano46c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(15):148, July 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1946:Cd

[Ano46d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(16):196, October 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1946:MZC

[Ano46e] Anonymous. More zeros of certain Bessel functions of fractional order. *Mathematical Tables and Other Aids to Computation*, 2(15):118–119, July 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1947:Ca

[Ano47a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(17):228, January 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1947:Cb

[Ano47b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(18):288, April 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1947:Cc

[Ano47c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(19):320, July 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1947:Cd

[Ano47d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 2(20):375, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:Ca

[Ano48a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(21):67, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:Cb

[Ano48b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(22):147, April 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:Cc

[Ano48c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(23):227, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:Cd

[Ano48d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(24):332, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:NCC

[Ano48e] Anonymous. A new class of computing aids (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 3(23):217–221, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:TDAa

[Ano48f] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(21):44, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:TDAb

- [Ano48g] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(22):121, April 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:TDAc

- [Ano48h] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(23):206, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1948:TDAd

- [Ano48i] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(24):317, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:Ca

- [Ano49a] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(25):398, January 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:Cb

- [Ano49b] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(26):452, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:Cc

- [Ano49c] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(27):499, July 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:Cd

- [Ano49d] Anonymous. Corrigenda. *Mathematical Tables and Other Aids to Computation*, 3(28):563, October 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:TDAa

- [Ano49e] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(25):373, January 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:TDAb

- [Ano49f] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(26):426, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:TDAc

- [Ano49g] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(27):486, July 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Anonymous:1949:TDAd

- [Ano49h] Anonymous. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 3(28):532, October 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Archibald:1947:PGS

- [Arc47] Raymond C. Archibald. P. G. Scheutz, publicist, author, scientific mechanician, and Edvard Scheutz, engineer—biography and bibliography. *Mathematical Tables and*

Other Aids to Computation, 2(18):238–245, April 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘R. C. A.’ as author: Goldstine [Gol72, page 16–17] confirms that the author of this paper is Raymond C. Archibald.

Bateman:1944:GTB

- [BA44] Harry Bateman and Raymond Clare Archibald. A guide to tables of Bessel functions. *Mathematical Tables and Other Aids to Computation*, 1(7):205–308, July 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bloch:1948:GDC

- [BCE48a] R. M. Bloch, R. V. D. Campbell, and M. Ellis. General design considerations for the Raytheon computer (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(24):317–323, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bloch:1948:LDR

- [BCE48b] R. M. Bloch, R. V. D. Campbell, and M. Ellis. The logical design of the Raytheon computer. *Mathematical Tables and Other Aids to Computation*, 3(24):286–295, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Beeger:1947:SFT

- [Bee47] N. G. W. H. Beeger. On a scarce factor table. *Mathematical Tables and Other Aids to Computation*, 2(20):326–330, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bickley:1945:TMF

- [Bic45] W. G. Bickley. The tabulation of Mathieu functions. *Mathematical Tables and Other Aids to Computation*, 1(11):409–419, July

1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bleick:1947:CMS

- [Ble47] W. E. Bleick. Calculating machine solution of quadratic and cubic equations by the odd number method. *Mathematical Tables and Other Aids to Computation*, 2(20):321–324, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Bickley:1946:MFI

- [BM46] W. G. Bickley and N. W. McLachlan. Mathieu functions of integral order and their tabulation. *Mathematical Tables and Other Aids to Computation*, 2(13):1–11, January 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Chernoff:1947:NIP

- [Che47] H. Chernoff. A note on the inversion of power series. *Mathematical Tables and Other Aids to Computation*, 2(20):331–335, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Clippinger:1948:APP

- [Cli48] R. E. Clippinger. Airflow problem planned for the ENIAC (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(23):206–207, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Curtiss:1947:SLS

- [Cur47] J. H. Curtiss. A symposium of large scale digital calculating machinery. *Mathematical Tables and Other Aids to Computation*, 2(18):229–238, April 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

- [D. 44] **DHL:1944:NCB**
 D. H. L. Note on the computation of the Bessel function $I_n(X)$. *Mathematical Tables and Other Aids to Computation*, 1(5):133–135, April 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘D. H. L.’ as author: probably D. H. Lehmer.
- [E.48] **WJE:1948:IPS**
 W. J. E. The IBM pluggable sequence relay calculator. *Mathematical Tables and Other Aids to Computation*, 3(23):149–161, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘W. J. E.’ as author.
- [EH47] **WJE:1947:PMT**
 W. J. E. and Ralph F. Haupt. The printing of mathematical tables. *Mathematical Tables and Other Aids to Computation*, 2(17):197–202, January 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘W. J. E.’ as first author.
- [Fle48] **Fletcher:1948:GTE**
 Alan Fletcher. Guide to tables of elliptic functions. *Mathematical Tables and Other Aids to Computation*, 3(24):229–281, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- [FM49] **Fairthorne:1949:HDS**
 R. A. Fairthorne and J. C. P. Miller. Hilbert’s double series theorem and principal latent roots of the resulting matrix. *Mathematical Tables and Other Aids to Computation*, 3(26):399–400, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- [Fra45] **Frame:1945:MSA**
 J. S. Frame. Machines for solving algebraic equations. *Mathematical Tables and Other Aids to Computation*, 1(9):337–353, January 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- [FW48] **Ferguson:1948:NAC**
 D. F. Ferguson and John W. Wrench, Jr. A new approximation to π (conclusion). *Mathematical Tables and Other Aids to Computation*, 3(21):18–19, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL <http://www.jstor.org/stable/2002657>.
- [Gau94] **Gautschi:1994:MCH**
 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.
- [GG46] **Goldstine:1946:ENI**
 H. H. Goldstine and Adele Goldstine. The Electronic Numerical Integrator and Computer (ENIAC). *Mathematical Tables and Other Aids to Computation*, 2(15):97–110, July 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- [Gol72] **Goldstine:1972:CPN**
 Herman Heine Goldstine. *The Computer: From Pascal to von Neumann*. Princeton University Press, Princeton, NJ, USA, 1972. ISBN 0-691-02367-0 (paperback), 0-691-08104-2. xii + 378 pp. LCCN TK7885.A5 G64 1993. URL <http://www.jstor.org/stable/j.ctt7rvp0>. Second printing, 1973. Paperback edition 1980.

Fifth printing, 1993 with new preface. Reprint 2000 by Books on Demand, Ann Arbor, MI, USA.

Haeff:1948:MTA

- [Hae48] Andrew V. Haeff. The memory tube and its application to electronic computation. *Mathematical Tables and Other Aids to Computation*, 3(24):281–286, October 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Harrison:1949:PPA

- [Har49] Joseph O. Harrison, Jr. Piecewise polynomial approximation for large-scale digital calculators. *Mathematical Tables and Other Aids to Computation*, 3(26):400–407, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Herget:1944:OIP

- [HC44] Paul Herget and G. M. Clemence. Optimum-interval punched-card tables. *Mathematical Tables and Other Aids to Computation*, 1(6):173–176, April 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hicks:1948:NPE

- [HL48] Bruce L. Hicks and H. G. Landau. Nonlinear parabolic equations (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(23):207–208, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hoffleit:1949:CVC

- [Hof49] Dorrit Hoffleit. A comparison of various computing machines used in the reduction of Doppler observations (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(25):373–377, January 1949. CO-

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

Holberton:1948:LBL

- [Hol48] John V. Holberton. Laminar boundary layer flow in a compressible fluid (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(23):208, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Hillman:1949:CZ

- [HS49] Abraham Hillman and Iva Sherman. Complex zeros of $Y_0(z)$, $Y_1(z)$, and $Y_1'(z)$. *Mathematical Tables and Other Aids to Computation*, 3(25):351–352, January 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

King:1949:MPS

- [Kin49] Gilbert W. King. A method of plotting on standard IBM equipment. *Mathematical Tables and Other Aids to Computation*, 3(25):352–355, January 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Koons:1949:CND

- [KL49] Florence Koons and Samuel Lubkin. Conversion of numbers from decimal to binary form in the EDVAC (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(26):427–431, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

LJC:1946:ACC

- [L. 46] L. J. C. The application of commercial calculating machines to scientific computing. *Mathematical Tables and Other Aids to Computation*, 2(16):149–159, October 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original

journal has only ‘L. J. C.’ as author; possibly L. J. Comrie.

Laderman:1948:SRM

- [Lad48] Jack Laderman. The square root method for solving simultaneous linear equations. *Mathematical Tables and Other Aids to Computation*, 3(21):13–16, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lehmer:1945:GPA

- [Leh45] D. H. Lehmer. The Graeffe process as applied to power series. *Mathematical Tables and Other Aids to Computation*, 1(10):377–383, April 1945. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Levin:1948:ASP

- [Lev48] Joseph H. Levin. On the approximate solution of a partial differential equation on the differential analyzer (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(23):208–209, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lotkin:1948:CAA

- [Lot48] M. Lotkin. Computation of the airflow about a cone cylinder (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(23):209–210, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Lubkin:1948:DPL

- [Lub48] Samuel Lubkin. Decimal point locations in computing machines (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(21):44–50, January 1948. 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.

Lyndon:1947:ZCA

- [Lyn47] Roger C. Lyndon. The Zuse computer (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 2(20):354–359, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL <http://www.jstor.org/stable/2002238>.

McCann:1949:CIT

- [McC49] G. D. McCann. The California Institute of Technology electric analog computer. *Mathematical Tables and Other Aids to Computation*, 3(28):501–513, October 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

McPherson:1948:ALS

- [McP48] J. L. McPherson. Applications of large-scale high-speed computing machines to statistical work (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(22):121–126, April 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Meriam:1949:PMN

- [Mer49] J. L. Meriam. Procedure for the machine or numerical solution of ordinary linear differential equations for two-point linear boundary values (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*

- tion, 3(28):532–539, October 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Miller:1944:NTS**
- [Mil44] James Charles Percy Miller. Numerical testing of series by calculations to many places of decimals. *Mathematical Tables and Other Aids to Computation*, 1(8):309–312, October 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Mitchell:1948:IMO**
- [Mit48] Herbert F. Mitchell, Jr. Inversion of a matrix of order 38. *Mathematical Tables and Other Aids to Computation*, 3(23):161–166, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Moore:1949:NGM**
- [Moo49] Edward F. Moore. A new general method for finding roots of polynomial equations (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 3(27):486–488, July 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Prager:1943:TCF**
- [Pra43] W. Prager. Tables of certain functions occurring in dynamics of structures. *Mathematical Tables and Aids to Computation*, 1(4):101–103, October 1943. CODEN MTTCAS. ISSN 2836-5658.
- RCA:1944:MTP**
- [R. 44] R. C. A. Mathematical tables in Phil. Mag. *Mathematical Tables and Other Aids to Computation*, 1(5):135–141, April 1944. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘R. C. A.’ as author: possibly R. C. Archibald.
- RCA:1946:CAC**
- [R. 46] R. C. A. Conference on advanced computation techniques. *Mathematical Tables and Other Aids to Computation*, 2(14):65–68, April 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). Original journal has only ‘R. C. A.’ as author: possibly R. C. Archibald.
- Rajchman:1947:TDA**
- [Raj47] Jan A. Rajchman. Technical developments (in Automatic Computing Machinery). *Mathematical Tables and Other Aids to Computation*, 2(20):359–361, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- RCA:1943:MTR**
- [R.C43a] R.C.A. Mathematical tables in reports of the B.A.A.S. *Mathematical Tables and Aids to Computation*, 1(3):69–75, July 1943. CODEN MTTCAS. ISSN 2836-5658. Original journal has only ‘R. C. A.’ as author: possibly R. C. Archibald.
- RCA:1943:TTF**
- [R.C43b] R.C.A. Tables of trigonometric functions in non-sexagesimal arguments. *Mathematical Tables and Aids to Computation*, 1(2):33–44, April 1943. CODEN MTTCAS. ISSN 2836-5658. Original journal has only ‘R. C. A.’ as author: possibly R. C. Archibald.
- Salzer:1948:CEFa**
- [Sal48a] Herbert E. Salzer. Coefficients for expressing the first thirty powers in terms of the Hermite polynomials. *Mathematical Tables and Other Aids to Computation*, 3(23):167–169, July 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).
- Salzer:1948:CEFa**
- [Sal48b] Herbert E. Salzer. Coefficients for expressing the first twenty-four powers in terms

of the Legendre polynomials. *Mathematical Tables and Other Aids to Computation*, 3(21):16–18, January 1948. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Snyder:1949:CLB

- [SL49] Frances E. Snyder and Hubert M. Livingston. Coding of a Laplace boundary value problem for the UNIVAC. *Mathematical Tables and Other Aids to Computation*, 3(25):341–350, January 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stelson:1949:ALI

- [Ste49] Hugh E. Stelson. The accuracy of linear interpolation in tables of the mathematics of finance. *Mathematical Tables and Other Aids to Computation*, 3(26):408–412, April 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stibitz:1947:FSR

- [Sti47a] G. R. Stibitz. Film slide rule. *Mathematical Tables and Other Aids to Computation*, 2(20):325, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stibitz:1947:SAC

- [Sti47b] G. R. Stibitz. Should automatic computers be large or small? (in automatic computing machinery; discussions). *Mathematical Tables and Other Aids to Computation*, 2(20):362–364, October 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Stibitz:1948:ERF

- [Sti48] G. R. Stibitz. Electric root-finder (in Other Aids to Computation). *Mathematical Tables and Other Aids to Computation*, 3(24):328–329, October 1948. CO-

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

Smith:1947:NA

- [SWF47] L. B. Smith, J. W. Wrench, and D. F. Ferguson. A new approximation to π . *Mathematical Tables and Other Aids to Computation*, 2(18):245–248, April 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL <http://www.jstor.org/stable/2002296>.

Todd:1947:ACS

- [TS47] John Todd and D. H. Sadler. Admiralty Computing Service. *Mathematical Tables and Other Aids to Computation*, 2(19):289–297, July 1947. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic). URL <https://www.ams.org/journals/mcom/1947-02-019/S0025-5718-47-99582-3>; <https://www.jstor.org/stable/2002588>.

Uhler:1946:NRC

- [Uhl46] Horace S. Uhler. A new result concerning a Mersenne number. *Mathematical Tables and Other Aids to Computation*, 2(14):94, April 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Verzuh:1949:SSL

- [Ver49] Frank M. Verzuh. The solution of simultaneous linear equations with the aid of the 602 Calculating Punch. *Mathematical Tables and Other Aids to Computation*, 3(27):453–462, July 1949. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

WJE:1945:MTP

- [W. 45] W. J. E. Mathematical tables on punched cards. *Mathematical Tables and Other Aids to Computation*, 1(12):433–436, October 1945. CODEN MTTCAS. ISSN 0891-6837

(print), 2326-4853 (electronic). Original journal has only 'W. J. E.' as author.

Womersley:1946:SCG

- [Wom46] J. R. Womersley. Scientific computing in great britain. *Mathematical Tables and Other Aids to Computation*, 2(15):110–117, July 1946. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).