

# A Bibliography of Publications of *W. J. Cody*

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## Abstract

This bibliography records publications of W. J. Cody.

## Title word cross-reference

$-1/2$  [11, 15].  $1/2$  [11, 15].  $3/2$  [11, 15].  
 $[0, \infty)$  [22].  $E$  [4, 6, 3, 3].  $e^{-x}$  [22].  $E_1(x)$   
[18].  $Ei(x)$  [21].  $K$  [4, 6, 3, 3].

**0.5e** [60].

**10th** [127]. **11/780** [74]. **1st** [118].

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## References

**Cody:1964:DPS**

- [1] W. J. Cody, Jr. Double-precision square root for the CDC-3600. *Communications of the Association for Computing Machinery*, 7(12):715–718, December 1964. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

**Cody:1964:ESS**

- [2] W. J. Cody, Joan Lawson, Sir Harrie Massey, F.R.S., and K. Smith. The elastic scattering of slow positrons by hydrogen atoms. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 278:479–489, 1964. CODEN PRLAAZ. ISSN 0080-4630.

**Fisherkeller:1964:TCE**

- [3] M. A. Fisherkeller and W. J. Cody, Jr. Tables of the complete elliptic integrals  $K$ ,  $K'$ ,  $E$ , and  $E'$ . Technical Memo ANL AMD 71, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, 1964. 14 pp. See review by John W. Wrench in *Mathematics of Computation*, 19(89–92), 342, 1965.

**Cody:1965:CAC**

- [4] W. J. Cody, Jr. Chebyshev approximations for the complete elliptic integrals  $K$  and  $E$ . *Mathematics of Computation*, 19(89–92):105–112, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2004103>. See also [6].

**Cody:1965:CPE**

- [5] W. J. Cody, Jr. Chebyshev polynomial expansions of complete elliptic integrals. *Mathematics of Computation*, 19(89–92):249–259, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003350>.

**Cody:1966:CCA**

- [6] W. J. Cody, Jr. Corrigenda: “Chebyshev approximations for the complete elliptic integrals  $K$  and  $E$ ”. *Mathematics of Computation*, 20(93):207, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See [4].

**Cody:1966:RCA**

- [7] W. J. Cody and J. Stoer. Rational Chebyshev approximations using interpolation. *Numerische Mathematik*, 9:177–188, 1966. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic). See also [17].

**Clark:1967:PSF**

- [8] N. A. Clark, W. J. Cody, K. E. Hillstrom, and E. A. Thieleker. Performance statistics of the FORTRAN IV (H) library for the IBM System/360. Technical Report ANL-7231, Argonne National Laboratory, Argonne, IL, USA,

1967. Reprinted in SHARE Secretary Distribution, SDD 169, C4473, pp. 12–46.
- Cody:1967:CAN**
- [9] W. J. Cody, Jr. and K. E. Hillstrom. Chebyshev approximations for the natural logarithm of the gamma function. *Mathematics of Computation*, 21(98):198–203, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2004160>.
- Cody:1967:CFI**
- [10] W. J. Cody. Critique of the FORTRAN IV (H) library for the IBM System/360. *SHARE Secretary Distribution*, SSD 169 (C4473):4–11, 1967.
- Cody:1967:CRC**
- [11] W. J. Cody and Henry C. Thacher, Jr. Corrigendum: “Rational Chebyshev approximations for Fermi–Dirac integrals of orders  $-1/2$ ,  $1/2$ , and  $3/2$ ”. *Mathematics of Computation*, 21(99):525, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003289>. See [15].
- Cody:1967:IMD**
- [12] W. J. Cody. The influence of machine design on numerical algorithms. In AFIPS SJCC ’67 [108], pages 305–309. LCCN TK7885.A1 J6 1967.
- Cody:1967:LEA**
- [13] William J. Cody, Jr. Letter to the Editor: Another aspect of economical polynomials. *Communications of the Association for Computing Machinery*, 10(9):531, September 1967. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See [101].
- Cody:1967:NCA**
- [14] W. J. Cody and Anthony Ralston. A note on computing approximations to the exponential function. *Communications of the Association for Computing Machinery*, 10(1):53–55, January 1967. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).
- Cody:1967:RCA**
- [15] W. J. Cody and Henry C. Thacher, Jr. Rational Chebyshev approximations for Fermi–Dirac integrals of orders  $-1/2$ ,  $1/2$ , and  $3/2$ . *Mathematics of Computation*, 21(97):30–40, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003468>. See also [11].
- Cody:1968:CAF**
- [16] W. J. Cody. Chebyshev approximations for the Fresnel integrals. *Mathematics of Computation*, 22(102):450–453 (plus microfiche supplement), April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1968:CRC**
- [17] W. J. Cody and J. Stoer. Corrigendum: “Rational Chebyshev approximations using interpolation”. *Numerische Mathematik*, 12:230, 1968. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic). See [7].
- Cody:1968:RCAa**
- [18] W. J. Cody and H. C. Thacher, Jr. Rational Chebyshev approximations for the exponential integral  $E_1(x)$ . *Mathematics*

- of Computation*, 22(103):641–649, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1968:RCAb**
- [19] W. J. Cody, W. Fraser, and J. F. Hart. Rational Chebyshev approximations using linear equations. *Numerische Mathematik*, 12:242–251, 1968. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).
- Clark:1969:SCE**
- [20] N. W. Clark and W. J. Cody. Self-contained exponentiation. In AFIPS FJCC '69 [110], pages 701–706. LCCN TK7885.A1 J6 1969.
- Cody:1969:CAE**
- [21] W. J. Cody and Henry C. Thacher, Jr. Chebyshev approximations for the exponential integral  $Ei(x)$ . *Mathematics of Computation*, 23(106):289–303, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1969:CRA**
- [22] W. J. Cody, G. Meinardus, and R. S. Varga. Chebyshev rational approximations to  $e^{-x}$  on  $[0, \infty)$  and applications to heat conduction problems. *J. Approx. Theory*, 2(??):50–65, ?? 1969. CODEN JAXTAZ. ISSN 0021-9045.
- Cody:1969:PTF**
- [23] W. J. Cody. Performance testing of function subroutines. In AFIPS SJCC '69 [109], pages 759–763. LCCN TK7885.A1 J6 1969.
- Cody:1969:RCA**
- [24] W. J. Cody, Jr. Rational Chebyshev approximations for the error function. *Mathematics of Computation*, 23(107):631–637, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2004390>.
- Kuki:1969:SSA**
- [25] H. Kuki and W. J. Cody. A statistical study of the accuracy of floating point number systems. *Communications of the Association for Computing Machinery*, 16(4):223–230, April 1969. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).
- Cody:1970:CAC**
- [26] W. J. Cody and K. E. Hillstrom. Chebyshev approximations for the Coulomb phase shift. *Mathematics of Computation*, 24(111):671–677, July 1970. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1970:CAD**
- [27] W. J. Cody, Kathleen A. Paciorek, and Henry C. Thacher, Jr. Chebyshev approximations for Dawson's integral. *Mathematics of Computation*, 24(109):171–178, January 1970. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1970:RAC**
- [28] W. J. Cody and Kathleen A. Paciorek. Remark on Algorithm 292 [S22]: Regular Coulomb wave functions. *Communications of the Association for Computing Machinery*, 13(9):573, September 1970. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

**Cody:1970:SPR**

- [29] W. J. Cody. A survey of practical rational and polynomial approximation of functions. *SIAM Review*, 12(3):400–423, July 1970. CODEN SIREAD. ISSN 0036-1445 (print), 1095-7200 (electronic). Reprinted in *Studies in Applied Mathematics*, 6, SIAM, 1970, pp. 86–109.

**Clark:1971:SCP**

- [30] N. W. Clark, W. J. Cody, and H. Kuki. Self-contained power routines. In *Mathematical Software* [111], pages 399–415. ISBN 0-12-587250-X. LCCN QA1 .M26.

**Cody:1971:CAR**

- [31] W. J. Cody, K. E. Hillstrom, and Henry C. Thatcher, Jr. Chebyshev approximations for the Riemann zeta function. *Mathematics of Computation*, 25(115):537–547, July 1971. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Cody:1971:DHC**

- [32] W. J. Cody. Desirable hardware characteristics for scientific computation. *ACM SIGNUM Newsletter*, 6(1):16–31, January 1971. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

**Cody:1971:SEF**

- [33] W. J. Cody. Software for the elementary functions. In *Mathematical Software* [111], pages 171–186. ISBN 0-12-587250-X. LCCN QA1 .M26.

**Boyle:1972:NCE**

- [34] J. M. Boyle, W. J. Cody, W. R. Cowell, B. S. Garbow, Y. Ikebe, C. B. Moler,

and B. T. Smith. NATS, a collaborative effort to certify and disseminate mathematical software. In ACM '72 [112], pages 630–635. LCCN TK 7885 A84p 1972. Two volumes.

**Cody:1973:CAP**

- [35] W. J. Cody, Jr., Anthony J. Strecok, and Henry C. Thacher, Jr. Chebyshev approximations for the psi function. *Mathematics of Computation*, 27(21):123–127, January 1973. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2005253>.

**Cody:1973:EMS**

- [36] W. J. Cody. The evaluation of mathematical software. In Hetzel [113], pages 121–133. ISBN 0-13-729624-X. LCCN QA76.P69.

**Cody:1973:SDN**

- [37] William J. Cody, Jr. Static and dynamic numerical characteristics of floating-point arithmetic. *IEEE Transactions on Computers*, C-22(6):598–601, June 1973. CODEN IT-COB4. ISSN 0018-9340 (print), 1557-9956 (electronic). URL <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5009112>; [http://www.acsel-lab.com/arithmetic/arith2/papers/ARITH2\\_Cody.pdf](http://www.acsel-lab.com/arithmetic/arith2/papers/ARITH2_Cody.pdf).

**Kuki:1973:SSA**

- [38] H. Kuki and W. J. Cody. A statistical study of the accuracy of floating point number systems. *Communications of the Association for Computing Machinery*, 16(4):223–230, April 1973. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

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| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1974:CNS</b></div> <p>[39] W. J. Cody. The construction of numerical subroutine libraries. <i>SIAM Review</i>, 16(1):36–46, January 1974. CODEN SIREAD. ISSN 0036-1445 (print), 1095-7200 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Smith:1974:NAQ</b></div> <p>[40] B. T. Smith, J. M. Boyle, and W. J. Cody. The NATS approach to quality software. In Evans [114], pages 393–405. ISBN 0-12-243750-0. LCCN QA297 .S591.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1975:FPS</b></div> <p>[41] W. J. Cody. The FUNPACK package of special function subroutines. <i>ACM Transactions on Mathematical Software</i>, 1(1):13–25, March 1975. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1975:OSD</b></div> <p>[42] W. J. Cody. An overview of software development for special functions. In Watson [115], pages 38–48. ISBN 0-387-07620-7 (??invalid ISBN??). ISSN 0720-258X, 0269-3674. LCCN QA3 .L35 v.506.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1976:AT</b></div> <p>[43] W. J. Cody. Approximation theory. In Ralston and Meek [102], pages 87–90. ISBN 0-88405-321-0. LCCN QA76.15 .E56 1976. US\$60.00.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1976:RMS</b></div> <p>[44] W. J. Cody. Robustness in mathematical software. In Hoaglin and Welsch [116], pages 76–78. ISBN 0-87150-237-2. LCCN QA 276 A1 I53 1976.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1977:CNS</b></div> <p>[45] W. J. Cody. The challenge in numerical software for minicomputers. In IEEE RMSS ’77 [118], pages 1–23. LCCN QA76.5 .R535 1977a.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1977:CRF</b></div> <p>[46] W. J. Cody, Rose M. Motley, and L. Wayne Fullerton. The computation of real fractional order Bessel functions of the second kind. <i>ACM Transactions on Mathematical Software</i>, 3(3):232–239, September 1977. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1977:MPN</b></div> <p>[47] W. J. Cody. Machine parameters for numerical analysis. In Cowell [117], pages 49–67. ISBN 0-387-08446-0. LCCN QA297 .W65 1976.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1978:SBC</b></div> <p>[48] W. J. Cody. Software basics for computational mathematics. Technical Memo ANL AMD 328, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, November 1978. Draft form of [51].</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1979:IPI</b></div> <p>[49] W. Cody. Impact of the proposed IEEE floating point standard on numerical software. <i>ACM SIGNUM Newsletter</i>, 14 (special issue):29–30, October 1979. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cody:1980:PRS</b></div> <p>[50] W. J. Cody. Preliminary report on software for modified Bessel functions of the</p> |
|--|--|

- first kind. Amd tech. memo tm-357, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, 1980. ?? pp.
- Cody:1980:SBC**
- [51] W. J. Cody. Software basics for computational mathematics. *ACM SIGNUM Newsletter*, 15(2):18–29, June 1980. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic). Reprinted from “Program Directions for Computational Mathematics”, R. Huddleston (ed.), DOE, June 1979.
- Cody:1980:SME**
- [52] William J. Cody, Jr. and William Waite. *Software Manual for the Elementary Functions*. Prentice-Hall, Englewood Cliffs, NJ 07632, USA, 1980. ISBN 0-13-822064-6. x + 269 pp. LCCN QA331.C635 1980.
- Cody:1980:TSF**
- [53] W. J. Cody. Towards sensible floating-point arithmetic. In IEEE COMPCON Spring '80 [119], pages 488–490. LCCN TK7885.A1 C53 1980.
- Cody:1981:APF**
- [54] William J. Cody, Jr. Analysis of proposals for the floating-point standard. *Computer*, 14(3):63–68, March 1981. CODEN CPTRB4. ISSN 0018-9162 (print), 1558-0814 (electronic).
- Cody:1981:FPS**
- [55] W. J. Cody. FUNPACK—A package of special function subroutines. Technical Report TM-385, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, April 1981. ii + 14 pp. Republished in [68].
- Cody:1982:BCC**
- [56] W. J. Cody. Basic concepts for computational software. In Messina and Murli [120], pages 1–23. ISBN 0-387-11603-6 (New York), 3-540-11603-6 (Berlin). LCCN QA76.95 .P76 1982.
- Cody:1982:FPM**
- [57] W. J. Cody. Floating-point parameters, models, and standards. In Reid [122], pages 51–69. ISBN 0-444-86377-X. LCCN QA297.I34 1981.
- Cody:1982:GPI**
- [58] W. J. Cody. A generalization of the proposed IEEE standard for floating-point arithmetic. Technical Report ??, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, 1982. 20 pp. Republished in [63].
- Cody:1982:ITF**
- [59] W. J. Cody. Implementation and testing of function software. In Messina and Murli [120], pages 24–47. ISBN 0-387-11603-6 (New York), 3-540-11603-6 (Berlin). LCCN QA76.95 .P76 1982.
- Cody:1982:PRI**
- [60] W. J. Cody, Chairman. A proposed radix-independent standard for floating-point arithmetic, draft 0.5e, IEEE radix-free floating point subcommittee working document P854/82-63. Technical report, IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1982. ?? pp.
- Cody:1982:TTP**
- [61] W. J. Cody. Transportable test procedures for elementary function software. In Mulvey [121], pages 236–247. ISBN 0-387-11495-5. LCCN QA402.5.E94 1982.

- Cody:1983:ASM**
- [62] W. J. Cody. Algorithm 597: Sequence of modified Bessel functions of the first kind. *ACM Transactions on Mathematical Software*, 9(2):242–245, June 1983. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic).
- Cody:1983:GPI**
- [63] W. J. Cody. A generalization of the proposed IEEE standard for floating-point arithmetic. In Gentle [123], pages 133–139. ISBN 0-444-86688-4. LCCN QA276.4 .S95 1983. Republication of [58].
- Kuki:1983:SSA**
- [64] H. Kuki and W. J. Cody. A statistical study of the accuracy of floating point number systems (reprint). *Communications of the Association for Computing Machinery*, 26(1):79–83, January 1983. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). Reprint of [38].
- Cody:1984:OMS**
- [65] W. J. Cody. Observations on the mathematical software effort. In Cowell [103], pages 1–19. ISBN 0-13-823501-5. LCCN QA76.95 .S68 1984. US\$32.50.
- Cody:1984:PRW**
- [66] William J. Cody, Jr., Jerome T. Coonen, David M. Gay, K. Hanson, David G. Hough, William Kahan, Richard Karpinski, John F. Palmer, Frederic N. Ris, and David Stevenson. A proposed radix- and word-length-independent standard for floating-point arithmetic. *IEEE Micro*, 4(4):86–100, July/August 1984. CODEN IEMIDZ.
- ISSN 0272-1732 (print), 1937-4143 (electronic).
- Cody:1984:SEF**
- [67] W. J. Cody. Software for the elementary functions. Presented at the SIAM National Conference, Seattle, WA., July 1984. Cited in [?, Reference 5] in elem-fun.bib and fparith.bib: was this published in print??
- Cody:1984:SPS**
- [68] W. J. Cody. FUNPACK—A package of special function routines. In Cowell [103], pages 49–67. ISBN 0-13-823501-5. LCCN QA76.95 .S68 1984. US\$32.50. Republication of [55].
- Cody:1984:SSF**
- [69] W. J. Cody. Software for special functions. Technical Report ANS/MCS-TM-37, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, October 1984. Also published as [73].
- Cody:1984:STMa**
- [70] W. J. Cody. Second thoughts on the mathematical software effort: a perspective. Technical Report ANL-84-83, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, October 1984. 18 pp.
- Cody:1984:STMb**
- [71] W. J. Cody. Second thoughts on the mathematical software effort: a perspective. In Dongarra et al. [124], pages 129–152. LCCN QA297.S879 1984. Copies of lecture slides. See [70] for the text.

- Cody:1985:PRW**
- [72] W. J. Cody, J. T. Coonen, D. M. Gay, K. Hanson, D. Hough, W. Kahan, R. Karpinski, J. Palmer, F. N. Ris, and D. Stevenson. A proposed radix- and word-length-independent standard for floating-point arithmetic. *ACM SIGNUM Newsletter*, 20(1):37–51, January 1985. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).
- Cody:1985:SSF**
- [73] W. J. Cody. Software for special functions. In *Rendiconti del Seminario Matematico, Fascicolo Speciale, Convegno su “Special Functions”, Università e Politecnico Torino, Italy*, pages 91–116. ??, ??, 1985. ISBN ?? LCCN ?? Also published as [69].
- Cody:1986:ALB**
- [74] W. J. Cody. An alternative library under 4.2 BSD UNIX on a VAX 11/780. Technical Report ANL-86-10, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, February 1986. iii + 30 pp.
- Cody:1986:ETRa**
- [75] W. J. Cody. ELEFUNT test results under X1.4 on the Encore Multimax. Technical Report MCS-TM-68, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, April 1986. 11 pp.
- Cody:1986:ETRb**
- [76] W. J. Cody. ELEFUNT test results under NS32000 Fortran V2.5.3 on the Sequent Balance. Technical Report MCS-TM-80, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, September 1986. 12 pp.
- Cody:1986:ETRc**
- [77] W. J. Cody. ELEFUNT test results under FX/Fortran version 1.0 on the Alliant FX/8. Technical Report MCS-TM-78, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, ?? 1986. ?? pp.
- Cody:1987:SPS**
- [78] W. J. Cody. SPECFUN—a portable special function package. In Wouk [104], pages 1–12. ISBN 0-89871-210-6. LCCN QA76.5 .W66 1985.
- Cody:1988:AMS**
- [79] W. J. Cody. Algorithm 665. MACHAR: A subroutine to dynamically determine machine parameters. *ACM Transactions on Mathematical Software*, 14(4):303–311, December 1988. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/51907.html>.
- Cody:1988:FSP**
- [80] W. J. Cody. Floating-point standards — theory and practice. In Moore [125], pages 99–107. ISBN 0-12-505630-3. LCCN QA76.9.E94 R45 1988.
- Cody:1988:NVM**
- [81] W. J. Cody. New version of MACHAR available. *ACM SIGNUM Newsletter*, 23(3, 4):9–10, July–October 1988. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

- Cody:1988:PEPa**
- [82] W. J. Cody, Jr. Performance evaluation of programs related to the real gamma function. Mathematics and Computer Science Preprint MCS-P12-0988, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, September 1988. ?? pp. Published in [95].
- Cody:1988:PEPb**
- [83] W. J. Cody, Jr. Performance evaluation of programs for the error and complementary error functions. Mathematics and Computer Science Preprint MCS-P13-0988, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, September 1988. Published in [92].
- Cody:1989:AXF**
- [84] W. J. Cody. Algorithm XXX: Functions to support the IEEE standard for binary floating-point arithmetic. Technical Report MCS-P90-0789, Mathematics and Computer Science Division, Argonne National Laboratory, Argonne, IL, USA, July 1989. 7 + 9 (C source code) pp.
- Cody:1989:ETR**
- [85] W. J. Cody. ELEFUNT test results using Titan Fortran under Ardent UNIX 2.0 on the Titan. Technical Report MCS-TM-129, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, March 1989. iii + 14 pp.
- Cody:1989:PEP**
- [86] W. J. Cody and L. Stoltz. Performance evaluation of programs for certain Bessel functions. *ACM Transactions on Mathematical Software*, 15(1): 41–48, March 1989. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/62039.html>. Also published as Technical Report MCS-P14-0988, Argonne National Laboratory, Argonne, IL, USA.
- Cody:1989:UTS**
- [87] W. J. Cody and L. Stoltz. The use of Taylor series to test accuracy of function programs. Technical Report MCS-P61-0289, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, February 1989. ?? pp. Published in [96].
- Cody:1990:APF**
- [88] W. J. Cody. Analysis of proposals for the floating-point standard. In *Computer Arithmetic* [126], pages 312–316. ISBN 0-8186-8945-5. LCCN QA76.9 .C62C66 1990. Reprint of [54]. The citation of that source in the book is incorrectly listed as volume 20, 1987, instead of the correct volume 14, 1981.
- Cody:1990:AXS**
- [89] W. J. Cody. Algorithm XXX: SPEC-FUN: A portable package of special functions and test drivers. Technical Report MCS-P179-0990, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, September 1990. 10 pp.
- Cody:1990:ETR**
- [90] W. J. Cody. ELEFUNT test results under AST Fortran V1.8.0 on the Sequent Symmetry. Technical Report MCS-TM-138, Argonne National Laboratory, 9700

- South Cass Avenue, Argonne, IL 60439-4801, USA, July 1990. ?? pp.
- Cody:1990:NI**
- [91] W. J. Cody. The normal integral. Technical Report MCS-P189-1090, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, November 1990. 2 + 4 (C source code) pp.
- Cody:1990:PEP**
- [92] W. J. Cody, Jr. Performance evaluation of programs for the error and complementary error functions. *ACM Transactions on Mathematical Software*, 16(1):29–37, March 1990. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/citations/journals/toms/1990-16-1/p29-cody/>; <http://www.acm.org/pubs/toc/Abstracts/0098-3500/77628.html>.
- Cody:1991:CPT**
- [93] W. J. Cody. CELEFUNT: A portable test package for complex elementary functions. Technical Report ANL-91/1, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, January 1991. iii + 21 pp.
- Cody:1991:KAA**
- [94] W. J. Cody. Keynote address: Arithmetic standards: The long road. In Kornerup and Matula [127], page ix. ISBN 0-8186-9151-4 (case), 0-8186-6151-8 (microfiche), 0-7803-0187-0 (library binding). LCCN QA76.9.C62 S95 1991. URL [http://www.acsel-lab.com/arithmetic/arith10/papers/ARITH10\\_keynote.pdf](http://www.acsel-lab.com/arithmetic/arith10/papers/ARITH10_keynote.pdf). IEEE catalog no. 91CH3015-5.
- Cody:1991:PEP**
- [95] W. J. Cody, Jr. Performance evaluation of programs related to the real gamma function. *ACM Transactions on Mathematical Software*, 17(1):46–54, March 1991. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/103153.html>. Preprint in [82].
- Cody:1991:UTS**
- [96] W. J. Cody, Jr. and L. Stoltz. The use of Taylor series to test accuracy of function programs. *ACM Transactions on Mathematical Software*, 17(1):55–63, March 1991. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/103154.html>.
- Cody:1993:ACP**
- [97] W. J. Cody. Algorithm 714: CELEFUNT: A portable test package for complex elementary functions. *ACM Transactions on Mathematical Software*, 19(1):1–21, March 1993. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/151272.html>.
- Cody:1993:AFS**
- [98] W. J. Cody and J. T. Coonen. Algorithm 722: Functions to support the IEEE standard for binary floating-point arithmetic. *ACM Transactions on Mathematical Software*, 19(4):443–451, December 1993. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/168185.html>.

- Cody:1993:ASP**
- [99] W. J. Cody, Jr. Algorithm 715: SPEC-FUN: A portable FORTRAN package of special function routines and test drivers. *ACM Transactions on Mathematical Software*, 19(1):22–32, March 1993. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <http://www.acm.org/pubs/toc/Abstracts/0098-3500/151273.html>.
- Cody:2003:AT**
- [100] William J. Cody. Approximation theory. In Ralston et al. [128], pages 73–76. ISBN 0-470-86412-5. LCCN QA76.15 .E48 2003. URL <https://dl.acm.org/doi/10.5555/1074100.1074131>.
- Fike:1967:MEP**
- [101] C. T. Fike. Methods of evaluating polynomial approximations in function evaluation routines. *Communications of the Association for Computing Machinery*, 10(3):175–178, March 1967. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See remark on efficiency [13].
- Ralston:1976:ECS**
- [102] Anthony Ralston and Chester L. Meek, editors. *Encyclopedia of Computer Science*. Petrocelli/Charter, New York, NY, USA, 1976. ISBN 0-88405-321-0. xxviii + 1523 pp. LCCN QA76.15 .E56 1976. US\$60.00.
- Cowell:1984:SDM**
- [103] Wayne R. Cowell, editor. *Sources and Development of Mathematical Software*. Prentice-Hall series in computational mathematics. Prentice-Hall, Englewood Cliffs, NJ 07632, USA, 1984. ISBN 0-13-823501-5. xii + 404 pp. LCCN QA76.95 .S68 1984. US\$32.50.
- Wouk:1987:NCE**
- [104] Arthur Wouk, editor. *New Computing Environments: Microcomputers in Large-Scale Computing*. Society for Industrial and Applied Mathematics, Philadelphia, PA, USA, 1987. ISBN 0-89871-210-6. x + 166 pp. LCCN QA76.5 .W66 1985.
- Haigh:2004:IWJ**
- [105] Thomas Haigh. An interview with W. J. Cody. Computer History Museum interview., August 3–4, 2004. URL [http://history.siam.org/%5Cpdfs2/Cody\\_returned\\_SIAM.pdf](http://history.siam.org/%5Cpdfs2/Cody_returned_SIAM.pdf); <http://history.siam.org/oralhistories/cody.htm>; <https://archive.computerhistory.org/resources/access/text/2013/12/102746785-05-01-acc.pdf>.
- Anonymous:2009:WCO**
- [106] Anonymous. William Cody obituary. *Chicago Tribune*, June 25, 2009. URL <https://www.chicagotribune.com/obituaries/william-cody-il#:~:text=William%20%22Jim%22%20Cody,%20Jr.,%20resident%20of>; <https://www.legacy.com/obituaries/name/william-cody-obituary?pid=128895074#:~:text=William%20%22Jim%22%20Cody,%20Jr.,%20resident%20of>; <https://www.legacy.com/us/obituaries/chicagotribune/name/william-cody-obituary?id=2547132#:~:text=William%20%22Jim%22%20Cody,%20Jr.,%20resident%20of>.
- More:2009:JCP**
- [107] Jorge Moré and Cleve Moler. Jim Cody: Pioneer in mathematical software

- libraries. NA Digest postings, June 28, 2009. URL <http://www.netlib.org/na-digest-html/09/v09n26.html#1>.
- AFIPS:1967:ACP**
- [108] *1967 Spring Joint Computer Conference, April 18–20, Atlantic City, NJ*, volume 30 of *AFIPS conference proceedings*. Thompson Book Co., Washington, DC, USA, 1967. LCCN TK7885.A1 J6 1967.
- AFIPS:1969:ACPa**
- [109] *1967 Spring Joint Computer Conference, May 14–16, 1969, Boston, MA*, volume 34 of *AFIPS conference proceedings*. AFIPS Press, Montvale, NJ, USA, 1969. LCCN TK7885.A1 J6 1969.
- AFIPS:1969:ACPb**
- [110] *1969 Fall Joint Computer Conference, November 18–20, 1969, Las Vegas, Nevada*, volume 35 of *AFIPS conference proceedings*. AFIPS Press, Montvale, NJ, USA, 1969. LCCN TK7885.A1 J6 1969.
- Rice:1971:MS**
- [111] John R. Rice. *Mathematical Software*. Academic Press, New York, NY, USA, 1971. ISBN 0-12-587250-X. xvii + 515 pp. LCCN QA1 .M26.
- ACM:1972:PAA**
- [112] *Proceedings of the ACM Annual Conference, August 1972, Boston*. ACM Press, New York, NY 10036, USA, 1972. LCCN TK 7885 A84p 1972. Two volumes.
- Hetzl:1973:PCP**
- [113] William C. Hetzel, editor. *Program test methods: Proceedings of the Computer Program Test Methods Symposium held at the University of North Carolina, Chapel Hill, June 21–23, 1972*. Prentice-Hall, Englewood Cliffs, NJ 07632, USA, 1973. ISBN 0-13-729624-X. LCCN QA76.P69.
- Evans:1974:SNM**
- [114] D. J. Evans, editor. *Software for Numerical Mathematics: Proceedings of the Loughborough University of Technology Conference of the Institute of Mathematics and Its Applications held in April 1973*. Academic Press, New York, NY, USA, 1974. ISBN 0-12-243750-0. LCCN QA297 .S591.
- Watson:1975:NAD**
- [115] George A. Watson, editor. *Numerical Analysis: Proceedings of the Dundee Conference on Numerical Analysis, July 1–4, 1975*, volume 506 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1975. ISBN 0-387-07620-7 (??invalid ISBN??). ISSN 0720-258X, 0269-3674. LCCN QA3 .L35 v.506.
- Anonymous:1976:PIS**
- [116] David C. Hoaglin and Roy E. Welsch, editors. *Proceedings of the Ninth Interface Symposium on Computer Science and Statistics, Harvard University, Massachusetts Institute of Technology, April 1–2, 1976*. Prindle, Weber and Schmidt, Boston, MA, USA, 1976. ISBN 0-87150-237-2. LCCN QA 276 A1 I53 1976.
- Cowell:1977:PMS**
- [117] Wayne Cowell, editor. *Portability of Numerical Software Workshop, Oak Brook, Illinois, June 21–23, 1976*, volume 57 of *Lecture Notes in Computer Science*.

- Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1977. ISBN 0-387-08446-0. LCCN QA297 .W65 1976.
- IEEE:1977:PAR**
- [118] *Proceedings, 1st Annual Rocky Mountain Symposium on Microcomputers: Systems, Software, Architecture: August 31–September 2, 1977, Fort Collins, Colorado*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1977. LCCN QA76.5 .R535 1977a.
- IEEE:1980:PCS**
- [119] *COMPCON (20th: 1980: San Francisco, CA) VLSI, New Architectural Horizons: COMPCON, Spring 80, Jack Tar Hotel, San Francisco, California, February 25–28, 1980: Digest of Papers*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1980. LCCN TK7885.A1 C53 1980.
- Messina:1982:PMM**
- [120] P. C. Messina and A. Murli, editors. *Problems and Methodologies in Mathematical Software Production: International Seminar held at Sorrento, Italy, November 3–8, 1980*, volume 142 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1982. ISBN 0-387-11603-6 (New York), 3-540-11603-6 (Berlin). LCCN QA76.95 .P76 1982.
- Mulvey:1982:EMP**
- [121] J. M. Mulvey, editor. *Evaluating Mathematical Programming Techniques: Proceedings of a Conference Held at the National Bureau of Standards, Boulder, Colorado, January 5–6, 1981*, volume 199 of *Lecture Notes in Economics and Mathematical Systems*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1982. ISBN 0-387-11495-5. LCCN QA402.5 .E94 1982.
- Reid:1982:RBN**
- [122] J. K. Reid, editor. *The Relationship Between Numerical Computation and Programming Languages: Proceedings of the IFIP TC2 Working Conference on the Relationship between Numerical Computation and Programming Languages, Boulder, Colorado, USA., 3–7 August, 1981*. Elsevier North-Holland, Inc., New York, NY, USA, 1982. ISBN 0-444-86377-X. LCCN QA297 .I34 1981.
- Gentle:1983:CSS**
- [123] James E. Gentle, editor. *Computer Science and Statistics: Proceedings of the Fifteenth Symposium on the Interface, Houston, Texas, March 1983*. North-Holland, Amsterdam, The Netherlands, 1983. ISBN 0-444-86688-4. LCCN QA276.4 .S95 1983.
- Dongarra:1984:IPS**
- [124] Jack Dongarra, Gene Golub, Jorge Moré, and Danny Sorensen, editors. *Informal proceedings of the Symposium on Computational Mathematics — State of the Art: held at Argonne National Laboratory, September 20–21, 1984, in honor of James H. Wilkinson*. Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439-4801, USA, December 1984. LCCN QA297.S879 1984. Technical Report MCS-TM-42. It consists of copies of lecture slides from the ten symposium talks.

**Moore:1988:RCR**

- [125] Ramon E. Moore, editor. *Reliability in Computing: the Role of Interval Methods in Scientific Computing*, volume 19 of *Perspectives in computing*. Academic Press, New York, NY, USA, 1988. ISBN 0-12-505630-3. xv + 428 pp. LCCN QA76.9.E94 R45 1988.

**Swartzlander:1990:CAb**

- [126] Earl E. Swartzlander, Jr. *Computer Arithmetic*, volume 2. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1990. ISBN 0-8186-8945-5. ix + 396 pp. LCCN QA76.9 .C62C66 1990. This is part of a two-volume collection of influential papers on the design of computer arithmetic. See also [?].

**Kornerup:1991:PIS**

- [127] Peter Kornerup and David W. Matula, editors. *Proceedings: 10th IEEE Symposium on Computer Arithmetic: June 26–28, 1991, Grenoble, France*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1991. ISBN 0-8186-9151-4 (case), 0-8186-6151-8 (microfiche), 0-7803-0187-0 (library binding). LCCN QA76.9.C62 S95 1991. IEEE catalog no. 91CH3015-5.

**Ralston:2003:ECS**

- [128] Anthony Ralston, Edwin D. Reilly, and David Hemmendinger, editors. *Encyclopedia of Computer Science*. Wiley, New York, NY, USA, fourth edition, 2003. ISBN 0-470-86412-5. xxix + 2034 pp. LCCN QA76.15 .E48 2003. URL <http://www.e-streams.com/es0707/es0707\3357.htm>; <http://www.loc.gov/catdir/bios/wiley046/2003283283.htm>.