A Complete Bibliography of Publications by, and about, C. W. Clenshaw

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08 June 2024
Version 1.01

Abstract

This bibliography records publications of C. W. Clenshaw.

Title word cross-reference

6×9 [Cle67]. **$7.50** [Cle63]. ${}_1F_1(1; c; x)$ [dB76]. $A^*\Phi(Bx)$ [Dun73a]. $\cos(i\pi/n)$ [Oli75]. *du* [GS48]. $\mathrm{Erfc}(x)$ [Ric64]. $\Gamma(x)$ [Ric64]. $J_0(x)$ [WBR82]. $J_1(x)$ [WBR82]. $J_n(z)$ [CM83]. L^2 [Pat76]. L_∞ [Ric64]. Lg [JS69]. $\log n$ [KR79]. X [CN78, Sma85]. $Y_0(x)$ [WBR82]. $Y_1(x)$ [WBR82].

-spline [CN78]. **-splines** [JS69, Sma85].

1 [W.63]. **1966.** [Cle67]. **1987** [Tur89]. **1992** [Ano92].

424 [Ged79, Gen72a].

absence [Car72b]. **Academic** [Cle72]. **accelerate** [Boy23]. **Accuracy** [SV73, Sut19a]. **ACM** [Gen72a]. **adaptive** [Maj21b, Oli72]. **admitting** [Bra72]. **afford** [CMM16]. **Algebraic** [Wan92, DGK13, Wan18]. **Algorithm** [Bar13, Gen72a, ATAAK17, AGR93, Bar98, Car72a, Car72b, CO80, Ell68, Has01, HNU14, Mat72, Smo02, dGR95, Ged79, Goo73]. **algorithme** [Car72a, Car72b]. **Algorithms** [CMW63, Bar02, CO86, Deu76, KEKT21]. **Allan** [CLG+03]. **almost** [Ell73]. **Alternative** [Ada87]. **analogue** [AGR93].

Analysis [Ano78, CO51, Cle63, Cle78, Oli77, Sut19c, Tur89, XCWB13, Bar98, Ell68, Has01, JHC+14, Mas70, New74, Olv04, Pry81, Sut19a, Cle68a]. **analytic** [FLR93]. **Angenäherte** [Fil64]. **Application** [Orl77a, CN78, HTN83, KKY07, Maj19, Oli80]. **applications** [Pie87, XCWB11, XCWB13]. **approximant** [Bak74]. **Approximants** [MC05b, MC05a]. **Approximate** [PDP12a, Cle63]. **approximates** [SH21]. **approximating** [PDP12b, Rou70]. **Approximation** [BdBSW66, Fil64, HF11, MP72, RT72, Tay69, Bas73, BCG74, Coh73, DK71, Dun73a, Dun73b, Dun75, FGR76, Ful77, HW77, Hol69, JHC+14, KEKT21, Mas70, Mur71, NTT15, RR71, Row69, Sti65, Tal76, Tay68, TW74, Cle67, Cle66a]. **Approximations** [Cle54, Cle64, RP63, Sch79, And73, CL74, Cle74, Ell73, Ful77, Mat72, Neu74, Pat76, ST69, Tay70, WBR82, Cle72]. **April** [CLG+03]. **Arithmetic** [CO87, COT89, CT89, LT92]. **arrays** [Ric64]. **art** [PTVF92a]. **Arthur** [Cle63]. **Assessing** [LRD19]. **assurant** [Car72a]. **Automatic** [CO51, CC60, HTN83]. **axe** [FGR76]. **axis** [FGR76].

B [Cle68a, Tod67]. **Backward** [Smo02]. **band** [JHC+14]. **based** [MV97, SHN20, Smi65]. **Berkeley** [Wan92]. **Bernstein** [HW77]. **Bessel** [XCWB13, CP66, CM83, GCP67, LPM81, PB83, WBR82, XCWB11]. **Best** [Cle64, Mur71, Ell73, MP72, Mat72]. **Better** [Tre08]. **Beyond** [CO84]. **bivariate** [GC24]. **blended** [BCG74]. **Blending** [PDP12a, PDP12b]. **Book** [Cle63, Cle65, Cle66a, Cle67, Cle68a, CMM16]. **Books** [Cle72, W.63]. **bound** [Bar03]. **boundary** [CL23, EJJ08, Ura69]. **Bounds** [FLR93, Kam71a, Olv67, Bar02, Rou70, Smi82, XHC15].

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D [W.63]. **D1** [Gen72a, Goo73]. **Data** [Ran77, LRD19]. **December** [CLG+03]. **defined** [Hol69]. **Definite** [PDP12a, PDP12b]. **definiteness** [AF84]. **Degree** [HW77, Sma85, Tal76]. **Densité** [Car72a]. **Density** [Car72a]. **derivative** [Coh73]. **derivatives** [Has01, HF11, RT72]. **Descriptions** [Cle72, W.63]. **deviation** [Row69]. **d'exponentielles** [MP72]. **difference** [Olv67]. **Differential** [CO51, Tua73, BS71, Cle57, Cle60b, CN63, Oli69, Orl77a, Orl77b, SAM08]. **Digital** [Cle60a]. **dimensional** [Hay73, NR96]. **direct** [Ell73, SHN20]. **discontinuous** [KKR03]. **discrete** [AZK95]. **Discussions** [CO51]. **distributed** [dGR95]. **double** [Bas73]. **doubly** [Oli72]. **doubly-adaptive** [Oli72]. **Dr.** [Ano78]. **d'une** [MP72].

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Faber [ES88]. **families** [Dun73b, RR71]. **Fast** [JHC+14, RV07, Som13, Wal06, XHW14]. **Fehlerabschätzung** [Bra73]. **Fehlerabschätzungen** [Loc69]. **Fejer** [DD11, FLR93, Som13, Wal06, WT07, XHW14]. **Fejér-type** [XHW14]. **fewer** [Pry81]. **Filon** [XCWB13, DGS11, DGK13, Dom14, GI17, GC24, Maj17, Maj19, Maj21b, Maj21a, MFA22, XCWB11, XHC15]. **Filon-type** [XCWB13, XCWB11]. **finite** [Ell68, Hun70]. **first** [Coh73]. **fits** [Ran77]. **Fitting** [Cle60a, CJ74, CH65, Cle68b]. **flair** [Olv04]. **Floating** [CO84]. **fonction** [MP72]. **Form** [Gau79]. **formal** [Hol69]. **Formula** [Håv69, PTVF92b, RV07, VR11, AZK95, Den86, HS05, JKH+17, Mar86, NF03, OS68, SHN20, Smi65, Smi82, SH11, Smi15, SH21]. **formulae** [AF84, Not16]. **Formulas** [Kam71a, HT08, Jay74, Kam71b, Maj17]. **formulation** [Ada87]. **Forsythe** [Bar02]. **FORTRAN** [PTVF92a]. **Forward** [VR11, NF03]. **Four** [MC05b, MV97, MC05a]. **Fourier** [KEKT21, Oli77]. **Fox** [Ano92, Cle68a, Cle92a, Cle92b]. **Fractional** [GCP67, CP66, HF11, SHN20]. **French** [Car72a, Car72b, FGR76, MP72]. **Function** [Fil64, Boy23, CO80, Coh73, CM83, DK71, HS05, Kus72, LPM81, MP72, PB83, SH11, Smi15]. **Functions** [Cle54, Cle62a, CMW63, Cle72, CLOT86, GCP67, XB13, Bra72, CP66, Cle74, Deu76, FLR93, HW77, Hol69, NR96, Orl77a, Ran77, RR71, Som13, Tay69, TE72, WBR82, XB12, W.63, Cle66a].

Garabedian [Cle66a]. **Gauss** [EJJ08, Jay74, Kam71b, PDP12a, Tre08, XB12, XB13]. **Gaussian** [Boy23]. **Gegenbauer** [HS05, SH11, Smi15]. **general** [Som13]. **Generalisation** [ES88]. **generalization** [GI17]. **Generalized** [CLOT86, HTN83, KKY07, Lin76]. **German** [Bra73, Fil64, Loc69, Peh78]. **given** [Tur89]. **Global** [Smi82]. **Graph** [GW22, GW23]. **grid** [Sut19b]. **grids** [NTT15]. **Grunwald** [CS78]. **Grunwald-type** [CS78].

H [Ano78, Cle63, Cle66a]. **Haar** [Car72b]. **Hall** [Cle67]. **Hammerstein** [EL00, EL06]. **Hardy** [Cle04]. **having** [ST69, Tay68, Tay69]. **Her** [W.63]. **Hermite** [Boy23]. **High** [NR96, Pet94]. **High-dimensional** [NR96]. **highly** [DGS11, DGK13, Dom14, GI17, GC24, KEKT21, LX19, Maj17, XCWB11, XCWB13, XHC15]. **highly-oscillatory** [Dom14]. **Hopf** [XrL11]. **Hybrid** [GF92]. **hypersingular** [LX19]. **hypotheses** [Car72a, Car72a].

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quadratique [MP72]. **Quadrature** [Bar13, Cha68, FW66, Ged79, Gen72a, Håv69, Kam71a, PDP12a, Smi65, Tre08, Wal06, XB13, Ada87, AF84, Boy23, BP75, Bra73, Bra92, CE09, CL14, CL23, DD11, Den86, EJJ08, EHM81, FLR93, GI17, Gen72b, Gen72c, Goo73, HT08, HTN83, HST93, HS15, HS05, Jay74, Kam71b, KKR03, KKY07, Kus72, LX19, Loc69, Ma15, Mar86, Not16, OS68, Oli71, Oli72, Pat76, PDP12b, Rie71, RJ71, RJ72, Smi82, SH11, Smi15, Sut19a, Sut19b, Wan18, WT07, XB12, XHW14, XHC15, XrL11]. **quadratures** [Küt84]. **Quadraturverfahren** [Bra73, Loc69]. **quantities** [Orl77b]. **quantum** [SAM08]. **quasi** [NTT15]. **quasi-optimal** [NTT15]. **questions** [TW74].

random [LRD19, NTT15]. **ranges** [RT72, ST69, Tay68, Tay69]. **rapidity** [CS78]. **rate** [Wan18]. **Rates** [XB13, XB12]. **Ratio** [RP63]. **Rational** [CL74, Cle74, WBR82, Dun75, XrL11]. **rationals** [TW74]. **Rayleigh** [BdBSW66]. **Real** [PDP12a, FGR76, PDP12b, SV73]. **recipes** [PTVF92a]. **reciprocals** [CO86]. **reconstruction** [JKH$^+$17]. **Recurrence** [CO51, PTVF92b, RV07, VR11, AZK95, JKH$^+$17, NF03, Sal73]. **Recursive** [VR11]. **réel** [FGR76]. **reference** [CMM16]. **regular** [CL23]. **Regularity** [XB13, XB12]. **regulated** [RR71]. **Reinsch** [Oli80]. **related**

[AN91, Jai74, Not16, OR78, SS78a, SS78b]. **Relations** [CO51, PTVF92b]. **relative** [Han73]. **Remark** [Ged79, Goo73, Mar86]. **Remarks** [FW66]. **Rémès** [Car72a, Car72b]. **report** [Rie71]. **restricted** [RT72, ST69, Tay68, Tay69]. **Review** [Cle65, Cle66a, Cle67, Cle68a]. **Reviews** [Cle63, Cle72, W.63]. **ring** [Sch78]. **Ritz** [BdBSW66]. **robust** [AN91]. **Root** [CT89]. **roots** [CO86]. **Round** [Pry81]. **Round-off** [Pry81]. **Rounding** [Bar02, Bar03]. **Rule** [PDP12a, CE09, HS15, KKY07, LX19, PDP12b, XrL11]. **Rules** [PDP12a, Wal06, Ada87, AN91, CL23, DD11, DGS11, DGK13, Dom14, HST93, Maj19, Maj21b, Maj21a, MFA22, PDP12b, Pet94, Som13, SH22, XHW14, vWGB19].

Satzes [Peh78]. **Saul'yev** [Cle65]. **Scheme** [FW66, Oli80, Sal73]. **School** [Tur89]. **science** [Ful77]. **scientific** [PTVF92a]. **second** [CS78, Jai74, Olv67, XrL11]. **second-order** [Olv67]. **semi** [SH21, SH22]. **semi-infinite** [SH21, SH22]. **separation** [CJ74]. **Series** [Cle55, Cle62a, Cle64, ES88, GCP67, Oli77, W.63, Bar02, Bas73, BS71, Boy23, Cle57, Cle60b, CN63, CP66, Cle66b, CL74, Ell68, Hol69, Hun70, Lin76, Luk76, Oli69, TE72, Ura69]. **sets** [Bra72, Mat72]. **several** [Rei77]. **Short** [BRCG55]. **simulation** [LT92]. **singular** [CE09, CL23, KEKT21, Maj19]. **singularities** [DGK13, Dom14, Wan18]. **sizes** [Han73]. **Smolyak** [HNU14]. **smooth** [CL14, NR96]. **Snyder** [Cle67]. **Software** [Ful77]. **Solution** [CO51, Cle57, Cle60b, CN63, Cle66b, EHM81, Oli69, SAM08, Ura69]. **solutions** [Olv67]. **solving** [Orl77b]. **some** [DD11]. **somme** [MP72]. **Sommerfeld** [CE60]. **sparse** [NTT15]. **Special** [CMW63, Cle72, Cle74, Deu76]. **spectral** [EL00, EL06, HFWW22]. **speed** [SV73]. **spherical** [LPM81]. **spline** [CN78]. **splines** [JS69, Sma85]. **Sprague** [De 75]. **square** [CO86, GC24, MP72]. **squares** [KKY07]. **squaring** [CT89]. **Stability** [DGS11, Bar98, MFA22, Smo02]. **Stable** [KR79, Maj19, Oli75, XHW14]. **Stammfunktion** [Fil64]. **starting** [Tay70]. **stationary** [DGK13, Maj17]. **Stationery** [W.63]. **statistics** [vWGB19]. **strategy** [Oli71]. **Stroud** [Cle63]. **Study** [Car72b]. **Suboptimal** [Sch79]. **sum** [MP72]. **Summation** [Cle55, Boy23, Deu76]. **Summer** [Tur89]. **summing** [Ell68]. **sums** [Dun75, Rei77]. **Surface** [CJ74, CH65, Cle68b]. **Survey** [COT89]. **Symbolic** [Wan92, GF92]. **symbolic-numeric** [GF92]. **symmetric** [CT88]. **Symmetrical** [LT92]. **Symposium** [Wan92]. **System** [Wan92, CT88]. **systems** [Orl77b]. **Szego** [AGR93].

Table [GS48, dB76]. **Tables** [Cle62b, Cle72, W.63, CO55]. **Talbot** [dGR95]. **Tchebichef** [Jai74]. **Tchebychev** [CS78]. **tears** [Pry81]. **Technical** [BRCG55]. **technique** [Oli69]. **term** [SH11]. **terms** [Han73]. **Their** [Cle72, RT72]. **Theorem** [Peh78]. **theorems** [And73]. **Theory** [Sut19c, Ful77]. **Time** [Has19, KR79]. **topological** [Bra72]. **tout** [FGR76]. **tractability** [HNU14]. **transcendent** [Orl77b]. **transfer** [DK71]. **Transform** [RV07, VR11, AZK95, HF11, KEKT21]. **transformation** [Gen72c, Oli80]. **transformations** [Maj19]. **transformed** [Ma15]. **transforming** [Orl77a]. **transforms** [Pie87, XCWB11, XCWB13]. **translated** [Cle63]. **Treatment** [CE60]. **Truncated** [Cle64, Boy23, SH21]. **Tschebyscheff** [Fil64]. **Tschebyscheff-Approximation** [Fil64]. **Type** [Cle65, MC05b, AF84, CS78, DD11, EL06, FLR93, HS05, LX19, Luk76, MV97, MC05a, Sch78, SH11, Smi15, SH22, XCWB11, XCWB13, XHW14, vWGB19].

ultraspherical [Han73]. **unbounded** [HW77]. **unified** [Bar03]. **Uniform** [CS78, Ell73, Neu74, Tal76]. **unisolvent** [RR71]. **univariate** [BCG74]. **University** [Cle68a]. **unknown** [Cle48, Cle80]. **Unrestricted** [CO86, CO80]. **use** [CO55]. **Using** [Boy23, VR11, AZK95, BS71, CL23, CT89, EHM81, JHC+14, NF03, RV07].

V [Cle63, Cle65, W.63]. **value** [CMM16, Ura69]. **variables** [Rei77]. **varisolvent** [Bra72]. **Verfahrens** [Fil64]. **via** [HF11, JKH+17]. **vol** [Cle72]. **Volterra** [EHM81, HFWW22].

W [LE72, W.63]. **W.** [Tod67]. **w.r.t** [CE09]. **Walsh** [Ric64]. **weak** [HNU14]. **weight** [HS05, SH11, Smi15, Som13]. **weight-function** [HS05]. **weighting** [Kus72]. **weights** [HST93]. **which** [CMM16]. **whole** [FGR76]. **wide** [JHC+14]. **Wiener** [XrL11]. **Wilkinson** [Ano78, Cle04]. **William** [CLG+03].

X [W.63]. **xx** [Cle72].

York [Cle63, Cle72]. **Yudell** [Cle72].

zeros [Boy23]. **Zolotareff** [Tod67]. **zum** [Bra73].

References

Adam:1987:AFE

[Ada87] Gh. Adam. Alternative formulation of the extended Clenshaw–Curtis quadrature rules for oscillating integrals. *Revue Roumaine de Physique*, 32(8):813–826, 1987. CODEN RRPQAN. ISSN 0035-4090.

Akrivis:1984:DQF

[AF84] G. Akrivis and K.-J. Förster. On the definiteness of quadrature formulae of Clenshaw–Curtis type. *Computing*, 33(3–4):363–366, September 1984. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Ammar:1993:ASP

[AGR93] Gregory S. Ammar, William B. Gragg, and Lothar Reichel. An analogue for Szegő polynomials of the Clenshaw algorithm. *Journal of Computational and Applied Mathematics*, 46(1–2): 211–216, June 14, 1993. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/037704279390296N`. Computational complex analysis.

Adam:1991:PIR

[AN91] Gh. Adam and A. Nobile. Product integration rules at Clenshaw–Curtis and related points: a robust implementation. *IMA Journal of Numerical Analysis*, 11(2):271–296, April 1991. CODEN IJNADH. ISSN 0272-4979 (print), 1464-3642 (electronic).

Andria:1973:CTI

[And73] George D. Andria. Convergence theorems for integral polynomial approximations. *Journal of Approximation Theory*, 7: 319–324, 1973. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Anonymous:1978:CDJ

[Ano78] Anonymous, editor. *The Contribution of Dr. J. H. Wilkinson to Numerical Analysis*, Symposium Proceedings Series No. 19. The Institute of Mathematics and its Applications, 1978.

Anonymous:1992:LF

[Ano92] Anonymous. Leslie Fox: 1918–1992. Oxford University booklet., 1992. ii + 77 pp. URL `https://people.maths.ox.ac.uk/wathen/fox/Leslie_Fox_booklet_1994.pdf`. Includes brief C.V. (completed 3 days before Leslie Fox's death), and a bibliography of his publications. Memories of Leslie Fox by C. W. Clenshaw, pp. 7–10.

Al-Towaiq:2017:MAC

[ATAAK17] Mohammad Al-Towaiq, Marwan Alquran, and Osama Al-Khazaleh. A modified algorithm for the Clenshaw–Curtis method. *Journal of Information & Optimization Sciences*, 38(3–4):455–469, 2017. CODEN JIOSDC. ISSN 0252-2667.

Aburdene:1995:CDC

[AZK95] M. F. Aburdene, Jianqing Zheng, and R. J. Kozick. Computation of discrete cosine transform using Clenshaw's recurrence formula. *IEEE Signal Processing Letters*, 2(8):155–156, August 1995. CODEN ISPLEM. ISSN 1070-9908 (print), 1558-2361 (electronic).

Baker:1974:CIC

[Bak74] George A. Baker, Jr. Certain invariance and convergence properties of the Padé approximant. *Rocky Mountain Journal of Mathematics*, 4(2):141–149, June 1974. CODEN RMJMAE. ISSN 0035-7596 (print), 1945-3795 (electronic).

Barrio:1998:MAS

[Bar98] Roberto Barrio. A matrix analysis of the stability of the Clenshaw algorithm. *Extracta Mathematicae*, 13(1):21–26, 1998. ISSN 0213-8743. URL `http://eudml.org/doc/38560`.

Barrio:2002:REB

[Bar02] Roberto Barrio. Rounding error bounds for the Clenshaw and Forsythe algorithms for the evaluation of orthogonal polynomial series. *Journal of Computational and Applied Mathematics*, 138 (2):185–204, January 15, 2002. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S037704270100382X`.

Barrio:2003:URE

[Bar03] Roberto Barrio. A unified rounding error bound for polynomial evaluation. *Advances in Computational Mathematics*, 19(4):385–399, November 2003. CODEN ACMHEX. ISSN 1019-7168 (print), 1572-9044 (electronic). URL `http://link.springer.com/article/10.1023/A:1024203520270`.

Barden:2013:MCC

[Bar13] Jeffrey Michael Barden. A modified Clenshaw–Curtis quadrature algorithm. M.S. in applied mathematics, Worcester Polytechnic Institute, Worcester, MA, USA, April 24, 2013. iv + 29 pp.

Basu:1973:DCS

[Bas73] N. K. Basu. On double Chebyshev series approximation. *SIAM Journal on Numerical Analysis*, 10(3):496–505, June 1973. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Birkhoff:1974:MAL

[BCG74] Garrett Birkhoff, James C. Cavendish, and William J. Gordon. Multivariate approximation by locally blended univariate interpolants. *Proc. Natl. Acad. Sci. USA*, 71(9):3423–3425, September 1, 1974. CODEN PNASA6. ISSN 0027-8424 (print), 1091-6490 (electronic).

Birkhoff:1966:RRA

[BdBSW66] Garrett Birkhoff, C. de Boor, B. Swartz, and B. Wendroff. Rayleigh–Ritz approximation by piecewise cubic polynomials. *SIAM Journal on Numerical Analysis*, 3(2):188–203, June 1966. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Boyd:2023:UPA

[Boy23] John P. Boyd. Using parity to accelerate Hermite function computations: zeros of truncated Hermite series, Gaussian quadrature and Clenshaw summation. *Mathematics and Computers in Simulation*, 207:521–532, May 2023. CODEN MCSIDR. ISSN 0378-4754 (print), 1872-7166 (electronic).

Branders:1975:ECC

[BP75] Maria Branders and Robert Piessens. An extension of Clenshaw–Curtis quadrature. *Journal of Computational and Applied Mathematics*, 1(1): 55–65, March 1975. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0771050X75900091`.

Braess:1972:TPS

[Bra72] D. Braess. On topological properties of sets admitting varisolvent functions. *Proceedings of the American Mathematical Society*, 34(2):453–456, August 1972. CODEN PAMYAR. ISSN 0002-9939 (print), 1088-6826 (electronic).

Brass:1973:FQC

[Bra73] Helmut Braß. Eine Fehlerabschätzung zum Quadraturverfahren von Clenshaw und Curtis. (German) [An error estimation of the quadrature method of Clenshaw and Curtis]. *Numerische Mathematik*, 21(5):397–403, October 1973. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Brass:1992:EEC

[Bra92] Helmut Braß. Error estimation for the Clenshaw–Curtis quadrature method. *Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft*, 43:45–53, 1992. CODEN ABWGAZ. ISSN 0068-0737.

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).

Boggs:1971:NIO

[BS71] R. A. C. Boggs and F. J. Smith. A note on the integration of ordinary differential equations using Chebyshev series. *The Computer Journal*, 14(3):270–271, August 1971. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/14/3/270.full.pdf+html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_14/Issue_03/140270.sgm.abs.html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_14/Issue_03/tiff/270.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_14/Issue_03/tiff/271.tif`.

Carasso:1972:DHA

[Car72a] C. Carasso. Densité des hypothèses assurant la convergence de l'algorithme de Rémès. (French) [Density of hypotheses ensuring the convergence of the Rémès algorithm]. *Revue Française d'Automatique, Informatique et Recherche Opérationnelle*, 6:69–84, 1972. ISSN 0035-3035.

Carasso:1972:EAR

[Car72b] Claude Carasso. Étude de l'algorithme de Rémès en l'absence de condition de Haar (French) [study of the algorithm Rémès in the absence of Haar condition]. *Numerische Mathematik*, 20(2):165–178, April 1972. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Clenshaw:1960:MNI

[CC60] C. W. Clenshaw and A. R. Curtis. A method for numerical integration on an automatic computer. *Numerische Mathematik*, 2(1):197–205, December 1960. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Clenshaw:1960:NTO

[CE60] C. W. Clenshaw and D. Elliott. A numerical treatment of the Orr–Sommerfeld equation in the case of a laminar jet. *Quarterly Journal of Mechanics and Applied Mathematics*, 13(3):300–313, 1960. CODEN QJMMAV. ISSN 0033-5614 (print), 1464-3855 (electronic).

Calabro:2009:ECC

[CE09] F. Calabrò and A. Corbo Esposito. An evaluation of Clenshaw–Curtis quadrature rule for integration w.r.t. singular measures. *Journal of Computational and Applied Mathematics*, 229 (1):120–128, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0377042708005256`.

Clenshaw:1961:MCM

[CGM+61] C. W. Clenshaw, E. T. Goodwin, D. W. Martin, G. F. Miller, F. W. J. Olver, and J. H. Wilkinson. *Modern Computing Methods*, volume 16 of *National Physical Laboratory. Notes on Applied Science*. Her Majesty's Stationery Office, London, UK, second edition, 1961. vi + 170 pp. LCCN QA297 .T4 1961.

Clenshaw:1965:CSF

[CH65] C. W. Clenshaw and J. G. Hayes. Curve and surface fitting. *Journal of the Institute of Mathematics and its Applications*, 1(2): 164–183, June 1965. CODEN JMTAA8. ISSN 0020-2932.

Chawla:1968:EEC

[Cha68] M. M. Chawla. Error estimates for the Clenshaw–Curtis quadrature. *Mathematics of Computation*, 22(103):651–656, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Call:1974:SFS

[CJ74] E. S. Call and F. F. Judd. Surface fitting by separation. *Journal of Approximation Theory*, 12: 283–290, 1974. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Clenshaw:1974:RAC

[CL74] C. W. Clenshaw and K. Lord. Rational approximations from Chebyshev series. In *Studies in Numerical Analysis (papers in Honour of Cornelius Lanczos on the Occasion of His 80th Birthday)*, pages 95–113. Royal Irish Academy, Dublin, Ireland, 1974.

Chen:2014:MNC

[CL14] Qiong-Sheng Chen and Fu-Rong Lin. A modified Nyström–Clenshaw–Curtis quadrature for integral equations with piecewise smooth kernels. *Applied Numerical Mathematics: Transactions of IMACS*, 85:77–89, November 2014. CODEN ANMAEL. ISSN 0168-9274 (print), 1873-5460 (electronic).

Chen:2023:NCR

[CL23] Linchong Chen and Xiaolin Li. Numerical calculation of regular and singular integrals in boundary integral equations using Clenshaw–Curtis quadrature rules. *Engineering Analysis with Boundary Elements*, 155:25–37, 2023. ISSN 0955-7997 (print), 1873-197X (electronic).

Clenshaw:1948:U

[Cle48] Charles William Clenshaw. *[unknown]*. Ph.D. dissertation, University of London, London, UK, 1948.

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, July 1955. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).

Clenshaw:1957:NSL

[Cle57] C. W. Clenshaw. The numerical solution of linear differential equations in Chebyshev series. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 53(1): 134–149, January 1957. CODEN PCPSA4. ISSN 0008-1981.

Clenshaw:1960:CFD

[Cle60a] C. W. Clenshaw. Curve fitting with a digital computer. *The Computer Journal*, 2(4): 170–173, January 1960. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/2/4/170.full.pdf+html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_02/Issue_04/020170.sgm.abs.html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_02/Issue_04/tiff/170.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_02/Issue_04/tiff/171.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_02/Issue_04/tiff/172.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_02/Issue_04/tiff/173.tif`.

Clenshaw:1960:NSO

[Cle60b] C. W. Clenshaw. The numerical solution of ordinary differential equations in Chebyshev series. In *Symposium on the Numerical Treatment of Ordinary Differential Equations, Integral and Integro-differential Equations (Rome, 1960)*, pages 222–227. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1960.

Clenshaw:1962:CSM

[Cle62a] C. W. Clenshaw. *Chebyshev Series for Mathematical Functions*, volume 5 of *National Physical Laboratory. Mathematical tables*. Her Majesty's Stationery Office, London, UK, 1962. iv + 36 pp. Department of Scientific and Industrial Research.

Clenshaw:1962:MT

[Cle62b] C. W. Clenshaw. *Mathematical Tables*. National Physical Laboratory. Mathematical tables. Her

Majesty's Stationery Office, London, UK, 1962. 36 pp.

Clenshaw:1963:BRN

[Cle63] C. W. Clenshaw. Book reviews: Numerical analysis: *Approximate Calculation of Integrals*, by V. I. Krylov, translated by Arthur H. Stroud, 1962; 357 pages. (New York: The Macmillan Company, $7.50. London: The Macmillan Company, New York). *The Computer Journal*, 6 (2):207–208, August 1963. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/6/2/207.full.pdf+html`.

Clenshaw:1964:CBP

[Cle64] C. W. Clenshaw. A comparison of "Best" polynomial approximations with truncated Chebyshev series expansions. *Journal of the Society for Industrial and Applied Mathematics: Series B, Numerical Analysis*, 1(1):26–37, January 1964. ISSN 0887-459X (print), 2168-3581 (electronic).

Clenshaw:1965:BRI

[Cle65] C. W. Clenshaw. Book review: *Integration of Equations of Parabolic Type by the Method of Nets*, V. K. Saul'yev, 1964; 346 pages. (Oxford: Pergamon Press Ltd.). *The Computer Journal*, 8(2):156, February 1965. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/8/2/156.full.pdf+html`.

Clenshaw:1966:BRA

[Cle66a] C. W. Clenshaw. Book review: *Approximation of Functions*, edited by H. Garabedian, 1965; 215 pages. *The Computer Journal*, 9(3):285, November 1966. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/9/3/285.full.pdf+html`.

Clenshaw:1966:SVP

[Cle66b] C. W. Clenshaw. The solution of van der Pol's equation in Chebyshev series. In *Numerical Solutions of Nonlinear Differential Equations (Proceedings of the Advanced Symposium, Madison, Wisconsin, 1966)*, pages 55–63. Wiley, New York, NY, USA, 1966.

Clenshaw:1967:CMN

[Cle67] C. W. Clenshaw. Book review: *Chebyshev methods in numerical approximation*: by Martin A. Snyder. 114 pages, 6 × 9 in. Englewood Cliffs, N.J., Prentice-Hall, Inc., 1966. *Journal of The Franklin Institute*, 284(5):338–??, November 1967. CODEN JFINAB. ISSN 0016-0032 (print), 1879-2693 (electronic). URL `https://api.semanticscholar.org/CorpusID:117920278`.

Clenshaw:1968:BRC

[Cle68a] C. W. Clenshaw. Book review: *Chebyshev Polynomials in Nu-*

merical Analysis, by L. Fox and I. B. Parker, 1969; 205 pages (Oxford University Press). *The Computer Journal*, 11(3):310, March 1968. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/11/3/310.full.pdf+html`.

Clenshaw:1968:CSF

[Cle68b] C. W. Clenshaw. Curve and surface fitting. Report NPL Ma 72, National Physical Laboratory Division of Numerical Applied Mathematics, Teddington, UK, 1968. 21 pp.

Clenshaw:1972:RDT

[Cle72] C. W. Clenshaw. Reviews and descriptions of tables and books: Yudell L. Luke, *The Special Functions and Their Approximations*, Academic Press, New York, 1969, vol. I, xx + 349 pp., vol. II, xx + 485 pp., 23 cm. *Mathematics of Computation*, 26(117):297–299, January 1972. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL `https://www.jstor.org/stable/2004747`.

Clenshaw:1974:RAS

[Cle74] C. W. Clenshaw. Rational approximations for special functions. In *Software for Numerical Mathematics (Proceedings of a Conference, Institute of Mathematics and Applications, Loughborough University Tech., Loughborough, 1973)*, pages 275–284, 301. Academic Press, New York, USA, 1974. With discussion by J. A. Grant and C. W. Clenshaw.

Clenshaw:1978:NLA

[Cle78] C. W. Clenshaw. A new look at error analysis. In Anonymous [Ano78], pages 54–75.

Clenshaw:1980:U

[Cle80] Charles William Clenshaw. *[unknown]*. D.Sc., University of London, London, UK, 1980.

Clenshaw:1992:MLF

[Cle92a] C. W. Clenshaw. Memories of Leslie Fox. In LF-1992 [Ano92], pages 8–10. URL `https://people.maths.ox.ac.uk/wathen/fox/Leslie_Fox_booklet_1994.pdf`. Includes brief C.V. (completed 3 days before Leslie Fox's death), and a bibliography of his publications. Memories of Leslie Fox by C. W. Clenshaw, pp. 7–10.

Clenshaw:1992:OPL

[Cle92b] Charles Clenshaw. Obituary: Professor Leslie Fox. *The Independent*, ??(??):??, August 10, 1992. URL `https://www.independent.co.uk/news/people/obituary-professor-leslie-fox-1539620.html`.

Clenshaw:2004:WJH

[Cle04] C. W. Clenshaw. Wilkinson, James Hardy (1919–1986), mathematician. In *Oxford Dictionary of National Biography*, page ?? Oxford University Press, Walton Street, Oxford OX2 6DP, UK, September 2004.

Cheney:2003:WAL

[CLG+03] E. Ward Cheney, Jeremey Levesley, Charles Goldie, Charles W. Clenshaw, Graham Jameson, Peter Turner, Rick Beatson, and Manfred v. Golitschek. William Allan Light: (19 April 1950–8 December 2002). *Journal of Approximation Theory*, 123(1):1–12, July 2003. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Clenshaw:1986:GEL

[CLOT86] C. W. Clenshaw, Daniel W. Lozier, Frank W. J. Olver, and Peter R. Turner. Generalized exponential and logarithmic functions. *Computers and Mathematics and Applications*, 12 (Part 2)(5–6):1091–1101, September/December 1986. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL http://www.sciencedirect.com/science/article/pii/0898122186902336.

Coleman:1983:CEB

[CM83] J. P. Coleman and A. J. Monaghan. Chebyshev expansions for the Bessel function $J_n(z)$ in the complex plane. *Mathematics of Computation*, 40(161):343–366, January 1983. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Clenshaw:2016:OVR

[CMM16] C. W. Clenshaw, K. Miller, and W. Meecham. obscure the value of a reference book which no practical mathematician can afford. Unknown, 2016. URL https://www.semanticscholar.org/paper/obscure-the-value-of-a-reference-book-which-no-can-Clenshaw-Miller/cd7c67a84fe815bd76ab7b48997

Clenshaw:1963:ASF

[CMW63] C. W. Clenshaw, G. F. Miller, and M. Woodger. Algorithms for special functions I. *Numerische Mathematik*, 4(1):403–419, December 1963. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic). From the Web page: "Editor's note. In this fascicle, prepublication of algorithms from the Special Function series of the Handbook for Automatic Computation is started. Algorithms are published in ALGOL 60 reference language [1] as approved recently by the IFIP.".

Clenshaw:1963:SNO

[CN63] C. W. Clenshaw and H. J. Norton. The solution of nonlinear ordinary differential equations in Chebyshev series. *The Computer Journal*, 6(1):88–92, April 1963. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL http://comjnl.oxfordjournals.org/content/6/1/88.full.pdf+html; http://www3.oup.co.uk/computer_journal/hdb/Volume_06/Issue_01/060088.sgm.abs.html; http://www3.oup.co.uk/computer_journal/hdb/Volume_06/Issue_01/tiff/88.tif; http://www3.oup.co.uk/computer_journal/

hdb/Volume_06/Issue_01/tiff/89.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_06/Issue_01/tiff/90.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_06/Issue_01/tiff/91.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_06/Issue_01/tiff/92.tif.

Clenshaw:1978:CSA

[CN78] C. W. Clenshaw and B. Negus. The cubic X-spline and its application to interpolation. *Journal of the Institute of Mathematics and its Applications*, 22(1):109–119, August 1978. CODEN JMTAA8. ISSN 0020-2932.

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).

Clenshaw:1955:UEP

[CO55] C. W. Clenshaw and Frank W. J. Olver. The use of economized polynomials in mathematical tables. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 51(4):614–628, October 1955. CODEN PCPSA4. ISSN 0008-1981.

Clenshaw:1980:UAE

[CO80] C. W. Clenshaw and Frank W. J. Olver. An unrestricted algorithm for the exponential function. *SIAM Journal on Numerical Analysis*, 17(2):310–331, April 1980. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Clenshaw:1984:BFP

[CO84] C. W. Clenshaw and Frank W. J. Olver. Beyond floating point. *Journal of the ACM*, 31(2):319–328, March 30, 1984. CODEN JACOAH. ISSN 0004-5411 (print), 1557-735X (electronic).

Clenshaw:1986:UAR

[CO86] C. W. Clenshaw and Frank W. J. Olver. Unrestricted algorithms for reciprocals and square roots. *BIT (Nordisk tidskrift for informationsbehandling)*, 26(4):476–492, December 1986. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic).

Clenshaw:1987:LIA

[CO87] C. W. Clenshaw and Frank W. J. Olver. Level-index arithmetic operations. *SIAM Journal on Numerical Analysis*, 24(2):470–485, April 1987. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Cohen:1973:PAF

[Coh73] Edgar A. Cohen, Jr. Polynomial approximation of a function and its first derivative in

near minimax norms. *Mathematics of Computation*, 27(124): 817–827, October 1973. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Clenshaw:1989:LIA

[COT89] C. W. Clenshaw, F. W. J. Olver, and Peter R. Turner. Level-index arithmetic: An introductory survey. In Turner [Tur89], pages 95–168. CODEN LNMAA2. ISBN 3-540-51645-X. Lectures from the Third S.E.R.C. Numerical Analysis Summer School held at the University of Lancaster, Lancaster, 1987.

Clenshaw:1966:CSB

[CP66] C. W. Clenshaw and Susan M. Picken. *Chebyshev series for Bessel functions of fractional order*, volume 8 of *National Physical Laboratory. Mathematical tables*. Her Majesty's Stationery Office, London, UK, 1966. iii + 53 pp.

Chauhan:1978:UCR

[CS78] B. P. S. Chauhan and K. B. Srivastava. Uniform convergence and rapidity of convergence of Grunwald-type operators on extended Tchebychev nodes of second kind. *Indian Journal of Pure and Applied Mathematics*, 9(12): 1337–1343, 1978. ISSN 0019-5588 (print), 0975-7465 (electronic).

Clenshaw:1988:SLI

[CT88] C. W. Clenshaw and Peter R. Turner. The symmetric level-index system. *IMA Journal of Numerical Analysis*, 8(4):517–526, October 1988. CODEN IJNADH. ISSN 0272-4979 (print), 1464-3642 (electronic).

Clenshaw:1989:RSU

[CT89] C. W. Clenshaw and Peter R. Turner. Root squaring using level-index arithmetic. *Computing*, 43(2):171–185, June 1989. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

deBruin:1976:CPT

[dB76] M. G. de Bruin. Convergence in the Padé table for ${}_1F_1(1;c;x)$. *Indagationes Mathematicæ*, 38(5):408–418, 1976. CODEN IMTHBJ. ISSN 0019-3577 (print), 1872-6100 (electronic). Nederl. Akad. Wetensch. Proc. Ser. A **79**.

Dash:2011:ISC

[DD11] Rajani Ballav Dash and Debasish Das. Identification of some Clenshaw–Curtis quadrature rules as mixed quadrature of Fejer and Newton–Cote type of rules. *International Journal of Mathematical Sciences & Applications*, 1(3):1493–1496, 2011. ISSN 2230-9888.

DeKerf:1975:IMS

[De 75] Joseph L. F. De Kerf. The interpolation method of Sprague–Karup. *Journal of Computational and Applied Mathematics*, 1(2):101–110, June 1975. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

Denisenko:1986:CCQ

[Den86] P. N. Denisenko. The Clenshaw and Curtis quadrature formula. *Izvestiia Vysshikh Uchebnykh Zavedenii. Matematika*, 4: 71–73, 85, 1986. CODEN IVUMBY. ISSN 0021-3446 (print), 2076-4626 (electronic).

Deuflhard:1976:ASC

[Deu76] P. Deuflhard. On algorithms for the summation of certain special functions. *Computing*, 17 (1):37–48, March 1976. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Dominguez:2013:FCC

[DGK13] V. Domínguez, I. G. Graham, and T. Kim. Filon–Clenshaw–Curtis rules for highly oscillatory integrals with algebraic singularities and stationary points. *SIAM Journal on Numerical Analysis*, 51(3):1542–1566, January 2013. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

deRosa:1995:PTA

[dGR95] M. A. de Rosa, G. Giunta, and M. Rizzardi. Parallel Talbot's algorithm for distributed memory machines. *Parallel Computing*, 21(5):783–80, May 10, 1995. CODEN PACOEJ. ISSN 0167-8191 (print), 1872-7336 (electronic). URL `http://www.elsevier.com/cgi-bin/cas/tree/store/parco/cas_sub/browse/browse.cgi?year=1995&volume=21&issue=5&aid=974`.

Dominguez:2011:SEE

[DGS11] V. Domínguez, I. G. Graham, and V. P. Smyshlyaev. Stability and error estimates for Filon–Clenshaw–Curtis rules for highly oscillatory integrals. *IMA Journal of Numerical Analysis*, 31 (4):1253–1280, April 2011. CODEN IJNADH. ISSN 0272-4979 (print), 1464-3642 (electronic).

Dierieck:1971:PCA

[DK71] C. Dierieck and Y. Kamp. Polynomial Chebyshev approximation of a complex transfer function. *Computing*, 8(3–4):335–342, September 1971. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Dominguez:2014:FCC

[Dom14] Víctor Domínguez. Filon–Clenshaw–Curtis rules for a class of highly-oscillatory integrals with logarithmic singularities. *Journal of Computational and Applied Mathematics*, 261:299–319, May 2014. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

Dunham:1973:CA

[Dun73a] Ch. B. Dunham. Chebyshev approximation by $A^*\Phi(Bx)$. *Zeitschrift für Angewandte Mathematik und Mechanik*, 53(6):353–354, 1973. CODEN ZAMMAX. ISSN 0044-2267 (print), 1521-4001 (electronic).

Dunham:1973:CAL

[Dun73b] Ch. B. Dunham. Chebyshev approximation by logarithmic fam-

ilies. *Zeitschrift für Angewandte Mathematik und Mechanik*, 53 (6):352–353, 1973. CODEN ZAMMAX. ISSN 0044-2267 (print), 1521-4001 (electronic).

Dunham:1975:CAP

[Dun75] Charles B. Dunham. Chebyshev approximation by polynomial-rational sums. *Zeitschrift für Angewandte Mathematik und Mechanik*, 55(12):758–759, 1975. CODEN ZAMMAX. ISSN 0044-2267 (print), 1521-4001 (electronic).

Evans:1981:ISV

[EHM81] G. A. Evans, J. Hyslop, and A. P. G. Morgan. Iterative solution of Volterra integral equations using Clenshaw–Curtis quadrature. *Journal of Computational Physics*, 40 (1):64–76, March 1981. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0021999181901996`.

Elliott:2008:CCG

[EJJ08] David Elliott, Barbara M. Johnston, and Peter R. Johnston. Clenshaw–Curtis and Gauss–Legendre quadrature for certain boundary element integrals. *SIAM Journal on Scientific Computing*, 31(1):510–530, January 2008. CODEN SJOCE3. ISSN 1064-8275 (print), 1095-7197 (electronic).

Elnagar:2000:CCS

[EL00] Gamal N. Elnagar and Ken S. Li. Clenshaw–Chebyshev spectral method for Hammerstein equations. *International Journal of Differential Equations and Applications*, 1(3):307–321, 2000. ISSN 1311-2872.

Elnagar:2006:CCS

[EL06] Gamal N. Elnagar and Ken S. Li. Clenshaw–Chebyshev spectral method for mixed type Hammerstein equations. *Far East Journal of Applied Mathematics*, 23(2):135–145, 2006. ISSN 0972-0960.

Elliott:1968:EAA

[Ell68] David Elliott. Error analysis of an algorithm for summing certain finite series. *Journal of the Australian Mathematical Society*, 8(2):213–221, May 1968. CODEN JAUMAX. ISSN 0004-9735 (print), 2059-9234 (electronic).

Elliott:1973:DMA

[Ell73] D. Elliott. A direct method for "almost" best uniform approximations. In *Error, approximation, and accuracy (Proceedings of a Seminar, Australian National University, Canberra, 1972)*, pages 129–143. University of Queensland Press, St. Lucia, Brisbane, QLD, Australia, 1973.

Ellacott:1988:CMG

[ES88] S. W. Ellacott and E. B. Saff. On Clenshaw's method and a generalisation to Faber series. *Numerische Mathematik*, 52(5):

499–509, May 1988. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Freud:1976:APT

[FGR76] G. Freud, A. Giroux, and Q. I. Rahman. Sur l'approximation polynomiale sur tout l'axe réel, (French) [On the polynomial approximation on the whole real axis]. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 28(5): 961–967, October 1, 1976. CODEN CJMAAB. ISSN 0008-414X.

Filippi:1964:ATA

[Fil64] Siegfried Filippi. Angenäherte Tschebyscheff-Approximation einer Stammfunktion des Verfahrens von Clenshaw und Curtis. (German) [Chebyshev approximation of a primitive function of the Clenshaw–Curtis methods]. *Numerische Mathematik*, 6(1):320–328, December 1964. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Favati:1993:BEF

[FLR93] Paola Favati, Grazia Lotti, and Francesco Romani. Bounds on the error of Fejér and Clenshaw–Curtis type quadrature for analytic functions. *Applied Mathematics Letters*, 6(6):3–8, November 1993. CODEN AMLEEL. ISSN 0893-9659 (print), 1873-5452 (electronic).

Fullerton:1977:SAA

[Ful77] L. Wayne Fullerton. Software for approximations or approximation theory as an experimental science. In *Padé and rational approximation (Proceedings of the International Symposium, University of South Florida, Tampa, Florida, 1976)*, pages 399–411. Academic Press, New York, USA, 1977. ISBN 0-12-614150-9.

Fraser:1966:RCC

[FW66] W. Fraser and M. W. Wilson. Remarks on the Clenshaw–Curtis quadrature scheme. *SIAM Review*, 8(3):322–327, July 1966. CODEN SIREAD. ISSN 0036-1445 (print), 1095-7200 (electronic).

Gautschi:1979:CPP

[Gau79] Walter Gautschi. The condition of polynomials in power form. *Mathematics of Computation*, 33(145):343–352, January 1979. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Gao:2024:BFC

[GC24] Jing Gao and Gaoqin Chang. A bivariate Filon–Clenshaw–Curtis method of the highly oscillatory integrals on a square. *Journal of Computational and Applied Mathematics*, 439:Paper No. 115599, March 15, 2024. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

Goldstein:1967:CSB

[GCP67] Max Goldstein, C. W. Clenshaw, and Susan M. Picken. Chebyshev series for Bessel functions

of fractional order. *Mathematics of Computation*, 21(99):509–??, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Geddes:1979:RCC

[Ged79] K. O. Geddes. Remark on "Algorithm 424: Clenshaw–Curtis quadrature [O1]". *ACM Transactions on Mathematical Software*, 5(2):240, June 1979. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [Gen72a].

Gentleman:1972:AAC

[Gen72a] W. Morven Gentleman. ACM Algorithm 424: Clenshaw–Curtis quadrature [D1]. *Communications of the ACM*, 15(5):353–355, May 1972. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See remark [Goo73, Ged79].

Gentleman:1972:ICCa

[Gen72b] W. Morven Gentleman. Implementing Clenshaw–Curtis quadrature. I. Methodology and experience. *Communications of the ACM*, 15(5):337–342, May 1972. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Gentleman:1972:ICCb

[Gen72c] W. Morven Gentleman. Implementing Clenshaw–Curtis quadrature. II. Computing the cosine transformation. *Communications of the ACM*, 15(5):343–346, May 1972. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Geddes:1992:HSI

[GF92] K. O. Geddes and G. J. Fee. Hybrid symbolic-numeric integration in MAPLE. In Wang [Wan92], pages 36–41. ISBN 0-89791-489-9. LCCN QA 76.95 I59 1992.

Gao:2017:GFC

[GI17] Jing Gao and Arieh Iserles. A generalization of Filon–Clenshaw–Curtis quadrature for highly oscillatory integrals. *BIT (Nordisk tidskrift for informationsbehandling)*, 57(4):943–961, September 2017. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic).

Good:1973:RAC

[Goo73] Albert J. Good. Remark on Algorithm 424: Clenshaw–Curtis quadrature [D1]. *Communications of the ACM*, 16(8):490, August 1973. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See [Gen72a].

Goodwin:1948:T

[GS48] E. T. Goodwin and J. Staton. Table of *du*. *Quarterly Journal of Mechanics and Applied Mathematics*, 1(1):319–326, January 1948. CODEN QJMMAV. ISSN 0033-5614 (print), 1464-3855 (electronic).

Guo:2022:CGN

[GW22] Yuhe Guo and Zhewei Wei. Clenshaw graph neural net-

works. Technical report, Renmin University of China, Beijing, China, October 2022. 1–10 pp. URL https://www.researchgate.net/publication/364953685_Clenshaw_Graph_Neural_Networks. Published in [GW23].

Guo:2023:CGN

[GW23] Yuhe Guo and Zhewei Wei. Clenshaw graph neural networks. In *Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining*. ACM Press, New York, NY 10036, USA, August 2023.

Handscomb:1973:RST

[Han73] D. C. Handscomb. The relative sizes of the terms in Chebyshev and other ultraspherical expansions. *Journal of the Institute of Mathematics and its Applications*, 11(2):241–246, April 1973. CODEN JMTAA8. ISSN 0020-2932.

Hasegawa:2001:EAC

[Has01] Takemitsu Hasegawa. Error analysis of Clenshaw's algorithm for evaluating derivatives of a polynomial. *BIT Numerical Mathematics*, 41(5):1019–1028, December 2001. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=41&issue=5&spage=1019. BIT 40th Anniversary Meeting.

Hashemi:2019:ECE

[Has19] Behnam Hashemi. Enclosing Chebyshev expansions in linear time. *ACM Transactions on Mathematical Software*, 45(3):27:1–27:33, July 2019. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL https://dl.acm.org/citation.cfm?id=3319395.

Haavie:1969:MCC

[Håv69] T. Håvie. On a modification of the Clenshaw–Curtis quadrature formula. *BIT (Nordisk tidskrift for informationsbehandling)*, 9(4):338–350, December 1969. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=9&issue=4&spage=338.

Hays:1973:MDE

[Hay73] Richard O. Hays. Multidimensional extension of the Chebyshev polynomials. *Mathematics of Computation*, 27(123):621–624, July 1973. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Hashemiparast:2011:ALT

[HF11] S. M. Hashemiparast and H. Fallahgoul. Approximation of Laplace transform of fractional derivatives via Clenshaw–Curtis integration. *International Journal of Computer Mathematics*, 88

(6):1224–1238, 2011. CODEN IJCMAT. ISSN 0020-7160.

Huang:2022:CCS

[HFWW22] Chaolan Huang, Chunhua Fang, Jianyu Wang, and Zhengsu Wan. On Clenshaw–Curtis spectral collocation method for Volterra integral equations. *Journal of Applied Mathematics and Informatics*, 40(5–6):983–993, 2022. ISSN 2734-1194 (print), 2234-8417 (electronic).

Hinrichs:2014:WTC

[HNU14] Aicke Hinrichs, Erich Novak, and Mario Ullrich. On weak tractability of the Clenshaw–Curtis Smolyak algorithm. *Journal of Approximation Theory*, 183:31–44, July 2014. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Holdeman:1969:MAF

[Hol69] Jonas T. Holdeman, Jr. A method for the approximation of functions defined by formal series expansions in orthogonal polynomials. *Mathematics of Computation*, 23(106):275–287, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Hunter:2005:QFC

[HS05] D. B. Hunter and H. V. Smith. A quadrature formula of Clenshaw–Curtis type for the Gegenbauer weight-function. *Journal of Computational and Applied Mathematics*, 177(2):389–400, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0377042704004352`.

Hasegawa:2015:EEC

[HS15] Takemitsu Hasegawa and Hiroshi Sugiura. Error estimate for a corrected Clenshaw–Curtis quadrature rule. *Numerische Mathematik*, 130(1):135–149, May 2015. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic). URL `http://link.springer.com/article/10.1007/s00211-014-0660-y`.

Hasegawa:1993:PWE

[HST93] Takemitsu Hasegawa, Hirosi Sugiura, and Tatsuo Torii. Positivity of the weights of extended Clenshaw–Curtis quadrature rules. *Mathematics of Computation*, 60(202):719–734, April 1993. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Hale:2008:NQF

[HT08] Nicholas Hale and Lloyd N. Trefethen. New quadrature formulas from conformal maps. *SIAM Journal on Numerical Analysis*, 46(2):930–948, January 2008. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic). URL `ttps://www.jstor.org/stable/40233238`.

Hasegawa:1983:GCI

[HTN83] Takemitsu Hasegawa, Tatsuo Torii, and Ichizo Ninomiya. Generalized Chebyshev interpolation

and its application to automatic quadrature. *Mathematics of Computation*, 41(164):537–553, October 1983. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Hunter:1970:CME

[Hun70] D. B. Hunter. Clenshaw's method for evaluating certain finite series. *The Computer Journal*, 13(4):378–381, November 1970. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic).

Habib:1977:DAF

[HW77] Anwar Habib and Abdul Wafi. Degree of approximation of functions by modified Bernstein polynomial on an unbounded interval. *Indian Journal of Pure and Applied Mathematics*, 8(6):691–695, 1977. ISSN 0019-5588 (print), 0975-7465 (electronic).

Imhof:1963:MNI

[Imh63] J. P. Imhof. On the method for numerical integration of Clenshaw and Curtis. *Numerische Mathematik*, 5(1):138–141, December 1963. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Jaiswal:1974:PRT

[Jai74] D. V. Jaiswal. On polynomials related to Tchebichef polynomials of the second kind. *Fibonacci Quarterly*, 12:263–265, 1974. CODEN FIBQAU. ISSN 0015-0517.

Jayarajan:1974:EEG

[Jay74] N. Jayarajan. Error estimates for Gauss–Chebyshev and Clenshaw–Curtis quadrature formulas. *Calcolo: a quarterly on numerical analysis and theory of computation*, 11(2):289–296, June 1974. CODEN CALOBK. ISSN 0008-0624 (print), 1126-5434 (electronic).

Jeong:2014:FAW

[JHC+14] Yi-Ru Jeong, Ic-Pyo Hong, Heoung-Jae Chun, Yong Bae Park, Youn-Jae Kim, and Jong-Gwan Yook. Fast analysis over a wide band using Chebyshev approximation with Clenshaw–Lord approximation. In *The 8th European Conference on Antennas and Propagation (EuCAP 2014)*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, April 2014.

Jahid:2017:IMR

[JKH+17] Tarik Jahid, Hicham Karmouni, Abdeslam Hmimid, Mhamed Sayyouri, and Hassan Qjidaa. Image moments and reconstruction by Krawtchouk via Clenshaw's recurrence formula. In *2017 International Conference on Electrical and Information Technologies (ICEIT)*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, November 2017.

Jerome:1969:S

[JS69] J. W. Jerome and L. L. Schumaker. On *Lg*-splines. *Journal of Approximation Theory*, 2: 29–49, 1969. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Kambo:1971:EBC

[Kam71a] N. S. Kambo. Error bounds for the Clenshaw–Curtis quadrature formulas. *BIT (Nordisk tidskrift for informationsbehandling)*, 11(3):299–309, September 1971. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=11&issue=3&spage=299`.

Kambo:1971:ECG

[Kam71b] N. S. Kambo. Error of certain Gauss quadrature formulas. *Journal of the Institute of Mathematics and its Applications*, 7 (3):303–307, June 1971. CODEN JMTAA8. ISSN 0020-2932.

Kayijuka:2021:CCA

[KEKT21] I. Kayijuka, Ş. M. Ege, A. Konuralp, and F. S. Topal. Clenshaw–Curtis algorithms for an efficient numerical approximation of singular and highly oscillatory Fourier transform integrals. *Journal of Computational and Applied Mathematics*, 385:Paper No. 113201, March 15, 2021. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

Kang:2003:NCC

[KKR03] Sheon-Young Kang, Israel Koltracht, and George Rawitscher. Nyström–Clenshaw–Curtis quadrature for integral equations with discontinuous kernels. *Mathematics of Computation*, 72(242): 729–756, March 2003. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Kim:2007:GCC

[KKY07] Changho Kim, Sang Dong Kim, and Jungho Yoon. Generalized Clenshaw–Curtis quadrature rule with application to a collocation least-squares method. *Applied Mathematics and Computation*, 190(1):781–789, July 1, 2007. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300307001129`.

Kusterer:1979:SEP

[KR79] Roland Kusterer and Manfred Reimer. Stable evaluation of polynomials in time $\log n$. *Mathematics of Computation*, 33(147): 1019–1031, July 1979. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Kussmaul:1972:CCQ

[Kus72] R. Kussmaul. Clenshaw–Curtis quadrature with a weighting function. *Computing*, 9(2): 159–164, June 1972. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Kutz:1984:NEE

[Küt84] Martin Kütz. A note on error estimates for the Clenshaw–Curtis and other interpolatory quadratures. *Analysis*, 4(1–2):45–51, January 1984. ISSN 0174-4747 (print), 2196-6753 (electronic).

Lam:1972:CCW

[LE72] Binh Lam and David Elliott. On a conjecture of C. W. Clenshaw. *SIAM Journal on Numerical Analysis*, 9(1):44–52, March 1972. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Lin:1976:GNP

[Lin76] E. J. Lin. Generalized nesting procedure of multiple series. *Tamkang Journal of Mathematics*, 7(2):195–199, 1976. ISSN 0049-2930 (print), 2073-9826 (electronic).

Lal:1976:CLM

[LM76] M. Lal and D. Moffatt. CHEBYLAN — a language for manipulating Chebyshev polynomials. In *Proceedings of the Fifth Manitoba Conference on Numerical Mathematics (University of Manitoba, Winnipeg, Manitoba, 1975)*, volume XVI of *Congress. Numer.*, pages 439–448. Utilitas Math., Winnipeg, MB, Canada, 1976.

Locher:1969:FQC

[Loc69] F. Locher. Fehlerabschätzungen für das Quadraturverfahren von Clenshaw und Curtis. (German) [Error estimates for the quadrature method of Clenshaw and Curtis]. *Computing*, 4(4):304–315, December 1969. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Lehman:1981:NEI

[LPM81] D. R. Lehman, William C. Parke, and L. C. Maximon. Numerical evaluation of integrals containing a spherical Bessel function by product integration. *Journal of Mathematical Physics*, 22 (7):1399–1413, July 1981. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL `http://jmp.aip.org/resource/1/jmapaq/v22/i7/p1399_s1`.

Loukrezis:2019:APL

[LRD19] Dimitrios Loukrezis, Ulrich Römer, and Herbert De Gersem. Assessing the performance of Leja and Clenshaw–Curtis collocation for computational electromagnetics with random input data. *International Journal for Uncertainty Quantification*, 9(1): 33–57, 2019. ISSN 2152-5080 (print), 2152-5099 (electronic).

Lozier:1992:SLI

[LT92] D. W. Lozier and P. R. Turner. Symmetrical level index arithmetic in simulation and modeling. *Journal of research of the National Institute of Standards and Technology*, 97(4):471–485, July/August 1992. CODEN JRITEF. ISSN 1044-677X (print), 2165-7254 (electronic).

Luke:1976:EET

[Luk76] Yudell L. Luke. On the expansion of exponential type integrals in series of Chebyshev polynomials. In *Theory of approximation, with applications (Proceedings of the Conference, University of Calgary, Calgary, Alberta, 1975; dedicated to the memory of Eckard Schmidt)*, pages 180–199. Academic Press, New York, USA, 1976.

Liu:2019:CCT

[LX19] Guidong Liu and Shuhuang Xiang. Clenshaw–Curtis-type quadrature rule for hypersingular integrals with highly oscillatory kernels. *Applied Mathematics and Computation*, 340: 251–267, January 2019. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic).

Ma:2015:ICI

[Ma15] Junjie Ma. Implementing the complex integral method with the transformed Clenshaw–Curtis quadrature. *Applied Mathematics and Computation*, 250(??):792–797, January 1, 2015. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300314013320`.

Majidian:2017:FCC

[Maj17] Hassan Majidian. Filon–Clenshaw–Curtis formulas for highly oscillatory integrals in the presence of stationary points. *Applied Numerical Mathematics: Transactions of IMACS*, 117:87–102, July 2017. CODEN ANMAEL. ISSN 0168-9274 (print), 1873-5460 (electronic).

Majidian:2019:SAF

[Maj19] Hassan Majidian. Stable application of Filon–Clenshaw–Curtis rules to singular oscillatory integrals by exponential transformations. *BIT (Nordisk tidskrift for informationsbehandling)*, 59(1): 155–181, October 2019. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic).

Majidian:2021:MFC

[Maj21a] Hassan Majidian. Modified Filon–Clenshaw–Curtis rules for oscillatory integrals with a nonlinear oscillator. *Electronic Transactions on Numerical Analysis*, 54:276–295, 2021. ISSN 1068-9613 (print), 1097-4067 (electronic).

Majidian:2021:AEF

[Maj21b] Hassan Majidian. On adaptive extended Filon–Clenshaw–Curtis rules. In *2021 52nd Annual Iranian Mathematics Conference (AIMC)*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, August 2021.

Marshak:1986:RCC

[Mar86] A. Marshak. A remark on the Clenshaw–Curtis quadrature formula. *Eesti NSV Teaduste*

Akadeemia Toimetised. Füüsika-Matemaatika. Izvestiya Akademii Nauk Èstonskoĭ SSR. Seriya Fizika-Matematika, 35(3):338–340, 344, 1986. CODEN ETFMB3. ISSN 0367-1429.

Mason:1970:OPA

[Mas70] J. C. Mason. Orthogonal polynomial approximation methods in numerical analysis. In *Approximation Theory (Proceedings of the Symposium, Lancaster, 1969)*, pages 7–33. Academic Press, London-New York, 1970.

Matthews:1972:AOB

[Mat72] J. W. Matthews. An algorithm for obtaining best approximations on sets of positive polynomials. *SIAM Journal on Numerical Analysis*, 9(4):734–742, December 1972. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic). URL `http://links.jstor.org/sici?sici=0036-1429(197212)9:4<734:AAFOBA>2.0.CO;2-T`; `https://www.jstor.org/stable/2156224`.

Mason:2005:LPA

[MC05a] J. C. Mason and A. Crampton. Laurent–Padé approximants to four kinds of Chebyshev polynomial expansions. II. Clenshaw–Lord type approximants. *Numerical Algorithms*, 38(1–3):19–29, March 2005. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic).

Mason:2005:LAAb

[MC05b] J. C. Mason and A. Crampton. Laurent–Padé approximants to four kinds of Chebyshev polynomial expansions. Part II: Clenshaw–Lord type approximants. *Numerical Algorithms*, 38 (1–3):19–29, March 2005. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic).

Majidian:2022:SFC

[MFA22] Hassan Majidian, Medina Firouzi, and Amjad Alipanah. On the stability of Filon–Clenshaw–Curtis rules. *Bulletin of the Iranian Mathematical Society*, 48 (6):2943–2964, 2022. ISSN 1017-060X.

Malenge:1972:AMQ

[MP72] Jean-Pierre Malengé and Jean Pouget. Approximation en moyenne quadratique d'une fonction par une somme d'exponentielles. Cas du meilleur conditionnement. (French) [Mean square approximation of a function by a sum of exponentials. Case of the best packaging]. *Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B*, 275:A1347–A1349, 1972. CODEN CHASAP. ISSN 0151-0509.

Murty:1971:BAC

[Mur71] V. N. Murty. Best approximation with Chebyshev polynomials. *SIAM Journal on Numerical Analysis*, 8(4):717–721, December 1971. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Mason:1997:IMC

[MV97] J. C. Mason and E. Venturino. Integration methods of Clenshaw–Curtis type, based on four kinds of Chebyshev polynomials. In Günther Nürnberger, Jochen W. Schmidt, and Guido Walz, editors, *Multivariate Approximation and Splines (Conference in Mannheim, September 7–10, 1996)*, volume 125 of *Internat. Ser. Numer. Math.*, pages 153–165. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1997. ISBN 3-7643-5654-5.

Neuman:1974:PUP

[Neu74] E. Neuman. Projections in uniform polynomial approximations. *Zastosowania Matematyki*, 14:99–125, 1974. CODEN ZAMTAK. ISSN 0044-1899.

Newbery:1974:EAP

[New74] A. C. R. Newbery. Error analysis for polynomial evaluation. *Mathematics of Computation*, 28 (127):789–793, July 1974. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Nikolajevic:2003:CFI

[NF03] Vladimir Nikolajevic and Gerhard Fettweis. Computation of forward and inverse MDCT using Clenshaw's recurrence formula. *IEEE Transactions on Signal Processing*, 51(5):1439–1444, May 2003. CODEN ITPRED. ISSN 1053-587X (print), 1941-0476 (electronic).

Notaris:2016:ENC

[Not16] Sotirios E. Notaris. The error norm of Clenshaw–Curtis and related quadrature formulae. *BIT Numerical Mathematics*, 56(2):705–728, June 2016. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://link.springer.com/article/10.1007/s10543-015-0569-6`.

Novak:1996:HDI

[NR96] Erich Novak and Klaus Ritter. High-dimensional integration of smooth functions over cubes. *Numerische Mathematik*, 75(1):79–97, November 1996. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic). URL `http://link.springer.de/link/service/journals/00211/bibs/6075001/60750079.htm`; `http://science.springer.de/nmee/bibs/6075001/60750079.htm`.

Nobile:2015:CCC

[NTT15] Fabio Nobile, Lorenzo Tamellini, and Raul Tempone. Comparison of Clenshaw–Curtis and Leja quasi-optimal sparse grids for the approximation of random PDEs. In *Spectral and High Order Methods for Partial Differential Equations—ICOSAHOM 2014*, volume 106 of *Lect. Notes Comput. Sci. Eng.*, pages 475–482. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2015. ISBN 3-319-19800-9, 3-319-19799-1.

Oliver:1969:EET

[Oli69] J. Oliver. An error estimation technique for the solution of ordinary differential equations in Chebyshev series. *The Computer Journal*, 12(1):57–62, February 1969. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic).

Oliver:1971:PSC

[Oli71] J. Oliver. A practical strategy for the Clenshaw–Curtis quadrature method. *Journal of the Institute of Mathematics and its Applications*, 8(1):53–56, August 1971. CODEN JMTAA8. ISSN 0020-2932. URL https://academic.oup.com/imamat/article-abstract/8/1/53/656064.

Oliver:1972:DAC

[Oli72] J. Oliver. A doubly-adaptive Clenshaw–Curtis quadrature method. *The Computer Journal*, 15(2):141–147, May 1972. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL http://comjnl.oxfordjournals.org/content/15/2/141.full.pdf+html; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/150141.sgm.abs.html; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/141.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/142.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/143.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/144.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/145.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/146.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_15/Issue_02/tiff/147.tif.

Oliver:1975:SME

[Oli75] J. Oliver. Stable methods for evaluating the points $\cos(i\pi/n)$. *Journal of the Institute of Mathematics and its Applications*, 16 (2):247–257, October 1975. CODEN JMTAA8. ISSN 0020-2932.

Oliver:1977:EAM

[Oli77] J. Oliver. An error analysis of the modified Clenshaw method for evaluating Chebyshev and Fourier series. *Journal of the Institute of Mathematics and its Applications*, 20(3):379–391, November 1977. CODEN JMTAA8. ISSN 0020-2932.

Oliver:1980:ANT

[Oli80] J. Oliver. On the application of Newbery's transformation to the Reinsch polynomial evaluation scheme. *Journal of Computational and Applied Mathematics*, 6(1):43–52, March 1980. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

Olver:1967:BSS

[Olv67] F. W. J. Olver. Bounds for the solutions of second-order linear difference equations. *Jour-*

nal of Research of the National Bureau of Standards. Section B, Mathematics and Mathematical Physics, 71B(4):161–166, October/December 1967. CODEN JNBBAU. ISSN 0022-4340 (print), 2376-5283 (electronic).

Olver:2004:CCM

[Olv04] Frank Olver. Charles Clenshaw: Mathematician with a flair for numerical analysis. *The Guardian*, ??(??):??, October 28, 2004. ISSN 0261-3077 (print), 1756-3224 (electronic). URL `https://www.theguardian.com/news/2004/oct/29/guardianobituaries.obituaries`.

Ostrowski:1978:IRN

[OR78] Alexander M. Ostrowski and Raymond M. Redheffer. Inequalities related to the normal law. In *General inequalities (Proceedings of the First International Conference, Mathematics Research Institute, Oberwolfach, 1976), I*, volume 41 of *Internat. Ser. Numer. Math.*, pages 125–129. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1978. ISBN 3-7643-0972-5.

Orlov:1977:ADE

[Orl77a] K. Orlov. Application of differential equations for transforming the implicit functions into the explicit ones. *Matematički Vesnik*, 1/14/29(3):295–302, 1977. ISSN 0025-5165 (print), 2406-0682 (electronic).

Orlov:1977:EQS

[Orl77b] K. Orlov. The elimination of quantities and the solving of systems of transcendent equations by means of differential equations. *Matematički Vesnik*, 1/14/29(3):303–308, 1977. ISSN 0025-5165 (print), 2406-0682 (electronic).

OHara:1968:EEC

[OS68] H. O'Hara and Francis J. Smith. Error estimation in the Clenshaw–Curtis quadrature formula. *The Computer Journal*, 11(2):213–219, August 1968. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL `http://comjnl.oxfordjournals.org/content/11/2/213.full.pdf+html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/110213.sgm.abs.html`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/213.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/214.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/215.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/216.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/217.tif`; `http://www3.oup.co.uk/computer_journal/hdb/Volume_11/Issue_02/tiff/218.tif`; `http://www3.oup.co.uk/computer_journal/`

hdb/Volume_11/Issue_02/tiff/219.tif.

Patent:1976:EQE

[Pat76] Paul D. Patent. The effect of quadrature errors in the computation of L^2 piecewise polynomial approximations. *SIAM Journal on Numerical Analysis*, 13(3):344–361, June 1976. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Piessens:1983:MCC

[PB83] Robert Piessens and Maria Branders. Modified Clenshaw–Curtis method for the computation of Bessel function integrals. *BIT (Nordisk tidskrift for informationsbehandling)*, 23(3):370–381, September 1983. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=23&issue=3&spage=370.

Pati:2012:MQRb

[PDP12a] Anasuya Pati, Rajani B. Dash, and Pritikanta Patra. A mixed quadrature rule by blending Clenshaw–Curtis and Gauss–Legendre quadrature rules for approximate evaluation of real definite integrals. *International Journal of Pure Mathematical Sciences*, 2:10–15, June 2012. ISSN 2297-6205.

Pati:2012:MQRa

[PDP12b] Anasuya Pati, Rajani B. Dash, and Pritikanta Patra. A mixed quadrature rule by blending Clenshaw–Curtis and Lobatto quadrature rules for approximating real definite integrals. *International Journal of Mathematical Sciences and Engineering Applications. IJMSEA*, 6(2):423–430, 2012. ISSN 0973-9424.

Peherstorfer:1978:ESM

[Peh78] Franz Peherstorfer. Erweiterung des Satzes von Markoff. (German) [Extension of Markoff's Theorem]. In *Linear spaces and approximation (Proceedings of the Conference, Mathematics Research Institute, Oberwolfach, 1977)*, volume 40 of *Internat. Ser. Numer. Math.*, pages 423–431. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1978. ISBN 3-7643-0979-2.

Petras:1994:HOE

[Pet94] Knut Petras. High order error constants of Clenshaw–Curtis product rules. *Analysis*, 14(1):1–18, March 1994. ISSN 0174-4747 (print), 2196-6753 (electronic).

Piessens:1987:MCC

[Pie87] R. Piessens. Modified Clenshaw–Curtis integration and applications to numerical computation of integral transforms. In *Numerical Integration (Halifax, N.S., 1986)*, volume 203 of *NATO Adv. Sci. Inst. Ser. C: Math. Phys. Sci.*, pages 35–51. D. Reidel, Dordrecht, The Netherlands; Boston, MA, USA; Lancaster, UK; Tokyo, Japan, 1987. ISBN 90-277-2514-4.

Pryce:1981:REA

[Pry81] J. D. Pryce. Round-off error analysis with fewer tears. *Bulletin of the Institute of Mathematics and its Applications*, 17(2–3):40–47, 1981. CODEN IMTABW. ISSN 0905-5628.

Press:1992:NRFa

[PTVF92a] William H. Press, Saul A. Teukolsky, William T. Vetterling, and Brian P. Flannery. *Numerical recipes in FORTRAN: the art of scientific computing*. Cambridge University Press, Cambridge, UK, second edition, October 1, 1992. ISBN 0-521-43064-X (book), 0-521-43721-0 (example book) 0-521-43717-2 (diskette), 0-521-43719-9 (diskette), 0-521-43716-4 (diskette). xxvi + 963 pp. LCCN QA76.73.C15 N865 1992. US$39.95; US$54.95. URL `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=052143064X`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437164`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437172`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437199`. Includes MacIntosh disk.

Press:1992:RRC

[PTVF92b] William H. Press, Saul A. Teukolsky, William T. Vetterling, and Brian P. Flannery. Recurrence relations and Clenshaw's recurrence formula. In NR-1992 [PTVF92a], chapter 5.5, pages 172–178. ISBN 0-521-43064-X (book), 0-521-43721-0 (example book) 0-521-43717-2 (diskette), 0-521-43719-9 (diskette), 0-521-43716-4 (diskette). LCCN QA76.73.C15 N865 1992. US$39.95; US$54.95. URL `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=052143064X`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437164`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437172`; `http://www.cbooks.com/sqlnut/SP/search/gtsumt?source=&isbn=0521437199`. Includes MacIntosh disk.

Randazzo:1977:DFE

[Ran77] D. J. Randazzo. Data fits with exponential functions. In *Numerical analysis (Proceedings of the Colloquium, Lausanne, 1976)*, volume 37 of *Internat. Ser. Numer. Math.*, pages 77–94. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1977. ISBN 3-7643-0939-3.

Reimer:1977:CSS

[Rei77] M. Reimer. Clenshaw sums in several variables. In *Constructive theory of functions of several variables (Proceedings of a Conference, Mathematics Research Institute, Oberwolfach, 1976)*, volume 571 of *Lecture Notes in Math.*, pages 176–185. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1977.

Rice:1964:WA

[Ric64] John R. Rice. On the L_∞ Walsh arrays for $\Gamma(x)$ and $\mathrm{Erfc}(x)$. *Mathematics of Computation*, 18 (88):617–626, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Riess:1971:EECa

[Rie71] R. D. Riess. Error estimates for Clenshaw–Curtis quadrature: preliminary report. *Notices of the American Mathematical Society*, 18(5):790–791, August 1971. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL `https://www.ams.org/journals/notices/197108/197108FullIssue.pdf`.

Riess:1971:EECb

[RJ71] R. D. Riess and L. W. Johnson. Error estimates for Clenshaw–Curtis quadrature. *Numerische Mathematik*, 18(4):345–353, August 1971. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Riess:1972:EEC

[RJ72] R. D. Riess and L. W. Johnson. Error estimates for Clenshaw–Curtis quadrature. *Numerische Mathematik*, 18(4):345–353, August 1972. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Roulier:1970:PBC

[Rou70] John A. Roulier. Permissable bounds on the coefficients of approximating polynomials. *Journal of Approximation Theory*, 3: 117–122, 1970. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Rowland:1969:LDP

[Row69] John H. Rowland. On the location of the deviation points in Chebyshev approximation by polynomials. *SIAM Journal on Numerical Analysis*, 6(1):118–126, March 1969. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Ray:1963:CPO

[RP63] W. D. Ray and A. E. N. T. Pitman. Chebyshev polynomial and other new approximations to Mills' ratio. *Annals of Mathematical Statistics*, 34(3): 892–902, September 1963. CODEN AASTAD. ISSN 0003-4851 (print), 2168-8990 (electronic). URL `http://projecteuclid.org/euclid.aoms/1177704012`.

Rosman:1971:CAR

[RR71] Bernard H. Rosman and Peter D. Rosenbaum. Chebyshev approximation of regulated functions by unisolvent families. *Journal of Approximation Theory*, 4: 113–119, 1971. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Roulier:1972:APR

[RT72] John A. Roulier and Gerald D. Taylor. Approximation by polynomials with restricted ranges of their derivatives. *Journal*

of Approximation Theory, 5:216–227, 1972. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Raj:2007:FCI

[RV07] P. Ananth Raj and A. Venkataramana. Fast computation of inverse Krawtchouk moment transform using Clenshaw's recurrence formula. In *2007 IEEE International Conference on Image Processing*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 2007.

Salzer:1973:RSC

[Sal73] Herbert E. Salzer. A recurrence scheme for converting from one orthogonal expansion into another. *Communications of the ACM*, 16(11):705–707, November 1973. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Saravi:2008:NSL

[SAM08] M. Saravi, F. Ashrafi, and S. R. Mirrajei. Numerical solution of linear ordinary differential equations in quantum chemistry by Clenshaw method. *International Journal of Computational and Mathematical Sciences*, 2(4):186–189, 2008. ISSN 2070-3910.

Schoenberg:1978:CMT

[Sch78] I. J. Schoenberg. On Chebyshev and Markov-type problems for polynomials in a circular ring. In *Fourier analysis and approximation theory (Proceedings of the Colloquium, Budapest, 1976), Vol. II*, volume 19 of *Colloq. Math. Soc. János Bolyai*, pages 697–712. North-Holland, Amsterdam, The Netherlands, 1978. ISBN 0-444-85197-6.

Schaback:1979:SEA

[Sch79] Robert Schaback. Suboptimal exponential approximations. *SIAM Journal on Numerical Analysis*, 16(6):1007–1018, December 1979. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Smith:2011:NEE

[SH11] H. V. Smith and D. B. Hunter. The numerical evaluation of the error term in a quadrature formula of Clenshaw–Curtis type for the Gegenbauer weight function. *BIT Numerical Mathematics*, 51(4):1031–1038, December 2011. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=51&issue=4&spage=1031`.

Sugiura:2021:TCC

[SH21] Hiroshi Sugiura and Takemitsu Hasegawa. A truncated Clenshaw–Curtis formula approximates integrals over a semi-infinite interval. *Numerical Algorithms*, 86 (2):659–674, February 2021. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic). URL `http://link.springer.com/article/10.1007/s11075-020-00905-w`.

Sugiura:2022:ECC

[SH22] Hiroshi Sugiura and Takemitsu Hasegawa. Extensions of Clenshaw–Curtis-type rules to integrals over a semi-infinite interval. *Numerical Algorithms*, 90(1):3–30, May 2022. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic). URL `https://link.springer.com/article/10.1007/s11075-021-01177-8`.

Skandari:2020:DMB

[SHN20] Mohammad Hadi Noori Skandari, Marzieh Habibli, and Alireza Nazemi. A direct method based on the Clenshaw–Curtis formula for fractional optimal control problems. *Mathematical Control and Related Fields*, 10 (1):171–187, March 2020. ISSN 2156-8472 (print), 2156-8499 (electronic).

Smarzewski:1985:SOD

[Sma85] Ryszard Smarzewski. X-splines of odd degree. *Journal of Approximation Theory*, 44(4):295–314, 1985. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Smith:1965:QMB

[Smi65] Francis J. Smith. Quadrature methods based on the Euler–Maclaurin formula and on the Clenshaw–Curtis method of integration. *Numerische Mathematik*, 7(5):406–411, October 1965. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Smith:1982:GEB

[Smi82] H. V. Smith. Global error bounds for the Clenshaw–Curtis quadrature formula. *BIT (Nordisk tidskrift for informationsbehandling)*, 22(3):395–398, September 1982. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=22&issue=3&spage=395`.

Smith:2015:CPQ

[Smi15] H. V. Smith. Convergence properties of a quadrature formula of Clenshaw–Curtis type for the Gegenbauer weight function. *BIT Numerical Mathematics*, 55 (3):823–842, September 2015. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://link.springer.com/article/10.1007/s10543-014-0520-2`.

Smoktunowicz:2002:BSC

[Smo02] Alicja Smoktunowicz. Backward stability of Clenshaw's algorithm. *BIT Numerical Mathematics*, 42(3):600–610, September 2002. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=42&issue=3&spage=600`.

Sommariva:2013:FCF

[Som13] Alvise Sommariva. Fast construction of Fejér and Clenshaw–

Curtis rules for general weight functions. *Computers and Mathematics and Applications*, 65(4): 682–693, February 2013. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S089812211200689X`.

Sloan:1978:PCR

[SS78a] Ian H. Sloan and W. E. Smith. Product-integration with the Clenshaw–Curtis and related points-convergence properties. *Numerische Mathematik*, 30(4): 415–428, December 1978. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Sloan:1978:PIC

[SS78b] Ian H. Sloan and W. E. Smith. Product-integration with the Clenshaw–Curtis and related points. Convergence properties. *Numerische Mathematik*, 30(4): 415–428, December 1978. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Sloan:1980:PIC

[SS80] Ian H. Sloan and William E. Smith. Product integration with the Clenshaw–Curtis points: implementation and error estimates. *Numerische Mathematik*, 34(4):387–401, December 1980. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Schumaker:1969:APH

[ST69] L. L. Schumaker and G. D. Taylor. On approximations by polynomials having restricted ranges. II. *SIAM Journal on Numerical Analysis*, 6(1):31–36, March 1969. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Stiefel:1965:PMP

[Sti65] E. Stiefel. Phase methods for polynomial approximation. In *Approximation of Functions (Proceedings of the Symposium at General Motors Research Laboratory, 1964)*, pages 68–82. Elsevier, Amsterdam, The Netherlands, 1965.

Sutton:2019:AAC

[Sut19a] Brian Sutton. Accuracy analysis for Clenshaw–Curtis quadrature. In *Numerical Analysis: Theory and Experiments* [Sut19c], chapter 18, pages 203–210. ISBN 1-61197-569-7 (print), 1-61197-570-0 (e-book). LCCN QA297 .S877 2019.

Sutton:2019:ICG

[Sut19b] Brian Sutton. Integration on a Chebyshev grid: Clenshaw–Curtis quadrature. In *Numerical Analysis: Theory and Experiments* [Sut19c], chapter 17, pages 195–201. ISBN 1-61197-569-7 (print), 1-61197-570-0 (e-book). LCCN QA297 .S877 2019.

Sutton:2019:NAT

[Sut19c] Brian Sutton. *Numerical Analysis: Theory and Experiments*. So-

ciety for Industrial and Applied Mathematics, Philadelphia, PA, USA, January 2019. ISBN 1-61197-569-7 (print), 1-61197-570-0 (e-book). xv + 431 pp. LCCN QA297 .S877 2019.

Singhal:1973:ASR

[SV73] K. Singhal and J. Vlach. Accuracy and speed of real and complex interpolation. *Computing*, 11(2):147–158, 1973. CODEN CMPTA2. ISSN 0010-485X (print), 1436-5057 (electronic).

Sommariva:2008:NCC

[SVZ08] Alvise Sommariva, Marco Vianello, and Renato Zanovello. Nontensorial Clenshaw–Curtis cubature. *Numerical Algorithms*, 49(1–4): 409–427, December 2008. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=1017-1398&volume=49&issue=1&spage=409`.

Talbot:1976:UAP

[Tal76] A. Talbot. The uniform approximation of polynomials by polynomials of lower degree. *Journal of Approximation Theory*, 17(3): 254–279, 1976. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Taylor:1968:APH

[Tay68] G. D. Taylor. On approximation by polynomials having restricted ranges. *SIAM Journal on Numerical Analysis*, 5(2):258–268, June 1968. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Taylor:1969:AFH

[Tay69] G. D. Taylor. Approximation by functions having restricted ranges. III. *Journal of Mathematical Analysis and Applications*, 27:241–248, 1969. CODEN JMANAK. ISSN 0022-247x (print), 1096-0813 (electronic).

Taylor:1970:OSA

[Tay70] G. D. Taylor. Optimal starting approximations for Newton's method. *Journal of Approximation Theory*, 3:156–163, 1970. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

Tuan:1972:CSE

[TE72] P. D. Tuan and David Elliott. Coefficients in series expansions for certain classes of functions. *Mathematics of Computation*, 26(117):213–232, January 1972. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Todd:1967:ICZ

[Tod67] John Todd. Inequalities of Chebyshev, Zolotareff, Cauer, and W. B. Jordan. In *Inequalities (Proceedings of a Symposium at Wright-Patterson Air Force Base, Ohio, 1965)*, pages 321–328. Academic Press, New York, USA, 1967.

Trefethen:2008:GQB

[Tre08] Lloyd N. Trefethen. Is Gauss quadrature better than Clenshaw–Curtis? *SIAM Review*, 50 (1):67–87, January 2008. CODEN SIREAD. ISSN 0036-1445 (print), 1095-7200 (electronic). URL `http://link.aip.org/link/?SIR/50/67/1`.

Tuan:1973:ECM

[Tua73] P. D. Tuan. An extension of Clenshaw's method for linear differential equations. *BIT (Nordisk tidskrift for informationsbehandling)*, 13(3):372–374, September 1973. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=13&issue=3&spage=372`.

Turner:1989:NAP

[Tur89] Peter R. Turner, editor. *Numerical Analysis and Parallel Processing: Lectures given at The Lancaster Numerical Analysis Summer School 1987*, volume 1397 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1989. ISBN 3-540-51645-X. vi + 264 pp. Lectures from the Third S.E.R.C. Numerical Analysis Summer School held at the University of Lancaster, Lancaster, 1987.

Taylor:1974:EQP

[TW74] G. D. Taylor and J. Williams. Existence questions for the problem of Chebyshev approximation by interpolating rationals. *Mathematics of Computation*, 28(128): 1097–1103, October 1974. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Urabe:1969:NSB

[Ura69] Minoru Urabe. Numerical solution of boundary value problems in Chebyshev series — a method of computation and error estimation. In *Conference on Numerical Solution of Differential Equations (Dundee, 1969)*, volume 109 of *Lecture Notes in Math.*, pages 40–86. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1969.

Venkataramana:2011:RCF

[VR11] A. Venkataramana and P. Ananth Raj. Recursive computation of forward Krawtchouk moment transform using Clenshaw's recurrence formula. In *2011 Third National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, December 2011.

vanWyk:2019:CCT

[vWGB19] Hans-Werner van Wyk, Max Gunzburger, and John Burkardt. Clenshaw–Curtis type rules for

statistics. *SIAM Journal on Scientific Computing*, ??(??): 1–26, ???? 2019. CODEN SJOCE3. ISSN 1064-8275 (print), 1095-7197 (electronic). URL `https://people.sc.fsu.edu/~jburkardt/publications/vgb_2016.pdf`.

W:1963:RDT

[W.63] J. W. W. Reviews and descriptions of tables and books: 1 [C, D, E, L, X]. — C. W. Clenshaw, *Chebyshev Series for Mathematical Functions*, Mathematical Tables, v. 5, National Physics Laboratory, Her Majesty's Stationery Office, London, 1962, iv + 36 p., 27.5 cm. *Mathematics of Computation*, 17(81):88, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Waldvogel:2006:FCF

[Wal06] Jörg Waldvogel. Fast construction of the Fejér and Clenshaw–Curtis quadrature rules. *BIT Numerical Mathematics*, 46(1): 195–202, March 2006. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0006-3835&volume=46&issue=1&spage=195`.

Wang:1992:ISS

[Wan92] Paul S. Wang, editor. *International System Symposium on Symbolic and Algebraic Computation 92, July 27–29, Berkeley, California*. ACM Press, New York, NY 10036, USA, 1992. ISBN 0-89791-489-9. LCCN QA 76.95 I59 1992.

Wang:2018:CRC

[Wan18] Haiyong Wang. On the convergence rate of Clenshaw–Curtis quadrature for integrals with algebraic endpoint singularities. *Journal of Computational and Applied Mathematics*, 333(??): 87–98, May 1, 2018. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0377042717305368`.

Wills:1982:RCA

[WBR82] C. A. Wills, J. M. Blair, and P. L. Ragde. Rational Chebyshev approximations for the Bessel functions $J_0(x)$, $J_1(x)$, $Y_0(x)$, $Y_1(x)$. *Mathematics of Computation*, 39(160):617–623, October 1982. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Weideman:2007:KPF

[WT07] J. A. C. Weideman and L. N. Trefethen. The kink phenomenon in Fejér and Clenshaw–Curtis quadrature. *Numerische Mathematik*, 107(4):707–727, October 2007. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245 (electronic).

Xiang:2012:CRG

[XB12] Shuhuang Xiang and Folkmar Bornemann. On the convergence rates of Gauss and Clenshaw–Curtis quadrature for functions

of limited regularity. *SIAM Journal on Numerical Analysis*, 50(5):2581–2587, January 2012. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Xiang:2013:CRG

[XB13] Shuhuang Xiang and Folkmar Bornemann. On the convergence rates of Gauss and Clenshaw–Curtis quadrature for functions of limited regularity. *SIAM Journal on Numerical Analysis*, 50(5):2581–2587, January 2013. CODEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic). See erratum [XCWB13].

Xiang:2011:CCF

[XCWB11] Shuhuang Xiang, Yeol Je Cho, Haiyong Wang, and Hermann Brunner. Clenshaw–Curtis–Filon-type methods for highly oscillatory Bessel transforms and applications. *IMA Journal of Numerical Analysis*, 31(4):1281–1314, October 2011. CODEN IJNADH. ISSN 0272-4979 (print), 1464-3642 (electronic).

Xiang:2013:ECC

[XCWB13] Shuhuang Xiang, Yeol Je Cho, Haiyong Wang, and Hermann Brunner. Erratum to "Clenshaw–Curtis–Filon-type methods for highly oscillatory Bessel transforms and applications" (IMA Journal of Numerical Analysis (2011)31: 1281–1314) [MR2846756]. *IMA Journal of Numerical Analysis*, 33(4): 1480–1483, May 2013. CODEN IJNADH. ISSN 0272-4979 (print), 1464-3642 (electronic). See [XB13].

Xiang:2015:EBF

[XHC15] Shuhuang Xiang, Guo He, and Yeol Je Cho. On error bounds of Filon–Clenshaw–Curtis quadrature for highly oscillatory integrals. *Advances in Computational Mathematics*, 41(3):573–597, September 2015. CODEN ACMHEX. ISSN 1019-7168 (print), 1572-9044 (electronic).

Xiang:2014:FSI

[XHW14] Shuhuang Xiang, Guo He, and Haiyong Wang. On fast and stable implementation of Clenshaw–Curtis and Fejér-type quadrature rules. *Abstract and Applied Analysis*, page Art. ID 436164, 2014. ISSN 1085-3375 (print), 1687-0409 (electronic).

Xuan:2011:CCR

[XrL11] Yan Xuan and Fu rong Lin. Clenshaw–Curtis-rational quadrature rule for Wiener–Hopf equations of the second kind. In *Recent Advances in Scientific Computing and Matrix Analysis [proceedings from the International Workshop on Scientific Computing and Matrix Analysis held at the University of Macau, China, from the 28th to 30th of December 2009]*, pages 93–110. International Press, Somerville, MA, USA, 2011. ISBN 1-57146-202-3. LCCN N32-532 I61/2009.