

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

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

Tel: +1 801 581 5254

FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)

WWW URL: <https://www.math.utah.edu/~beebe/>

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## Abstract

This bibliography records publications of C.  
W. Clenshaw.

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

**424** [Ged79, Gen72a].

## Title word cross-reference

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

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

**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].  
**algorithmic** [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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>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].

**C** [W.63]. **C.** [LE72]. **Calculation** [Cle63, CL23]. **California** [Wan92]. **can** [CMM16]. **Cas** [MP72]. **case** [CE60, MP72]. **Cauer** [Tod67]. **Certain** [Bak74, Deu76, Ell68, EJJ08, Hun70, Kam71b, TE72]. **Charles** [Olv04]. **CHEBYLAN** [LM76]. **Chebyshev** [Bas73, BS71, Cle55, Cle57, Cle60b, Cle62a, CN63, Cle64, CP66, Cle66b, CL74, CM83, DK71, Dun73a, Dun73b, Dun75, EL00, EL06, Fil64, GCP67, Han73, HTN83, Has19, Hay73, Jay74, JHC<sup>+</sup>14, LM76, Luk76, MV97, MC05b, MC05a, Mur71, Oli69, Oli77, RP63, RR71, Row69, Sch78, Sut19b, TW74, Tod67, Ura69, W.63, WBR82, Cle67, Cle68a]. **chemistry** [SAM08]. **circular** [Sch78]. **class** [Dom14]. **classes** [TE72]. **Clenshaw** [Bra73, CL14, DGS11, DGK13, Dom14, Fil64, GI17, GC24, Goo73, KKR03, Loc69, Maj17, Maj19, Maj21b, Maj21a, MFA22, W.63, XCWB13, XHC15, AZK95, Ada87, AN91, AF84, ATAAK17, AGR93, Bar13, Bar98, Bar02, Boy23, BP75, Bra92, CE09, Cha68, CL23, DD11, Den86, ES88, EJJ08, EL00, EL06, EHM81, FLR93, Fil64, FW66, Ged79, Gen72a, Gen72b, Gen72c, GW22, GW23, Håv69, HST93, Has01, HS15, HF11, HNU14, HFWW22, Hun70, HS05, Imh63, JKH<sup>+</sup>17, Jay74, JHC<sup>+</sup>14, Kam71a, KEKT21, KKY07, Kus72, Küt84, LE72, LX19, Loc69, LRD19, Ma15, Mar86, MV97, MC05b, MC05a, NF03, NTT15, Not16, OS68, Oli71, Oli72, Oli77, Olv04, PDP12b, PDP12a, Pet94, PB83, Pie87, PTVF92b, RV07, Rei77, Rie71, RJ71, RJ72, SAM08, SHN20, SS78a, SS78b]. **Clenshaw** [SS80, Smi65, Smi82, SH11, Smi15, Smo02, SVZ08, Som13, SH21, SH22, Sut19a, Sut19b, Tre08, Tua73, VR11, Wal06, Wan18, WT07, XCWB11, XB12, XB13, XHW14, XrL11, vWGB19]. **Cliffs** [Cle67]. **cm.** [Cle72, W.63]. **Coefficients** [TE72, Rou70]. **collocation** [HFWW22, KKY07, LRD19]. **Company** [Cle63]. **Comparison** [Cle64, NTT15].

**complex** [CM83, DK71, Ma15, SV73].  
**Computation** [AZK95, NF03, RV07, VR11, Wan92, Pat76, PB83, Pie87, Ura69].  
**computational** [LRD19]. **computations** [Boy23]. **Computer** [Cle60a, CC60].  
**Computing** [CO51, CGM<sup>+</sup>61, PTVF92a, Gen72c].  
**Condition** [Gau79, Car72b].  
**conditionnement** [MP72]. **conformal** [HT08]. **conjecture** [LE72]. **constants** [Pet94]. **Construction** [Wal06, Som13].  
**containing** [LPM81]. **Contribution** [Ano78]. **control** [SHN20]. **Convergence** [And73, Smi15, XB13, dB76, Bak74, Car72a, CS78, SS78a, Wan18, XB12, SS78b].  
**converting** [Sal73]. **corrected** [HS15].  
**cosine** [AZK95, Gen72c]. **Cote** [DD11].  
**cubature** [SVZ08]. **cubes** [NR96]. **Cubic** [BdBSW66, CN78]. **Curtis** [XCWB11, XCWB13, Ada87, AN91, AF84, ATAAK17, Bar13, BP75, Bra73, Bra92, CE09, Cha68, CL14, CL23, DD11, Den86, DGS11, DGK13, Dom14, EJJ08, EHM81, FLR93, Fil64, FW66, GI17, GC24, Ged79, Gen72a, Gen72b, Gen72c, Goo73, Håv69, HST93, HS15, HF11, HNU14, HFWW22, HS05, Imh63, Jay74, Kam71a, KKR03, KEKT21, KKY07, Kus72, Küt84, LX19, Loc69, LRD19, Ma15, Maj17, Maj19, Maj21b, Maj21a, MFA22, Mar86, MV97, NTT15, Not16, OS68, Oli71, Oli72, PDP12b, PDP12a, Pet94, PB83, Pie87, Rie71, RJ71, RJ72, SHN20, SS78a, SS78b, SS80, Smi65, Smi82, SH11, Smi15, SVZ08, Som13, SH21, SH22, Sut19a, Sut19b, Tre08, Wal06, Wan18, WT07, XB12, XB13, XHW14, XHC15, XrL11, vWGB19].  
**Curtis-rational** [XrL11]. **Curtis-type** [LX19, SH22]. **Curve** [Cle60a, CH65, Cle68b].  
**D** [W.63]. **D1** [Gen72a, Goo73]. **Data** [Ran77, LRD19]. **December** [CLG<sup>+</sup>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].  
**economized** [CO55]. **edited** [Cle66a].  
**effect** [Pat76]. **efficient** [KEKT21].  
**electromagnetics** [LRD19]. **element** [EJJ08]. **Elementary** [Cle54]. **elimination** [Orl77b]. **Enclosing** [Has19]. **endpoint** [Wan18]. **Englewood** [Cle67]. **ensuring** [Car72a]. **equation** [CE60, Cle66b].  
**Equations** [CO51, Cle65, Tua73, BS71, CL14, CL23, Cle57, Cle60b, CN63, EL00, EL06, EHM81, HFWW22, KKR03, Oli69, Olv67, Orl77a, Orl77b, SAM08, XrL11].  
**Erratum** [XCWB13]. **Error** [Bra92, Cha68, Cle78, Ell68, Has01, HS15, Jay74, Kam71a, Kam71b, New74, OS68, Oli77, Rie71, RJ71, RJ72, Bar02, Bar03, Bra73, DGS11, FLR93, Küt84, Not16, Oli69, Pet94, Pry81, SS80, Smi82, SH11, Ura69, XHC15, Loc69]. **errors** [Pat76]. **Erweiterung** [Peh78]. **estimate** [HS15]. **Estimates** [Cha68, DGS11, Jay74, Küt84, Loc69, Rie71, RJ71, RJ72, SS80].  
**estimation** [Bra73, Bra92, OS68, Oli69, Ura69]. **Étude** [Car72b]. **Euler** [Smi65]. **Evaluating** [Oli77, Has01, Hun70, Oli75]. **Evaluation** [KR79, PDP12a, Bar02, Bar03, CE09, LPM81, New74, Oli80, SH11]. **Existence** [TW74]. **expansion** [Luk76, Sal73].  
**Expansions** [Cle64, Has19, MC05b, CM83, Han73, Hol69, MC05a, TE72]. **experience**

[Gen72b]. **experimental** [Ful77].  
**Experiments** [Sut19c]. **explicit** [Orl77a].  
**Exponential** [CLOT86, Sch79, CO80,  
 Luk76, Maj19, Ran77]. **exponentials**  
 [MP72]. **extended**  
 [Ada87, CS78, HST93, Maj21b]. **Extension**  
 [Tua73, BP75, Hay73, Peh78]. **Extensions**  
 [SH22].

**Faber** [ES88]. **families** [Dun73b, RR71].

**Fast**

[JHC<sup>+</sup>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**

[Häv69, PTVF92b, RV07, VR11, AZK95,

Den86, HS05, JKH<sup>+</sup>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**

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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,

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**highly-oscillatory** [Dom14]. **Hopf** [XrL11].

**Hybrid** [GF92]. **hypersingular** [LX19].

**hypotheses** [Car72a, Car72a].

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**implementation** [AN91, SS80, XHW14].

**Implementing** [Gen72b, Gen72c, Ma15].

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KKR03, Ma15, Pie87]. **Integrals**

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LPM81, LX19, Luk76, Maj17, Maj19,

Maj21a, PDP12b, PB83, SH21, SH22,

Wan18, XHC15, Cle63]. **Integration**

[MV97, Sut19b, AN91, BS71, CE09, CC60,

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**International** [Wan92]. **interpolants**

- [BCG74]. **interpolating** [TW74]. **interpolation** [CN78, De 75, HTN83, SV73]. **interpolatory** [Küt84]. **interval** [HW77, SH21, SH22]. **Introductory** [COT89]. **invariance** [Bak74]. **Inverse** [RV07, NF03]. **Iterative** [EHM81]. **iv** [W.63].
- J** [Ano78]. **James** [Cle04]. **jet** [CE60]. **Jordan** [Tod67]. **Journal** [XCWB13]. **July** [Wan92].
- Karup** [De 75]. **kernels** [CL14, KKR03, LX19]. **kind** [CS78, Jai74, XrL11]. **Kinds** [MC05b, MV97, MC05a]. **kink** [WT07]. **Krawtchouk** [JKH<sup>+</sup>17, RV07, VR11]. **Krylov** [Cle63].
- L** [Cle68a, Cle72, W.63]. **Laboratory** [W.63]. **laminar** [CE60]. **Lancaster** [Tur89]. **language** [LM76]. **Laplace** [HF11]. **Laurent** [MC05b, MC05a]. **law** [OR78]. **least** [KKY07]. **least-squares** [KKY07]. **Lectures** [Tur89]. **Legendre** [EJJ08, PDP12a]. **Leja** [LRD19, NTT15]. **Leslie** [Cle92b, Ano92, Cle92a]. **Level** [CO87, COT89, CT88, CT89, LT92]. **Level-Index** [CO87, COT89, CT88, CT89]. **Light** [CLG<sup>+</sup>03]. **Limited** [XB13, XB12]. **Linear** [Has19, Tua73, Cle57, Olv67, SAM08]. **Lobatto** [PDP12b]. **locally** [BCG74]. **location** [Row69]. **Logarithmic** [CLOT86, Dom14, Dun73b]. **London** [Cle63, W.63]. **Look** [Cle78]. **Lord** [JHC<sup>+</sup>14, MC05b, MC05a]. **lower** [Tal76]. **Ltd** [Cle65]. **Luke** [Cle72].
- Machinery** [CO51]. **machines** [dGR95]. **Maclaurin** [Smi65]. **Macmillan** [Cle63]. **Majesty** [W.63]. **manipulating** [LM76]. **MAPLE** [GF92]. **maps** [HT08]. **Markoff** [Peh78]. **Markov** [Sch78]. **Markov-type** [Sch78]. **Martin** [Cle67]. **Mathematical** [Cle62a, Cle62b, W.63, CO55]. **Mathematician** [Olv04, Cle04, CMM16]. **matrix** [Bar98]. **MDCT** [NF03]. **Mean** [MP72]. **means** [Orl77b]. **measures** [CE09]. **meilleur** [MP72]. **Memories** [Cle92a]. **memory** [dGR95]. **Method** [Cle65, ES88, Oli77, Tua73, ATAAK17, Bra73, Bra92, CC60, De 75, Ell73, EL00, EL06, GC24, Hol69, HFWW22, Hun70, Imh63, KKY07, Loc69, Ma15, Oli71, Oli72, PB83, SAM08, SHN20, Smi65, Tay70, Ura69]. **Methodology** [Gen72b]. **Methods** [CGM<sup>+</sup>61, Fil64, Cle67, Mas70, MV97, Oli75, Smi65, Sti65, XCWB11, XCWB13]. **Mills** [RP63]. **minimax** [Coh73]. **Mixed** [PDP12a, DD11, EL06, PDP12b]. **modeling** [LT92]. **Modern** [CGM<sup>+</sup>61]. **Modification** [Häv69]. **Modified** [Bar13, Maj21a, Oli77, PB83, Pie87, ATAAK17, CL14, HW77]. **Moment** [RV07, VR11]. **moments** [JKH<sup>+</sup>17]. **moyenne** [MP72]. **MR2846756** [XCWB13]. **Multi** [Hay73]. **Multi-dimensional** [Hay73]. **multiple** [Lin76]. **Multivariate** [BCG74].
- N.J** [Cle67]. **National** [W.63]. **near** [Coh73]. **nesting** [Lin76]. **Nets** [Cle65]. **Networks** [GW22, GW23]. **Neural** [GW22, GW23]. **Newbery** [Oli80]. **Newton** [DD11, Tay70]. **no** [CMM16]. **nodes** [CS78]. **nonlinear** [CN63, Maj21a]. **Nontensorial** [SVZ08]. **norm** [Not16]. **normal** [OR78]. **norms** [Coh73]. **Note** [Cle55, BS71, Küt84]. **Notes** [BRCG55, CO51]. **numeric** [GF92]. **Numerical** [Ano78, CL23, CO51, CE60, Cle63, Cle68a, LPM81, PTVF92a, SAM08, Sut19c, Tur89, Ura69, XCWB13, Cle57, CC60, Cle60b, Cle67, Imh63, KEKT21, Mas70, Olv04, Pie87, SH11]. **Nyström** [CL14, KKR03].
- O1** [Ged79]. **Obituary** [Cle92b]. **obscure** [CMM16]. **obtaining** [Mat72]. **odd** [Sma85].

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 [GCP67, CP66, Olv67, Pet94]. **ordinary**  
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 [CE60]. **Orthogonal**  
 [Mas70, Bar02, Hol69, Sal73]. **oscillating**  
 [Ada87]. **oscillator** [Maj21a]. **oscillatory**  
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**p** [W.63]. **packaging** [MP72]. **Padé**  
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**Papers** [BRCG55]. **Parabolic** [Cle65].  
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**Point** [CO84]. **points** [AN91, DGK13,  
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**points-convergence** [SS78a]. **Pol** [Cle66b].  
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**polynomial-rational** [Dun75].  
**polynomiale** [FGR76]. **Polynomials**  
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**presence** [Maj17]. **Press**

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**Processing** [Tur89]. **Product**  
 [AN91, SS78a, SS78b, SS80, LPM81, Pet94].  
**Product-integration** [SS78a, SS78b].  
**Professor** [Cle92b]. **Projections** [Neu74].  
**properties**  
 [Bak74, Bra72, SS78a, SS78b, Smi15].

**quadratique** [MP72]. **Quadrature**  
 [Bar13, Cha68, FW66, Ged79, Gen72a,  
 Háv69, 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<sup>+</sup>17]. **Recurrence**  
 [CO51, PTVF92b, RV07, VR11, AZK95,  
 JKH<sup>+</sup>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, Wa06, 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]. **unsolvent** [RR71]. **univariate** [BCG74]. **University** [Cle68a]. **unknown** [Cle48, Cle80]. **Unrestricted** [CO86, CO80]. **use** [CO55]. **Using** [Boy23, VR11, AZK95, BS71, CL23, CT89, EHM81, JHC<sup>+</sup>14, NF03, RV07].

**V** [Cle63, Cle65, W.63]. **value** [CMM16, Ura69]. **variables** [Rei77]. **varisolvent** [Bra72]. **Verfahrens** [Fil64]. **via** [HF11, JKH<sup>+</sup>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<sup>+</sup>14]. **Wiener** [XrL11]. **Wilkinson** [Ano78, Cle04]. **William** [CLG<sup>+</sup>03].

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

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

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