

# A Complete Bibliography of Publications in *Mathematics of Computation*, 1960–1969

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: <http://www.math.utah.edu/~beebe/>

27 April 2019  
Version 2.30

## Title word cross-reference

(+1, -1) [Yan66, Yan68, Yan69]. (-1, 1) [Rot61].  
 $(-\infty, \infty)$  [Hab64]. (Mod2) [Wat62b].  $(p-1)! \equiv -1$   
 [Pea63].  $-1/2$  [CT67a].  $-12, 12$  [CT67b].  $0$  [GV68].  
 $1$  [GV68, Lin65a, NDT69].  $1/2$  [CT67a].  $10$   
 [FC67, NDT69].  $10, 000$  [Pat62].  
 $10, 000 < p < 15, 000$  [Kra61]. **\$12.50** [Hou63b].  
 $1271$  [Knu62]. **\$17.00** [Hou60].  $2$   
 [KK64, SS65, Wat62a].  $200, 000$  [Ste64b].  $2^{132} + 1$   
 [Ise60].  $2^{159} - 1$  [Ise61].  $2^{2p} + 1, p$  [Bri62].  $2^n (n \leq 6)$   
 [Sha65b].  $2^n \pm 1$  [BS67b, Ise65].  
 $2^p - 1, p$  Prime  $< 10^4$  [Rie62].  $2^{p-1} \equiv (\text{mod } p^2)$   
 [Pea63].  $2^{p-1} \equiv 1 (\text{mod } p^2)$  for  $p < 100, 000$  [Kra60].  
 $2\pi^{-1/2} \int_0^\infty \exp(-x^2)f(x)dx$  [Gal69].  
 $2\pi \int_0^\infty (\sin tt)^n dt$  [HKW60].  $3$   
 [FC67, Sho60, Str61b, Str64].  $3/2$  [CT67a].  $32$   
 [CT67b].  $4$  [Rob64, Wag67].  $401$  [Ste64b].  $5$   
 [New67b, Wag67].  $6$  [Sho60].  $6000 < p < 7000$   
 [KB64].  $8$  [Ber68, KK64].  $a, b$  [DJ67].

$a^{p-1} \equiv 1 (\text{mod } p^2)$  [Rie64]. *Arccos* $x$  [PG60]. *Arcsin* $x$   
 [PG60]. *Arctan* $x$  [PG60].  $B(x)$  [Sha64c].  $B_{14}(x)$   
 [Car65].  $\left\{ amj^2 \right\}, \left\{ am(j + \tau)^2 \right\}$  [Jag64].  $E$   
 [Cod65a, Cod66].  $e^{i\alpha}$  [Lin65a].  $E^n$  [Day66].  $e^x$   
 [SM63].  $E_1(x)$  [CT68].  $Ei(x)$  [TM68, CT69].  $Eig$   
 [Var66].  $Eig3$  [For64].  $Erfc(x)$  [Ric64b].  $f(z)/z$   
 [Gau66].  $F_{1/2}(x)$  [WR63].  $F_{19}$  [Rie63].  $G$   
 [GA68, GS69, Ver65, Ver67a, Wim67].  $G_n = 6^{2^n} + 1$   
 [Rie69b].  $\Gamma(p)$  [Atk68].  $\Gamma(x)$  [Ric64b].  $GF(p)$   
 [Col69].  $H_n = 10^{2^n} + 1$  [Rie69b].  $I_0(x), I_1(x)$   
 [Bur62b].  $I_n(b) = 2\pi^{-1} \int_0^\infty (\sin xx)^n \cos(bx)dx$   
 [Tho66].  $I_n(b) = 2\pi \int_0^\infty (\sin xx)^n \cos bxx dx$  [Fet67].  
 $I_n(b) = 2\pi \int_0^\infty (\sin xx)^n \cos(bx)dx$  [MR65].  
 $\int_0^1 -\ln(x)f(x)dx$  [And65].  $\int_0^1 f(x)x^2 dx$  [SH65].  
 $\int_0^b \exp(-x^2)f(x)dx$  [SBG69].  
 $\int_0^\infty e^{-x} J_0(\eta x \xi) J_1(x \xi) x^{-n} dx$  [Fet60b].  
 $\int_0^\infty \exp(-x^2)f(x)dx$  [SBG69].  $\int_0^\infty x^\beta e^{-x} f(x)dx$   
 [CCJM63].  $\int_0^\infty e^{-x} J_0(\eta x \epsilon) J_1(x \epsilon) x^{-n} dx$  [Fet60a].

$J_0(x)$  [Ger64].  $J_n(\lambda)Y_n(\eta\lambda) - J_n(\eta\lambda)Y_n(\lambda)$   
 [WMR67].  $J'_n(x)Y'_n(\beta x) - J'_n(\beta x)Y'_n(x) = 0$  [BA62].  
 $J'_p(\xi)Y'_p(k\xi) - J'_p(k\xi)Y'_p(\xi) = 0$  [Bau64].  $k$   
 [GV68, Mit66, Cod65a, Cod66].  $K_\nu(t)/I_\nu(t)$   
 [Rob65a].  $L$  [Spi69, Swa68].  $L^p$  [Bur67].  $L_1$   
 [Ric64a].  $L_\infty$  [Ric64b].  $[c^{2k} + (x - x^{-1})^{2k}]^{-1}$   
 [WG60].  $\leq 452, 479, 659$  [SL68].  
 $M = (6a + 1)2^{2m-1} - 1$  [WZ68].  
 $M' = (6a - 1)2^{2m} - 1$  [WZ68].  $N$  [Cla62, Mul59,  
 APR65, DKV63, Mus64, Rei69, Ber66].  $n = 2$   
 [Lev61].  $N = h \cdot 2^n - 1$  [Rie69a].  $n^2 + a$  [Sha60b].  
 $n^4 + 1$  [Glo60, Glo62, Glo65, Lal67, Sha61].  
 $n \equiv 2 \pmod{4}$  [Yan66, Yan68, Yan69].  $\nu$  [Low66].  
 $O(h^2)$  [Swa68].  $p$  [GM67, JC69, LD62].  
 $P_{\nu-1/2}^{(-m)}(\cos \theta)$  [Low66].  $P_\nu^1(\cos \theta)$  [Wil68].  $P_r(n_1, n_2)$   
 [CG68].  $\partial^n / \partial x_1 \partial x_2 \cdots \partial x_n + a(x_1, x_2, \dots, x_n)$   
 [SD65].  $\partial I_\nu(z) \partial \nu, \nu = \pm 13$  [EG63].  $\partial \partial \theta P_\mu^1(\cos \theta)$   
 [Wil68].  $\pi$  [Pat62, SW62].  $\psi$  [Gla66, Moo67].  
 $q < 10^8$  [Rie62].  $Q_x \equiv (x^3 + 5x)/6, x \geq 0$  [SL68].  
 $QR$  [Par66].  $Shi(x)$  [TM68].  $\sigma_{2s}$  [Lin65b].  
 $\sum_{\nu=0}^{\infty} (t^\nu / [\nu w + m]!)$  [Les65].  $t$  [AB69].  
 $u_{xy} = f(x, y, u)$  [Day63].  
 $x^2 + y^2 = l^2, y^2 + z^2 = m^2, z^2 + x^2 = n^2$  [LB66].  
 $x^2 - Dy^4 = k$  [LD68].  $x^3 + y^3 = z^3 - d$  [GLS64].  $x^n$   
 [Rot61].  $x \exp x^2 \operatorname{erfc} x$  [Old68].  $y' = f(x, y)$   
 [LS65a, LS66].  $y'' = fy + g$  [Fro62].  $y^3 - x^2 = k$   
 [LJB66].  $|x^3 + y^3 + z^3| \leq 1$  [Spo69].

**-Bases** [SS65]. **-Determinant** [Yan66].

**-Dimensional**

[Ber66, Cla62, Mit66, Mus64, Mul59].

**-Distribution** [AB69]. **-Function** [Gla66].

**-Functions** [Spi69, Ver65, Ver67a, Wim67].

**-Groups** [JC69]. **-j** [Sho60]. **-Matrices**

[Yan68, Yan69]. **-Person** [APR65]. **-Transform**

[GA68]. **-Transformation** [GS69].

**16** [Wim72].

**50th** [Gau94].

**A.** [Hou61]. **Abel** [Fet64]. **Abelian** [PS60].

**Abscissas** [Cas65, Mic63, Rab60]. **Acceleration**

[Wyn62]. **Accuracy** [GB68]. **Accurate** [Ger64].

**Adams** [BRB65]. **Addendum** [Fla68]. **Addition**

[How62, Pat68b]. **Additional** [Ise65]. **Additions**  
 [Glo62]. **Additive** [SS65]. **ADI** [LR68]. **Adjacent**  
 [Joh63]. **Adjoint** [CK68]. **Adjusting** [LS66]. **Aid**  
 [Kee65]. **Algebra** [Bes61, Kan66, Moo66].

**Algebraic** [Lay67, Lev61, New66, Rob64].

**Algebraic-Exponential** [Lay67]. **Algèbre**

[Hou61]. **ALGOL** [For64, Var66]. **Algorithm**

[Ber68, Bro69, Cha67, CT65, GH67, HL69, KM68,

La 64, Lan67, McA65, Olv64, Par64a, Par68, RU68,

Smi65, Sta62, Wil69, Wyn61]. **Allocation**

[BKK63]. **Alternating**

[DKV63, KS65, Kel69, Lee62, Pop60, Wid66].

**Alternative** [Ell67, Sal60a]. **Amicable**

[AOS67, BM68, Hag69, Lee68, Lee69]. **Among**

[Pat62, SD69]. **Analogue** [Thu69b]. **Analogues**

[Bra63, DG63]. **Analyse** [Hou63a]. **Analysis**

[Bar68c, Bar68d, BH62b, FL61, Mur67, Olv64,

Tai67, Wyn61, Hou60, Hou63b, Ham65]. **Analytic**

[BK62, CJ68c, DL67, Lyn68, Val68, vW69].

**Annihilation** [Ede66]. **Anniversary** [Gau94].

**Antenna** [Den69]. **Appearance** [LP67c].

**Application** [Bro67, McA65, PS60, Pri65, Rig64].

**Applications** [BF67a, Cor61, HL69, Lea66, Lev61,

S.64, Smi65, SL69, Tra65]. **Applied**

[BKK64, Gar65b, Par64b, Pri68]. **Approach**

[Ell67, YP61]. **Approximate**

[Dan69a, Dav67, LS65b, Pet63, RS61, Sec65, Spi67,

Str61a, SS63b, Str64, Thu69a, Hou60].

**Approximation** [BKK63, BKK64, Bur67, Cad64,

Day66, Den66, DM69, Fai64, Flo60, Fos65, GTM69,

HO69, Har66, Hol69, Joh68, KR68, Klo64, LS65a,

Lay64, Lea67, Mon64, Rea61, Ric69, SG68, Shi66,

Sta63, Sto61, Val68, WR63, Wyn60, Shi60].

**Approximations**

[BP67, BH64, Bur62b, Bur63a, CK68, Cho69,

Cod65a, Cod66, CH67, CT67b, Cod68, CT68, CT69,

Cod69, Ell65, Ell67, FL66, FL67, FG67, Fie65,

Kam61, KL68, Kre68, Lar64, Luk68, Man67, Moo67,

Mou64, Old68, Osb67, Osh69b, Pri68, Ric64a,

Spi61, Spi62, Spi67, SF69, WC61, Wim61, CT67a].

**Arbitrary**

[BI65, Ber67, Del65, Hub66, La 63, WG64].

**Archimedes** [WGZ65]. **Arctangent** [Gla68].

**Argument** [Bar61, Mec66, vZW64, vZW65].

**Arguments** [GB68, TM68]. **Arising**

[BK62, Den69, Dra61, Gau69, Kel64, WG60, vW69].

**Arithmetic** [Han68, LP67a, MA65, Sha62].  
**Arithmetical** [Wag67]. **Arrays** [Ric64b]. **Artin** [Wre61]. **Ascent** [Mei69]. **Assignments** [Por63].  
**Assisted** [Coh69]. **Associated** [Jor68, KG68, Mil63, Mil68a, Por63, SCF64, Wim62, Wim72].  
**Asymptotic** [BH62a, CJ68b, DB60, LN67, NL69, Pea69, Sha64c, Ste69a, Tho65, vZW64, vZW65, Wil64, Wim67].  
**Atomic** [OD65]. **Attainable** [But65]. **August** [Gau94]. **Autocorrelation** [Jag64]. **Averages** [DSS68]. **Axisymmetric** [Mac65].

**Balanced** [Bus69b]. **Base** [Ber68]. **Based** [But64b, LS65a, LS66, Lyn69, Pat68a]. **Bases** [SS65]. **Basic** [Par68, Sar68, Ver66a]. **Basis** [LB61].  
**Bateman** [Sch63, Sha65c]. **Behavior** [Bar62, Pea69]. **Belge** [Hou63a]. **Bell** [LD62].  
**Benster** [Hou60]. **Bernoulli** [Car65, KB67].  
**Bernstein** [Sta63]. **Bessel** [Wim72, AM61, Bau64, DB60, Hun64, KKI67, LL62a, LS67a, Lew69, Mac65, MM67, Mec66, Mec68, NF63, Raz65, SD69, Tun66, Van64, Wim62].  
**Bessel-Function** [Mac65, MM67]. **Best** [Day66, PR63, Sec65, Shi66, Shi60]. **Beta** [DJ67, OM68]. **Beta-Function** [DJ67]. **Between** [Joh65, Kam69, LF68, Sha64a]. **Bi** [Fre61].  
**Bi-Variate** [Fre61]. **Bibliography** [Str61a].  
**Biharmonic** [Sim67]. **Bilinear** [Lee68]. **Binary** [GV68]. **Biquadrates** [LP66]. **Bivariate** [Ahl64, AB69, Amo69, Bur68, DJ61]. **Bivins** [Sho60]. **Block** [Cha67, Pri65, SW69a].  
**Block-Symmetric** [Cha67]. **Book** [H.65, Ham65, Hou60, Hou61, Hou63a, Hou63b, S.64, Sho60].  
**Books** [Ano60d, Ano61d, Ano62e, Ano63e, Ano63f, Ano63g]. **Bose** [NDT69]. **Bossett** [Hou61]. **Bound** [Gol63]. **Boundary** [Bat63, CK68, Fro62, Jam68b, KL68, Kre68, Low60a, Low61, Mit61, Mur67, Osh69b, Osh69a, Pop60, Ros60, Thu69a, Thu69b].  
**Boundary-Layer** [Mur67]. **Bounded** [DM69].  
**Boundedness** [Tun66]. **Bounds** [AH64, BLL64, Cha68b, DP65, Gol62, Kin66, Man66, McN64, Rab68, Ral62, Sch62, Sec65, Ste68a, Swa68, Var68b, Wen65]. **Bridge** [Dic68].  
**British** [Gau94]. **Broadening** [WKG66]. **Budde** [Par64a]. **Byrne** [Pin69].

**Cable** [PWMD63]. **Cables** [WP60]. **Calcul** [Hou61]. **Calculate** [Com60]. **Calculating** [Ros60].  
**Calculation** [BHK68, CT65, DJ67, Fet65, Fet67, FG62, GW69, Hun64, Mec66, Met69, OD65, PG60, Rot60, Rud66, SW62, SW63, Spi69, Str68a, TM68, Var68a, WP60, Woo68, dF66, vv66]. **Calculations** [KKI67, Wil63]. **Calculus** [Tra65]. **Canonical** [Par67]. **Carlo** [Hab66, Hab67b]. **Cartesian** [OB64]. **Case** [Fos68, Lev61, Wid66]. **Cases** [GS69]. **Catalytic** [KG68]. **Cattle** [WGZ65].  
**Cauchy** [Cho68a, Gin63, Mil68a]. **Central** [Coo61, Sal62a]. **Centre** [Hou63a]. **century** [Gau94]. **Certain** [BJ60, Bri64, Bur63b, CJ68a, Coh67b, Ehr67, Ell67, Gra64, Gre60, Hun64, JLB67, Kil60, Lan60, Lan67, Lav64b, Low60b, Low61, Lyn65a, Lyn65b, May65, Mil68b, SK61, SW63, Sha64b, SCF64, Sta62, SS63b, Ver66a, WM65, Wun62]. **Certification** [Var66]. **Change** [Sol67]. **Characteristic** [Day63, Swi60, Tam62]. **Characters** [Com60].  
**Chebyshev** [AM61, Bar61, BDN69, Bur63b, Cha68b, Cod65a, Cod65b, Cod66, CH67, CT67a, CT67b, Cod68, CT68, CT69, Cod69, Ell64, ES65, Ell65, Hum64, Mei69, Mou64, NDT69, Scr69, Shi60, Shi66, Ste68a, WC61, Woo67]. **Chi** [GTM69, Tho65]. **Chi-Square** [GTM69].  
**Christoffel** [Gau68]. **Circle** [DJ61, FG62].  
**Circles** [Mel69]. **Circuit** [WG60]. **Circulants** [CJ68a]. **Circular** [Cad64, DJ62, Kam69, WD61].  
**Class** [Ayo67, Bro65, Coh62, Coo67, Fos65, Her69, Hun68, LS65a, Met69, Mil68b, Nas65, Sha67a, Sha69, Tra66, Val68, Ver65, Wim67]. **Classes** [JC69, MM67]. **Clausen** [Woo68]. **Clenshaw** [Cha68c]. **Close** [Har66]. **Closed** [Cha68b, LD67].  
**cm** [Hou60, Hou61, Hou63b]. **cm.** [Hou63a]. **Co** [Hou63b]. **Cods** [McA65]. **Coefficient** [Sta62].  
**Coefficients** [BF66, Car62, Cas65, Eis68, Ell64, ES65, Fie60, Jam68b, Lyn65c, Mic63, Raz65, Str63].  
**collaboration** [Hou61]. **Colloque** [Hou63a].  
**Color** [YP61]. **Columbia** [Gau94]. **Combinations** [Lot62]. **Combinatorial** [Che64, Erd64].  
**Comments** [LS67c, LS67b]. **Commonly** [Ker69].  
**Comp** [Wim72]. **Compared** [JJ65]. **Comparison** [DSS68, LSL64, WB64]. **Complement** [Wil64].  
**Complete** [Cod65a, Cod65b, Cod66, Ise60, Ise61, OM68, SK61].

**Complex**

[CT65, Cor61, Dav64, Dor66, GH67, Lan60, Lon60b, Lyn69, Mec66, Str65, Var68a, Var68b, Yan65].

**Components** [von67]. **Composite** [Asc60].

**Compositeness** [Pax61]. **Compressible** [Ric69].

**Computable** [LS67a]. **Computation**

[AB69, Amo69, BK68, Boe60, Boe62, Coc69a, Coc69b, Fle68, GH67, Gar69, Gau61, Gau66, JC69, Jam68a, KB67, LWF72, Man61, Mec68, Ric64a, Rob65a, Sha62, Sie65, SD65, Str65, Swe63, Wil64, WS66, Gau94]. **Computational**

[BKK63, Kan66, YP61, Gau94]. **Computations**

[AØS67, Jen62]. **Computed** [Gol62]. **Computer**

[Bau60, Chi69, Coh69, Fra69, Gre61, Hay65, JJ65, Kee65, LB61, Mit61, PS60, SS68, TS61].

**Computer-Assisted** [Coh69]. **Computers**

[Bar62, Lev61]. **Computing**

[APR65, BI65, Col69, DJ62, Gar65a, Lon60b, Map63, Mar68, SM63, Sch62, Van69, WB64, Wil67].

**Concerning** [BH62a, Bri62, DGL66, Eps62, Jag65, Mil68b, Sha63a, WS66, Wre68, Sha60b].

**Condensation** [Dan69b]. **Condition**

[CJ68a, Dur66, Fro62, Gau69, Pea65]. **Conditional**

[Klo64]. **Conditionally** [Kro67]. **Conditions**

[Bat63, CK68, Eis68, Low60a, Low61, Osh69a, PD64]. **Conduction** [Low60a, Low61, MP63].

**Conductors** [Kam69]. **Cones** [Str61b].

**Configurations** [Gol69]. **Confluent** [Fie67].

**Conformal** [BC67]. **Congruence**

[BF66, Kra60, McA65, Rie64]. **Congruences** [Pea63, WM65]. **Congruential** [Bar62].

**Conjecture** [LP67b, Sha60b, Sha63a, Wil63].

**Conjectures** [Rob65b]. **Conjugate** [Mag60].

**Connected** [BC67]. **Consecutive**

[BLL64, Coh67a, KK64, LP67a]. **Considered**

[Low66]. **Consistency** [Eis68]. **Constant**

[BK64, Chu65, Knu62, LFiCM65, Mel68, Mel69, Mit68, Sha67b, Spo69, Swe63, Wre60, Wre61, WS66].

**Constants** [Sha64b, Tre66]. **Constrained** [Kin66].

**Construction**

[BP67, Dav67, Gau68, Lyn65e, Swi60]. **Containing**

[BS67a, NF63]. **Continued**

[Fra69, GH67, Spi61, Spi62, WS66].

**Continued-Fraction** [Spi62]. **Continuity**

[Rab68]. **Continuous** [SL61]. **Contour**

[LD67, Woo66]. **Controlled** [Bau60, Rom64].

**Convective** [RW66]. **Convergence**

[BHT69, Bro64, But66, Cho69, Gar67, Lee62, LR68, New67a, Par68, Wid66]. **Convergent**

[Den69, Tra66]. **Convergents** [SM63].

**Converging** [Lea67]. **Conversion** [MA65, Sch67].

**convex** [Coc69b]. **Convolution** [BKK64, Jon61].

**Coordinates** [OB64]. **Corner** [Wig69]. **Correct**

[Bat63, DG63]. **Correcting** [McA65]. **Correction**

[Sat66]. **Corrections** [Cla62, Pop60]. **Corrector**

[Cas69, Coo61, KM68]. **Correctors** [Kro67, Ste65].

**Correlation** [Gre61, Jen62]. **Correlations** [KF62].

**Corrigenda**

[Ano60a, Ano60b, Ano61a, Ano61b, Ano61c, Ano62a, Ano62b, Ano63a, Ano63b, Ano63c, Ano63d, Ano64a, Ano65a, Ano66a, Ano67a, Ano67b, Ano68a, Ano68b, Ano68c, Ano68d, Ano69a, Ano69b, Ano69c, Cod66].

**Corrigendum** [Ano60c, Ano62c, Ano62d, Ano64b,

Ano64c, Ano65b, Ano65c, Ano66b, Ano67c,

Ano69d, CT67a, Ste71, Wim72]. **Cosine** [Tha61].

**Coulomb** [Boe69]. **Counterexample** [LP67b].

**Coupled** [Dal63, PD61, Tre66]. **Coverage** [DJ62].

**Criteria** [Bro64, Low61, PD64, Rie69a]. **Cross**

[Bau64, LL62a]. **Cross-Product** [LL62a].

**Cryptography** [Lev61]. **Cubes** [LRB69]. **Cubic**

[LLMS62, Mag60]. **Cumulative** [LWF72].

**Cunningham** [Glo62]. **Curtis** [Hou60, Cha68c].

**Curve** [Bur62a, Smi65]. **Curve-Fitting** [Smi65].

**Curves** [PR63, Rea61, Sat66, Sto61]. **Cusps**

[Atk68]. **Cyclic** [Rig64]. **Cyclotomic**

[BF67a, Met69, Rob65b]. **Cylinder** [Dor66].

**Cylindrical** [MP63].

**D** [Hou60, Pin69]. **Data**

[Bur62a, Jen62, Mon64, PR63, Sha63a]. **Davidon**

[Bar68a]. **Davidon-Like** [Bar68a]. **Davis** [LLS65].

**Dawson** [Hum64]. **Decimals** [SW62]. **Decision**

[MTK62]. **Decomposition** [Cho68a, Par67].

**Decompositions** [de 64]. **Deferment** [Sie65].

**Defined** [Hol69, Hun68, Moo66, Wyn60]. **Definite**

[LSL64, Van64, vH63]. **Deflection** [Dic68]. **Degree**

[Bur66, RR68, Str60a, Str61b, Str64, Str66].

**Derivative** [CK68]. **Derivatives** [Gau66, HW60,

Joh68, Mou64, Pat69, Sha65a, Smi65, Str60b].

**Deriving** [Val68]. **Descriptions** [Ano60d, Ano61d,

Ano62e, Ano63e, Ano63f, Ano63g]. **Designs**

[Yan66, Yan68, Yan69]. **Determinant** [Yan66].

**Determinants** [Lav64b, PRS63, Yan65]. **Determination** [Bro69, Gre61, Olu65]. **Deterministic** [Fra63]. **Development** [S.64]. **Diagonal** [Bus69b, La 63, SM63]. **Diagonalizing** [La 64]. **Diagonally** [Pri65]. **Difference** [AZ69, Ape68, BF67a, BK62, Bra63, Bra66, CK68, Car69, Dal63, DG63, Eis68, FG67, Fra65b, Gor68, GM68a, GM68b, Gra64, H.65, HW61, Hay65, Hub66, Jam68a, Kel64, KL68, Kre68, Lar64, Lay64, Lee66, Low61, MP63, Osb62, Osb67, Osh69b, Osh69a, PM62, Pea69, Pri68, Rig64, RW66, Ros64, Sim67, SW69b, Thu69a, Tun66, Wid65, Yam67, vW69]. **Differences** [AH64, Bur63c, Del66, Eps62, Gar65a, LP67c, Lay67, Sal62a]. **Different** [Tre66]. **Differentiable** [SL61]. **Differential** [BP67, BK62, BKK64, BC69, But66, Coe67, Coe68, Day64, DGL66, FG67, Fra65b, Gar65a, Gea67, Jam68b, Kat68, KM68, LS67c, ML67, Mur67, Nor62, Osb62, Osb67, PD61, Ros64, Sha66, Ste69a, Tre66, Wen65, Wit64, vW69, LS67b]. **Differential-Difference** [BK62, vW69]. **Differentiation** [Lyn68]. **Diffusion** [HW61, Lar64, Pea65]. **Digamma** [Moo67]. **Digital** [CEFT62, Kee65]. **Digits** [Pat62]. **Dimensional** [Asc60, Ber66, Cla62, Gin63, Hub66, Lyn65b, Man66, Mit66, Mul59, Mus64, RR69, SS64]. **Dimensions** [Bes64, Bra63, Mil60b, Mil60a, Mil60c]. **Diophantine** [GLS64, LJB66, LB66, LD68, Lee68]. **Dirac** [CT67a, CT67b]. **Direct** [de 64]. **Direction** [DKV63, KS65, Kel69, Lee62, Wid66]. **Dirichlet** [Bra63, BHT69, Eps62, Kam69, SW63, Sha64b, Spi69, Wig69]. **Disc** [BS67a]. **Discontinuity** [Nav63]. **Discontinuous** [Ape68]. **Discrete** [BP67, BHT69, Bur62a, Cho69, Man66, Thu69b, Tra65]. **Displacements** [Pet65]. **Dissipative** [Osh69b]. **Distributed** [Geb64]. **Distribution** [AB69, Amo69, BH62a, Cad64, DJ61, Geb64, GV68, Jag64, PS67, SK67]. **Distributions** [Kon65, Kra66]. **Divisibility** [Lee69]. **Division** [JJ65, Moo66]. **Divisors** [Ehr67, Kra61, Kra66, Mus66, SK67]. **Domain** [Mil60b, Mil60a, Mil60c]. **Domains** [BC67, Coh62, Coh65, Coh67b, Coh69]. **Dominant** [Pri65]. **Doppler** [WKG66]. **Double** [BC69, Lan67, Lin65a]. **Douglas** [Fai69]. **DuFort** [Gor68]. **Dunod** [Hou61]. **Dynamic** [BKK63, Ste64a]. **Eberlein** [Sar68, SS69]. **Economical** [Fyf66]. **Economization** [Bur62a]. **edition** [Hou60]. **Editor** [Hou63b]. **Effect** [Kro67]. **Efficiencies** [Gre67]. **Efficient** [Cha67, DJ67, Spi61, Woo68, WS66]. **Eigensystem** [Var68b]. **Eigenvalue** [BH62b, Car69, Coe61, Dra61, For64, Gar65b, Gea69, God66, Goo65, Osb62, Par64b, Var66]. **Eigenvalues** [BK68, FC67, Gar69, Gar65a, Gol62, LF68, Olu65, Swa68, Wen65, WB64]. **Eigenvectors** [FC67, LF68, Var68a, WB64]. **Eighteen** [BF67a]. **Eighteenth** [SO60]. **Einstein** [NDT69]. **Elastic** [PWMD63]. **Elasticity** [Van64]. **Electronic** [PS60]. **Electrons** [Gol69]. **Elementary** [Erd64, Joh65, Spi61]. **Elements** [Coc69a, Ham65]. **Elimination** [Bar68b, Sha63b, Wil67]. **Ellipse** [Cad64]. **Ellipses** [LS65b]. **Ellipsoids** [Fis64]. **Elliptic** [Boe61, BH64, Cod65a, Cod65b, Cod66, FL67, Fet65, Fra65a, Jam68a, Lan60, LL62b, Lin60, LT64, Lin65a, Lin65b, Luk68, NC66, Van69]. **End** [Pea65]. **Epsilon** [Wyn61]. **Equal** [Bar66, Bru69, LP66, LPS67]. **Equally** [Mil60b]. **Equation** [Asc60, BK62, BC69, Bra63, CK68, Cha68a, Coc69a, Con67, Coe61, DG63, Fai64, FL66, FG67, GLS64, Gin63, Gor68, LJB66, LD68, Lar64, Lee68, Low60c, Low60d, Mit61, MP63, PM62, Pea65, Pea69, Rad60, RS61, Sat66, Voi66, vW69]. **Equations** [Ape68, Bat63, BKK64, Ber67, BF66, Bra66, Bro65, But66, Cho68b, Cho69, Coe67, Coe68, Dal63, Day64, Day67, DGL66, Dic68, Fet64, FL61, Fra65b, Gar65a, Gea67, HW61, Han68, Hub66, Jam68b, Jar66, Jon61, Kat68, Kel64, KM68, LB66, Lee66, LS67c, Lin69, Lon60b, ML67, Mur67, Nas65, Nor62, Osb62, Osb67, Osh69a, PD61, Pet63, Pet65, PRS63, Rig64, RBM67, Rob64, Ros60, Ros64, Sal60b, Scr69, Sha66, Sta62, Ste69a, Tai67, Tra66, Tre66, Wal69, Wit64, LS67b]. **Equidistant** [Mon64]. **Equidistribution** [Fra64]. **Erlang** [Whi63]. **Errata** [Ano61e, Ano63h, Ano63i, Ano63j, Ano65d, Ano65e, Ano66c]. **Erratum** [Ano60e]. **Error** [AH64, Bar68c, Bar68d, Cas65, CJ68b, Cha68b,

Cha68c, CJ68c, CR68, Cod69, Gau61, Har66, Jor68, Kin66, LR68, Lyn65c, Lyn64, Man67, McA65, McN64, NL69, Olv64, Osb67, Rab68, Ral62, Rei67, Sch62, SG68, Sec65, Sim65, Ste68a, Str65, Str68a, Tai67, vZW64, WD61, Wil64, Woo67, H.65].

**Error-Bounds** [McN64]. **Error-Correcting** [McA65]. **Errors** [Des63, Ell65, Ell67, LLS65, Low60b, Low60c, Low60d]. **Essentially** [BHT69].

**Estimate** [Sim65]. **Estimates** [BHT69, Bra66, CJ68b, Cha68c, CJ68c, ES65, Kan66, Rei67, Whi65]. **Estimating** [HK68, LLS65].

**Estimation** [Ell64, Man67, Rig65]. **Euler** [Knu62, KB67, LP67b, McN64, Nav63, Sha67a, Swe63].

**Evaluating** [Hir68, Whi63]. **Evaluation** [Bar61, CR68, CCJM63, Ell64, Fra65a, Fyf66, Gal69, Gla66, Gre60, Hir68, Hun68, KG68, KM68, KM67, Lan60, LL62a, Lav64b, Lin60, LT64, Lin65a, Lon60a, McN64, MR65, Mel68, Mit68, NC66, SS64, SO60, Sta63, Tak66, Tho66, Van64, Wre60, Wre61].

**Evaluations** [Lyn65b, Sha66]. **Even** [Lee69].

**Every** [SL68]. **Exact** [BF66]. **Existence** [Bur63b, Jam68b, Wun63]. **Expansion** [AM61, DB60, Ell64, ES65, LC61, NDT69, Sha64c, Tho65, Van69, Ver66c, vZW64, vZW65, Wyn60].

**Expansions** [Boe69, Cod65b, FW61, Fie67, Fra69, Hol69, Hum64, LL62b, LW63, LN67, NL69, OB64, Tha61, Ver65, Ver66a, Ver66b, Ver67a, Wim62, Woo67, Wim72].

**Experimental** [LB61, PR63, SS65]. **Experiments** [Jor68, KS63, Ric66]. **Explicit** [Asc60, Atk68, CJ68a, Ker69, Lar64, Low61, Lut68, MP63, Swa68].

**Exponential** [CT68, CT69, Cor61, Del66, Lay64, Lay67, Led61, LD62, vZW65]. **Exponentials** [Ric64a]. **Exponents** [Ste64b, Tam62].

**Expository** [Str61a]. **Expressions** [BP67].

**Extended** [BA62]. **Extension** [Hea65, Lyn65d, Sri69]. **Extensions** [HL69, New69, RU68, Str68b]. **Extrapolated** [Pet65]. **Extrapolation** [Let66]. **Extremal** [Bus69b].

**Factor** [Glo62, Mag60, Met69, Rie63, Rig65].

**Factorization** [Ise60, Ise61, McE69].

**Factorizations** [Bri63, BS67b, Ise65]. **Factors** [BJ60, Bri64, Glo60, Kar61, Rie62, Rie69b, Wra64].

**Fairing** [TS61]. **Fast** [Map63, Ber67, Ber68].

**Features** [Coh67b, GC68]. **Fermat** [Pax61, Rie63, SH64, Wra64]. **Fermi** [CT67a, CT67b, WR63]. **Fermi-Dirac** [CT67a].

**Fibonacci** [Geb67, Wun63]. **Field** [Met69, Yan65].

**Fields** [Ayo67, Coo61, McE69, Swi60]. **Fifth** [Str66]. **Figurate** [Wun62]. **Figures** [Ger64, GV68]. **Filon** [Fos68, Tuc67].

**Filon-Trapezoidal** [Tuc67]. **Finding** [BS67a, Ste69b, Ste71]. **Finite** [AZ69, AH64, Bra63, Car69, Eps62, Gar65a, GM68a, GM68b, Gra64, Jam68a, Lav64a, Lay64, Lay67, Lew69, Lon60a, McE69, Osb62, Osb67, PM62, Pea69, Pri68, Ros64, Sim67, SS68, SW69b, Thu69a, Yam67].

**Finite-Difference** [AZ69, Car69, GM68a, GM68b, Pea69, Sim67, SW69b, Thu69a, Yam67]. **Finitely** [Kam61]. **First** [FL67, Ger64, KK64, LP67c, LD62, Low66, Met69, Pat62, Tre66, Van69]. **First-Order** [LD62, Tre66]. **Fit** [PR63]. **Fitting** [Bur62a, Smi65]. **Five** [SL68]. **Fixed** [SS63a].

**Floating** [LS67c, LS67b]. **Floating-Point** [LS67c, LS67b]. **Floors** [Coh65]. **Flow** [BHK68, DG63, KG68, Ric69, von67]. **Fluid** [PWMD63, Ric69]. **Flux** [von67]. **Folding** [Lun68].

**Ford** [S.64]. **Form** [Bus69a, Glo65, La 63, Lal67, SL68, Sha60b, Sha61, WG64]. **Formal** [Hol69].

**Formally** [Wyn60]. **Forms** [WZ68]. **Formula** [Ahl64, BH62a, Bau60, Cas65, CJ68b, Cha68b, Coo61, Fos68, Jag66, Lut68, McN64, Sch67, Sri69].

**Formula-Controlled** [Bau60]. **Formulae** [And65, Fyf66, LS65a, McN64, Pat68b, Pat68a, Pat69, Sar68, SS69, Wim68]. **Formulas** [Bes64, Boe61, Bur63b, Bur63c, Bus68, But64b, CJ68c, Dav64, Dur66, Gau68, Hab64, Hab67a, Hab69, HW60, Har62b, LS65b, Lyn68, Mil63, New63, RR69, RS61, Sal60a, SK61, Sal62c, Sec65, Sha65a, Sta63, SS63a, Str60a, Str61b, SS63b, Str63, Str64, Str66, Str68b, Str60b, Wil69, Wyn61].

**Formulation** [GM68c]. **Four** [Bra63, LRB69, YP61]. **Four-Color** [YP61].

**Fourier** [Ber67, Ber68, CT65, Rud66, Tun66, WG60, dF66].

**Fourth** [Blu62, Bra63, FG67, Jar66].

**Fourth-Order** [Blu62, Bra63, FG67]. **Fraction** [Fra69, GH67, Spi61, Spi62]. **Fractions** [WS66].

**Frankel** [Gor68]. **Franklin** [Uch66]. **Free** [Ros60].

**Fresnel** [Boe60, Cod68, Fle68]. **full** [Coc69b].

**Function**

[Bar61, Bro67, Car62, CR68, CH67, Cod69, DL67, DB60, DJ62, DJ67, Ell64, ES65, GB68, Gau61, Geb64, Gla66, Gla68, HP62, Har66, Hea65, Hum64, Joh68, Lal69, LS67a, Leh60, Leh66, Lin60, LT64, Lin65b, Low66, LW63, Lyn65b, Lyn69, Mac65, Man66, MM67, Moo67, Mou64, NF63, Old68, OM68, PS67, Rei69, Ric69, Rot61, SL61, SG68, Shi66, Spi66, Spi68, SD65, Str65, Str68a, Tak66, vZW64, WC61, Wil64, Woo67, Wre68, Shi60].

**Functional** [Cha68a, Nav63, NL69, Spi67].

**Functionals** [Dan69a]. **Functions**

[AM61, Bau64, Boe62, Boe69, Bur62b, Bur63a, Bur64, Bur68, CJ68c, DM69, Dor66, Ell67, EG63, FW61, Fie65, Fle68, GH67, GS62, Hol69, Hun64, Hun68, Jag64, Kam61, KF62, KKI67, Kir60, LL62a, Led61, Lew69, LL62b, Lin65a, Lon60a, LNP69, LC61, Lyn68, Mec66, Mec68, Mil63, MTK62, Nav63, NDT69, OD65, PR63, Rab68, Rei67, Ric64a, SD69, Sha66, Spi61, Spi62, Spi69, Tam62, Tra66, Van64, Val68, Ver65, Ver66a, Ver66b, Ver66c, Ver67a, Ver67b, Whi63, Wim62, Wim67, Wim68, Wyn60, vH63, Wim72, Wim72].

**Fundamental** [Coh65, Coh67b, Coh69, Sim67].

**Further** [NL69, Wre60].

**G** [S.64, Pin69]. **Galois** [Coc69a, Swi60]. **Games** [APR65]. **Gamma**

[Bar61, CH67, GB68, Tak66, WC61, Whi63, Wre68]. **Gap** [Atk68]. **Gaps** [Joh65, Sha64a]. **Gases** [S.64]. **Gauss** [Cas65, CJ68b, Cha68b, CJ68c, CCJM63, Fet65, Gal69, Gau68, GW69, KS63, McN64, Pat68a, Sha69, Sha63b, SH65, Ste68a, Whi65].

**Gauss-Type** [McN64, Whi65]. **Gaussian**

[And65, Bar68b, Cad64, Day63, DJ61, Pin69, Rab68, RS61, Rot61, Sha60a, SCF64, SS63a, SBG69].

**Gauthier** [Hou63a]. **Gauthier-Villars** [Hou63a].

**Gelbard** [Pin69]. **General** [DJ61, Gar65b, Kel64, Nas65, Pet63, Var68a, Var68b, Wil69].

**Generalisation** [Fai69]. **Generalised** [Ver67b].

**Generalization** [Ahl64, Her69, Ste68b].

**Generalizations** [Sha67b]. **Generalized**

[BI65, BI66, Bur64, Cas65, Fie65, GA68, HP62, Lav64a, LW63, Sha67a, SCF64, SW69b, Tra65, WD61, Wil67]. **Generated** [Bar62, Gre61, Tau65]. **Generating** [Cla62, Geb64, Geb67, Mul59].

**Generation**

[Bow67, BF67b, How62, JJ65, Joh63, Lot62, Wel61].

**Given** [BS67a, Map63, Shi66, Shi60]. **Global** [Par68]. **Globally** [Tra66]. **Golomb** [Mit68].

**Goursat** [AH64]. **Gradient** [Gre67]. **Gram** [Ric66]. **Graph** [May65]. **Graphs** [Bow67, S.64].

**Gravity** [Mac65]. **Greatly** [Tre66]. **Green** [Man66]. **Groboillot** [Hou61]. **Ground** [Kam69].

**Group** [Coc69a, Com60]. **Groups** [Bro69, JC69, PS60, Sha65b, SS68]. **Growth** [Jor68].

**Hadamard** [BH65]. **Half**

[DJ67, Lin60, LT64, Lin65a, Swa68, Gau94]. **Half-**

**half-century** [Gau94]. **Half-Integer**

[DJ67]. **Hall** [Sha65b]. **Hardy**

[Sha60b, Sha63a, Sri69]. **Harmonic**

[Man66, Mil60c, OB64]. **Harmonics** [Rot60].

**Hasse** [ZL69]. **Having** [Wal69]. **Heat**

[Asc60, DG63, Dra61, Gin63, Low60a, Low60c,

Low61, MP63]. **Helpful** [Bes64]. **Henrici**

[H.65, Ham65]. **Hermite** [Ahl64, SCF64].

**Hessenberg** [Bus69a, Par67, Par68]. **Heuristic**

[BH62a]. **High**

[CEFT62, DG63, GB68, Lev61, Lyn65b, Mit61,

PG60, Rab60, RS61, RR68, SS64, TS61].

**High-Dimensional** [Lyn65b, SS64]. **High-Order**

[DG63, RS61]. **High-Speed**

[CEFT62, Lev61, Mit61, TS61]. **Higher**

[BLL64, GH67, Hou60]. **Hilbert**

[Coh65, Coh67b, Coh69, DE62, FC67, Lav64a, SL69].

**Hill** [Hou63b, Sat66]. **Hille** [Sri69].

**Homogeneous** [PR63]. **Horn** [Sch63, Sha65c].

**Householder** [HL69]. **Howland** [Nel61].

**Hundred** [Ger64]. **Hydrodynamics** [Van64].

**Hyman** [Gar65b]. **Hyperbolic**

[AZ69, Ape68, GM67, GM68a, GM68b, GM68c,

Gra64, Tha61, Yam67]. **Hypercircle** [Val68].

**Hypercubes** [Lyn65c, Lyn65d, Lyn65e].

**Hypercubic** [Lyn65a, Lyn65b]. **Hypergeometric**

[FW61, Fie65, LC61, LW63, Ver66a, Ver66b,

Ver66c, Ver67b, Wim68]. **Hypersculatory**

[Sal60a, Sal62c]. **Hypersphere** [Mit66].

**Hypothesis** [GC68].

**Ideal** [Ste64b]. **Identities** [Che64, Mac65].

**Identity** [Bar68b]. **II**

[Sha65c, BW67b, Bar68d, Bri64, GM68b, Hab67b, Lyn65d, SS69, Spi68, Yan69]. **III** [Del65, Lyn65e].

**Imaginary** [Ayo67, Bar61, LS67a, vZW64].

**Immersed** [PWMD63]. **Implicit**

[But64a, SW69a, Wid66]. **Improved**

[Com60, Coo61, Dic68, SK61, vZW64, vZW65].

**Improvement** [Mec68]. **Impulsive** [Pea65].

**Incidence** [Nik60]. **Incomplete**

[Bar61, DJ67, FL67, OM68, Tak66, Van69, Whi63].

**Index** [LWF72]. **Inequality** [Val68]. **Infinite**

[Bur63c, Har62b, LW65, LW63]. **Infinity** [Fro62].

**Initial**

[Ape68, Day63, Kre68, LR68, Osh69b, Sim65].

**Initial-Boundary** [Osh69b]. **Instability** [Bar68a].

**Integer** [Bar68b, DJ67, SL68].

**Integer-Preserving** [Bar68b]. **Integers** [Coh67a,

GV68, LD62, Moo66, Rob65b, Wag67, de 64].

**Integral**

[Cad64, CT68, CT69, Coh62, Cor61, Day67, Fet67, Fra65a, GTM69, Hun68, Jon61, LS67a, Lin69, Mec68, MR65, NF63, Raz65, Rei69, RS61, SD69, Scr69, Voi66, vZW65, WR63, Wim61, Woo68, vH63].

**Integrals**

[Boe60, Boe61, CR68, Cod65a, Cod65b, Cod66, CT67b, Cod68, FL67, Fet65, Fle68, Fos65, Gau61, GS62, Gla66, Gla68, Gre60, HO69, Har62b, Hir68, KKI67, KM67, Lan60, Lew69, LW65, Lon60a, Lor60, Luk68, McN64, MM67, Mil63, NC66, Nel61, OD65, Ric69, SS64, SBG69, Tho65, Tho66, Van64, Van69, Wil64, WKG66, Woo66, Woo67, dF66, vv66, CT67a].

**Integrand** [HW60, Mil60c, Str60b, vv66].

**Integrating** [Bes64]. **Integration**

[Bar68c, Bar68d, But64b, DJ61, Feu68, FL61, Gea67, Has61, Led61, LS65b, LS67c, Low60c, Lyn65a, Lyn65b, Lyn65c, Lyn65d, Lyn65e, LD67, McL63, ML67, Mus64, New63, Nor62, Pat68a, Pat69, Rab68, RR69, RBM67, Sec65, Str60a, Str61a, Str61b, SS63b, Str64, Str66, Str68b, Tre66, Wit64, LS67b].

**Integro** [PD61]. **Integro-Differential** [PD61].

**Interpolant** [LS66]. **Interpolation**

[Ahl64, Bur68, Coo68, Fre61, Kah69, Lay67, New66, Sal60a, Sal62b, Sal62c, Smi65]. **Interscience**

[Hou60]. **Interval**

[Fre61, Hab64, Han68, Rot61, Shi66, Shi60].

**Intervals** [Bur63c]. **Invariant** [Par66]. **Inverse**

[BI65, Sal60a, Str68a, Tha61, Var68a, Wil67].

**Inverses** [CJ68a, Col69, Ker69, Lav64a]. **Inversion**

[BI66, Ber66, DM62, Ede66, Gau69, Low60b].

**Inverting** [Cha67, Geb64, LSL64, May65].

**Investigation** [Chi69, Hay65, Jag66]. **Involving**

[Gla66, HW60, Lew69, Pat69, Str60b, Van64,

Ver66b, Ver67a]. **Irreducibility** [Car65].

**Irreducible** [Swi60, Sha65c]. **Isomorphism**

[JC69]. **Isoperimetric** [Mel68]. **Iterated**

[Ric69, Tha61, Wyn62]. **Iterates** [Lal69].

**Iteration** [DKV63, Sen64, Tra66, Var68a].

**Iterations** [Ber68]. **Iterative** [AZ69, BI65, BI66,

Des63, Dor69, God66, Jar66, Mar68, Nas65, Pet63].

**J** [Hou61, Sho60]. **J.** [Uch66]. **Jacobi**

[LW63, Pet65]. **Jacobian** [LL62b]. **James**

[Sha65b]. **John** [Sho60, Hou63b]. **Johnson**

[Hou61]. **Joint** [Jag64]. **Jr** [Sha65b]. **Jr.** [Sho60].

**Kantorovich** [Hou60]. **Kelvin** [Bur63a]. **Kernel**

[APR65, Jam68a, KG68]. **Kernels** [Tun66].

**Khinchine** [Wre60, WS66]. **Kind**

[Boe61, DB60, Fet65, Fra65a, LS67a, Lin69, Mec66].

**Kinds** [FL67, Van69]. **Korganoff** [Hou61]. **Krylov**

[Hou60]. **Kutta** [Blu62, But64a, But65, Fyf66,

HJ64, Kin66, Lut68, Ral62].

**L** [Hou61]. **L.** [Hou60]. **Laguerre**

[Bur63b, Cas65, CCJM63, GW60, GS62, Lor60,

Mil63, Par64b, SCF64]. **Lal** [Sha67b]. **Laminar**

[KG68]. **Landau** [SS66, Chi69]. **Laplace**

[Ber66, Bus68, Gau69, Ver65]. **Large**

[JLB67, LS67a, LSL64, Wim67]. **Largest** [Gra63].

**Latent** [DE62]. **Latin** [OV61]. **Lattice**

[FG62, KS63, Mit66, Spo69]. **Lawson** [RU68]. **Lax**

[GM68c, Yam67]. **Layer** [Mit61, Mur67]. **Least**

[DSS68, HL69, Jor68, Klo64, Sie65]. **Least-squares**

[Jor68]. **Legendre** [Lew69, Mil63, New69].

**Lehmer** [Ste71, Ste69b]. **Lemniscate** [Car62].

**Length** [Ber67, Coc69b]. **Lens** [Lea67].

**Lens-Shaped** [Lea67]. **Less** [Map63, Rob64].

**Level** [Lee66]. **Like**

[Bar68a, Bar66, Bru69, LPS67]. **Limit** [Map63].

**Limiting** [GS69, Man67]. **Limits** [Lyn65b]. **Line**

[Dor69, Gar67, Rea61, Sal62a, Sto61]. **linéaire**

[Hou61]. **Linear** [BP67, BF66, Dal63, Day64, HL69,



Jor68, Kan66, Lee66, Mil68a, Pet63, PRS63, S.64, Sch62, Ste69a, Tau65, vH63]. **Lines** [Kam69, TS61]. **Liouville** [BK68, Car69, Leh60]. **Littlewood** [Sha60b, Sha63a]. **Lobatto** [Mic63, Pat68a, Rab60]. **Locally** [Hub66]. **Locating** [DL67]. **Logarithm** [CH67, KR68]. **Logarithmic** [Spi62]. **Logical** [Bau60]. **Lommel** [Boe62]. **Low** [Rab68]. **Low-Order** [Rab68]. **Lower** [Gol63]. **LR** [Gol62]. **Lucas** [KB64]. **Lucasian** [Rie69a].

**M** [Pin69]. **Machine** [CT65, LLMS62, Ste64a, Var68b]. **Maclaurin** [McN64, Nav63]. **Maehly** [SM63]. **Majority** [MTK62]. **Mann** [OV61]. **Mantissa** [Kon65]. **Manuel** [Sho60]. **Map** [Lun68]. **Map-Folding** [Lun68]. **Mapping** [BC67]. **Marshall** [Sha65b]. **Mass** [Dra61]. **Math** [Wim72]. **Mathematics** [Gau94, LWF72]. **Mathématiques** [Hou63a]. **Mathieu** [BC69, Kir60, Tam62]. **Matrices** [BH65, BI66, Bus69b, Cho68a, DM62, FC67, Gea69, Gol62, Her69, Hof65, KS65, Ker69, LF68, LSL64, LNP69, Low60b, May65, Mil68b, Nik60, Par66, Par67, Par68, Pri65, Pri68, Sen64, Sha63b, Yan68, Yan69]. **Matrix** [BI65, Bes61, Bes68, BH62b, Bus69a, Cha67, DE62, DP65, Ebe64, Ede66, Fra64, Gar69, Gau69, Gol63, La 63, La 64, Lav64a, Mar68, MM66, PS60, Par64b, Pet65, Por63, Sch67, Var68a, Var68b, Wal69, WG64, WB64, Wyn62]. **Matrix-Power** [Fra64]. **Max** [Por63]. **Maxima** [CG68]. **Maximal** [Joh65, Mar68, Sha64a, Yan66, Yan68, Yan69]. **Maximization** [Bur66]. **Maximum** [Gor68, Yan65]. **McGraw** [Hou63b]. **McGraw-Hill** [Hou63b]. **Means** [Fet65, PRS63]. **Measure** [Sar68, SS69]. **Mechanical** [Sar68, SS69]. **Meijer** [Ver67a]. **Meissner** [Sat66]. **Merits** [SM63]. **Mersenne** [BJ60, Bri64, Ehr67, Gil64, Hur62, Kar61, Kra61, KB64, Kra66, Rie62, SH64, SK67]. **Mervin** [Cla62]. **Mesh** [Kel64]. **Method** [AZ69, APR65, Bar62, BI65, BI66, Blu62, Bro64, Cla62, DSS68, Day63, Day64, Day67, DL67, DJ62, Dic68, Fai69, Fle68, Gar65b, God66, Gol62, GM68c, Has61, Hol69, Kel69, LS66, Lay64, Lin69, LLS65, Lon60a, Lon60b, Lyn64, Mag60, Map63, Mei69, Mul59, OD65, Par64b, Pet63, Pet65, Pop60, Ros60, Sie65, SF69, Ste69b, Ste71, Str65, Tre66, Van69,

Wen65, Wid66, Wig69, Wil67, Wit64]. **Méthodes** [Hou61]. **Methods** [Bar68a, BRB65, Bro65, Bro67, But65, Car69, Com60, Coo67, Coo68, DKV63, Fra65b, GM67, GM68a, GM68b, Gre67, Hou60, HJ64, Jam68a, Jam68b, Jar66, Kin66, Lea66, Lee62, Let66, LSL64, LR68, Lyn69, ML67, MP63, Nas65, Osb62, PM62, Ral62, SW69a, Thu69a, WB64, H.65]. **Metropolis** [Sho60]. **Mid** [Jag66]. **Mid-Point** [Jag66]. **Midpoint** [Hab67a, Ste68b]. **Miller** [Olv64]. **Min** [Por63]. **Minimal** [Bow67, Con67, RR69, Coc69b]. **Minimax** [Den66]. **Minimisation** [Bro67]. **Minimising** [Osb67]. **Minimization** [Dan69a, PD64]. **Minimum** [BW67a, BW67b, BS67a, Fis64, Kin66, LD62, Ral62]. **Miscellaneous** [Bri63]. **Mises** [Mit61]. **Missing** [Jen62]. **Mixed** [Bat63, Kre68, Lay67, Low60a, Osh69b, Sch67, Thu69a, Thu69b]. **Möbius** [GC68]. **mod** [Wat62a]. **Models** [Coh69]. **Modification** [Blu62]. **Modified** [DB60, Hab66, Hab67b, Jag66, Kir60, LS67a, Mec66]. **Modular** [Man61, Sch67, Sha62]. **Modulo** [Fra64, LD62, New67b, Tau65]. **Modulus** [LL62b]. **Moments** [Rob65a]. **Monotone** [BH64, Pri68, Thu69b]. **Monte** [Hab66, Hab67b]. **Monte-Carlo** [Hab66, Hab67b]. **Motion** [FL61, PWMD63, WP60]. **Moulton** [BRB65]. **Muller** [Cla62]. **Multidimensional** [DG63]. **Multiple** [Bar68c, Bar68d, HO69, Hir68, Sal62a, SS63a]. **Multiplication** [JJ65, LF68]. **Multiplicative** [Bar62, Col69]. **Multipoint** [Jar66]. **Multistep** [Bar68b, GM68c, New63]. **Multivariate** [Mon64]. **N** [Sho60, Uch66, Pin69]. **Natural** [BB68, CH67]. **Navier** [Cho68b, Cho69]. **Needed** [Mac65, MM67]. **Negative** [LB61]. **Neumann** [Dor69, Wig69]. **Newton** [Bro67, Lon60b, SF69]. **NF** [Hou61]. **Nine** [Kil60, Lee69, PK64]. **No** [Wag67]. **Nodes** [SS63a]. **Non** [Bur63b, Dal63, KF62, LS66, SL61, Wun63, Hou61]. **Non-Differentiable** [SL61]. **Non-Existence** [Bur63b, Wun63]. **Non-Linear** [Dal63]. **Non-Polynomial** [LS66]. **Non-Stationary** [KF62]. **Noncommutative** [Wid66]. **Nonexistence** [Kil60]. **Nonlinear** [Bro65, Coo67, Day67, GM68a, GM68b, GM68c,

Kel69, Lin69, Nas65]. **Nonnegative** [Dav67, Wal69, Wil69]. **Nonselfadjoint** [Car69]. **Nonsingularity** [Hof65]. **Nonsymmetric** [Yam67]. **Nordsieck** [LS67c, LS67b]. **Norm** [BW67a, BW67b]. **Normal** [Amo69, Geb64]. **Normally** [Geb64]. **Note** [Ayo67, Bar66, BI66, Bur62a, Cas69, Cav63, Cla62, Day66, DB60, DE62, Des63, Fai69, Fet60a, Fet60b, Flo60, Glo60, Gor68, Hab64, Kil60, Kro67, LRB69, Lee62, Mil68b, Mul59, New67b, Osb62, PK64, Par64a, Rea61, Rie64, Rud66, Sal60b, Sal62b, SM63, Sha60a, Uch66, Ver66c, Ver67a, Ver67b, Yan65, de 67]. **Notes** [AOS67, And65, Atk68, Bar68a, BDN69, Bar66, BS67a, BH62a, Bau60, Bau64, BK62, BKK64, BI65, BI66, Ber66, Ber67, Bes64, Bes68, BK64, Boe60, Boe61, Boe62, Bow67, BF67b, BM68, BJ60, Bri63, Bro64, Bur62a, Bur62b, Bur63a, Bur63c, Bur64, Bur67, Bur66, Bus68, Bus69b, But61, Car62, Car65, Cav63, Cha68a, Cha67, CJ68a, Cha68b, CG68, Chi69, Chu65, Coc69a, Cod68, Col69, Day63, Day64, Day66, DGL66, DB60, DE62, Dor69, DKV63, DM62, Ebe64, Ede66, Eps62, Erd64, FL66, Fai69, Fet60b, Fet64, Fet67, Fis64, For64, Fra69, Fra65a, Fre61, Fro62, GB68, Gar69, Gar65b, Gar67, Geb64, Geb67, Ger64, Gla66, Gla68, Glo60, Glo62, Glo65, Goo65, Gor68, Gre60, GV68, Hab64, Hab67a, HO69, Har62a, Har66, HKW60, Hea65]. **Notes** [How62, HJ64, Hum64, Hun64, Hun68, Hur62, Ise61, Ise65, JJ65, Jar66, Jen62, Joh63, Joh65, Joh68, JLB67, Kar61, KK64, Kee65, KS65, Ker69, Klo64, Kon65, Kra60, Kra61, KB64, Kra66, Kro67, La 63, La 64, LJB66, LB66, Lal67, LD68, Lal69, LRB69, LS65a, LP66, LP67b, LP67a, LP67c, Lan60, Lan67, LL62a, Lav64b, Lav64a, LF68, Lay64, Lay67, LS67a, Lea67, Led61, LS65b, Les65, LL62b, Lin65a, Lin65b, LW65, LLS65, Lon60b, Lor60, Lot62, Low66, Low60a, LFiCM65, Lun68, Lut68, Lyn65a, Mac65, Mag60, Man61, Mar68, May65, McA63, Mec68, Mel69, Mil63, Mon64, Moo67, MM66, Mus66, New63, New66, New67a, New69, New67b, Nik60, Old68, Olu65, OD65, OV61, PS60, PK64, Par64a, Par66, Par67, Pat68a, Pat69, PG60, Pin69, Por63, PRS63]. **Notes** [Pri65, Rab68, Rad60, Raz65, Ric66, Rie62, Rie63, Rie64, Rie69b, Rig64, Rig65, Rob65a, RS61, RR68,

Rot60, Rud66, Sal60b, Sal62a, Sal62b, SL68, SO60, Sch63, Sch67, SG68, SH64, Sen64, Sha65a, Sha60a, Sha64a, Sha64b, SK67, Sha67b, Sha62, Sha63b, Sie65, SS68, SH65, Sta62, Ste64b, Ste68a, Ste68b, Str65, Str63, Tak66, Tam62, Tho65, Tho66, TM68, Tuc67, Tun66, Uch66, Var66, Ver65, Ver66a, Ver67a, Ver67b, Voi66, vZW64, vZW65, WG60, WG64, Wat62b, WMR67, Wel61, WM65, WC61, Wil68, WGZ65, WZ68, Wil67, Wit64, WKG66, Woo66, Woo67, Woo68, Wra64, Wre60, WS66, Wun62, Wun63, Yan65, Yan66, Yan69, de 67, vW69].

**Notices**

[Bur67, JLB67, LP67b, Moo67, SK67, Ver67a]. **Null** [Lyn65e]. **Number** [Ayo67, BK62, CEFT62, Ehr67, Erd64, FG62, Lal69, Lyn65b, Map63, Met69, Mit66, Pax61, Rie63, SO60, Sha60b, Sha69, WM65, vW69]. **Number-Theoretic** [Lal69]. **Numbers** [AOS67, BH62a, BF67a, BM68, BJ60, Bri62, Bri64, But61, CJ68a, Coh62, Ehr67, Geb64, Geb67, Gre61, Hag69, Jag65, Kar61, KB67, Kra61, KB64, Lee68, Mus66, RR69, Rie62, Rie69b, SL68, Sch67, SH64, Sha61, Sha67a, Tau65, Wag67, WZ68, Wra64, Wun62, Sha65c]. **Numerical** [Bar68a, Bar68c, Bar68d, Bat63, BK62, BHK68, But66, Cho68b, Coh62, Coh65, Coh67b, Con67, Day63, Day64, DGL66, DL67, Dic68, Fet64, Feu68, Fra65a, Gau69, Gea67, Goo65, Ham65, Has61, Hou63b, Jam68b, Jon61, Kam69, Kat68, KM68, KM67, LJB66, LS65a, LS66, Led61, LS67c, Lon60a, Low60a, Low60c, Low60d, LD67, LN67, McL63, Mel68, Mil60b, Mil60a, Mil60c, ML67, Mur67, Mus64, Nor62, PD61, Pop60, RBM67, SS64, SS69, SO60, Sim65, SL69, Str60a, Str61b, Tre66, Val68, Voi66, Wit64, Wyn61, vW69, vv66, von67, LS67b]. **Numérique** [Hou61, Hou63a].

**Occur** [Van64]. **Occurring** [Ker69]. **Octic** [Cav63]. **Odd** [Hag69, Mus66]. **Off** [Des63, Low60c, Low60d, Lyn64, Wig69]. **Offset** [Cad64, DJ61]. **One** [Asc60, Day64, Fra64, Ger64, Gin63, Hub66, KM68, Let66, Sal62a, SW69a, Sha65c]. **One-Dimensional** [Asc60, Gin63, Hub66]. **One-Evaluation** [KM68]. **One-Step** [Day64, Let66, SW69a]. **Operational** [Wyn61]. **Operations** [Fie60]. **Operator** [Del65, GM67, Mil68a, Nas65, Pet63, Pet65, Sim67, SD65].

**Operators** [Car69, Jam68a, Wen65]. **Optimal** [KS65, McL63, SF69]. **Optimized** [GM68c]. **Optimum** [Fre61, HK68, HJ64, Pat68b, Sal62c]. **Optimum-Interval** [Fre61]. **Optimum-Point** [Sal62c]. **Order** [Bat63, BF67a, Blu62, Bra63, But65, Day64, DG63, FL66, FG67, FC67, Jar66, Kil60, LS67a, LD62, Lut68, Mec68, Osb62, PK64, Rab60, Rab68, RS61, Sha64c, Sha65b, Ste69a, Tre66, Yan66, Yan68, Yan69]. **Orders** [CT67b, GV68, NDT69, SS68, CT67a]. **Ordinary** [But66, Coe68, Day64, Fra65b, Gar65a, Gea67, KM68, ML67, Mur67, Nor62, Osb67]. **Ordinate** [Cas65]. **Ordinates** [SH65]. **Orthogonal** [Hir68, Hol69, Smi65]. **Orthogonalization** [Ric66]. **Oscillating** [Kam61, vv66]. **Oscillation** [Pri68]. **Oscillatory** [Lon60a]. **Osculatory** [Kah69, Sal60a, Sal62b, Sal62c]. **Other** [LC61, Ric64a]. **Over-Relaxation** [Bro64, Dor69, Lyn64, Rig65]. **Overrelaxation** [Gar67, HW61, HK68].

**p** [Hou60, Hou61, Hou63a, Hou63b]. **Packing** [Mel69]. **Padé** [Ell67, Fai64, SM63]. **Pair** [Dal63]. **Pairs** [BLL64, Lee69]. **Paper** [Sch63]. **Papers** [Str61a, AOS67, And65, Atk68, Bar68a, BDN69, Bar66, BS67a, BH62a, Bau60, Bau64, BK62, BKK64, BI65, BI66, Ber66, Ber67, Bes64, Bes68, BK64, Boe60, Boe61, Boe62, Bow67, BF67b, BM68, BJ60, Bri63, Bro64, Bur62a, Bur62b, Bur63a, Bur63c, Bur64, Bur66, Bus68, Bus69b, But61, Car62, Car65, Cav63, Cha68a, Cha67, CJ68a, Cha68b, CG68, Chi69, Chu65, Coc69a, Cod68, Col69, Day63, Day64, Day66, DGL66, DB60, DE62, Dor69, DKV63, DM62, Ebe64, Ede66, Eps62, Erd64, FL66, Fai69, Fet60b, Fet64, Fet67, Fis64, For64, Fra69, Fra65a, Fre61, Fro62, GB68, Gar69, Gar65b, Gar67, Geb64, Geb67, Ger64, Gla66, Gla68, Glo60, Glo62, Glo65, Goo65, Gor68, Gre60, GV68, Hab64, Hab67a, HO69, Har62a, Har66, HKW60, Hea65]. **Papers** [How62, HJ64, Hum64, Hun64, Hun68, Hur62, Ise61, Ise65, JJ65, Jar66, Jen62, Joh63, Joh65, Joh68, Kar61, KK64, Kee65, KS65, Ker69, Klo64, Kon65, Kra60, Kra61, KB64, Kra66, Kro67, La 63, La 64, LJB66, LB66, Lal67, LD68, Lal69, LRB69, LS65a, LP66, LP67a, LP67c, Lan60, Lan67, LL62a, Lav64b,

Lav64a, LF68, Lay64, Lay67, LS67a, Lea67, Led61, LS65b, Les65, LL62b, Lin65a, Lin65b, LW65, LLS65, Lon60b, Lor60, Lot62, Low66, Low60a, LFiCM65, Lun68, Lut68, Lyn65a, Mac65, Mag60, Man61, Mar68, May65, McA63, Mec68, Mel69, Mil63, Mon64, MM66, Mus66, New63, New66, New67a, New69, New67b, Nik60, Old68, Olu65, OD65, OV61, PS60, PK64, Par64a, Par66, Par67, Pat68a, Pat69, PG60, Por63, PRS63, Pri65, Rab68, Rad60]. **Papers** [Raz65, Ric66, Rie62, Rie63, Rie64, Rie69b, Rig64, Rig65, Rob65a, RS61, RR68, Rot60, Rud66, Sal60b, Sal62a, Sal62b, SL68, SO60, Sch63, Sch67, SG68, SH64, Sen64, Sha65a, Sha60a, Sha64a, Sha64b, Sha67b, Sha62, Sha63b, Sie65, SS68, SH65, Sta62, Ste64b, Ste68a, Ste68b, Str65, Str63, Tak66, Tam62, Tho65, Tho66, TM68, Tuc67, Tun66, Uch66, Var66, Ver65, Ver66a, Ver67b, Voi66, vZW64, vZW65, WG60, WG64, Wat62b, WMR67, Wel61, WM65, WC61, Wil68, WZ65, WZ68, Wil67, Wit64, WKG66, Woo66, Woo67, Woo68, Wra64, Wre60, WS66, Wun62, Wun63, Yan65, Yan66, Yan69, de 67, vW69]. **Parabolic** [Bat63, CK68, FG67, Hub66, Jam68b, Lee66, Ros60, Wid65]. **Parallel** [Kam69, ML67, Sha62]. **Parallelogram** [Lin60, LT64]. **Parameter** [Ebe64, PR63, Wim67]. **Parameters** [DJ67, HK68, KS65, Sta62]. **Paris** [Hou61, Hou63a]. **Parity** [PS67]. **Parlett** [For64, Var66]. **Part** [Mil60b, Mil60c, SS66]. **Partial** [Dal63, FG67, SK61]. **particular** [Sha65c]. **Partition** [But61, McA63, PS67]. **Partitioned** [Gol63, LNP69]. **Partitions** [Che64, New67b]. **Patterns** [BHK68]. **Paul** [Sha65c]. **Perfect** [Mus66, SO60]. **Perfectly** [RR69]. **Period** [Lin60, LT64]. **Period-Parallelogram** [Lin60, LT64]. **Periods** [LD62, Lin60, LT64, Lin65a]. **Permanents** [Nik60]. **Permutation** [BB68, Cav63]. **Permutations** [Har62a, How62, Joh63, Wel61, de 67]. **Person** [APR65]. **Peter** [H.65, Ham65]. **Phase** [Sol67]. **Physical** [MM67]. **Piatetsky** [HO69]. **Piatetsky-Shapiro** [HO69]. **Places** [Knu62]. **Plane** [Dav64, GH67]. **Planes** [Kee65, Kil60, PK64]. **Point** [Jag66, LS67c, Pop60, Sal62c, LS67b]. **Points** [BS67a, BC69, Cla62, FG62, Mil60b, Mit66, Mul59,

- Pat68b, RR69]. **Poisson** [Bra63, Bra66, Jam68a].  
**Polya** [Wil63]. **polygon** [Coc69b]. **Polygons** [Gol60]. **Polyhedra** [Gol60, Gra63].  
**Polylogarithms** [Sha64b]. **Polynomial** [BKK63, Bur62b, Bur67, Bur66, Car65, Cha68a, Coc69a, Cod65b, Den66, Kam61, Klo64, LS66, Lan67, Lea67, LW63, Mon64, NDT69, Shi66, Smi65, Spi62, Sta62, Ste69b, Ste71, Tra66, Wim61, Wim62, Shi60, Wim72]. **Polynomials** [AM61, Bar61, Bes64, Cav63, GW60, Hir68, Hol69, Hum64, Lor60, McE69, New66, SCF64, Sta63, Swi60, Tho65, Wat62b, Sha65c, Wat62a].  
**Polynomic** [McA65]. **Posed** [Mil68a]. **Position** [Har62a]. **Positive** [BHT69, Dan69b, Kat68, LSL64, Low66, Mar68, TM68, vZW65, Wal69].  
**Possible** [Lot62]. **Post** [LF68]. **Potential** [Bur68, von67]. **Power** [BLL64, Fra64, KK64, Lea66, Man67, Rei69, Wyn60].  
**Powers** [Bar66, Bes68, Bru69, GV68, LP67b, LPS67, LL62b].  
**pp** [Sha65c]. **Practical** [Bur67, Pri65]. **Pre** [LF68].  
**Precision** [PG60]. **Predictor** [Cas69, KM68].  
**Predictor-Corrector** [Cas69, KM68]. **Predictors** [Ste65]. **Preserving** [Bar68b]. **Price** [Hou60, Hou61, Hou63b]. **Primality** [Rie69a].  
**Prime** [BH62a, Bri62, Ehr67, Hag69, LP67c, WZ68, Wre61].  
**Primes** [Gil64, Glo65, Hur62, Joh65, JLB67, Lal67, LP67a, Map63, Sha60b, Sha60a, Sha64a, Sha65c].  
**Primitive** [Lin60, LT64, RR68, Wat62a, Wat62b].  
**Principle** [Gor68]. **Principles** [Del65]. **Priori** [Gre61]. **Probabilities** [Whi63]. **Probability** [Gre60]. **Problem** [AH64, Bat63, Bra63, Car69, Day63, Dor69, Dra61, Eps62, Erd64, Gar65b, Gin63, Kam69, KS63, Lun68, McA63, Mei69, Mil68a, MM66, PS60, Par64b, Por63, Sim65, Sol66, Sol67, Ste64a, Thu69b, Wig69, WGZ65, YP61, ZL69].  
**Problems** [BH64, BHT69, BH62b, God66, Goo65, HL69, Kre68, Low60a, Low61, MM67, Mur67, Osb62, Osh69b, Pop60, Sha69, Thu69a, Wyn62].  
**Procedure** [BC67, For64, Mar68, Var66].  
**Procedures** [Jor68, Man67, New67a]. **Process** [Whi63]. **Processes** [BKK63, But64b, But64a, Des63, Fra63]. **Product** [Bau64, GS62, LL62a, Str61b, vH63]. **Products** [GW60, KKI67, Lor60, Mil63, OD65, OB64].
- Programming** [BKK63, Ste64a]. **Programs** [Gea69]. **Progression** [LP67a, Wag67].  
**Projection** [Lyn65d]. **Projective** [Kee65, Kil60, PK64]. **Proof** [LLMS62, SL68].  
**Propagation** [H.65, Low60b, Low60c, Low60d].  
**Properties** [BRB65, Bus69b, Dal63, Mil68b, S.64, Wun62].  
**Pseudo** [Bar62, But61, Geb67, Jag65].  
**Pseudo-Random** [Bar62, But61, Geb67, Jag65].  
**Pseudorandom** [GC68]. **Psi** [Tho65]. **Publishers** [Hou60]. **Pyramidal** [Wun62].
- QR** [Par68]. **Quadratic** [Ayo67, Coh62].  
**Quadrature** [And65, BDN69, Bur63b, Bur63c, But64b, Cas65, CJ68b, Cha68b, Cha68c, CJ68c, CCJM63, Coo68, Day63, Dur66, Fos68, Gal69, Gau68, GW69, Hab64, Hab66, Hab67b, Hab67a, Hab69, HW60, Har62b, Jag66, LLS65, LN67, Lyn69, Mic63, Mil60b, Mil60a, Mil60c, New69, Pat68b, Pin69, Rab60, Rei67, RS61, Rom64, Rot61, Sal62a, Sar68, SS69, Sha65a, SL69, SS63a, Ste68a, Str63, Str60b, Whi65, Wil69].  
**Quadratures** [BW67a, BW67b, Dav67, SBG69].  
**Quartic** [Sal60b]. **Quasi** [Bro67, Nav63].  
**Quasi-Newton** [Bro67]. **Quasi-Step** [Nav63].  
**Quasilinear** [Lee66]. **Questions** [WS66].  
**Quotients** [Bra66].
- R** [Sho60]. **Radau** [But64b]. **Radial** [OD65].  
**Radius** [BS67a, DP65]. **Radix** [MA65, Sch67].  
**Ramanujan** [Woo66]. **Random** [Bar62, But61, Fra63, Geb64, Geb67, Gre61, Jag65, KF62, Tau65, de 67]. **Randomness** [Pat62]. **Rank** [Ede66, Gol63]. **Rapid** [JJ65]. **Rate** [Wid66].  
**Rates** [Gar67, LR68]. **Ratio** [DJ67, OM68].  
**Rational** [BF66, CT67b, CT68, Cod69, FL66, FL67, Fie65, Flo60, GB68, KR68, LS65a, Sal62b, Wyn60, CT67a].  
**Rationals** [Ric64a]. **Ray** [LW63]. **Rayleigh** [Wen65]. **Reactors** [KG68]. **Real** [Coh62, DM69, Hof65, La 63, La 64, WG64, WB64].  
**Recherches** [Hou63a]. **Records** [Ber67].  
**Rectangle** [Dor69]. **Rectangular** [Fre61, Lin60, Mil60b, Mil60a, Mil60c].  
**Recurrence** [Mec68, Olv64, Tai67, Tau65].  
**Recursion** [Wim68]. **Recursive** [Ber67, Gau61].

**Reducing** [Bus69a]. **Reduction** [La 63, LNP69, MM66, NC66, Rig64, WG64].

**Region** [Hub66, Lea67]. **Regions** [Str61b, SS63b, Str66]. **Regular** [WS66]. **Related** [BS67b, Bur62b, CR68, Fle68, Har66, Nel61, SG68, SCF64, Woo66]. **Relating** [Boe61, Lin65b, Wil63].

**Relations** [HP62, LF68, SD69]. **Relationship** [Hir68]. **Relative** [Coh62, Gre67, SM63].

**Relatively** [Hag69]. **Relaxation** [Bro64, Dor69, Lyn64, Rig65]. **Remainder** [Sta63].

**Remainders** [BW67a, BW67b]. **Remark** [Eps62, Joh65, Sch63]. **Remarks** [Dor69, Sha63a, Sha62, Sol66, Yam67]. **Repeated** [Gau61, Wil64]. **Report** [WZ68]. **Representation** [LS67a, Raz65, Sch67, Wim67]. **Representations** [GV68]. **Represented** [Sha65c]. **Required** [Lyn65b]. **Residues** [BLL64, Fra64, LLMS62].

**Resolvent** [Mil68a]. **Restricted** [Har62a].

**Resulting** [LF68]. **Results** [BS67b, Bru69, SS69, SS65]. **Review** [H.65, Ham65, Hou60, Hou61, Hou63a, Hou63b, S.64, Sha65b, Sha65c, Sho60]. **Reviews** [Ano60d, Ano61d, Ano62e, Ano63e, Ano63f, Ano63g].

**Rhombic** [LT64]. **Ricatti** [Fai64]. **Riccati** [FL66].

**Richardson** [Let66]. **Riemann** [GC68, HP62, Leh66, SD65]. **Rigorous** [Var68b].

**Ritz** [Rig64, Wen65]. **Roger** [Sha65c]. **Root** [Mar68, Tha61]. **Roots** [BA62, DE62, JJ65, Lon60b]. **Rotenberg** [Sho60].

**Rotors** [Gol60]. **Round** [Des63, Low60c, Low60d, LD67, Lyn64].

**Round-Off** [Des63, Low60c, Low60d, Lyn64]. **Rule** [Lyn65d, Ste68b, Tuc67]. **Rules** [Gal69, GW69, Lyn65a, Lyn65b, Lyn65c, Lyn65d, Lyn65e, Val68].

**Runge** [Blu62, But64a, But65, Fyf66, HJ64, Kin66, Lut68, Ral62]. **Russian** [Hou60].

**Satisfying** [Cha68a]. **Scheme** [Lee66, LS67c, Yam67, LS67b]. **Schemes** [Ape68, Eis68, Gra64, Hub66, Low61, RW66, Ros64, SW69b, Wid65]. **Schmidt** [Ric66]. **Schoenberg** [Wil63]. **Schrödinger** [Coo61, Rad60]. **Search** [Gra63, Kee65]. **Second** [Bat63, Bur66, Day64, DB60, FL66, FL67, Lin69, Mec66, Osb62, Sha64c, Ste69a, Van69].

**Second-Degree** [Bur66]. **Second-Order** [Bat63, Osb62, Sha64c]. **Sections** [Spi66, Spi68].

**Segments** [DE62, Lav64a, Rea61, Sto61]. **Self** [CK68, LS66]. **Self-Adjoint** [CK68].

**Self-Adjusting** [LS66]. **Semi** [LW63].

**Semi-Infinite** [LW63]. **Senior** [Sha65b].

**Separation** [Leh66]. **Sequence** [Geb67, GC68].

**Sequences** [Bar62, Jag64, Moo66, Tra65, Wag67].

**Serial** [Gre61]. **Series** [AM61, Atk68, BK64, Chu65, CT65, Dan69b, Den69, Ell64, ES65, Ell65, Fie60, Hol69, Hum64, Lan67, Lea66, Les65, LC61, LFiCM65, Man67, Rud66, SK61, Scr69, SW63, Sha64b, Smi65, Tun66, Van69, Wre68, Wyn60]. **Set** [BS67a, DM69, Gea69, de 64]. **Sets** [BF67a, Hay65]. **Seventh** [BLL64]. **Several** [LSL64]. **Shaped** [Lea67]. **Shapiro** [HO69]. **Shell** [Mus64]. **Ship** [TS61]. **Short** [AOS67, And65, Atk68, Bar68a, BDN69, Bar66, BS67a, BH62a, Bau60, Bau64, BK62, BKK64, BI65, BI66, Ber66, Ber67, Bes64, Bes68, BK64, Boe60, Boe61, Boe62, Bow67, BF67b, BM68, BJ60, Bri63, Bro64, Bur62a, Bur62b, Bur63a, Bur63c, Bur64, Bur67, Bur66, Bus68, Bus69b, But61, Car62, Car65, Cav63, Cha68a, Cha67, CJ68a, Cha68b, CG68, Chi69, Chu65, Coc69a, Cod68, Col69, Day63, Day64, Day66, DGL66, DB60, DE62, Dor69, DKV63, DM62, Ebe64, Ede66, Eps62, Erd64, FL66, Fai69, Fet60b, Fet64, Fet67, Fis64, For64, Fra69, Fra65a, Fre61, Fro62, GB68, Gar69, Gar65b, Gar67, Geb64, Geb67, Ger64, Gla66, Gla68, Glo60, Glo62, Glo65, Goo65, Gor68, Gre60, GV68, Hab64, Hab67a, HO69, Har62a, Har66, HKW60, Hea65].

**Short** [How62, HJ64, Hum64, Hun64, Hun68, Hur62, Ise61, Ise65, JJ65, Jar66, Jen62, Joh63, Joh65, Joh68, JLB67, Kar61, KK64, Kee65, KS65, Ker69, Klo64, Kon65, Kra60, Kra61, KB64, Kra66, Kro67, La 63, La 64, LJB66, LB66, Lal67, LD68, Lal69, LRB69, LS65a, LP66, LP67b, LP67a, LP67c, Lan60, Lan67, LL62a, Lav64b, Lav64a, LF68, Lay64, Lay67, LS67a, Lea67, Led61, LS65b, Les65, LL62b, Lin65a, Lin65b, LW65, LLS65, Lon60b, Lor60, Lot62, Low66, Low60a, LFiCM65, Lun68, Lut68, Lyn65a, Mac65, Mag60, Man61, Mar68, May65, McA63, Mec68, Mel69, Mil63, Mon64, Moo67, MM66, Mus66, New63, New66, New67a, New69, New67b, Nik60, Old68, Olu65, OD65, OV61, PS60, PK64, Par64a,

Par66, Par67, Pat68a, Pat69, PG60, Por63, PRS63].

**Short**  
 [Pri65, Rab68, Rad60, Raz65, Ric66, Rie62, Rie63, Rie64, Rie69b, Rig64, Rig65, Rob65a, RS61, RR68, Rot60, Rud66, Sal60b, Sal62a, Sal62b, SL68, SO60, Sch63, Sch67, SG68, SH64, Sen64, Sha65a, Sha60a, Sha64a, Sha64b, SK67, Sha67b, Sha62, Sha63b, Sie65, SS68, SH65, Sta62, Ste64b, Ste68a, Ste68b, Str65, Str63, Tak66, Tam62, Tho65, Tho66, TM68, Tuc67, Tun66, Uch66, Var66, Ver65, Ver66a, Ver67a, Ver67b, Voi66, vZW64, vZW65, WG60, WG64, Wat62b, WMR67, Wel61, WM65, WC61, Wil68, WGZ65, WZ68, Wil67, Wit64, WKG66, Woo66, Woo67, Woo68, Wra64, Wre60, WS66, Wun62, Wun63, Yan65, Yan66, Yan69, de 67, vW69].

**Shuffling** [Geb67]. **Sieve** [CEFT62]. **Sign** [BH62b]. **Significant** [Ger64]. **Similar** [Tho66]. **Similarity** [La 63]. **Simple** [Gea69, LB61, Rei67, SS68, SS63a, Tuc67]. **Simplex** [Dur66]. **Simplexes** [Str64]. **Simplified** [TM68]. **Simulation** [Fra63]. **Simultaneous** [Bro65, DM69, Pet65]. **Single** [Coo67]. **Single-Step** [Coo67]. **Singular** [BK68, Eis68, Jam68b, KS65, Par66, Ric69, Sha63b]. **Singularities** [Voi66]. **Singularity** [Wig69]. **Six** [MTK62]. **Sixteen** [Mil60b]. **Sixth** [Lut68]. **Sixth-Order** [Lut68]. **Size** [Let66]. **Slowly** [Den69]. **Smooth** [LR68]. **Smoothing** [PD64]. **Solid** [Mel69]. **Solid-Packing** [Mel69]. **Solution** [Bat63, BK62, BKK64, Cho68b, Con67, Day63, Day64, DGL66, Dic68, Dor69, Eps62, Fai64, FL66, Fet64, God66, Goo65, Jon61, Kam69, Kat68, KM68, LS65a, LS66, Mag60, Mit61, PM62, PD61, Pet63, Pet65, Pop60, RS61, Sal60b, Scr69, Sim65, Sim67, Ste69a, Tra66, Voi66, WGZ65, vW69, von67]. **Solutions** [Asc60, BF66, Bra66, But66, GLS64, LJB66, LB66, LD68, Nas65, Pea69, PRS63, Ros60, Sha66, Thu69a, Wal69, WM65]. **Solving** [Bro65, Coo61, Day67, Fro62, HW61, Han68, HL69, Jar66, Lin69, McA65, MP63, Osb62, Sch62, Sta62]. **Some** [Bri63, BS67b, Bru69, Coh69, ES65, FG67, GB68, Gla66, Gla68, GS69, Hab64, HP62, Hub66, Ise65, Jag65, Jar66, Kan66, Lar64, Lev61, LNP69, Man67, New69, Pat68a, Rie69b, Rob65b, Sha62, Sol66, Str66, Van64, Wen65, Wim62, Woo66, Yam67, Yan66, de 64, Jor68, Wim72]. **Sorting** [BB68]. **Space** [Bro69, DKV63, GM67, GM68c, Lyn65a]. **Spaced** [Mil60b]. **Spaces** [BB68]. **Span** [Rob64]. **Sparse** [DM62]. **Special** [Bes68, Cha68a, Fos68, Kee65, Olu65]. **Spectra** [KF62, WG60]. **Spectral** [DP65]. **Speed** [CEFT62, Lev61, Mit61, TS61]. **Sphere** [BF67b, Bur66, Feu68, FG62, Gol69, McL63]. **Spheres** [Mul59, Cla62]. **Spherical** [AM61, Mus64]. **Spherically** [Lyn65a, SS63b]. **Split** [GM67]. **Square** [Gol63, GTM69, JJ65, La 63, Mil60b, NF63, Tha61, WG64]. **Squares** [Coh67a, DSS68, HL69, Klo64, OV61, Sie65, Wun63, Jor68]. **Stability** [BRB65, CK68, Cas69, Dal63, FL61, Gol69, KM68, Kre68, Low61, Osh69b, Sat66, Wid65]. **Stabilizing** [Ste65]. **Stable** [FG67, Kro67, Lar64]. **Stanislaus** [Bau60]. **Starting** [Day67, New67a, SF69]. **State** [Sol67]. **Stationary** [KF62]. **Statistical** [Gil64, Pat62]. **Statistics** [JLB67]. **Steady** [Sol67]. **Steen** [Pin69]. **Steepest** [Mei69]. **Stefan** [Sol66]. **Steiner** [Coc69b]. **Step** [Coo67, Day64, Let66, Nav63, SW69a]. **Stepwise** [Lot62]. **Stochastic** [Fra65b, Hab69]. **Stokes** [Cho68b, Cho69]. **Strategy** [Ste64a]. **Strongly** [vv66]. **Studies** [Dra61]. **Study** [Coh62, Coh67b, Den69, Pat62, SS68, WG60]. **Sturm** [BK68, Car69]. **Submerged** [WP60]. **Substitution** [Bus68, New67a]. **Subtract** [Wig69]. **Successive** [Bro64, Dor69, Gau66, HW61, Joh65, Lyn64, New67a, Rig65, Sha64a]. **Such** [Jon61]. **Sufficiency** [Dur66]. **Sum** [Coh67a, LP67b, Les65, SL68]. **Summation** [Dan69b, Den69, SK61, Ver67b]. **Summing** [Smi65]. **Sums** [Bar66, Bru69, LRB69, LP66, LPS67, Lan67, Led61, Lee69]. **Supplementary** [Sha63a]. **Surface** [Con67, OB64]. **Survey** [Coh65, Hou63b, LPS67]. **Surveys** [Str61a]. **Suspension** [Dic68]. **Sylvester** [Bar68b]. **Symbols** [Sho60]. **Symmetric** [Cha67, Com60, Gol62, HW61, Kat68, La 64, LSL64, Lyn65a, Lyn65c, Lyn65d, Lyn65e, RR69, SS63b, Str66, Str68b, WB64]. **Symmetry** [Lyn65a, Lyn65b]. **Symposium** [Gau94]. **System** [Cha68a, MA65]. **Systematic** [AOS67]. **Systems** [AZ69, BK68, Coo67, GM67, GM68a, GM68b,

GM68c, Gra64, Han68, Jon61, Kam69, Osh69a, Sch62, Yam67].

**T** [Sha65c]. **Table**

[Ano60e, Ano61e, Ano63h, Ano63i, Ano63j, BA62, Glo62, Hea65, SL61, TM68, WD61]. **Tables**

[Ano60d, Ano61d, Ano62e, Ano63e, Ano63f, Ano63g, Bau64, Bes61, CCJM63, Kir60, Lin65b, LW65, Nel61, Pin69, SCF64, Str60b, Sha65c].

**Tabulation** [EG63, Fie60]. **Tangent** [KB67].

**Taylor** [Fie60]. **Tchebycheff** [Tho65]. **Technical**

[Bur67, JLB67, LP67b, Moo67, SK67, Ver67a, AØS67, And65, Atk68, Bar68a, BDN69, Bar66, BS67a, BH62a, Bau60, Bau64, BK62, BKK64, BI65, BI66, Ber66, Ber67, Bes64, Bes68, BK64, Boe60, Boe61, Boe62, Bow67, BF67b, BM68, BJ60, Bri63, Bro64, Bur62a, Bur62b, Bur63a, Bur63c, Bur64, Bur66, Bus68, Bus69b, But61, Car62, Car65, Cav63, Cha68a, Cha67, CJ68a, Cha68b, CG68, Chi69, Chu65, Coc69a, Cod68, Col69, Day63, Day64, Day66, DGL66, DB60, DE62, Dor69, DKV63, DM62, Ebe64, Ede66, Eps62, Erd64, FL66, Fai69, Fet60b, Fet64, Fet67, Fis64, For64, Fra69, Fra65a, Fre61, Fro62, GB68, Gar69, Gar65b, Gar67, Geb64, Geb67, Ger64, Gla66, Gla68, Glo60, Glo62, Glo65, Goo65, Gor68, Gre60, GV68, Hab64, Hab67a].

**Technical** [HO69, Har62a, Har66, HKW60, Hea65, How62, HJ64, Hum64, Hun64, Hun68, Hur62, Ise61, Ise65, JJ65, Jar66, Jen62, Joh63, Joh65, Joh68, Kar61, KK64, Kee65, KS65, Ker69, Klo64, Kon65, Kra60, Kra61, KB64, Kra66, Kro67, La 63, La 64, LJB66, LB66, Lal67, LD68, Lal69, LRB69, LS65a, LP66, LP67a, LP67c, Lan60, Lan67, LL62a, Lav64b, Lav64a, LF68, Lay64, Lay67, LS67a, Lea67, Led61, LS65b, Les65, LL62b, Lin65a, Lin65b, LW65, LLS65, Lon60b, Lor60, Lot62, Low66, Low60a, LFiCM65, Lun68, Lut68, Lyn65a, Mac65, Mag60, Man61, Mar68, May65, McA63, Mec68, Mel69, Mil63, Mon64, MM66, Mus66, New63, New66, New67a, New69, New67b, Nik60, Old68, Olu65, OD65, OV61, PS60, PK64, Par64a, Par66, Par67, Pat68a, Pat69, PG60, Por63]. **Technical** [PRS63, Pri65, Rab68, Rad60, Raz65, Ric66, Rie62, Rie63, Rie64, Rie69b, Rig64, Rig65, Rob65a, RS61, RR68, Rot60, Rud66, Sal60b, Sal62a, Sal62b, SL68, SO60, Sch63, Sch67, SG68, SH64, Sen64, Sha65a,

Sha60a, Sha64a, Sha64b, Sha67b, Sha62, Sha63b, Sie65, SS68, SH65, Sta62, Ste64b, Ste68a, Ste68b, Str65, Str63, Tak66, Tam62, Tho65, Tho66, TM68, Tuc67, Tun66, Uch66, Var66, Ver65, Ver66a, Ver67b, Voi66, vZW64, vZW65, WG60, WG64, Wat62b, WMR67, Wel61, WM65, WC61, Wil68, WGZ65, WZ68, Wil67, Wit64, WKG66, Woo66, Woo67, Woo68, Wra64, Wre60, WS66, Wun62, Wun63, Yan65, Yan66, Yan69, de 67, vW69].

**Technique** [BKK63, May65, Olu65, Sim65].

**Techniques** [BF66, Cas69, Kan66, Mec68, Wyn62].

**Term** [Cas65, Sha64c, Sta63]. **Terms**

[Bur63c, Dan69b, Tho65]. **Test**

[But61, Ebe64, Gea69, Her69, KB64, Mil68b].

**Tests** [For64]. **th** [GV68, Rei69]. **their**

[Bro67, Sch67, Smi65]. **Theorem** [Bes61, Chi69, HO69, LLMS62, OV61, SS66, Ste64b, Uch66].

**Theorems** [Jag65, Jam68b]. **Theoretic** [Lal69].

**Theory** [BK62, BK64, Chu65, Erd64, Gil64, Kre68, LFiCM65, Mac65, S.64, Sar68, Sha65c, SL69, vW69].

**Third** [Boe61, Fet65, Fra65a, LS67a, Hou60].

**Thirteenth** [Pax61]. **Three**

[Bes64, Bra63, Gil64, Lee66, LW65]. **Three-Level**

[Lee66]. **Time** [Tre66]. **Todd** [Hou63b]. **Tome**

[Hou61]. **Topological** [Coh67b, Coh69]. **Toroidal**

[Rot60]. **Toronto** [Hea65]. **Transcendental**

[GH67, Rad60]. **Transfer** [Dra61]. **Transform**

[Ber66, Gau69, GA68, SL69, Ver65, WG60, Ber67, Ber68]. **Transformation** [Fet65, GS69, Par66].

**Transformations** [Bus68, Dan69b, La 63].

**Transforms** [Wim61]. **Transient**

[PWMD63, WP60]. **Translated** [Hou60].

**Transonic** [BHK68]. **Transport** [PM62].

**Transpose** [LF68]. **Transposition**

[Joh63, PS60, Wel61]. **Trapezoidal** [Tuc67].

**Treatment** [Low60a, Low60d]. **trees** [Coc69b]. **Tri**

[Bus69b, La 63]. **Tri-Diagonal** [Bus69b, La 63].

**Triangle** [Bow67, Dav64]. **Triangular**

[Cho68a, Sen64]. **Triangulation** [Kel64].

**Triangulations** [BF67b]. **Tridiagonal**

[Gar69, Gol62, Low60b, WG64]. **Trigonometric**

[BK64, Bur64, Chu65, Lew69, LFiCM65, New66].

**Trinomial** [WM65]. **Trinomials** [RR68]. **Triple**

[GS62]. **Triply** [BC67]. **Triply-Connected**

[BC67]. **Truncation** [AH64, Ell65, Ell67, Osb67].

**Tubular** [KG68]. **Tuned** [WG60]. **Turning**

[Ste69a]. **Twin** [Sha60a, Wre61]. **Twin-Prime** [Wre61]. **Two** [Bes61, Boe61, Boe62, Coh67a, DG63, Ebe64, Ell65, GM68c, Ker69, Man66, Man67, MM67, Mil60b, Mil60a, Mil60c, Pop60, PR63, RR69, Ste64a, Str60a, Swi60, Tau65, Ver66b, Ver66c, Wre68]. **Two-Dimensional** [Man66, RR69]. **Two-Parameter** [PR63]. **Two-Point** [Pop60]. **Type** [BDN69, BH65, Bes68, BH64, BHT69, Bra66, BRB65, Cha68b, Fet64, Kee65, McN64, Osh69b, Rig64, Thu69b, Whi65].

**Uhlenbeck** [S.64]. **Uncommon** [Low61]. **Unicity** [Joh68]. **Uniform** [Ste69a]. **Uniformly** [Cla62, Mul59]. **Unit** [Bur66]. **Unnormalized** [MA65]. **Unstable** [Ste65]. **Use** [Fra69, Let66, Str60b, Val68]. **Using** [Ber68, Cas65, Han68, La 63, Lay67, Led61, Lyn65e, Mil60b, Mit61, PR63, RS61, Sha65a]. **Utility** [Lon60b].

**V** [Hou60, Sha65c]. **Value** [Day63, Kre68, Osh69b, Pop60, Sim65, Thu69a, Thu69b, Yan65]. **Values** [Ape68, DJ67, GB68, HP62, HKW60, Kir60, KL68, Lin65b, LW65, Lyn69, Man67]. **Vancouver** [Gau94]. **Variable** [Let66, Str65, Sha65c]. **Variables** [Boe62, DKV63, GM67, GM68c, MTK62, Ver66b, Ver66c]. **Variate** [Fre61]. **Variation** [Del65]. **Variational** [RBM67]. **Variations** [SS66]. **Varieties** [Ste69a]. **Various** [Coh65, GV68]. **Vector** [Che64, Wyn62]. **Vectors** [DE62]. **Version** [LS67c, LS67b]. **vertices** [Coc69b]. **Very** [CEFT62]. **Villars** [Hou63a]. **Virial** [S.64]. **Viscous** [FL61]. **Voigt** [Rei67, Rei69]. **Volterra** [Day67, Lin69]. **Volumes** [LWF72].

**W** [S.64]. **Wall** [Asc60]. **Walsh** [Ric64b]. **Waring** [Ste64b]. **Wave** [Boe69, BH62b, Low60d, OD65, Pea69]. **Waves** [Mac65]. **Weakly** [Ste65]. **Weierstrass** [Lin60, LT64, Lin65a, Lin65b, SL61]. **Weight** [Mic63, Rot61]. **Weights** [Rab60, SCF64, SH65, Whi65]. **Well** [Mil68a]. **Well-Posed** [Mil68a]. **Wendroff** [GM68c, Yam67]. **Which** [Van64, Wyn60]. **whose** [Jam68b]. **Wiener**

[Fos65, KM67]. **Williamson** [BH65]. **without** [Ste69a]. **Wooten** [Sho60]. **Wrong** [KL68, Osh69a].

**xv** [Hou60]. **xvi** [Hou63b]. **xxvii** [Hou61].

**York** [Hou60].

**Zero** [Cas65, Low66]. **Zeros** [Bau64, DL67, Dor66, Ger64, KK64, LL62a, Leh66, SCF64, Spi66, Spi67, Spi68, Ste69b, Ste71, WMR67, Wil68]. **Zeta** [HP62, Leh66, Spi66, Spi68]. **Zeta-Function** [Leh66].

## References

**Amos:1969: CBD**

[AB69] D. E. Amos and W. G. Bulgren. On the computation of a bivariate  $t$ -distribution. *Mathematics of Computation*, 23(106):319–333, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Aziz:1964: BTE**

[AH64] A. K. Aziz and B. E. Hubbard. Bounds on the truncation error by finite differences for the Goursat problem. *Mathematics of Computation*, 18(85):19–35, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ahlin:1964: BGH**

[Ahl64] A. C. Ahlin. A bivariate generalization of Hermite's interpolation formula. *Mathematics of Computation*, 18(86):264–273, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Arthurs:1961: ESB**

[AM61] A. M. Arthurs and R. McCarroll. Expansion of spherical Bessel functions in a series of Chebyshev polynomials. *Mathematics of Computation*, 15(74):



159–162, April 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Amos:1969:CBN**

- [Amo69] D. E. Amos. On computation of the bivariate normal distribution. *Mathematics of Computation*, 23(107):655–659, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anderson:1965:GQF**

- [And65] Donald G. Anderson. Gaussian quadrature formulae for  $\int_0^1 -\ln(x)f(x)dx$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):477–481, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1960:Ca**

- [Ano60a] Anonymous. Corrigenda. *Mathematics of Computation*, 14(69):97, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1960:Cb**

- [Ano60b] Anonymous. Corrigenda. *Mathematics of Computation*, 14(70):222, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1960:Cc**

- [Ano60c] Anonymous. Corrigendum. *Mathematics of Computation*, 14(71):310, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1960:RDT**

- [Ano60d] Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 14(69):75–95, January 1960. CODEN MCMPAF. ISSN 0025-5718

(print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99238-3>; <http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99238-3/S0025-5718-60-99238-3.pdf>.

**Anonymous:1960:TE**

- [Ano60e] Anonymous. Table erratum. *Mathematics of Computation*, 14(69):96, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99237-1>; <http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99237-1/S0025-5718-60-99237-1.pdf>.

**Anonymous:1961:Ca**

- [Ano61a] Anonymous. Corrigenda. *Mathematics of Computation*, 15(73):113–114, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1961:Cb**

- [Ano61b] Anonymous. Corrigenda. *Mathematics of Computation*, 15(74):225, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1961:Cc**

- [Ano61c] Anonymous. Corrigenda. *Mathematics of Computation*, 15(76):436, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Anonymous:1961:RDT**

- [Ano61d] Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 15(75):299–318, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL

- <http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99215-8>; <http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99215-8/S0025-5718-61-99215-8.pdf>.
- Anonymous:1961:TE**
- [Ano61e] Anonymous. Table errata. *Mathematics of Computation*, 15(75):319–321, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99214-6>; <http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99214-6/S0025-5718-61-99214-6.pdf>.
- Anonymous:1962:Ca**
- [Ano62a] Anonymous. Corrigenda. *Mathematics of Computation*, 16(77):126, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1962:Cb**
- [Ano62b] Anonymous. Corrigenda. *Mathematics of Computation*, 16(78):262–263, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1962:Cc**
- [Ano62c] Anonymous. Corrigendum. *Mathematics of Computation*, 16(79):406, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1962:Cd**
- [Ano62d] Anonymous. Corrigendum. *Mathematics of Computation*, 16(80):513, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1962:RDT**
- [Ano62e] Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 16(78):252–260, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1962-16-078/S0025-5718-62-99201-3/home.html>.
- Anonymous:1963:Ca**
- [Ano63a] Anonymous. Corrigenda. *Mathematics of Computation*, 17(81):104, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1963:Cb**
- [Ano63b] Anonymous. Corrigenda. *Mathematics of Computation*, 17(82):215, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1963:Cc**
- [Ano63c] Anonymous. Corrigenda. *Mathematics of Computation*, 17(83):335, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1963:Cd**
- [Ano63d] Anonymous. Corrigenda. *Mathematics of Computation*, 17(84):487–488, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1963:RDTa**
- [Ano63e] Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 17(81):88–99, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781088-8>; <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781088-8/S0025-5718-1963-1781088-8.pdf>.

- [Ano63f] **Anonymous:1963:RDTb** Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 17(81):88–99, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-63-99186-5>; <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-63-99186-5/S0025-5718-63-99186-5.pdf>. [Ano63j] <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781100-6/S0025-5718-1963-1781100-6.pdf>; <https://www.ams.org/mathscinet-getitem?mr=1781100>.
- [Ano63g] **Anonymous:1963:RDTc** Anonymous. Reviews and descriptions of tables and books. *Mathematics of Computation*, 17(82):202–213, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99182-8>; <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99182-8/S0025-5718-63-99182-8.pdf>. [Ano64a] Anonymous. Table errata. *Mathematics of Computation*, 17(82):214–215, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99181-6>; <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99181-6/S0025-5718-63-99181-6.pdf>.
- [Ano63h] **Anonymous:1963:TEa** Anonymous. Table errata. *Mathematics of Computation*, 17(81):100–103, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-63-99185-3>; <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-63-99185-3/S0025-5718-63-99185-3.pdf>. [Ano64b] Anonymous. Corrigenda. *Mathematics of Computation*, 18(87):536, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano63i] **Anonymous:1963:TEb** Anonymous. Table errata. *Mathematics of Computation*, 17(81):100–103, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781100-6>; <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781100-6/S0025-5718-1963-1781100-6.pdf>; <https://www.ams.org/mathscinet-getitem?mr=1781100>. [Ano64c] Anonymous. Corrigendum. *Mathematics of Computation*, 18(86):348, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano65a] **Anonymous:1965:Ca** Anonymous. Corrigenda. *Mathematics of Computation*, 19(89):175, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Ano65b] **Anonymous:1965:Cc** Anonymous. Corrigendum. *Mathematics of Computation*, 18(88):688, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano65b] **Anonymous:1965:Cb** Anonymous. Corrigendum. *Mathematics of Computation*, 19(91):529, July 1965.

- CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano65c] Anonymous. Corrigendum. *Mathematics of Computation*, 19(92):706, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano65d] Anonymous. Errata. *Mathematics of Computation*, 19(91):527–528, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano65e] Anonymous. Errata. *Mathematics of Computation*, 19(92):705–706, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano66a] Anonymous. Corrigenda. *Mathematics of Computation*, 20(96):643, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano66b] Anonymous. Corrigendum. *Mathematics of Computation*, 20(94):344, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano66c] Anonymous. Errata. *Mathematics of Computation*, 20(95):468–471, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano67a] Anonymous. Corrigenda. *Mathematics of Computation*, 21(97):130, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano67b] Anonymous. Corrigenda. *Mathematics of Computation*, 21(98):296, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano67c] Anonymous. Corrigendum. *Mathematics of Computation*, 21(100):751, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano68a] Anonymous. Corrigenda. *Mathematics of Computation*, 22(101):246–247, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano68b] Anonymous. Corrigenda. *Mathematics of Computation*, 22(102):474, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano68c] Anonymous. Corrigenda. *Mathematics of Computation*, 22(103):699, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano68d] Anonymous. Corrigenda. *Mathematics of Computation*, 22(104):911, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano69a] Anonymous. Corrigenda. *Mathematics of Computation*, 23(105):219, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Anonymous:1965:Cc**
- Anonymous:1965:Ea**
- Anonymous:1965:Eb**
- Anonymous:1966:Cc**
- Anonymous:1966:Cb**
- Anonymous:1966:E**
- Anonymous:1967:Ca**
- Anonymous:1967:Cb**
- Anonymous:1967:Cc**
- Anonymous:1968:Ca**
- Anonymous:1968:Cb**
- Anonymous:1968:Cc**
- Anonymous:1968:Cd**
- Anonymous:1969:Ca**

- [Ano69b] **Anonymous:1969:Cb**  
 Anonymous. Corrigenda. *Mathematics of Computation*, 23(106):473, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano69c] **Anonymous:1969:Cd**  
 Anonymous. Corrigenda. *Mathematics of Computation*, 23(108):893, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ano69d] **Anonymous:1969:Cc**  
 Anonymous. Corrigendum. *Mathematics of Computation*, 23(107):693, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [AØS67] **Alanen:1967:SCA**  
 J. Alanen, Ø. Øre, and J. Stemple. Systematic computations on amicable numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):242–245, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ape68] **Apelkrans:1968:DSH**  
 Mats Y. T. Apelkrans. On difference schemes for hyperbolic equations with discontinuous initial values. *Mathematics of Computation*, 22(103):525–539, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [APR65] **Aumann:1965:MCK**  
 R. J. Aumann, B. Peleg, and P. Rabinowitz. A method for computing the kernel of  $n$ -person games. *Mathematics of Computation*, 19(92):531–551, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Asc60] **Ascher:1960:ESO**  
 Marcia Ascher. Explicit solutions of the one-dimensional heat equation for a composite wall. *Mathematics of Computation*, 14(72):346–353, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Atk68] **Atkin:1968:EGS**  
 A. O. L. Atkin. Explicit gap series at cusps of  $\Gamma(p)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):416–419, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ayo67] **Ayoub:1967:NCN**  
 Raymond G. Ayoub. A note on the class number of imaginary quadratic fields. *Mathematics of Computation*, 21(99):442–445, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [AZ69] **Abarbanel:1969:IFD**  
 S. Abarbanel and G. Zwas. An iterative finite-difference method for hyperbolic systems. *Mathematics of Computation*, 23(107):549–565, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BA62] **Bridge:1962:ETR**  
 John F. Bridge and Stanley W. Angrist. An extended table of roots of  $J'_n(x)Y'_n(\beta x) - J'_n(\beta x)Y'_n(x) = 0$ . *Mathematics of Computation*, 16(78):198–204, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar61] **Barakat:1961:EIG**  
 Richard Barakat. Evaluation of the incomplete gamma function of imaginary

- argument by Chebyshev polynomials. *Mathematics of Computation*, 15(73):7–11, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar62] V. D. Barnett. The behavior of pseudorandom sequences generated on computers by the multiplicative congruential method. *Mathematics of Computation*, 16(77):63–69, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar66] Ian Barrodale. A note on equal sums of like powers (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):318–322, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar68a] Yonathan Bard. On a numerical instability of Davidon-like methods (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):665–666, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar68b] Erwin H. Bareiss. Sylvester’s identity and multistep integer-preserving Gaussian elimination. *Mathematics of Computation*, 22(103):565–578, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar68c] Robert E. Barnhill. An error analysis for numerical multiple integration. I. *Mathematics of Computation*, 22(101):98–109, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bar68d] Robert E. Barnhill. An error analysis for numerical multiple integration. II. *Mathematics of Computation*, 22(102):286–292, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bat63] George W. Batten, Jr. Second-order correct boundary conditions for the numerical solution of the mixed boundary problem for parabolic equations. *Mathematics of Computation*, 17(84):405–413, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bau60] F. L. Bauer. The formula-controlled logical computer “Stanislaus” (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(69):64–67, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bau64] Helmut F. Bauer. Tables of zeros of cross product Bessel functions  $J'_p(\xi)Y'_p(k\xi) - J'_p(k\xi)Y'_p(\xi) = 0$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):128–135, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BB68] R. M. Baer and P. Brock. Natural sorting over permutation spaces. *Mathematics of Computation*, 22(102):385–410, April 1968. CODEN MCMPAF.

- ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BC67] **Bergman:1967:PCM** Stefan Bergman and Bruce Chalmers. A procedure for conformal mapping of triply-connected domains. *Mathematics of Computation*, 21(100):527–542, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BC69] **Blanch:1969:DPM** G. Blanch and D. S. Clemm. The double points of Mathieu’s differential equation. *Mathematics of Computation*, 23(105):97–108, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BDN69] **Barnhill:1969:NTC** R. E. Barnhill, J. E. Dennis, Jr., and G. M. Nielson. A new type of Chebyshev quadrature (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):437–441, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ber66] **Berger:1966:IDL** Bruce S. Berger. Inversion of the  $N$ -dimensional Laplace transform (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):418–421, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ber67] **Bergland:1967:FFT** G. D. Bergland. The Fast Fourier Transform recursive equations for arbitrary length records (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):236–238, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ber68] **Bergland:1968:FFT** G. D. Bergland. A Fast Fourier Transform algorithm using base 8 iterations. *Mathematics of Computation*, 22(102):275–279, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bes61] **Best:1961:TTT** Gilbert C. Best. Two theorem tables of matrix algebra. *Mathematics of Computation*, 15(73):19–22, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bes64] **Best:1964:HFI** Gilbert C. Best. Helpful formulas for integrating polynomials in three dimensions (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):310–312, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bes68] **Best:1968:PMS** Gilbert C. Best. Powers of a matrix of special type (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):667–668, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BF66] **Borosh:1966:ESL** I. Borosh and A. S. Fraenkel. Exact solutions of linear equations with rational coefficients by congruence techniques. *Mathematics of Computation*, 20(93):107–112, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Baumert:1967:CNO**

- [BF67a] L. D. Baumert and H. Fredricksen. The cyclotomic numbers of order eighteen with applications to difference sets. *Mathematics of Computation*, 21(98):204–219, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bowen:1967:GTS**

- [BF67b] Robert Bowen and Stephen Fisk. Generation of triangulations of the sphere (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):250–252, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bateman:1962:HAF**

- [BH62a] Paul T. Bateman and Roger A. Horn. A heuristic asymptotic formula concerning the distribution of prime numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(79):363–367, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Brown:1962:SWA**

- [BH62b] K. M. Brown and P. Henrici. Sign wave analysis in matrix eigenvalue problems. *Mathematics of Computation*, 16(79):291–300, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bramble:1964:NMT**

- [BH64] James H. Bramble and Bert E. Hubbard. New monotone type approximations for elliptic problems. *Mathematics of Computation*, 18(87):349–367, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Baumert:1965:HMW**

- [BH65] L. D. Baumert and Marshall Hall, Jr. Hadamard matrices of the Williamson type. *Mathematics of Computation*, 19(91):442–447, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bergman:1968:NCT**

- [BHK68] S. Bergman, J. G. Herriot, and T. G. Kurtz. On numerical calculation of transonic flow patterns. *Mathematics of Computation*, 22(101):13–27, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bramble:1969:CEE**

- [BHT69] J. H. Bramble, B. E. Hubbard, and Vidar Thomee. Convergence estimates for essentially positive type discrete Dirichlet problems. *Mathematics of Computation*, 23(108):695–709, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ben-Israel:1965:IMC**

- [BI65] Adi Ben-Israel. An iterative method for computing the generalized inverse of an arbitrary matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):452–455, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ben-Israel:1966:NIM**

- [BI66] Adi Ben-Israel. A note on an iterative method for generalized inversion of matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):439–440, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [BJ60] **Brillhart:1960:FCM**  
 John Brillhart and G. D. Johnson. On the factors of certain Mersenne numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):365–369, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BKK64] **Bellman:1964:DAA**  
 Richard Bellman, Robert Kalaba, and Bella Kotkin. Differential approximation applied to the solution of convolution equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):487–491, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BK62] **Bellman:1962:NSD**  
 R. Bellman and B. Kotkin. On the numerical solution of a differential-difference equation arising in analytic number theory (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):473–475, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BLL64] **Brillhart:1964:BPC**  
 John Brillhart, D. H. Lehmer, and Emma Lehmer. Bounds for pairs of consecutive seventh and higher power residues. *Mathematics of Computation*, 18(87):397–407, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BK64] **Boas:1964:CTT**  
 R. P. Boas, Jr. and Virginia C. Klema. A constant in the theory of trigonometric series (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):674, October 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Blu62] **Blum:1962:MRK**  
 E. K. Blum. A modification of the Runge–Kutta fourth-order method. *Mathematics of Computation*, 16(78):176–187, April 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BK68] **Banks:1968:CES**  
 D. O. Banks and G. J. Kurowski. Computation of eigenvalues of singular Sturm–Liouville systems. *Mathematics of Computation*, 22(102):304–310, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BM68] **Bratley:1968:MAN**  
 Paul Bratley and John McKay. More amicable numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):677–678, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BKK63] **Bellman:1963:PAN**  
 Richard Bellman, Robert Kalaba, and Bella Kotkin. Polynomial approximation — a new computational technique in dynamic programming: Allocation processes. *Mathematics of Computation*, 17(82):155–161, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Boe60] **Boersma:1960:CFI**  
 J. Boersma. Computation of Fresnel integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):380, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Boe61] **Boersma:1961:TFR**  
 J. Boersma. Two formulas relating to elliptic integrals of the third kind (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):296–298, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Boe62] **Boersma:1962:CLF**  
 J. Boersma. On the computation of Lommel’s functions of two variables (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):232–238, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Boe69] **Boersma:1969:ECW**  
 J. Boersma. Expansions for Coulomb wave functions. *Mathematics of Computation*, 23(105):51–59, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bow67] **Bowen:1967:GMT**  
 Robert Bowen. The generation of minimal triangle graphs (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):248–250, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BP67] **Ballester:1967:CDA**  
 C. Ballester and V. Pereyra. On the construction of discrete approximations to linear differential expressions. *Mathematics of Computation*, 21(99):297–302, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bra63] **Bramble:1963:FOF**  
 James H. Bramble. Fourth-order finite difference analogues of the Dirichlet problem for Poisson’s equation in three and four dimensions. *Mathematics of Computation*, 17(83):217–222, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bra66] **Brandt:1966:EDQ**  
 Achi Brandt. Estimates for difference quotients of solutions of Poisson type difference equations. *Mathematics of Computation*, 20(96):473–499, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BRB65] **Brown:1965:SPA**  
 Robert R. Brown, James D. Riley, and Morris M. Bennett. Stability properties of Adams–Moulton type methods. *Mathematics of Computation*, 19(89):90–96, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bri62] **Brillhart:1962:CNP**  
 John Brillhart. Concerning the numbers  $2^{2^p} + 1, p$  prime. *Mathematics of Computation*, 16(80):424–430, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bri63] **Brillhart:1963:SMF**  
 John Brillhart. Some miscellaneous factorizations (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):447–450, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bri64] **Brillhart:1964:FCM**  
 John Brillhart. On the factors of certain Mersenne numbers, II. *Mathematics*

- of Computation*, 18(85):87–92, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bro64] C. G. Broyden. On convergence criteria for the method of successive over-relaxation (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):136–141, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bro65] C. G. Broyden. A class of methods for solving nonlinear simultaneous equations. *Mathematics of Computation*, 19(92):577–593, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bro67] C. G. Broyden. Quasi-Newton methods and their application to function minimisation. *Mathematics of Computation*, 21(99):368–381, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bro69] Harold Brown. An algorithm for the determination of space groups. *Mathematics of Computation*, 23(107):499–514, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bru69] Simcha Brudno. Some new results on equal sums of like powers. *Mathematics of Computation*, 23(108):877–880, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BS67a] L. J. Bass and S. R. Schubert. On finding the disc of minimum radius containing a given set of points (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):712–714, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [BS67b] John Brillhart and J. L. Selfridge. Some factorizations of  $2^n \pm 1$  and related results. *Mathematics of Computation*, 21(97):87–96, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur62a] F. D. Burgoyne. A note on the curve fitting of discrete data by economization (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):498–499, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur62b] F. D. Burgoyne. Polynomial approximations to  $I_0(x)$ ,  $I_1(x)$  and related functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):497–498, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur63a] F. D. Burgoyne. Approximations to Kelvin functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):295–298, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Bass:1967:FDM****Broyden:1964:CCM****Brillhart:1967:SFR****Broyden:1965:CMS****Burgoyne:1962:NCF****Broyden:1967:QNM****Burgoyne:1962:PAR****Brown:1969:ADS****Burgoyne:1963:AKF****Brudno:1969:SNR**

- [Bur63b] **Burgoyne:1963:NEC**  
 F. D. Burgoyne. The non-existence of certain Laguerre–Chebyshev quadrature formulas. *Mathematics of Computation*, 17(82):196–197, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur63c] **Burgoyne:1963:QFI**  
 F. D. Burgoyne. Quadrature formulas over infinite intervals in terms of differences (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):298–301, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur64] **Burgoyne:1964:GTF**  
 F. D. Burgoyne. Generalized trigonometric functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):314–316, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur66] **Burrows:1966:MSD**  
 James W. Burrows. Maximization of a second-degree polynomial on the unit sphere (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):441–444, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur67] **Burgoyne:1967:PPA**  
 F. D. Burgoyne. Practical  $L^p$  polynomial approximation (in technical notes and short notices). *Mathematics of Computation*, 21(97):113–115, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bur68] **Burgoyne:1968:BIP**  
 F. D. Burgoyne. Bivariate interpolation of potential functions. *Mathematics of Computation*, 22(103):589–594, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bus68] **Buschman:1968:SFL**  
 R. G. Buschman. Substitution formulas for Laplace transformations (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):209–211, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bus69a] **Businger:1969:RMH**  
 P. A. Businger. Reducing a matrix to Hessenberg form. *Mathematics of Computation*, 23(108):819–821, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Bus69b] **Businger:1969:EPB**  
 Peter A. Businger. Extremal properties of balanced tri-diagonal matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):193–195, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [But61] **Butcher:1961:PTP**  
 J. C. Butcher. A partition test for pseudo-random numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(74):198–199, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [But64a] **Butcher:1964:IRK**  
 J. C. Butcher. Implicit Runge–Kutta processes. *Mathematics of Computation*, 18(85):50–64, January 1964. CODEN

- MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Butcher:1964:IPB**
- [But64b] J. C. Butcher. Integration processes based on Radau quadrature formulas. *Mathematics of Computation*, 18(86):233–244, April 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Car62]
- Butcher:1965:AOR**
- [But65] J. C. Butcher. On the attainable order of Runge–Kutta methods. *Mathematics of Computation*, 19(91):408–417, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Car65]
- Butcher:1966:CNS**
- [But66] J. C. Butcher. On the convergence of numerical solutions to ordinary differential equations. *Mathematics of Computation*, 20(93):1–10, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Car69]
- Barnhill:1967:QRMa**
- [BW67a] R. E. Barnhill and J. A. Wixom. Quadratures with remainders of minimum norm. I. *Mathematics of Computation*, 21(97):66–75, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Barnhill:1967:QRMb**
- [BW67b] R. E. Barnhill and J. A. Wixom. Quadratures with remainders of minimum norm. II. *Mathematics of Computation*, 21(99):382–387, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cadwell:1964:AIC**
- [Cad64] J. H. Cadwell. An approximation to the integral of the circular Gaussian distribution over an offset ellipse. *Mathematics of Computation*, 18(85):106–112, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Carlitz:1962:CLF**
- L. Carlitz. The coefficients of the lemniscate function (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):475–478, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Carlitz:1965:IBP**
- L. Carlitz. The irreducibility of the Bernoulli polynomial  $B_{14}(x)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):667–670, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Carasso:1969:FDM**
- Alfred Carasso. Finite-difference methods and the eigenvalue problem for non-selfadjoint Sturm–Liouville operators. *Mathematics of Computation*, 23(108):717–729, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cassity:1965:ACE**
- [Cas65] C. R. Cassity. Abscissas, coefficients, and error term for the generalized Gauss–Laguerre quadrature formula using the zero ordinate. *Mathematics of Computation*, 19(90):287–296, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Case:1969:NSP**
- [Cas69] James Case. A note on the stability of predictor-corrector techniques. *Mathematics of Computation*, 23(108):741–

- 749, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cav63] S. R. Cavior. A note on octic permutation polynomials (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):450–452, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CCJM63] P. Concus, D. Cassatt, G. Jaehrig, and E. Melby. Tables for the evaluation of  $\int_0^\infty x^\beta e^{-x} f(x) dx$  by Gauss–Laguerre quadrature. *Mathematics of Computation*, 17(83):245–256, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CEFT62] D. G. Cantor, G. Estrin, A. S. Fraenkel, and R. Turn. A very high-speed digital number sieve. *Mathematics of Computation*, 16(78):141–154, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CG68] M. S. Cheema and H. Gupta. The maxima of  $P_r(n_1, n_2)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):199–200, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CH67] W. J. Cody and K. E. Hillstrom. Chebyshev approximations for the natural logarithm of the gamma function. *Mathematics of Computation*, 21(98):198–203, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cha67] S. Charmonman. An efficient algorithm for inverting a block-symmetric matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):715–717, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cha68a] A. M. Chak. Polynomial system satisfying a special functional equation (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):673–676, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cha68b] M. M. Chawla. Error bounds for the Gauss–Chebyshev quadrature formula of the closed type (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):889–891, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cha68c] 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).
- [Che64] M. S. Cheema. Vector partitions and combinatorial identities. *Mathematics of Computation*, 18(87):414–420, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Charmonman:1967:EAI****Cavior:1963:NOP****Concus:1963:TEG****Cantor:1962:VHS****Cheema:1968:MTN****Cody:1967:CAN****Chak:1968:PSS****Chawla:1968:EBG****Chawla:1968:EEC****Cheema:1964:VPC**

- [Chi69] **Chiang:1969:CIL**  
P. S. Chiang. Computer investigation of Landau's theorem (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):185–188, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cho68a] **Cho:1968:TDC**  
Choong Yun Cho. On the triangular decomposition of Cauchy matrices. *Mathematics of Computation*, 22(104):819–825, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cho68b] **Chorin:1968:NSN**  
Alexandre Joel Chorin. Numerical solution of the Navier–Stokes equations. *Mathematics of Computation*, 22(104):745–762, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cho69] **Chorin:1969:CDA**  
Alexandre Joel Chorin. On the convergence of discrete approximations to the Navier–Stokes equations. *Mathematics of Computation*, 23(106):341–353, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Chu65] **Church:1965:CTT**  
Robert F. Church. On a constant in the theory of trigonometric series (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):501, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CJ68a] **Charmonman:1968:EIC**  
S. Charmonman and R. S. Julius. Explicit inverses and condition numbers of certain circulants (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):428–430, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CJ68b] **Chawla:1968:AAE**  
M. M. Chawla and M. K. Jain. Asymptotic error estimates for the Gauss quadrature formula. *Mathematics of Computation*, 22(101):91–97, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CJ68c] **Chawla:1968:EEG**  
M. M. Chawla and M. K. Jain. Error estimates for Gauss quadrature formulas for analytic functions. *Mathematics of Computation*, 22(101):82–90, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CK68] **Campbell:1968:SDA**  
C. M. Campbell and P. Keast. The stability of difference approximations to a self-adjoint parabolic equation, under derivative boundary conditions. *Mathematics of Computation*, 22(102):336–346, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cla62] **Clark:1962:CMM**  
G. Miller Clark. Corrections to Mervin E. Muller, *A Note on a Method for Generating Points Uniformly on N-Dimensional Spheres*. *Mathematics of Computation*, 16(78):261, 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See [Mul59].
- [Coc69a] **Cockayne:1969:CGG**  
E. J. Cockayne. Computation of Galois group elements of a polynomial equation (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):

- 425–428, April 1969. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). SUPPLEMENT on microfiche. [Cod69]
- Cockayne:1969:CML**
- [Coc69b] E. J. Cockayne. Computation of minimal length full Steiner trees on the vertices of a convex polygon. *Mathematics of Computation*, 23(107):521–531, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Coh62]
- Cody:1965:CAC**
- [Cod65a] W. J. Cody. Chebyshev approximations for the complete elliptic integrals  $K$  and  $E$ . *Mathematics of Computation*, 19(89):105–112, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See corrigenda [Cod66]. [Coh65]
- Cody:1965:CPE**
- [Cod65b] W. J. Cody. Chebyshev polynomial expansions of complete elliptic integrals. *Mathematics of Computation*, 19(90):249–259, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Coh67a]
- Cody:1966:CCA**
- [Cod66] W. J. Cody. Corrigenda: “Chebyshev approximations for the complete elliptic integrals  $K$  and  $E$ ”. *Mathematics of Computation*, 20(93):207, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See [Cod65a]. [Coh67b]
- Cody:1968:CAF**
- [Cod68] W. J. Cody. Chebyshev approximations for the Fresnel integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):450–453, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Coh69]
- Cody:1969:RCA**
- W. J. Cody. Rational Chebyshev approximations for the error function. *Mathematics of Computation*, 23(107):631–637, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cohn:1962:NSR**
- Harvey Cohn. A numerical study of the relative class numbers of real quadratic integral domains. *Mathematics of Computation*, 16(78):127–140, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cohn:1965:NSF**
- Harvey Cohn. A numerical survey of the floors of various Hilbert fundamental domains. *Mathematics of Computation*, 19(92):594–605, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cohen:1967:SST**
- Edward L. Cohen. On the sum of the squares of two consecutive integers. *Mathematics of Computation*, 21(99):460–465, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cohn:1967:NST**
- Harvey Cohn. A numerical study of topological features of certain Hilbert fundamental domains. *Mathematics of Computation*, 21(97):76–86, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cohn:1969:SCA**
- Harvey Cohn. Some computer-assisted topological models of Hilbert fundamental domains. *Mathematics of Com-*



- putation*, 23(107):475–487, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Col69] George E. Collins. Computing multiplicative inverses in  $\text{GF}(p)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):197–200, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Com60] Stig Comet. Improved methods to calculate the characters of the symmetric group. *Mathematics of Computation*, 14(70):104–117, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Con67] Paul Concus. Numerical solution of the minimal surface equation. *Mathematics of Computation*, 21(99):340–350, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Coo61] J. W. Cooley. An improved eigenvalue corrector formula for solving the Schrödinger equation for central fields. *Mathematics of Computation*, 15(76):363–374, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Coo67] G. J. Cooper. A class of single-step methods for systems of nonlinear differential equations. *Mathematics of Computation*, 21(100):597–610, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Coo68] G. J. Cooper. Interpolation and quadrature methods for ordinary differential equations. *Mathematics of Computation*, 22(101):69–76, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Cor61] Murlan S. Corrington. Applications of the complex exponential integral. *Mathematics of Computation*, 15(73):1–6, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CR68] C. Chiarella and A. Reichel. On the evaluation of integrals related to the error function. *Mathematics of Computation*, 22(101):137–143, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CT65] James W. Cooley and John W. Tukey. An algorithm for the machine calculation of complex Fourier series. *Mathematics of Computation*, 19(90):297–301, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [CT67a] W. J. Cody and Henry C. Thacher, Jr. Corrigendum: “Rational Chebyshev approximations for Fermi-Dirac integrals of orders  $-1/2$ ,  $1/2$ , and  $3/2$ ”. *Mathematics of Computation*, 21(99):525, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003289>. See [CT67b].

- Cody:1967:RCA**
- [CT67b] W. J. Cody and Henry C. Thacher, Jr. Rational Chebyshev approximations for Fermi–Dirac integrals of orders  $-\frac{1}{2}$ ,  $\frac{1}{2}$  and  $\frac{3}{2}$ . *Mathematics of Computation*, 21(97):30–40, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003468>. See also [CT67a].
- Cody:1968:RCA**
- [CT68] W. J. Cody and Henry C. Thacher, Jr. Rational Chebyshev approximations for the exponential integral  $E_1(x)$ . *Mathematics of Computation*, 22(103):641–649, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Cody:1969:CAE**
- [CT69] W. J. Cody and Henry C. Thacher, Jr. Chebyshev approximations for the exponential integral  $Ei(x)$ . *Mathematics of Computation*, 23(106):289–303, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Daly:1963:SPC**
- [Dal63] Bart J. Daly. The stability properties of a coupled pair of non-linear partial difference equations. *Mathematics of Computation*, 17(84):346–360, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Daniel:1969:AMF**
- [Dan69a] James W. Daniel. On the approximate minimization of functionals. *Mathematics of Computation*, 23(107):573–581, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Daniel:1969:SSP**
- [Dan69b] James W. Daniel. Summation of series of positive terms by condensation transformations. *Mathematics of Computation*, 23(105):91–96, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Davis:1964:TFC**
- [Dav64] Philip J. Davis. Triangle formulas in the complex plane. *Mathematics of Computation*, 18(88):569–577, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Davis:1967:CNA**
- [Dav67] Philip J. Davis. A construction of nonnegative approximate quadratures. *Mathematics of Computation*, 21(100):578–582, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Day:1963:GQM**
- [Day63] J. T. Day. A Gaussian quadrature method for the numerical solution of the characteristic initial value problem  $u_{xy} = f(x, y, u)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):438–441, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Day:1964:OSM**
- [Day64] J. T. Day. A one-step method for the numerical solution of second order linear ordinary differential equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):664–668, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Day:1966:NBA**

- [Day66] J. T. Day. A note on best approximation in  $E^n$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):599–600, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Day:1967:SMS**

- [Day67] J. T. Day. A starting method for solving nonlinear Volterra integral equations. *Mathematics of Computation*, 21(98):179–188, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Dempsey:1960:NAE**

- [DB60] E. Dempsey and G. C. Benson. Note on the asymptotic expansion of the modified Bessel function of the second kind (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):362–365, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**deBruijn:1964:SDD**

- [de 64] N. G. de Bruijn. Some direct decompositions of the set of integers. *Mathematics of Computation*, 18(88):537–546, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**deBalbine:1967:NRP**

- [de 67] Guy de Balbine. Note on random permutations (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):710–712, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Denman:1962:NLR**

- [DE62] H. H. Denman and R. C. W. Ettinger. Note on latent roots and vectors of segments of the Hilbert matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(79):370–371, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Delves:1965:VPA**

- [Del65] L. M. Delves. Variation principles for an arbitrary operator. III. *Mathematics of Computation*, 19(91):380–386, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Delves:1966:ED**

- [Del66] L. M. Delves. Exponential differences. *Mathematics of Computation*, 20(94):246–256, April 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Denman:1966:MPA**

- [Den66] Harry H. Denman. Minimax polynomial approximation. *Mathematics of Computation*, 20(94):257–265, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Den:1969:SSC**

- [Den69] Chi Fu Den. Summation of a slowly convergent series arising in antenna study. *Mathematics of Computation*, 23(107):651–654, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Descloux:1963:NRE**

- [Des63] J. Descloux. Note on the round-off errors in iterative processes. *Mathematics of Computation*, 17(81):18–27, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [dF66] **deBalbine:1966:CFI** Guy de Balbine and Joel N. Franklin. The calculation of Fourier integrals. *Mathematics of Computation*, 20(96):570–589, October 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DG63] **Douglas:1963:THO** Jim Douglas, Jr. and James E. Gunn. Two high-order correct difference analogues for the equation of multidimensional heat flow. *Mathematics of Computation*, 17(81):71–80, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DGL66] **Decell:1966:CNS** H. P. Decell, Jr., L. F. Guseman, Jr., and R. N. Lea. Concerning the numerical solution of differential equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):431–434, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Dic68] **Dickey:1968:IMN** R. W. Dickey. An improved method for the numerical solution of the suspension bridge deflection equations. *Mathematics of Computation*, 22(102):298–303, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DJ61] **DiDonato:1961:IGB** A. R. DiDonato and M. P. Jarnagin. Integration of the general bivariate Gaussian distribution over an offset circle. *Mathematics of Computation*, 15(76):375–382, October 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DJ62] **DiDonato:1962:MCC** A. R. DiDonato and M. P. Jarnagin. A method for computing the circular coverage function. *Mathematics of Computation*, 16(79):347–355, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DJ67] **DiDonato:1967:ECI** A. R. DiDonato and M. P. Jarnagin. The efficient calculation of the incomplete beta-function ratio for half-integer values of the parameters  $a, b$ . *Mathematics of Computation*, 21(100):652–662, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DKV63] **Douglas:1963:ADI** J. Douglas, Jr., R. B. Kellogg, and R. S. Varga. Alternating direction iteration methods for  $n$  space variables (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):279–282, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DL67] **Delves:1967:NML** L. M. Delves and J. N. Lyness. A numerical method for locating the zeros of an analytic function. *Mathematics of Computation*, 21(100):543–560, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DM62] **Dulmage:1962:ISM** A. L. Dulmage and N. S. Mendelsohn. On the inversion of sparse matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):494–496, October 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [DM69] **Diaz:1969:SAS**  
J. B. Diaz and H. W. McLaughlin. Simultaneous approximation of a set of bounded real functions. *Mathematics of Computation*, 23(107):583–593, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Dor66] **Doring:1966:CZC**  
Boro Doring. Complex zeros of cylinder functions. *Mathematics of Computation*, 20(94):215–222, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Dor69] **Dorr:1969:RIS**  
Fred W. Dorr. Remarks on the iterative solution of the Neumann problem on a rectangle by successive line over-relaxation (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):177–179, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DP65] **Derzko:1965:BSR**  
N. A. Derzko and A. M. Pfeffer. Bounds for the spectral radius of a matrix. *Mathematics of Computation*, 19(89):62–67, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Dra61] **Dranoff:1961:EPA**  
J. S. Dranoff. An eigenvalue problem arising in mass and heat transfer studies. *Mathematics of Computation*, 15(76):403–409, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [DSS68] **Dahlquist:1968:CMA**  
G. Dahlquist, B. Sjöberg, and P. Svensson. Comparison of the method of averages with the method of least squares. *Mathematics of Computation*, 22(104):833–845, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Dur66] **Duris:1966:SSC**  
C. S. Duris. A simplex sufficiency condition for quadrature formulas. *Mathematics of Computation*, 20(93):68–78, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ebe64] **Eberlein:1964:TPT**  
P. J. Eberlein. A two parameter test matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):296–298, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ede66] **Edelblute:1966:MIR**  
David J. Edelblute. Matrix inversion by rank annihilation (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):149–151, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [EG63] **Erber:1963:TF**  
Thomas Erber and Alan Gordon. Tabulation of the functions  $\frac{\partial i_\nu(z)}{\partial \nu}$ ,  $\nu = \pm \frac{1}{3}$ . *Mathematics of Computation*, 17(82):162–169, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ehr67] **Ehrman:1967:NPD**  
John R. Ehrman. The number of prime divisors of certain Mersenne numbers. *Mathematics of Computation*, 21(100):700–704, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Eisen:1968:CCD**

- [Eis68] Dennis Eisen. Consistency conditions for difference schemes with singular coefficients. *Mathematics of Computation*, 22(102):347–351, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Elliott:1964:EEC**

- [Ell64] David Elliott. The evaluation and estimation of the coefficients in the Chebyshev series expansion of a function. *Mathematics of Computation*, 18(86):274–284, April 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Elliott:1965:TET**

- [Ell65] David Elliott. Truncation errors in two Chebyshev series approximations. *Mathematics of Computation*, 19(90):234–248, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Elliott:1967:TEP**

- [Ell67] David Elliott. Truncation errors in Padé approximations to certain functions: An alternative approach. *Mathematics of Computation*, 21(99):398–406, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Epstein:1962:RCS**

- [Eps62] Bernard Epstein. A remark concerning the solution of the Dirichlet problem by finite differences (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(77):110–112, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Erdos:1964:PEN**

- [Erd64] P. Erdős. On a problem in elementary number theory and a combinatorial problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):644–646, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Elliott:1965:SEC**

- [ES65] David Elliott and George Szekeres. Some estimates of the coefficients in the Chebyshev series expansion of a function. *Mathematics of Computation*, 19(89):25–32, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Fair:1964:PAS**

- [Fai64] Wyman Fair. Padé approximation to the solution of the Ricatti equation. *Mathematics of Computation*, 18(88):627–634, October 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Fairweather:1969:NGM**

- [Fai69] Graeme Fairweather. A note on a generalisation of a method of Douglas (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):407–409, April 1969. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Fettis:1967:EEH**

- [FC67] Henry E. Fettis and James C. Caslin. Eigenvalues and eigenvectors of Hilbert matrices of order 3 through 10. *Mathematics of Computation*, 21(99):431–441, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Fet60a] Fettis:1960:N H. E. Fettis. Note on  $\int_0^\infty e^{-x} J_0\left(\frac{\eta x}{\epsilon}\right) J_1\left(\frac{x}{\epsilon}\right) dx$  Feuchter:1968:NIS  
*Mathematics of Computation*, 14(72):372–374, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fet60b] Fettis:1960:NTN Henry E. Fettis. Note on  $\int_0^\infty e^{-x} J_0\left(\frac{\eta x}{\epsilon}\right) J_1\left(\frac{x}{\epsilon}\right) x^{-n} dx$  Fraser:1962:CNL  
 (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):372–374, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fet64] Fettis:1964:NSE FG67 Henry E. Fettis. On the numerical solution of equations of the Abel type (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):491–496, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fet65] Fettis:1965:CEI Fie60 Henry E. Fettis. Calculation of elliptic integrals of the third kind by means of Gauss' transformation. *Mathematics of Computation*, 19(89):97–104, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fet67] Fettis:1967:MCI Fie65 Henry E. Fettis. More on the calculation of the integral  $I_n(b) = \frac{2}{\pi} \int_0^\infty \left(\frac{\sin x}{x}\right)^n \cos bxdx$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):727–730, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Fraser:1962:CNL W. Fraser and C. C. Gotlieb. A calculation of the number of lattice points in the circle and sphere. *Mathematics of Computation*, 16(79):282–290, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Fairweather:1967:SSD G. Fairweather and A. R. Gourlay. Some stable difference approximations to a fourth-order parabolic partial differential equation. *Mathematics of Computation*, 21(97):1–11, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Fielder:1960:TCO Daniel C. Fielder. Tabulation of coefficients for operations on Taylor series. *Mathematics of Computation*, 14(72):339–345, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Fields:1965:RAG Jerry L. Fields. Rational approximations to generalized hypergeometric functions. *Mathematics of Computation*, 19(92):606–624, October 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Fields:1967:CE Fie67 Jerry L. Fields. Confluent expansions. *Mathematics of Computation*, 21(98):

- 189–197, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fis64] **Fisher:1964:MET**  
Donald D. Fisher. Minimum ellipsoids (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):669–673, October 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [FL61] **Filler:1961:SAI**  
L. Filler and H. F. Ludloff. Stability analysis and integration of the viscous equations of motion. *Mathematics of Computation*, 15(75):261–274, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [FL66] **Fair:1966:RAS**  
Wyman Fair and Yudell L. Luke. Rational approximations to the solution of the second order Riccati equation (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):602–606, October 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [FL67] **Fair:1967:RAI**  
Wyman G. Fair and Yudell L. Luke. Rational approximations to the incomplete elliptic integrals of the first and second kinds. *Mathematics of Computation*, 21(99):418–422, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fla68] **Flammer:1968:A**  
Carson Flammer. Addendum. *Mathematics of Computation*, 22(101):249, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fle68] **Fleckner:1968:MCF**  
Oscar L. Fleckner. A method for the computation of the Fresnel integrals and related functions. *Mathematics of Computation*, 22(103):635–640, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Flo60] **Floyd:1960:NRA**  
Robert W. Floyd. A note on rational approximation. *Mathematics of Computation*, 14(69):72–73, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [For64] **Forsythe:1964:TPA**  
George E. Forsythe. Tests of Parlett’s ALGOL eigenvalue procedure *eig3* (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):486–487, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fos65] **Fosdick:1965:ACW**  
Lloyd D. Fosdick. Approximation of a class of Wiener integrals. *Mathematics of Computation*, 19(90):225–233, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fos68] **Fosdick:1968:SCF**  
Lloyd D. Fosdick. A special case of the Filon quadrature formula. *Mathematics of Computation*, 22(101):77–81, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fra63] **Franklin:1963:DSR**  
Joel N. Franklin. Deterministic simulation of random processes. *Mathematics of Computation*, 17(81):28–59, January 1963. CODEN MCMPAF.



- ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003733>.
- [Fra64] Joel N. Franklin. Equidistribution of matrix-power residues modulo one. *Mathematics of Computation*, 18(88):560–568, October 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fra65a] Charles H. Franke. Numerical evaluation of the elliptic integral of the third kind (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):494–496, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fra65b] Joel N. Franklin. Difference methods for stochastic ordinary differential equations. *Mathematics of Computation*, 19(92):552–561, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fra69] Evelyn Frank. Computer use in continued fraction expansions (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):429–435, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fre61] Ferdinand Freudenstein. Bi-variate, rectangular, optimum-interval interpolation (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):288–291, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fro62] Charlotte Froese. On solving  $y'' = fy + g$  with a boundary condition at infinity (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):492–494, October 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [FW61] Jerry L. Fields and Jet Wimp. Expansions of hypergeometric functions in hypergeometric functions. *Mathematics of Computation*, 15(76):390–395, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Fyf66] David J. Fyfe. Economical evaluation of Runge–Kutta formulae. *Mathematics of Computation*, 20(95):392–398, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GA68] H. L. Gray and T. A. Atchison. The generalized  $G$ -transform. *Mathematics of Computation*, 22(103):595–605, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gal69] David Galant. Gauss quadrature rules for the evaluation of  $2\pi^{-1/2} \int_0^\infty \exp(-x^2)f(x)dx$ . *Mathematics of Computation*, 23(107):674, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gar65a] John Gary. Computing eigenvalues of ordinary differential equations by finite differences. *Mathematics of Computation*, 19(91):365–379, July 1965. CODEN

**Froese:1962:SBC****Franklin:1964:EMP****Fields:1961:EHF****Franke:1965:NEE****Fyfe:1966:EER****Franklin:1965:DMS****Gray:1968:GT****Frank:1969:CUC****Galant:1969:GQR****Freudenstein:1961:BVR****Gary:1965:CEO**

- MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gar65b] John Gary. Hyman's method applied to the general eigenvalue problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):314–316, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gar67] John Gary. On convergence rates for line overrelaxation (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):220–223, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gar69] I. Gargantini. On the computation of the eigenvalues of a tridiagonal matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):403–405, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gau61] Walter Gautschi. Recursive computation of the repeated integrals of the error function. *Mathematics of Computation*, 15(75):227–232, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gau66] Walter Gautschi. Computation of successive derivatives of  $f(z)/z$ . *Mathematics of Computation*, 20(94):209–214, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gau68] Walter Gautschi. Construction of Gauss–Christoffel quadrature formulas. *Mathematics of Computation*, 22(102):251–270, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gau69] Walter Gautschi. On the condition of a matrix arising in the numerical inversion of the Laplace transform. *Mathematics of Computation*, 23(105):109–118, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gau94] Walter Gautschi, editor. *Mathematics of computation, 1943–1993: a half-century of computational mathematics: Mathematics of Computation 50th Anniversary Symposium, August 9–13, 1993, Vancouver, British Columbia*, volume 48 of *Proceedings of Symposia in Applied Mathematics*. American Mathematical Society, Providence, RI, USA, 1994. ISBN 0-8218-0291-7, 0-8218-0353-0 (pt. 1), 0-8218-0354-9 (pt. 2). ISSN 0160-7634. LCCN QA1 .A56 v.48 1994. See also SIAM Review, Sep 1995, v37, n3, p. 483.
- [GB68] D. C. Galant and P. F. Byrd. High accuracy gamma function values for some rational arguments (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):885–887, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GC68] I. J. Good and R. F. Churchhouse. The Riemann hypothesis and pseudorandom

- features of the Möbius sequence. *Mathematics of Computation*, 22(104):857–861, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gea67] C. W. Gear. The numerical integration of ordinary differential equations. *Mathematics of Computation*, 21(98):146–156, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gea69] C. W. Gear. A simple set of test matrices for eigenvalue programs. *Mathematics of Computation*, 23(105):119–125, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Geb64] Friedrich Gebhardt. Generating normally distributed random numbers by inverting the normal distribution function (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):302–306, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Geb67] Friedrich Gebhardt. Generating pseudo-random numbers by shuffling a Fibonacci sequence (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):708–709, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ger64] Henry Gerber. First one hundred zeros of  $J_0(x)$  accurate to 19 significant figures (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):319–322, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GH67] I. Gargantini and P. Henrici. A continued fraction algorithm for the computation of higher transcendental functions in the complex plane. *Mathematics of Computation*, 21(97):18–29, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gil64] Donald B. Gillies. Three new Mersenne primes and a statistical theory. *Mathematics of Computation*, 18(85):93–97, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gin63] F. Ginsberg. On the Cauchy problem for the one-dimensional heat equation. *Mathematics of Computation*, 17(83):257–269, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gla66] M. L. Glasser. Evaluation of some integrals involving the  $\psi$ -function (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):332–333, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gla68] M. L. Glasser. Some integrals of the arc-tangent function (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):445–447, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Glo60] **Gloden:1960:NFT**  
 A. Gloden. A note on factors of  $n^4 + 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):278–279, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Glo62] **Gloden:1962:ACF**  
 A. Gloden. Additions to Cunningham’s factor table of  $n^4 + 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):239–241, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Glo65] **Gloden:1965:NPF**  
 A Gloden. New primes of the form  $n^4 + 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):144–145, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GLS64] **Gardiner:1964:SDE**  
 V. L. Gardiner, R. B. Lazarus, and P. R. Stein. Solutions of the Diophantine equation  $x^3 + y^3 = z^3 - d$ . *Mathematics of Computation*, 18(87):408–413, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GM67] **Gourlay:1967:SOM**  
 A. R. Gourlay and A. R. Mitchell. Split operator methods for hyperbolic systems in  $p$  space variables. *Mathematics of Computation*, 21(99):351–354, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GM68a] **Gourlay:1968:FDMA**  
 A. R. Gourlay and J. Ll. Morris. Finite-difference methods for nonlinear hyperbolic systems. *Mathematics of Computation*, 22(101):28–39, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GM68b] **Gourlay:1968:FDMb**  
 A. R. Gourlay and J. Ll. Morris. Finite-difference methods for nonlinear hyperbolic systems. II. *Mathematics of Computation*, 22(103):549–556, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GM68c] **Gourlay:1968:MFO**  
 A. R. Gourlay and J. Ll. Morris. A multistep formulation of the optimized Lax–Wendroff method for nonlinear hyperbolic systems in two space variables. *Mathematics of Computation*, 22(104):715–719, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [God66] **Godart:1966:IMS**  
 M. Godart. An iterative method for the solution of eigenvalue problems. *Mathematics of Computation*, 20(95):399–406, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gol60] **Goldberg:1960:RPP**  
 Michael Goldberg. Rotors in polygons and polyhedra. *Mathematics of Computation*, 14(71):229–239, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gol62] **Golub:1962:BET**  
 Gene H. Golub. Bounds for eigenvalues of tridiagonal symmetric matrices computed by the LR method. *Mathematics of Computation*, 16(80):438–445, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Gol63] **Golub:1963:LBR**  
Gene H. Golub. On a lower bound for the rank of a partitioned square matrix. *Mathematics of Computation*, 17(82):186–188, April 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gol69] **Goldberg:1969:SCE**  
Michael Goldberg. Stability configurations of electrons on a sphere. *Mathematics of Computation*, 23(108):785–786, October 1969. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Goo65] **Goodman:1965:NSE**  
Theodore R. Goodman. The numerical solution of eigenvalue problems (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):462–466, July 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gor68] **Gordon:1968:NMP**  
Paul Gordon. A note on a maximum principle for the DuFort–Frankel difference equation (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):437–439, April 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gra63] **Grace:1963:SLP**  
Donald W. Grace. Search for largest polyhedra. *Mathematics of Computation*, 17(82):197–199, April 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gra64] **Gray:1964:CFD**  
John Gray. On certain finite difference schemes for hyperbolic systems. *Mathematics of Computation*, 18(85):1–18, January 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gre60] **Greenberg:1960:ECP**  
Irwin Greenberg. The evaluation of certain probability integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):376–378, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Gre61] **Greenberger:1961:PDS**  
Martin Greenberger. An a priori determination of serial correlation in computer generated random numbers. *Mathematics of Computation*, 15(76):383–389, October 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See also corrigenda, *Math. Comp.* **16** (1962), p. 126.
- [Gre67] **Greenstadt:1967:REG**  
John Greenstadt. On the relative efficiencies of gradient methods. *Mathematics of Computation*, 21(99):360–367, July 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GS62] **Gillis:1962:TPI**  
J. Gillis and M. Shimshoni. Triple product integrals of Laguerre functions. *Mathematics of Computation*, 16(77):50–62, January 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GS69] **Gray:1969:SLC**  
H. L. Gray and W. R. Schucany. Some limiting cases of the  $G$ -transformation. *Mathematics of Computation*, 23(108):

- 849–859, October 1969. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GTM69] **Gray:1969:NAC** H. L. Gray, R. W. Thompson, and G. V. McWilliams. A new approximation for the chi-square integral. *Mathematics of Computation*, 23(105):85–89, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GV68] **Gross:1968:DFV** W. Gross and R. Vacca. Distribution of the figures 0 and 1 in the various orders of binary representations of  $k$ th powers of integers (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):423–427, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GW60] **Gillis:1960:PLP** Joseph Gillis and George Weiss. Products of Laguerre polynomials. *Mathematics of Computation*, 14(69):60–63, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [GW69] **Golub:1969:CGQ** Gene H. Golub and John H. Welsch. Calculation of Gauss quadrature rules. *Mathematics of Computation*, 23(106):221–230, April 1969. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). Loose microfiche suppl A1–A10.
- [H.65] **H:1965:EPD** A. S. H. Book review: *Error Propagation for Difference Methods*, by Peter Henrici. *Mathematics of Computation*, 19(89):152, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.jstor.org/stable/2004119>.
- [Hab64] **Haber:1964:NSQ** Seymour Haber. A note on some quadrature formulas for the interval  $(-\infty, \infty)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):313–314, April 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hab66] **Haber:1966:MMC** Seymour Haber. A modified Monte-Carlo quadrature. *Mathematics of Computation*, 20(95):361–368, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hab67a] **Haber:1967:MQF** Seymour Haber. Midpoint quadrature formulas (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):719–721, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hab67b] **Haber:1967:MMC** Seymour Haber. A modified Monte-Carlo quadrature. II. *Mathematics of Computation*, 21(99):388–397, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hab69] **Haber:1969:SQF** Seymour Haber. Stochastic quadrature formulas. *Mathematics of Computation*, 23(108):751–764, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hag69] **Hagis:1969:RPO** Peter Hagis, Jr. On relatively prime odd amicable numbers. *Mathematics*

- of Computation*, 23(107):539–543, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Has61]
- Hamming:1965:ENA**
- [Ham65] R. W. Hamming. Book review: *Elements of Numerical Analysis*, by Peter Henrici. *Mathematics of Computation*, 19(91):516–517, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.jstor.org/stable/2003710>. [Hay65]
- Hansen:1968:SSE**
- [Han68] Eldon R. Hansen. On solving systems of equations using interval arithmetic. *Mathematics of Computation*, 22(102):374–384, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hea65]
- Harary:1962:PRP**
- [Har62a] Frank Harary. Permutations with restricted position (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):222–226, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Her69]
- Harper:1962:QFI**
- [Har62b] W. M. Harper. Quadrature formulas for infinite integrals. *Mathematics of Computation*, 16(78):170–175, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hir68]
- Hart:1966:CAR**
- [Har66] Roger G. Hart. A close approximation related to the error function (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):600–602, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [HJ64]
- Haselgrove:1961:MNI**
- C. B. Haselgrove. A method for numerical integration. *Mathematics of Computation*, 15(76):323–337, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hayashi:1965:CID]
- Harry S. Hayashi. Computer investigation of difference sets. *Mathematics of Computation*, 19(89):73–78, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Heatley:1965:ETT]
- A. H. Heatley. An extension of the table of the Toronto function (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):118–123, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Herbold:1969:GCT]
- Robert J. Herbold. A generalization of a class of test matrices. *Mathematics of Computation*, 23(108):823–826, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hirsch:1968:EOP]
- P. M. Hirsch. Evaluation of orthogonal polynomials and relationship to evaluating multiple integrals. *Mathematics of Computation*, 22(102):280–285, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hull:1964:ORK]
- T. E. Hull and R. L. Johnston. Optimum Runge–Kutta methods (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):306–310, April 1964. CODEN MCMPAF.

- ISSN 0025-5718 (print), 1088-6842 (electronic).
- [HK68] L. A. Hageman and R. B. Kellogg. Estimating optimum overrelaxation parameters. *Mathematics of Computation*, 22(101):60–68, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Harumi:1960:VTN] Kasaburo Harumi, Shigetoshi Katsura, and John W. Wrench, Jr. Values of  $\frac{2}{\pi} \int_0^\infty \left(\frac{\sin t}{t}\right)^n dt$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):379, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [HL69] Richard J. Hanson and Charles L. Lawson. Extensions and applications of the Householder algorithm for solving linear least squares problems. *Mathematics of Computation*, 23(108):787–812, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [HO69] Seymour Haber and Charles F. Osgood. On a theorem of Piatesky-Shapiro and approximation of multiple integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):165–168, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Hof65] A. J. Hoffman. On the nonsingularity of real matrices. *Mathematics of Computation*, 19(89):56–61, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [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).
- [Householder:1960:BRV] A. S. Householder. Book review: L. V. Kantorovich & V. I. Krylov, *Approximate Methods of Higher Analysis*, Translated from the third Russian edition by Curtis D. Benster, Interscience Publishers, Inc., New York, 1958, xv + 681 p., 24 cm. Price \$17.00. *Mathematics of Computation*, 14(69):90–91, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99238-3>; [http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99238-3.pdf](http://www.ams.org/journals/mcom/1960-14-069/S0025-5718-60-99238-3/S0025-5718-60-99238-3.pdf).
- [Householder:1961:BRK] A. S. Householder. Book review: A. Korganoff, with the collaboration of L. Bossett, J. L. Groboillot & J. Johnson, *Méthodes de Calcul Numérique, Tome I: Algèbre non linéaire*, Dunod, Paris, 1961, xxvii + 375 p., 25 cm. Price 58 NF. *Mathematics of Computation*, 15(75):312–313, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99215-8>; [http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99215-8.pdf](http://www.ams.org/journals/mcom/1961-15-075/S0025-5718-61-99215-8/S0025-5718-61-99215-8.pdf).



- [Hou63a] **Householder:1963:BRCa**  
 A. S. Householder. Book review: Centre Belge de Recherches Mathématiques, *Colloque sur l'Analyse Numérique*, Gauthier-Villars, Paris, 1961, 214 p., 25 cm. *Mathematics of Computation*, 17(82):209–210, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99182-8>; <http://www.ams.org/journals/mcom/1963-17-082/S0025-5718-63-99182-8/S0025-5718-63-99182-8.pdf>. [Hub66]
- [Hou63b] **Householder:1963:BRJ**  
 A. S. Householder. Book review: John Todd, Editor, *A Survey of Numerical Analysis*, McGraw-Hill Book Co., 1962, 23.5 cm., xvi + 589 p. Price \$12.50. *Mathematics of Computation*, 17(81):89, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781088-8>; <http://www.ams.org/journals/mcom/1963-17-081/S0025-5718-1963-1781088-8/S0025-5718-1963-1781088-8.pdf>. [Hum64]
- [How62] **Howell:1962:GPA**  
 John R. Howell. Generation of permutations by addition (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):243–244, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hun68]
- [HP62] **Hansen:1962:SRV**  
 Eldon R. Hansen and Merrell L. Patrick. Some relations and values for the generalized Riemann zeta function. *Mathematics of Computation*, 16(79):265–274, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hubbard:1966:SLO]
- Bert Hubbard. Some locally one-dimensional difference schemes for parabolic equations in an arbitrary region. *Mathematics of Computation*, 20(93):53–59, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hummer:1964:EDF]
- David G. Hummer. Expansions of Dawson's function in a series of Chebyshev polynomials (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):317–319, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hunter:1964:CCB]
- D. B. Hunter. The calculation of certain Bessel functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):123–128, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hunter:1968:ECF]
- D. B. Hunter. The evaluation of a class of functions defined by an integral (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):440–444, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [Hurwitz:1962:NMP]
- Alexander Hurwitz. New Mersenne primes (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):249–251, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [HW60] **Hammer:1960:QFI**  
 Preston C. Hammer and Howard H. Wicke. Quadrature formulas involving derivatives of the integrand. *Mathematics of Computation*, 14(69):3–7, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [HW61] **Habetler:1961:SSO**  
 G. J. Habetler and E. L. Wachspres. Symmetric successive overrelaxation in solving diffusion difference equations. *Mathematics of Computation*, 15(76):356–362, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ise60] **Isemanger:1960:CF**  
 K. R. Isemanger. The complete factorization of  $2^{132} + 1$ . *Mathematics of Computation*, 14(69):73–74, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ise61] **Isemonger:1961:CFT**  
 K. R. Isemonger. Complete factorization of  $2^{159} - 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):295–296, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ise65] **Isemonger:1965:SAF**  
 K. R. Isemonger. Some additional factorizations of  $2^n \pm 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):145–146, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jag64] **Jagerman:1964:AJD**  
 David L. Jagerman. The autocorrelation and joint distribution functions of the sequences  $\left\{\frac{a}{m}j^2\right\}, \left\{\frac{a}{m}(j + \tau)^2\right\}$ . *Mathematics of Computation*, 18(86):211–232, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jag65] **Jagerman:1965:STC**  
 D. L. Jagerman. Some theorems concerning pseudo-random numbers. *Mathematics of Computation*, 19(91):418–426, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jag66] **Jagerman:1966:IMM**  
 D. Jagerman. Investigation of a modified mid-point quadrature formula. *Mathematics of Computation*, 20(93):79–89, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jam68a] **Jamet:1968:FDM**  
 Pierre Jamet. Finite difference methods for the computation of the “Poisson kernel” of elliptic operators. *Mathematics of Computation*, 22(103):477–488, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jam68b] **Jamet:1968:NME**  
 Pierre Jamet. Numerical methods and existence theorems for parabolic differential equations whose coefficients are singular on the boundary. *Mathematics of Computation*, 22(104):721–743, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jar66] **Jarratt:1966:SFO**  
 P. Jarratt. Some fourth order multipoint iterative methods for solving equations (in Technical Notes and Short Papers).

- Mathematics of Computation*, 20(95): 434–437, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [JC69] Rodney James and John Cannon. Computation of isomorphism classes of  $p$ -groups. *Mathematics of Computation*, 23(105):135–140, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jen62] R. I. Jennrich. Missing data correlation computations (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):496–497, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [JJ65] Wendy James and P. Jarratt. The generation of square roots on a computer with rapid multiplication compared with division (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):497–500, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [JLB67] M. F. Jones, M. Lal, and W. J. Blundon. Statistics on certain large primes (in technical notes and short notices). *Mathematics of Computation*, 21(97):103–107, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Joh63] Selmer M. Johnson. Generation of permutations by adjacent transposition (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83): 282–285, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Joh65] Selmer M. Johnson. An elementary remark on maximal gaps between successive primes (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):675–676, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Joh68] Lee Johnson. Unicity in approximation of a function and its derivatives (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):873–875, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jon61] J. G. Jones. On the numerical solution of convolution integral equations and systems of such equations. *Mathematics of Computation*, 15(74):131–142, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Jor68] T. L. Jordan. Experiments on error growth associated with some linear least-squares procedures. *Mathematics of Computation*, 22(103):579–588, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kah69] S. W. Kahng. Osculatory interpolation. *Mathematics of Computation*, 23(107): 621–629, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**James:1969:CIC****Johnson:1965:ERM****Jennrich:1962:MDC****Johnson:1968:UAF****James:1965:GSR****Jones:1961:NSC****Jones:1967:SCL****Jordan:1968:EEG****Johnson:1963:GPA****Kahng:1969:OI**

- [Kam61] **Kammerer:1961:PAF**  
William J. Kammerer. Polynomial approximations to finitely oscillating functions. *Mathematics of Computation*, 15(74):115–119, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kam69] **Kammler:1969:NSD**  
David W. Kammler. Numerical solution of the Dirichlet problem for systems of circular conductors between parallel ground lines. *Mathematics of Computation*, 23(105):29–36, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kan66] **Kaniel:1966:ESC**  
Shmuel Kaniel. Estimates for some computational techniques in linear algebra. *Mathematics of Computation*, 20(95):369–378, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kar61] **Karst:1961:NFM**  
Edgar Karst. New factors of Mersenne numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(73):51, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kat68] **Katsanis:1968:NSS**  
Theodore Katsanis. Numerical solution of symmetric positive differential equations. *Mathematics of Computation*, 22(104):763–783, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KB64] **Kravitz:1964:LTM**  
Sidney Kravitz and Murray Berg. Lucas' test for Mersenne numbers,  $6000 < p < 7000$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):148–149, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KB67] **Knuth:1967:CTE**  
Donald E. Knuth and Thomas J. Buckholtz. Computation of tangent, Euler, and Bernoulli numbers. *Mathematics of Computation*, 21(100):663–688, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2005010>.
- [Kee65] **Keedwell:1965:SPP**  
A. D. Keedwell. A search for projective planes of a special type with the aid of a digital computer (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):317–322, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kel64] **Kellogg:1964:DEM**  
R. B. Kellogg. Difference equations on a mesh arising from a general triangulation. *Mathematics of Computation*, 18(86):203–210, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kel69] **Kellogg:1969:NAD**  
R. B. Kellogg. A nonlinear alternating direction method. *Mathematics of Computation*, 23(105):23–27, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ker69] **Kershaw:1969:EIT**  
D. Kershaw. The explicit inverses of two commonly occurring matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):189–

- 191, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KF62] J. Kampe de Fériet and François N. Frenkiel. Correlations and spectra for non-stationary random functions. *Mathematics of Computation*, 16(77):1–21, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KG68] Chul-Hee Kim and R. E. Gilbert. Evaluation of a kernel associated with laminar flow tubular catalytic reactors. *Mathematics of Computation*, 22(103):517–523, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kil60] Raymond B. Killgrove. A note on the nonexistence of certain projective planes of order nine. *Mathematics of Computation*, 14(69):70–71, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kin66] Richard King. Runge–Kutta methods with constrained minimum error bounds. *Mathematics of Computation*, 20(95):386–391, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kir60] E. T. Kirkpatrick. Tables of values of the modified Mathieu functions. *Mathematics of Computation*, 14(70):118–129, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KK64] E. Karst and U. Karst. The first power of 2 with 8 consecutive zeros (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):508, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KKI67] J. E. Kilpatrick, Shigetoshi Katsura, and Yuji Inoue. Calculations of integrals of products of Bessel functions. *Mathematics of Computation*, 21(99):407–412, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KL68] Heinz-Otto Kreiss and Einar Lundqvist. On difference approximations with wrong boundary values. *Mathematics of Computation*, 22(101):1–12, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Klo64] R. W. Klopfenstein. Conditional least squares polynomial approximation (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):659–662, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KM67] Alan G. Konheim and Willard L. Miranker. Numerical evaluation of Wiener integrals. *Mathematics of Computation*, 21(97):49–65, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Karst:1964:FPC****KampedeFeriet:1962:CSN****Kilpatrick:1967:CIP****Kim:1968:EKA****Kreiss:1968:DAW****Killgrove:1960:NNC****Klopfenstein:1964:CLS****King:1966:RKM****Konheim:1967:NEW**

- [KM68] **Klopfenstein:1968:NSO**  
R. W. Klopfenstein and R. S. Millman. Numerical stability of a one-evaluation predictor-corrector algorithm for numerical solution of ordinary differential equations. *Mathematics of Computation*, 22(103):557–564, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Knu62] **Knuth:1962:ECP**  
Donald E. Knuth. Euler’s constant to 1271 places. *Mathematics of Computation*, 16(79):275–281, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kon65] **Konheim:1965:MDT**  
Alan G. Konheim. Mantissa distributions (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):143–144, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KR68] **Kelisky:1968:RAL**  
R. P. Kelisky and T. J. Rivlin. A rational approximation to the logarithm. *Mathematics of Computation*, 22(101):128–136, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kra60] **Kravitz:1960:CTN**  
Sidney Kravitz. The congruence  $2^{p-1} \equiv 1 \pmod{p^2}$  for  $p < 100,000$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):378, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kra61] **Kravitz:1961:DMN**  
Sidney Kravitz. Divisors of Mersenne numbers  $10,000 < p < 15,000$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):292–293, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kra66] **Kravitz:1966:DMD**  
Sidney Kravitz. Distributions of Mersenne divisors (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):448–449, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kre68] **Kreiss:1968:STD**  
Heinz-Otto Kreiss. Stability theory for difference approximations of mixed initial boundary value problems. I. *Mathematics of Computation*, 22(104):703–714, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Kro67] **Krogh:1967:NEC**  
Fred T. Krogh. A note on the effect of conditionally stable correctors (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):717–719, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KS63] **Keller:1963:ELP**  
H. B. Keller and J. R. Swenson. Experiments on the lattice problem of Gauss. *Mathematics of Computation*, 17(83):223–230, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [KS65] **Kellogg:1965:OAD**  
R. B. Kellogg and J. Spanier. On optimal alternating direction parameters for singular matrices (in Technical Notes and Short Papers). *Mathematics*

- of Computation*, 19(91):448–452, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [La 63] C. Donald La Budde. The reduction of an arbitrary real square matrix to tri-diagonal form using similarity transformations (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):433–437, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [La 64] C. Donald La Budde. A new algorithm for diagonalizing a real symmetric matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):118–123, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lal67] M. Lal. Primes of the form  $n^4 + 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):245–247, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lal69] Mohan Lal. Iterates of a number-theoretic function (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):181–183, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lan60] H. A. Lang. On the evaluation of certain complex elliptic integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):195–199, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lan67] R. Langel. An algorithm for certain double sums of polynomial series (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):230–232, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lar64] Bert K. Larkin. Some stable explicit difference approximations to the diffusion equation. *Mathematics of Computation*, 18(86):196–202, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lav64a] Jean L. Lavoie. On inverses of finite segments of the generalized Hilbert matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):141–143, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lav64b] Jean L. Lavoie. On the evaluation of certain determinants (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):653–659, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lay64] J. W. Layman. A finite difference exponential approximation method (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):113–118, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Layman:1967:MAE**

- [Lay67] J. W. Layman. Mixed algebraic-exponential interpolation using finite differences (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):498–500, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lazarkiewicz:1961:SEC**

- [LB61] A. Lazarkiewicz and W. Balasinski. A simple experimental computer with negative basis. *Mathematics of Computation*, 15(75):275–285, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lal:1966:SDE**

- [LB66] M. Lal and W. J. Blundon. Solutions of the Diophantine equations  $x^2 + y^2 = l^2, y^2 + z^2 = m^2, z^2 + x^2 = n^2$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):144–147, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Luke:1961:EHF**

- [LC61] Yudell L. Luke and Richard L. Coleman. Expansion of hypergeometric functions in series of other hypergeometric functions. *Mathematics of Computation*, 15(75):233–237, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Levine:1962:MPM**

- [LD62] Jack Levine and R. E. Dalton. Minimum periods, modulo  $p$ , of first-order Bell exponential integers. *Mathematics of Computation*, 16(80):416–423, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lyness:1967:NCI**

- [LD67] J. N. Lyness and L. M. Delves. On numerical contour integration round a closed contour. *Mathematics of Computation*, 21(100):561–577, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lal:1968:SDE**

- [LD68] Mohan Lal and James Dawe. Solutions of the Diophantine equation  $x^2 - dy^4 = k$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):679–682, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Leavitt:1966:MAP**

- [Lea66] Jay A. Leavitt. Methods and applications of power series. *Mathematics of Computation*, 20(93):46–52, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Leavitt:1967:PAC**

- [Lea67] Jay A. Leavitt. A polynomial approximation converging in a lens-shaped region (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):491–493, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ledsham:1961:NIU**

- [Ld61] F. C. Ledsham. Numerical integration using sums of exponential functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(73):48–51, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [Lee62] **Lees:1962:NCA**  
Milton Lees. A note on the convergence of alternating direction methods. *Mathematics of Computation*, 16(77):70–75, January 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lee66] **Lees:1966:LTL**  
Milton Lees. A linear three-level difference scheme for quasilinear parabolic equations. *Mathematics of Computation*, 20(96):516–522, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lee68] **Lee:1968:ANB**  
Elvin J. Lee. Amicable numbers and the bilinear Diophantine equation. *Mathematics of Computation*, 22(101):181–187, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lee69] **Lee:1969:DNS**  
Elvin Lee. On divisibility by nine of the sums of even amicable pairs. *Mathematics of Computation*, 23(107):545–548, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Leh60] **Lehman:1960:LF**  
R. Sherman Lehman. On Liouville's function. *Mathematics of Computation*, 14(72):311–320, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Leh66] **Lehman:1966:SZR**  
R. Sherman Lehman. Separation of zeros of the Riemann zeta-function. *Mathematics of Computation*, 20(96):523–541, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Les65] **Leszczynski:1965:SST**  
Bogumil Leszczynski. On the sum of the series  $\sum_{\nu=0}^{\infty} (t^{\nu}/[u\nu + m]!)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):677–679, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Let66] **Lether:1966:URE**  
F. G. Lether. The use of Richardson extrapolation in one-step methods with variable step size. *Mathematics of Computation*, 20(95):379–385, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lev61] **Levine:1961:SAH**  
Jack Levine. Some applications of high-speed computers to the case  $n = 2$  of algebraic cryptography. *Mathematics of Computation*, 15(75):254–260, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lew69] **Lewis:1969:FII**  
Richard L. Lewis. On finite integrals involving trigonometric, Bessel, and Legendre functions. *Mathematics of Computation*, 23(106):259–273, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LF68] **Law:1968:RBE**  
V. J. Law and R. H. Fariss. On the relations between eigenvalues and eigenvectors for matrices resulting from pre and post multiplication by the transpose (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):867–868, October 1968. CODEN MCM-

PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Luke:1965:CTT**

- [LFiCM65] Yudell L. Luke, Wyman Fair, Gerald ine Coombs, and Rosemary Moran. On a constant in the theory of trigonometric series (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):501–502, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ling:1960:EHP**

- [Lin60] Chih-Bing Ling. Evaluation at half periods of Weierstrass' elliptic function with rectangular primitive period-parallelogram. *Mathematics of Computation*, 14(69):67–70, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ling:1965:EHP**

- [Lin65a] Chih-Bing Ling. Evaluation at half periods of Weierstrass' elliptic functions with double periods 1 and  $e^{i\alpha}$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):658–661, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ling:1965:TVR**

- [Lin65b] Chih-Bing Ling. Tables of values of  $\sigma_{2s}$  relating to Weierstrass' elliptic function (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):123–127, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Linz:1969:MSN**

- [Lin69] Peter Linz. A method for solving nonlinear Volterra integral equations of the second kind. *Mathematics of Computation*,

23(107):595–599, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lal:1966:NSD**

- [LJB66] M. Lal, M. F. Jones, and W. J. Blundon. Numerical solutions of the Diophantine equation  $y^3 - x^2 = k$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):322–325, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Laslett:1962:EZC**

- [LL62a] L. Jackson Laslett and William Lewish. Evaluation of the zeros of cross-product Bessel functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):226–232, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lin:1962:EJE**

- [LL62b] Y. K. Lin and F. A. Lee. Expansions of Jacobian elliptic functions in powers of the modulus (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(79):372–375, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lehmer:1962:MPT**

- [LLMS62] D. H. Lehmer, E. Lehmer, W. H. Mills, and J. L. Selfridge. Machine proof of a theorem on cubic residues. *Mathematics of Computation*, 16(80):407–415, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lo:1965:DME**

- [LLS65] Y. T. Lo, S. W. Lee, and B. Sun. On Davis' method of estimating quadrature errors (in Technical Notes and Short Papers). *Mathematics of Computation*,

- 19(89):133–138, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LN67] J. N. Lyness and B. W. Ninham. Numerical quadrature and asymptotic expansions. *Mathematics of Computation*, 21(98):162–178, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LNP69] Victor Lovass-Nagy and David L. Powers. Reduction of functions of some partitioned matrices. *Mathematics of Computation*, 23(105):127–133, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lon60a] I. M. Longman. A method for the numerical evaluation of finite integrals of oscillatory functions. *Mathematics of Computation*, 14(69):53–59, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lon60b] I. M. Longman. On the utility of Newton’s method for computing complex roots of equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):187–189, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lor60] R. D. Lord. Integrals of products of Laguerre polynomials (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):375–376, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lot62] Gary Lotto. On the generation of all possible stepwise combinations (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):241–243, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Low60a] Arnold N. Lowan. On the numerical treatment of heat conduction problems with mixed boundary conditions (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):266–270, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Low60b] Arnold N. Lowan. On the propagation of errors in the inversion of certain tridiagonal matrices. *Mathematics of Computation*, 14(72):333–338, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Low60c] Arnold N. Lowan. On the propagation of round-off errors in the numerical integration of the heat equation. *Mathematics of Computation*, 14(70):139–146, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Low60d] Arnold N. Lowan. On the propagation of round-off errors in the numerical treatment of the wave equation. *Mathematics of Computation*, 14(71):223–228, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lowan:1961:SCE**

- [Low61] Arnold N. Lowan. On stability criteria of explicit difference schemes for certain heat conduction problems with uncommon boundary conditions. *Mathematics of Computation*, 15(74):179–185, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Low:1966:FPZ**

- [Low66] R. D. Low. On the first positive zero of  $P_{\nu-1/2}^{(-m)}(\cos \theta)$ , considered as a function of  $\nu$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):421–424, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lander:1966:ESB**

- [LP66] L. J. Lander and T. R. Parkin. Equal sums of biquadrates (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):450–451, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lander:1967:CPA**

- [LP67a] L. J. Lander and T. R. Parkin. Consecutive primes in arithmetic progression (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):489, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lander:1967:CES**

- [LP67b] L. J. Lander and T. R. Parkin. A counterexample to Euler's sum of powers conjecture (in technical notes and short notices). *Mathematics of Computation*, 21(97):101–103, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lander:1967:FAP**

- [LP67c] L. J. Lander and T. R. Parkin. On first appearance of prime differences (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):483–488, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lander:1967:SES**

- [LPS67] L. J. Lander, T. R. Parkin, and J. L. Selfridge. A survey of equal sums of like powers. *Mathematics of Computation*, 21(99):446–459, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lynch:1968:CRA**

- [LR68] Robert E. Lynch and John R. Rice. Convergence rates of ADI methods with smooth initial error. *Mathematics of Computation*, 22(102):311–335, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lal:1969:NSF**

- [LRB69] M. Lal, W. Russell, and W. J. Blundon. A note on sums of four cubes (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):423–424, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Lambert:1965:NSC**

- [LS65a] John D. Lambert and Brian Shaw. On the numerical solution of  $y' = f(x, y)$  by a class of formulae based on rational approximation (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):456–462, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- Lee:1965:AIF**
- [LS65b] Nancy Lee and A. H. Stroud. Approximate integration formulas for ellipses (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):322–327, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lambert:1966:MNS**
- [LS66] J. D. Lambert and B. Shaw. A method for the numerical solution of  $y' = f(x, y)$  based on a self-adjusting non-polynomial interpolant. *Mathematics of Computation*, 20(93):11–20, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lear:1967:IRM**
- [LS67a] James D. Lear and James E. Sturm. An integral representation for the modified Bessel function of the third kind, computable for large, imaginary order (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):496–498, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lewis:1967:CFV**
- [LS67b] H. R. Lewis, Jr. and E. F. Stovall, Jr. Comments on a floating-point version of Nordsieck's scheme for the numerical integration of differential equations. *Mathematics of Computation*, 21(98):157–161, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lewis:1967:CFP**
- [LS67c] H. R. Lewis, Jr. and E. J. Stovall, Jr. Comments on a floating-point version of Nordsieck's scheme for the numerical integration of differential equations. *Mathematics of Computation*, 21(98):157–161, April 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lietzke:1964:CSM**
- [LSL64] M. H. Lietzke, R. W. Stoughton, and Marjorie P. Lietzke. A comparison of several methods for inverting large symmetric positive definite matrices. *Mathematics of Computation*, 18(87):449–456, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Ling:1964:EHP**
- [LT64] Chih-Bing Ling and Chen-Peng Tsai. Evaluation at half periods of Weierstrass' elliptic function with rhombic primitive period-parallelogram. *Mathematics of Computation*, 18(87):433–440, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Luke:1968:AEI**
- [Luk68] Yudell L. Luke. Approximations for elliptic integrals. *Mathematics of Computation*, 22(103):627–634, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Lunnon:1968:MFP**
- [Lun68] W. F. Lunnon. A map-folding problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):193–199, January 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Luther:1968:ESO**
- [Lut68] H. A. Luther. An explicit sixth-order Runge–Kutta formula (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):434–

- 436, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LW63] Y. L. Luke and J. Wimp. Jacobi polynomial expansions of a generalized hypergeometric function over a semi-infinite ray. *Mathematics of Computation*, 17(84):395–404, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LW65] Chih-Bing Ling and Hsien-Chueh Wu. Tables of values of three infinite integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):487–494, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [LWF72] Yudell L. Luke, Jet Wimp, and Wyman Fair, editors. *Cumulative Index to Mathematics of Computation, Volumes 1–24 (1943–1969)*. American Mathematical Society, Providence, RI, USA, 1972. xvii + 461 pp.
- [Lyn64] M. Stuart Lynn. On the round-off error in the method of successive over-relaxation. *Mathematics of Computation*, 18(85):36–49, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn65a] J. N. Lyness. Integration rules of hypercubic symmetry over a certain spherically symmetric space (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):471–476, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn65b] J. N. Lyness. Limits on the number of function evaluations required by certain high-dimensional integration rules of hypercubic symmetry. *Mathematics of Computation*, 19(92):638–643, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn65c] J. N. Lyness. Symmetric integration rules for hypercubes I. error coefficients. *Mathematics of Computation*, 19(90):260–276, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn65d] J. N. Lyness. Symmetric integration rules for hypercubes II. rule projection and rule extension. *Mathematics of Computation*, 19(91):394–407, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn65e] J. N. Lyness. Symmetric integration rules for hypercubes III. construction of integration rules using null rules. *Mathematics of Computation*, 19(92):625–637, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Lyn68] J. N. Lyness. Differentiation formulas for analytic functions. *Mathematics of Computation*, 22(102):352–362, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Luke:1963:JPE****Lyness:1965:LNF****Ling:1965:TVT****Lyness:1965:SIRa****Luke:1972:CIM****Lyness:1965:SIRb****Lynn:1964:REM****Lyness:1965:SIRc****Lyness:1965:IRH****Lyness:1968:DFA**

**Lyness:1969:QMB**

- [Lyn69] J. N. Lyness. Quadrature methods based on complex function values. *Mathematics of Computation*, 23(107):601–619, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Metropolis:1965:RCU**

- [MA65] N. Metropolis and R. L. Ashenurst. Radix conversion in an unnormalized arithmetic system. *Mathematics of Computation*, 19(91):435–441, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mack:1965:BFI**

- [Mac65] Lawrence R. Mack. Bessel-function identities needed for the theory of axisymmetric gravity waves (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):654–657, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Magula:1960:CFM**

- [Mag60] D. A. Magula. A conjugate factor method for the solution of a cubic (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):281–283, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mann:1961:MCT**

- [Man61] Henry B. Mann. On modular computation (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(74):190–192, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mangad:1966:BTB**

- [Man66] Moshe Mangad. Bounds for the two-dimensional discrete harmonic Green's function. *Mathematics of Computation*, 20(93):60–67, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mangad:1967:SLV**

- [Man67] Moshe Mangad. Some limiting values and two error estimation procedures for power series approximations. *Mathematics of Computation*, 21(99):423–430, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mapes:1963:FMC**

- [Map63] David C. Mapes. Fast method for computing the number of primes less than a given limit. *Mathematics of Computation*, 17(82):179–185, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Markham:1968:IPC**

- [Mar68] T. L. Markham. An iterative procedure for computing the maximal root of a positive matrix (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):869–871, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Mayoh:1965:GTI**

- [May65] B. H. Mayoh. A graph technique for inverting certain matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):644–646, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [McA63] **McAndrew:1963:PPT**  
M. H. McAndrew. A partition problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):291–295, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [McA65] **McAndrew:1965:ASP**  
M. H. McAndrew. An algorithm for solving a polynomic congruence, and its application to error-correcting cods. *Mathematics of Computation*, 19(89):68–72, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [McE69] **McEliece:1969:FPF**  
Robert J. McEliece. Factorization of polynomials over finite fields. *Mathematics of Computation*, 23(108):861–867, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [McL63] **McLaren:1963:ONI**  
A. D. McLaren. Optimal numerical integration on a sphere. *Mathematics of Computation*, 17(84):361–383, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [McN64] **McNamee:1964:EBE**  
John McNamee. Error-bounds for the evaluation of integrals by the Euler–Maclaurin formula and by Gauss-type formulae. *Mathematics of Computation*, 18(87):368–381, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mec66] **Mechel:1966:CMB**  
Fr. Mechel. Calculation of the modified Bessel functions of the second kind with complex argument. *Mathematics of Computation*, 20(95):407–412, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mec68] **Mechel:1968:IRT**  
Fr. Mechel. Improvement in recurrence techniques for the computation of Bessel functions of integral order (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):202–205, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mei69] **Meicler:1969:SAM**  
Marcel Meicler. A steepest ascent method for the Chebyshev problem. *Mathematics of Computation*, 23(108):813–817, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mel68] **Melzak:1968:NEI**  
Z. A. Melzak. Numerical evaluation of an isoperimetric constant. *Mathematics of Computation*, 22(101):188–190, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mel69] **Melzak:1969:SPC**  
Z. A. Melzak. On the solid-packing constant for circles (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):169–172, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Met69] **Metsankyla:1969:CFF**  
Tauno Metsankyla. Calculation of the first factor of the class number of the cyclotomic field. *Mathematics of Computation*, 23(107):533–537, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [Mic63] **Michels:1963:AWC**  
H. H. Michels. Abscissas and weight coefficients for Lobatto quadrature. *Mathematics of Computation*, 17(83):237–244, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil60a] **Miller:1960:NQRb**  
J. C. P. Miller. Numerical quadrature over a rectangular domain in two or more dimensions. *Mathematics of Computation*, 14(70):130–138, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil60b] **Miller:1960:NQRa**  
J. C. P. Miller. Numerical quadrature over a rectangular domain in two or more dimensions: Part 1. quadrature over a square, using up to sixteen equally spaced points. *Mathematics of Computation*, 14(69):13–20, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil60c] **Miller:1960:NQRc**  
J. C. P. Miller. Numerical quadrature over a rectangular domain in two or more dimensions. part 3: Quadrature of a harmonic integrand. *Mathematics of Computation*, 14(71):240–248, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil63] **Miller:1963:FIP**  
James Miller. Formulas for integrals of products of associated Legendre or Laguerre functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(81):84–87, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil68a] **Miller:1968:RLO**  
John Miller. On the resolvent of a linear operator associated with a well-posed Cauchy problem. *Mathematics of Computation*, 22(103):541–548, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mil68b] **Milnes:1968:NCP**  
Harold Willis Milnes. A note concerning the properties of a certain class of test matrices. *Mathematics of Computation*, 22(104):827–832, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mit61] **Mitchell:1961:SMB**  
A. R. Mitchell. Solution of the von Mises boundary layer equation using a high-speed computer. *Mathematics of Computation*, 15(75):238–242, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mit66] **Mitchell:1966:NLP**  
W. C. Mitchell. The number of lattice points in a  $k$ -dimensional hypersphere. *Mathematics of Computation*, 20(94):300–310, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mit68] **Mitchell:1968:EGC**  
W. C. Mitchell. An evaluation of Golomb's constant. *Mathematics of Computation*, 22(102):411–415, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [ML67] **Miranker:1967:PMN**  
Willard L. Miranker and Werner Lingiger. Parallel methods for the numerical integration of ordinary differential equations. *Mathematics of Computation*,

- 21(99):303–320, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [MM66] J. W. Moon and L. Moser. A matrix reduction problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):328–330, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [MM67] Charles E. McQueary and Lawrence R. Mack. Bessel-function integrals needed for two classes of physical problems. *Mathematics of Computation*, 21(99):413–417, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mon64] B. Mond. Multivariate polynomial approximation for equidistant data (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):298–301, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Moo66] D. H. Moore. A division algebra for sequences defined on all the integers. *Mathematics of Computation*, 20(94):311–317, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Moo67] William T. Moody. Approximations for the Psi (digamma) function (in technical notes and short notices). *Mathematics of Computation*, 21(97):112, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mou64] D. G. Moursund. Chebyshev approximations of a function and its derivatives. *Mathematics of Computation*, 18(87):382–389, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [MP63] A. R. Mitchell and R. P. Pearce. Explicit difference methods for solving the cylindrical heat conduction equation. *Mathematics of Computation*, 17(84):426–432, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [MR65] R. G. Medhurst and J. H. Roberts. Evaluation of the integral  $I_n(b) = \frac{2}{\pi} \int_0^\infty \left(\frac{\sin x}{x}\right)^n \cos(bx) dx$ . *Mathematics of Computation*, 19(89):113–117, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [MTK62] S. Muroga, I. Toda, and M. Kondo. Majority decision functions of up to six variables. *Mathematics of Computation*, 16(80):459–472, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mul59] Mervin E. Muller. A note on a method for generating points uniformly on  $N$ -dimensional spheres. *Communications of the ACM*, 2(4):19–20, April 1959. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

**Moursund:1964:CAF****Moon:1966:MRP****Mitchell:1963:EDM****McQueary:1967:BFI****Medhurst:1965:EI****Mond:1964:MPA****Muroga:1962:MDF****Moore:1966:DAS****Muller:1959:NMG****Moody:1967:ADF**

- [Mur67] **Murphy:1967:NAB**  
W. D. Murphy. Numerical analysis of boundary-layer problems in ordinary differential equations. *Mathematics of Computation*, 21(100):583–596, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mus64] **Mustard:1964:NID**  
D. Mustard. Numerical integration over the  $n$ -dimensional spherical shell. *Mathematics of Computation*, 18(88):578–589, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Mus66] **Muskat:1966:DOP**  
Joseph B. Muskat. On divisors of odd perfect numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):141–144, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Nas65] **Nashed:1965:GIM**  
M. Z. Nashed. On general iterative methods for the solutions of a class of nonlinear operator equations. *Mathematics of Computation*, 19(89):14–24, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Nav63] **Navot:1963:EMF**  
Israel Navot. The Euler–Maclaurin functional for functions with a quasi-step discontinuity. *Mathematics of Computation*, 17(84):337–345, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [NC66] **Nellis:1966:REE**  
W. J. Nellis and B. C. Carlson. Reduction and evaluation of elliptic integrals. *Mathematics of Computation*, 20(94):223–231, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [NDT69] **Ng:1969:CPE**  
Edward W. Ng, C. J. Devine, and R. F. Tooper. Chebyshev polynomial expansion of Bose–Einstein functions of orders 1 to 10. *Mathematics of Computation*, 23(107):639–643, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Nel61] **Nelson:1961:NTH**  
C. W. Nelson. New tables of Howland’s and related integrals. *Mathematics of Computation*, 15(73):12–18, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [New63] **Newbery:1963:MIF**  
A. C. R. Newbery. Multistep integration formulas (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):452–455, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [New66] **Newbery:1966:IAT**  
A. C. R. Newbery. Interpolation by algebraic and trigonometric polynomials (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):597–599, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [New67a] **Newbery:1967:CSS**  
A. C. R. Newbery. Convergence of successive substitution starting procedures (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):489–491, July 1967. CODEN MCMPAF.

- ISSN 0025-5718 (print), 1088-6842 (electronic).
- [New67b] **Newman:1967:NPM**  
 Morris Newman. Note on partitions modulo 5 (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):481–482, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [New69] **Newbery:1969:SEL**  
 A. C. R. Newbery. Some extensions of Legendre quadrature (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):173–176, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [NF63] **Newman:1963:ICS**  
 J. N. Newman and W. Frank. An integral containing the square of a Bessel function. *Mathematics of Computation*, 17(81):64–70, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Nik60] **Nikolai:1960:PIM**  
 Paul J. Nikolai. Permanents of incidence matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):262–266, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [NL69] **Ninham:1969:FAE**  
 B. W. Ninham and J. N. Lyness. Further asymptotic expansions for the error functional. *Mathematics of Computation*, 23(105):71–83, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Nor62] **Nordsieck:1962:NIO**  
 Arnold Nordsieck. On numerical integration of ordinary differential equations. *Mathematics of Computation*, 16(77):22–49, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [OB64] **Otis:1964:SHE**  
 A. B. Otis, Jr. and M. P. Barnett. Surface harmonic expansions of products of Cartesian coordinates. *Mathematics of Computation*, 18(88):635–643, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [OD65] **Ormonde:1965:MCI**  
 Stephan Ormonde and Jerald S. Dick. A method of calculation of integrals of products of radial atomic wave functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):647–650, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Old68] **Oldham:1968:AFT**  
 K. B. Oldham. Approximations for the  $x \exp x^2 \operatorname{erfc} x$  function (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):454, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Olu65] **Olunloyo:1965:STD**  
 V. O. S. Olunloyo. A special technique for the determination of eigenvalues (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):466–471, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Olver:1964:EAM**

- [Olv64] F. W. J. Olver. Error analysis of Miller's recurrence algorithm. *Mathematics of Computation*, 18(85):65–74, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Osborn:1968:IBF**

- [OM68] David Osborn and Richard Madey. The incomplete beta function and its ratio to the complete beta function. *Mathematics of Computation*, 22(101):159–162, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Osborne:1962:NFD**

- [Osb62] M. R. Osborne. A note on finite difference methods for solving the eigenvalue problems of second-order differential equations. *Mathematics of Computation*, 16(79):338–346, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Osborne:1967:MTE**

- [Osb67] M. R. Osborne. Minimising truncation error in finite difference approximations to ordinary differential equations. *Mathematics of Computation*, 21(98):133–145, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Osher:1969:SDE**

- [Osh69a] Stanley Osher. On systems of difference equations with wrong boundary conditions. *Mathematics of Computation*, 23(107):567–572, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Osher:1969:SDA**

- [Osh69b] Stanley Osher. Stability of difference approximations of dissipative type for mixed initial-boundary value problems. *Mathematics of Computation*, 23(106):335–340, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ostrowski:1961:TML**

- [OV61] R. T. Ostrowski and K. D. Van Duren. On a theorem of Mann on Latin squares (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):293–295, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Parlett:1964:NBA**

- [Par64a] Beresford Parlett. A note on La Budde's algorithm (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):505–506, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Parlett:1964:LMA**

- [Par64b] Beresford N. Parlett. Laguerre's method applied to the matrix eigenvalue problem. *Mathematics of Computation*, 18(87):464–485, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Parlett:1966:SIM**

- [Par66] Beresford N. Parlett. Singular and invariant matrices under the  $QR$  transformation (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):611–615, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Par67] Beresford Parlett. Canonical decomposition of Hessenberg matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):223–227, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Par68] Beresford N. Parlett. Global convergence of the basic QR algorithm on Hessenberg matrices. *Mathematics of Computation*, 22(104):803–817, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pat62] R. K. Pathria. A statistical study of randomness among the first 10,000 digits of  $\pi$ . *Mathematics of Computation*, 16(78):188–197, April 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pat68a] T. N. L. Patterson. On some Gauss and Lobatto based integration formulae (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):877–881, October 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pat68b] T. N. L. Patterson. The optimum addition of points to quadrature formulae. *Mathematics of Computation*, 22(104):847–856, October 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pat69] T. N. L. Patterson. Integration formulae involving derivatives (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):411–412, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pax61] G. A. Paxson. The compositeness of the thirteenth Fermat number. *Mathematics of Computation*, 15(76):420, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PD61] M. M. Pennell and L. M. Delves. The numerical solution of coupled integro-differential equations. *Mathematics of Computation*, 15(75):243–249, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PD64] Boris Podolsky and Harry H. Denman. Conditions on minimization criteria for smoothing. *Mathematics of Computation*, 18(87):441–448, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pea63] Erna H. Pearson. On the congruences  $(p-1)! \equiv -1$  and  $2^{p-1} \equiv (\text{mod } p^2)$ . *Mathematics of Computation*, 17(82):194–195, April 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pea65] Carl E. Pearson. Impulsive end condition for diffusion equation. *Mathematics of Computation*, 19(92):570–576, October 1965. CODEN MCMPAF.

- ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pea69] Carl E. Pearson. Asymptotic behavior of solutions to the finite-difference wave equation. *Mathematics of Computation*, 23(108):711–715, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PK64] E. T. Parker and R. B. Killgrove. A note on projective planes of order nine (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):506–508, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pet63] W. V. Petryshyn. On a general iterative method for the approximate solution of linear operator equations. *Mathematics of Computation*, 17(81):1–10, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PM62] R. P. Pearce and A. R. Mitchell. On finite difference methods of solution of the transport equation. *Mathematics of Computation*, 16(78):155–169, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pet65] W. V. Petryshyn. On the extrapolated Jacobi or simultaneous displacements method in the solution of matrix and operator equations. *Mathematics of Computation*, 19(89):37–55, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pop60] David A. Pope. A method of “alternating corrections” for the numerical solution of two-point boundary value problems. *Mathematics of Computation*, 14(72):354–361, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PG60] I. E. Perlin and J. R. Garrett. High precision calculation of  $\text{Arcsin } x$ ,  $\text{Arccos } x$ , and  $\text{Arctan } x$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):270–274, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Por63] T. A. Porsching. Matrix assignments and an associated min max problem (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(81):81–84, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Pin69] Milton R. Pine. Notes on the tables for Gaussian quadrature of N. M. steen, G. D. byrne and E. M. gelbard. *Mathematics of Computation*, 23(107):673, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [PR63] R. W. Preisendorfer and B. W. Roos. On the best fit to experimental data curves using homogeneous two-parameter functions. *Mathematics of Computation*, 17(83):231–236, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Price:1965:PAB**

- [Pri65] H. S. Price. A practical application of block diagonally dominant matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):307–313, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Price:1968:MOM**

- [Pri68] Harvey S. Price. Monotone and oscillation matrices applied to finite difference approximations. *Mathematics of Computation*, 22(103):489–516, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Preisendorfer:1963:DMS**

- [PRS63] R. W. Preisendorfer, B. W. Roos, and W. C. Sangren. Determinants by means of solutions of linear equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):285–289, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Pall:1960:PAG**

- [PS60] Gordon Pall and Esther Seiden. A problem in Abelian groups, with application to the transposition of a matrix on an electronic computer (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):189–192, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Parkin:1967:DPP**

- [PS67] Thomas R. Parkin and Daniel Shanks. On the distribution of parity in the partition function. *Mathematics of Computation*, 21(99):466–480, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Polachek:1963:TME**

- [PWMD63] H. Polachek, T. S. Walton, R. Mejia, and C. Dawson. Transient motion of an elastic cable immersed in a fluid. *Mathematics of Computation*, 17(81):60–63, January 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rabinowitz:1960:AWL**

- [Rab60] Philip Rabinowitz. Abscissas and weights for Lobatto quadrature of high order. *Mathematics of Computation*, 14(69):47–52, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rabinowitz:1968:EBG**

- [Rab68] Philip Rabinowitz. Error bounds in Gaussian integration of functions of low-order continuity (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):431–434, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Radok:1960:TES**

- [Rad60] J. R. M. Radok. Transcendental equation for the Schrödinger equation (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):276–278, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Ralston:1962:RKM**

- [Ral62] Anthony Ralston. Runge–Kutta methods with minimum error bounds. *Mathematics of Computation*, 16(80):431–437, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [Raz65] P. Razelos. A new integral representation of the Bessel coefficients (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):130–133, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Raz65] **Razelos:1965:NIR**
- [RBM67] James D. Riley, Morris M. Bennett, and Emily McCormick. Numerical integration of variational equations. *Mathematics of Computation*, 21(97):12–17, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [RBM67] **Riley:1967:NIV**
- [Rea61] N. Ream. Note on “Approximation of Curves by Line Segments”. *Mathematics of Computation*, 15(76):418–419, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rea61] **Ream:1961:NAC**
- [Rei67] Alex Reichel. Error estimates in simple quadrature with Voigt functions. *Mathematics of Computation*, 21(100):647–651, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rei67] **Reichel:1967:EES**
- [Rei69] Alex Reichel. The integral of the  $n$ th power of the Voigt function. *Mathematics of Computation*, 23(107):645–649, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rei69] **Reichel:1969:IPV**
- [Ric64a] John R. Rice. On the computation of  $L_1$  approximations by exponentials, rationals, and other functions. *Mathematics of Computation*, 18(87):390–396, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ric64a] **Rice:1964:CAE**
- [Ric64b] John R. Rice. On the  $L_\infty$  Walsh arrays for  $\Gamma(x)$  and  $\text{Erfc}(x)$ . *Mathematics of Computation*, 18(88):617–626, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ric64b] **Rice:1964:WA**
- [Ric66] John R. Rice. Experiments on Gram–Schmidt orthogonalization (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):325–328, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ric66] **Rice:1966:EGS**
- [Ric69] P. L. Richman. Compressible fluid flow and the approximation of iterated integrals of a singular function. *Mathematics of Computation*, 23(106):355–372, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ric69] **Richman:1969:CFF**
- [Rie62] H. Riesel. All factors  $q < 10^8$  in all Mersenne numbers  $2^p - 1$ ,  $p$ Prime  $< 10^4$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):478–482, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rie62] **Riesel:1962:AFA**
- [Rie63] Hans Riesel. A factor of the Fermat number  $F_{19}$  (in Technical Notes and Short Papers). *Mathematics of Computation*,
- [Rie63] **Riesel:1963:FFN**

- 17(84):458, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rie64] Hans Riesel. Note on the congruence  $a^{p-1} \equiv 1 \pmod{p^2}$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):149–150, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rie69a] Hans Riesel. Lucasian criteria for the primality of  $\mathcal{N} = h \cdot 2^n - 1$ . *Mathematics of Computation*, 23(108):869–875, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rie69b] Hans Riesel. Some factors of the numbers  $G_n = 6^{2^n} + 1$  and  $H_n = 10^{2^n} + 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):413–415, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rig64] A. K. Rigler. An application of cyclic reduction to Ritz type difference equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):292–296, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rig65] A. K. Rigler. Estimation of the successive over-relaxation factor (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):302–307, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rob64] Raphael M. Robinson. Algebraic equations with span less than 4. *Mathematics of Computation*, 18(88):547–559, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rob65a] Jerry Allan Roberts. Computation of moments of  $K_\nu(t)/I_\nu(t)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):651–654, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rob65b] Raphael M. Robinson. Some conjectures about cyclotomic integers. *Mathematics of Computation*, 19(90):210–217, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Rom64] Irwin Roman. Controlled quadrature. *Mathematics of Computation*, 18(86):254–263, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ros60] Milton E. Rose. A method for calculating solutions of parabolic equations with a free boundary. *Mathematics of Computation*, 14(71):249–256, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ros64] Milton E. Rose. Finite difference schemes for differential equations. *Mathematics of Computation*, 18(86):179–195, April 1964. CODEN MCMPAF.

ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rotenberg:1960:CTH**

- [Rot60] A. Rotenberg. The calculation of toroidal harmonics (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):274–276, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rothmann:1961:GQW**

- [Rot61] Harry A. Rothmann. Gaussian quadrature with weight function  $x^n$  on the interval  $(-1, 1)$ . *Mathematics of Computation*, 15(74):163–168, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rodemich:1968:PTH**

- [RR68] Eugene R. Rodemich and Howard Rumsey, Jr. Primitive trinomials of high degree (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):863–865, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rabinowitz:1969:PST**

- [RR69] Philip Rabinowitz and Nira Richter. Perfectly symmetric two-dimensional integration formulas with minimal numbers of points. *Mathematics of Computation*, 23(108):765–779, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Robinson:1961:ASI**

- [RS61] Stephen M. Robinson and A. H. Stroud. The approximate solution of an integral equation using high-order Gaussian quadrature formulas (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(75):286–288, July

1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rice:1968:LAE**

- [RU68] John R. Rice and Karl H. Usow. The Lawson algorithm and extensions. *Mathematics of Computation*, 22(101):118–127, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Rudnick:1966:NCF**

- [Rud66] Philip Rudnick. Note on the calculation of Fourier series (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):429–430, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Roberts:1966:CDS**

- [RW66] K. V. Roberts and N. O. Weiss. Convective difference schemes. *Mathematics of Computation*, 20(94):272–299, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**S:1964:BRT**

- [S.64] D. S. Book review: *The Theory of Linear Graphs with Applications to the Theory of the Virial Development of the Properties of Gases* by G. E. Uhlenbeck, G. W. Ford. *Mathematics of Computation*, 18(86):338, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.jstor.org/stable/2003333>.

**Salzer:1960:AFO**

- [Sal60a] Herbert E. Salzer. Alternative formulas for osculatory and hyperosculatory inverse interpolation. *Mathematics of Computation*, 14(71):257–261, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Sal60b] **Salzer:1960:NSQ**  
Herbert E. Salzer. A note on the solution of quartic equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(71):279–281, July 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sal62a] **Salzer:1962:MQC**  
Herbert E. Salzer. Multiple quadrature with central differences on one line (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):244–248, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sal62b] **Salzer:1962:NOR**  
Herbert E. Salzer. Note on osculatory rational interpolation (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):486–491, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sal62c] **Salzer:1962:OPF**  
Herbert E. Salzer. Optimum-point formulas for osculatory and hyperosculatory interpolation. *Mathematics of Computation*, 16(79):356–362, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sar68] **Sarma:1968:EMM**  
V. L. N. Sarma. Eberlein measure and mechanical quadrature formulae. I: Basic theory. *Mathematics of Computation*, 22(103):607–616, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sat66] **Sato:1966:CSC**  
Chikara Sato. Correction of stability curves in Hill–Meissner’s equation. *Mathematics of Computation*, 20(93):98–106, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SBG69] **Steen:1969:GQI**  
N. M. Steen, G. D. Byrne, and E. M. Gelbard. Gaussian quadratures for the integrals  $\int_0^\infty \exp(-x^2)f(x)dx$  and  $\int_0^b \exp(-x^2)f(x)dx$ . *Mathematics of Computation*, 23(107):661–671, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SCF64] **Shao:1964:TZG**  
T. S. Shao, T. C. Chen, and R. M. Frank. Tables of zeros and Gaussian weights of certain associated Laguerre polynomials and the related generalized Hermite polynomials. *Mathematics of Computation*, 18(88):598–616, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sch62] **Schroder:1962:CEB**  
J. Schröder. Computing error bounds in solving linear systems. *Mathematics of Computation*, 16(79):323–337, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sch63] **Schinzel:1963:RPB**  
A. Schinzel. A remark on a paper of Bateman and Horn (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):445–447, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sch67] **Schonheim:1967:CMN**  
J. Schonheim. Conversion of modular numbers to their mixed radix representation by matrix formula (in Technical Notes and Short Papers). *Mathematics*

- of *Computation*, 21(98):253–257, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [SF69]
- Scraton:1969:SIE**
- [Scr69] R. E. Scraton. The solution of integral equations in Chebyshev series. *Mathematics of Computation*, 23(108):837–844, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Sternberg:1965:CRF**
- [SD65] H. M. Sternberg and J. B. Diaz. Computation of the Riemann function for the operator  $\partial^n/\partial x_1\partial x_2\cdots\partial x_n + a(x_1, x_2, \dots, x_n)$ . *Mathematics of Computation*, 19(92):562–569, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Schulz-DuBois:1969:IRA**
- [SD69] E. O. Schulz-DuBois. Integral relations among Bessel functions. *Mathematics of Computation*, 23(108):845–847, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Secrest:1965:BAI**
- [Sec65] Don Secrest. Best approximate integration formulas and best error bounds. *Mathematics of Computation*, 19(89):79–83, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Senecchalle:1964:ITM**
- [Sen64] Lester J. Senecchalle. Iteration of triangular matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):651–653, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Sterbenz:1969:OSA**
- P. H. Sterbenz and C. T. Fike. Optimal starting approximations for Newton's method. *Mathematics of Computation*, 23(106):313–318, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Schucany:1968:NAR**
- [SG68] W. R. Schucany and H. L. Gray. A new approximation related to the error function (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):201–202, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Selfridge:1964:FNM**
- [SH64] J. L. Selfridge and Alexander Hurwitz. Fermat numbers and Mersenne numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):146–148, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Sprung:1965:GWO**
- [SH65] Donald W. L. Sprung and D. J. Hughes. Gauss weights and ordinates for  $\int_0^1 f(x)x^2 dx$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):139–142, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Shanks:1960:NGT**
- [Sha60a] Daniel Shanks. A note on Gaussian twin primes (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):201–203, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Sha60b] Daniel Shanks. On the conjecture of Hardy & Littlewood concerning the “Number of Primes of the Form  $n^2 + a$ ”. *Mathematics of Computation*, 14(72):321–332, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1960:CHL**
- [Sha61] Daniel Shanks. On numbers of the form  $n^4 + 1$ . *Mathematics of Computation*, 15(74):186–189, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1961:NF**
- [Sha62] H. S. Shapiro. Some remarks on modular arithmetic and parallel computation (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(78):218–222, April 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shapiro:1962:SRM**
- [Sha63a] Daniel Shanks. Supplementary data and remarks concerning a Hardy–Littlewood conjecture. *Mathematics of Computation*, 17(82):188–193, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1963:SDR**
- [Sha63b] George Shapiro. Gauss elimination for singular matrices (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):441–445, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shapiro:1963:GES**
- [Sha64a] Daniel Shanks. On maximal gaps between successive primes (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):646–651, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1964:PDS**
- [Sha64b] Daniel Shanks. Polylogarithms, Dirichlet series, and certain constants (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):322–324, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1964:SOT**
- [Sha64c] Daniel Shanks. The second-order term in the asymptotic expansion of  $B(x)$ . *Mathematics of Computation*, 18(85):75–86, January 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shampine:1965:QFU**
- [Sha65a] Lawrence F. Shampine. Quadrature formulas using derivatives (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):481–482, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1965:ROM**
- [Sha65b] Daniel Shanks. Review of: Marshall Hall, Jr. and James K. Senior, “The Groups of Order  $2^n (n \leq 6)$ ”. *Mathematics of Computation*, 19(90):335–337, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1965:RPB**
- [Sha65c] Daniel Shanks. Review of Paul T. Bateman and Roger A. Horn, “Primes Represented by irreducible polynomials in one variable”, in *Theory of Numbers*,

- pp. 119–132, in particular Tables II–V. *Mathematics of Computation*, 19(92):684–686, October 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Shi66] O. Shisha. The Chebyshev polynomial of best approximation to a given function on an interval. *Mathematics of Computation*, 20(94):266–271, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sha66] E. Baylis Shanks. Solutions of differential equations by evaluations of functions. *Mathematics of Computation*, 20(93):21–38, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sha67a] Daniel Shanks. Generalized Euler and class numbers. *Mathematics of Computation*, 21(100):689–694, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sha67b] Daniel Shanks. Lal’s constant and generalizations (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):705–707, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sha69] Daniel Shanks. On Gauss’s class number problems. *Mathematics of Computation*, 23(105):151–163, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Shi60] O. Shisha. The Chebyshev polynomial of best approximation to a given function on an interval. *Mathematics of Computation*, 14(94):266–271, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sho60] George Shortley. Book review: *The 3-j and 6-j Symbols*, by Manuel Rotenberg, R. Bivins, N. Metropolis, and John K. Wooten, Jr. *Mathematics of Computation*, 14(72):382–383, 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://links.jstor.org/sici?sici=0025-5718%28196010%2914%3A72%3C382%3ATAS%3E2.0.CO%3B2-C>.
- [Sie65] Irving H. Siegel. Deferment of computation in the method of least squares (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):329–331, April 1965. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sim65] W. E. Simon. Numerical technique for solution and error estimate for the initial value problem. *Mathematics of Computation*, 19(91):387–393, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sim67] R. Bruce Simpson. A fundamental solution for a biharmonic finite-difference operator. *Mathematics of Computation*, 21(99):321–339, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [SK61] **Salzer:1961:IFC**  
Herbert E. Salzer and Genevieve M. Kimbro. Improved formulas for complete and partial summation of certain series. *Mathematics of Computation*, 15(73):23–39, January 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SK67] **Shanks:1967:DMD**  
Daniel Shanks and Sidney Kravitz. On the distribution of Mersenne divisors (in technical notes and short notices). *Mathematics of Computation*, 21(97):97–101, January 1967. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SL61] **Salzer:1961:TWC**  
Herbert E. Salzer and Norman Levine. Table of a Weierstrass continuous non-differentiable function. *Mathematics of Computation*, 15(74):120–130, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SL68] **Salzer:1968:PEI**  
Herbert E. Salzer and Norman Levine. Proof that every integer  $\leq 452, 479, 659$  is a sum of five numbers of the form  $Q_x \equiv (x^3 + 5x)/6, x \geq 0$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):191–192, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SL69] **Smith:1969:AHT**  
W. E. Smith and J. N. Lyness. Applications of Hilbert transform theory to numerical quadrature. *Mathematics of Computation*, 23(106):231–252, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SM63] **Sankar:1963:NRM**  
R. Sankar and V. Malini. A note on the relative merits of Padé and Maehly's diagonal convergents in computing  $e^x$ . *Mathematics of Computation*, 17(84):414–418, October 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Smi65] **Smith:1965:ASO**  
Francis J. Smith. An algorithm for summing orthogonal polynomial series and their derivatives with applications to curve-fitting and interpolation. *Mathematics of Computation*, 19(89):33–36, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SO60] **Scheffler:1960:NEE**  
D. Scheffler and R. Ondrejka. The numerical evaluation of the eighteenth perfect number (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):199–200, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sol66] **Solomon:1966:SRS**  
Alan Solomon. Some remarks on the Stefan problem. *Mathematics of Computation*, 20(95):347–360, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Sol67] **Solomon:1967:SSP**  
A. Solomon. A steady state phase change problem. *Mathematics of Computation*, 21(99):355–359, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [Spi61] Kurt Spielberg. Efficient continued fraction approximations to elementary functions. *Mathematics of Computation*, 15(76):409–417, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spielberg:1961:ECF**
- [Spi62] Kurt Spielberg. Polynomial and continued-fraction approximations for logarithmic functions. *Mathematics of Computation*, 16(78):205–217, April 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spielberg:1962:PCF**
- [Spi66] Robert Spira. Zeros of sections of the zeta function. I. *Mathematics of Computation*, 20(96):542–550, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spira:1966:ZSZ**
- [Spi67] Robert Spira. Zeros of approximate functional approximations. *Mathematics of Computation*, 21(97):41–48, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spira:1967:ZAF**
- [Spi68] Robert Spira. Zeros of sections of the zeta function. II. *Mathematics of Computation*, 22(101):163–173, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spira:1968:ZSZ**
- [Spi69] Robert Spira. Calculation of Dirichlet  $L$ -functions. *Mathematics of Computation*, 23(107):489–497, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spira:1969:CDF**
- [Spo69] W. G. Spohn. On the lattice constant for  $|x^3 + y^3 + z^3| \leq 1$ . *Mathematics of Computation*, 23(105):141–149, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spohn:1969:LC**
- [Sri69] H. M. Srivastava. An extension of the Hille–Hardy formula. *Mathematics of Computation*, 23(106):305–311, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Srivastava:1969:EHH**
- [SS63a] D. D. Stancu and A. H. Stroud. Quadrature formulas with simple Gaussian nodes and multiple fixed nodes. *Mathematics of Computation*, 17(84):384–394, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stancu:1963:QFS**
- [SS63b] A. H. Stroud and Don Secrest. Approximate integration formulas for certain spherically symmetric regions. *Mathematics of Computation*, 17(82):105–135, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stroud:1963:AIF**
- [SS64] T. W. Sag and G. Szekeres. Numerical evaluation of high-dimensional integrals. *Mathematics of Computation*, 18(86):245–253, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Sag:1964:NEH**
- [SS65] M. L. Stein and P. R. Stein. Experimental results on additive 2-bases. *Mathematics of Computation*, 19(91):

- 427–434, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SS66] Daniel Shanks and Larry P. Schmid. Variations on a theorem of Landau. part I. *Mathematics of Computation*, 20(96):551–569, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Shanks:1966:VTL** [Ste64a]
- [SS68] Edward L. Spitznagel, Jr. and Stephen A. Szygenda. A computer study of the orders of finite simple groups (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):669–671, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Spitznagel:1968:CSO** [Ste64b]
- [SS69] V. L. N. Sarma and A. H. Stroud. Eberlein measure and mechanical quadrature formulae. II. numerical results. *Mathematics of Computation*, 23(108):781–784, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Sarma:1969:EMM** [Ste65]
- [Sta62] Robert D. Stalley. An algorithm for solving certain polynomial equations with coefficient parameters (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(77):106–109, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stalley:1962:ASC** [Ste68a]
- [Sta63] D. D. Stancu. Evaluation of the remainder term in approximation formulas by Bernstein polynomials. *Mathematics of Computation*, 17(83):270–278, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stancu:1963:ERT** [Ste68b]
- Richard Steck. A dynamic programming strategy for the two machine problem. *Mathematics of Computation*, 18(86):285–291, April 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Steck:1964:DPS**
- Rosemarie M. Stemmler. The ideal Waring theorem for exponents 401–200,000 (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(85):144–146, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stemmler:1964:IWT**
- Hans J. Stetter. Stabilizing predictors for weakly unstable correctors. *Mathematics of Computation*, 19(89):84–89, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stetter:1965:SPW**
- Franz Stetter. Error bounds for Gauss–Chebyshev quadrature (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):657–659, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stetter:1968:EBG**
- Franz Stetter. On a generalization of the midpoint rule (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(103):661–663, July 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). **Stetter:1968:GMR**

- [Ste69a] **Stengle:1969:UAS**  
 Gilbert Stengle. Uniform asymptotic solution of second order linear differential equations without turning varieties. *Mathematics of Computation*, 23(105):1–22, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ste69b] **Stewart:1969:LMF**  
 G. W. Stewart, III. On Lehmer's method for finding the zeros of a polynomial. *Mathematics of Computation*, 23(108):829–835, s24–s30, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See corrigendum [Ste71].
- [Ste71] **Stewart:1971:CLM**  
 G. W. Stewart, III. Corrigendum: "On Lehmer's Method for Finding the Zeros of a Polynomial". *Mathematics of Computation*, 25(113):203, January 1971. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See [Ste69b].
- [Sto61] **Stone:1961:ACL**  
 Henry Stone. Approximation of curves by line segments. *Mathematics of Computation*, 15(73):40–47, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str60a] **Stroud:1960:NIF**  
 A. H. Stroud. Numerical integration formulas of degree two. *Mathematics of Computation*, 14(69):21–26, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str60b] **Struble:1960:TUQ**  
 George Struble. Tables for use in quadrature formulas involving derivatives of the integrand. *Mathematics of Computation*, 14(69):8–12, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str61a] **Stroud:1961:BAI**  
 A. H. Stroud. A bibliography on approximate integration (in surveys and expository papers). *Mathematics of Computation*, 15(73):52–80, January 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str61b] **Stroud:1961:NIF**  
 A. H. Stroud. Numerical integration formulas of degree 3 for product regions and cones. *Mathematics of Computation*, 15(74):143–150, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str63] **Stroud:1963:CQF**  
 A. H. Stroud. Coefficients in quadrature formulas (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(83):289–291, July 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str64] **Stroud:1964:AIF**  
 A. H. Stroud. Approximate integration formulas of degree 3 for simplexes. *Mathematics of Computation*, 18(88):590–597, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str65] **Strand:1965:MCE**  
 Otto Neall Strand. A method for the computation of the error function of a complex variable (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(89):127–129, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Str66] **Stroud:1966:SFD**  
A. H. Stroud. Some fifth degree integration formulas for symmetric regions. *Mathematics of Computation*, 20(93):90–97, January 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str68a] **Strecok:1968:CIE**  
Anthony J. Strecok. On the calculation of the inverse of the error function. *Mathematics of Computation*, 22(101):144–158, January 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Str68b] **Stroud:1968:ESI**  
A. H. Stroud. Extensions of symmetric integration formulas. *Mathematics of Computation*, 22(102):271–274, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SW62] **Shanks:1962:CD**  
Daniel Shanks and John W. Wrench, Jr. Calculation of  $\pi$  to 100,000 decimals. *Mathematics of Computation*, 16(77):76–99, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003813>. A note added in proof says: “J. M. Gerard of IBM United Kingdom Limited, who was then unaware of the computation described above, computed  $\pi$  to 20,000 D on the 7090 in the London Data Centre on July 31, 1961. His program used Machin’s formula,  $(1) [\pi = 16 \arctan(1/5) - 4 \arctan(1/239)]$ , and required 39 minutes running time. His result agrees with ours to that number of decimals.”
- [SW63] **Shanks:1963:CCD**  
Daniel Shanks and John W. Wrench, Jr. The calculation of certain Dirichlet series. *Mathematics of Computation*, 17(82):136–154, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SW69a] **Shampine:1969:BIO**  
L. F. Shampine and H. A. Watts. Block implicit one-step methods. *Mathematics of Computation*, 23(108):731–740, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [SW69b] **Swartz:1969:GFD**  
Blair Swartz and Burton Wendroff. Generalized finite-difference schemes. *Mathematics of Computation*, 23(105):37–49, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Swa68] **Swartz:1968:EBE**  
Blair K. Swartz. Explicit  $O(h^2)$  bounds on the eigenvalues of the half- $L$ . *Mathematics of Computation*, 22(101):40–59, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Swe63] **Sweeney:1963:CEC**  
Dura W. Sweeney. On the computation of Euler’s constant. *Mathematics of Computation*, 17(82):170–178, April 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Swi60] **Swift:1960:CGF**  
J. D. Swift. Construction of Galois fields of characteristic two and irreducible polynomials. *Mathematics of Computation*, 14(70):99–103, April 1960.

- CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tai67] R. Tait. Error analysis of recurrence equations. *Mathematics of Computation*, 21(100):629–638, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tak66] Roy Takenaga. On the evaluation of the incomplete gamma function (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):606–610, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tam62] T. Tamir. Characteristic exponents of Mathieu functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(77):100–106, January 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tau65] Robert C. Tausworthe. Random numbers generated by linear recurrence modulo two. *Mathematics of Computation*, 19(90):201–209, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2003345>.
- [Tha61] Henry C. Thacher, Jr. Iterated square root expansions for the inverse cosine and inverse hyperbolic cosine. *Mathematics of Computation*, 15(76):399–403, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tho65] G. T. Thompson. The asymptotic expansion of the integrals psi and chi in terms of Tchebycheff polynomials (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):661–663, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tho66] Rory Thompson. Evaluation of  $I_n(b) = 2\pi^{-1} \int_0^\infty \left(\frac{\sin x}{x}\right)^n \cos(bx) dx$  and of similar integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):330–332, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Thu69a] V. Thuraiamy. Approximate solutions for mixed boundary value problems by finite-difference methods. *Mathematics of Computation*, 23(106):373–386, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Thu69b] V. Thuraiamy. Monotone type discrete analogue for the mixed boundary value problem. *Mathematics of Computation*, 23(106):387–394, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [TM68] Robert F. Tooper and John Mark. Simplified calculation of  $ei(x)$  for positive arguments, and a short table of  $Shi(x)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):448–449, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [Tra65] **Traub:1965:GSA**  
J. F. Traub. Generalized sequences with applications to the discrete calculus. *Mathematics of Computation*, 19(90):177–200, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tra66] **Traub:1966:CGC**  
J. F. Traub. A class of globally convergent iteration functions for the solution of polynomial equations. *Mathematics of Computation*, 20(93):113–138, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tre66] **Treanor:1966:MNI**  
Charles E. Treanor. A method for the numerical integration of coupled first-order differential equations with greatly different time constants. *Mathematics of Computation*, 20(93):39–45, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [TS61] **Theilheimer:1961:FSL**  
Feodor Theilheimer and William Starkweather. The fairing of ship lines on a high-speed computer. *Mathematics of Computation*, 15(76):338–355, October 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tuc67] **Tuck:1967:SFT**  
E. O. Tuck. A simple “Filon-trapezoidal” rule (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):239–241, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Tun66] **Tung:1966:BDK**  
Shih-Hsiung Tung. Boundedness of difference kernels of Bessel and Fourier series (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):157–163, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Uch66] **Uchiyama:1966:NTJ**  
Saburo Uchiyama. A note on a theorem of J. N. Franklin (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):139–140, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Val68] **Valentin:1968:UHI**  
Richard A. Valentin. The use of the hypercircle inequality in deriving a class of numerical approximation rules for analytic functions. *Mathematics of Computation*, 22(101):110–117, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Van64] **Tuyl:1964:ESD**  
A. H. Van Tuyl. The evaluation of some definite integrals involving Bessel functions which occur in hydrodynamics and elasticity. *Mathematics of Computation*, 18(87):421–432, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Van69] **VandeVel:1969:SEM**  
H. Van de Vel. On the series expansion method for computing incomplete elliptic integrals of the first and second kinds. *Mathematics of Computation*, 23(105):61–69, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Var66] **Varah:1966:CPA**  
J. M. Varah. Certification of Parlett’s ALGOL eigenvalue procedure Eig 3 (in Technical Notes and Short Papers).

- Mathematics of Computation*, 20(95): 437–438, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Var68a] J. M. Varah. The calculation of the eigenvectors of a general complex matrix by inverse iteration. *Mathematics of Computation*, 22(104):785–791, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Var68b] J. M. Varah. Rigorous machine bounds for the eigensystem of a general complex matrix. *Mathematics of Computation*, 22(104):793–801, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver65] Arun Verma. A class of expansions of  $G$ -functions and the Laplace transform (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92): 664–666, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver66a] Arun Verma. Certain expansions of the basic hypergeometric functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):151–157, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver66b] Arun Verma. Expansions involving hypergeometric functions of two variables. *Mathematics of Computation*, 20(96): 590–596, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver66c] Arun Verma. A note on an expansion of hypergeometric functions of two variables. *Mathematics of Computation*, 20(95):413–417, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver67a] Arun Verma. A note on expansions involving Meijer’s  $G$ -functions (in technical notes and short notices). *Mathematics of Computation*, 21(97):107–112, January 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Ver67b] Arun Verma. A note on the summation of the generalised hypergeometric functions (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):232–236, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [vH63] R. E. von Holdt and R. J. Howerton. The definite integral of the product of linear functions. *Mathematics of Computation*, 17(84):419–425, October 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Voi66] Robert G. Voigt. On a numerical solution of an integral equation with singularities (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):163–166, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

**Varah:1968:CEG****Verma:1966:NEH****Varah:1968:RMB****Verma:1967:NEI****Verma:1965:CEF****Verma:1967:NSG****Verma:1966:CEB****vonHoldt:1963:DIP****Verma:1966:EIH****Voigt:1966:NSI**

- [von67] **vonRosenberg:1967:NSF**  
Dale U. von Rosenberg. Numerical solution for flux components in potential flow. *Mathematics of Computation*, 21(100):620–628, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [vv66] **vandeVooren:1966:NCI**  
A. I. van de Vooren and H. J. van Linde. Numerical calculation of integrals with strongly oscillating integrand. *Mathematics of Computation*, 20(94):232–245, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [vW69] **vandeLune:1969:NSD**  
J. van de Lune and E. Wattel. On the numerical solution of a differential-difference equation arising in analytic number theory (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(106):417–421, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [vZW64] **Wadsworth:1964:IAE**  
D. van Z. Wadsworth. Improved asymptotic expansion for the error function with imaginary argument (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(88):662–664, October 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [vZW65] **Wadsworth:1965:IAE**  
Donald van Zelm Wadsworth. Improved asymptotic expansion for the exponential integral with positive argument (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(90):327–328, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wag67] **Wagstaff:1967:SIN**  
S. S. Wagstaff, Jr. On sequences of integers with no 4, or no 5 numbers in arithmetical progression. *Mathematics of Computation*, 21(100):695–699, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wal69] **Walters:1969:NME**  
Jerry A. Walters. Nonnegative matrix equations having positive solutions. *Mathematics of Computation*, 23(108):827, October 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wat62a] **Watson:1962:PPM**  
E. J. Watson. Primitive polynomials (mod 2). *Mathematics of Computation*, 16(79):368–369, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wat62b] **Watson:1962:PPT**  
E. J. Watson. Primitive polynomials (Mod 2) (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(79):368–369, July 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WB64] **White:1964:CMC**  
Paul A. White and Robert R. Brown. A comparison of methods for computing the eigenvalues and eigenvectors of a real symmetric matrix. *Mathematics of Computation*, 18(87):457–463, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).



- [WC61] Helmut Werner and Robert Collinge. Chebyshev approximations to the gamma function (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(74):195–197, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WG64] H. H. Wang and R. T. Gregory. On the reduction of an arbitrary real square matrix to tridiagonal form (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):501–505, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WD61] Harry Weingarten and A. R. Di Donato. A table of generalized circular error. *Mathematics of Computation*, 15(74):169–173, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WGZ65] H. C. Williams, R. A. German, and C. R. Zarnke. Solution of the Cattle Problem of Archimedes (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(92):671–674, October 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wel61] Mark B. Wells. Generation of permutations by transposition (in Technical Notes and Short Papers). *Mathematics of Computation*, 15(74):192–195, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Whi63] John R. B. Whittlesey. Incomplete gamma functions for evaluating Erlang process probabilities. *Mathematics of Computation*, 17(81):11–17, January 1963. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wen65] Burton Wendroff. Bounds for eigenvalues of some differential operators by the Rayleigh–Ritz method. *Mathematics of Computation*, 19(90):218–224, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WG60] Charles Walmsley and Arthur S. G. Grant. The Fourier transform of  $[c^{2k} + (x - x^{-1})^{2k}]^{-1}$  arising from study of tuned circuit spectra (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(70):193–195, April 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Whi65] E. L. Whitney. Estimates of weights in Gauss-type quadrature. *Mathematics of Computation*, 19(90):277–286, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wid65] Olof B. Widlund. On the stability of parabolic difference schemes. *Mathematics of Computation*, 19(89):1–13, April 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.jstor.org/stable/2004090>.
- [Wid66] Olof B. Widlund. On the rate of convergence of an alternating direction im-

- licit method in a noncommutative case. *Mathematics of Computation*, 20(96):500–515, October 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wig69] Neil M. Wigley. On a method to subtract off a singularity at a corner for the Dirichlet or Neumann problem. *Mathematics of Computation*, 23(106):395–401, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wig63] Herbert S. Wilf. Calculations relating to a conjecture of Polya and Schoenberg. *Mathematics of Computation*, 17(82):200–201, April 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wig64] W. R. Wilcox. Asymptotic computation of the repeated integrals of the error function complement. *Mathematics of Computation*, 18(85):98–105, January 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wig67] Leopold B. Willner. An elimination method for computing the generalized inverse (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(98):227–229, April 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wig68] Peter H. Wilcox. The zeros of  $P_\nu^1(\cos \theta)$  and  $\frac{\partial}{\partial \theta} P_\mu^1(\cos \theta)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(101):205–208, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wil69] M. Wayne Wilson. A general algorithm for nonnegative quadrature formulas. *Mathematics of Computation*, 23(106):253–258, April 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wim61] Jet Wimp. Polynomial approximations to integral transforms. *Mathematics of Computation*, 15(74):174–178, April 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wim62] Jet Wimp. Polynomial expansions of Bessel functions and some associated functions. *Mathematics of Computation*, 16(80):446–458, October 1962. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). See corrigendum [Wim72].
- [Wim67] Jet Wimp. The asymptotic representation of a class of  $G$ -functions for large parameter. *Mathematics of Computation*, 21(100):639–646, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wim68] Jet Wimp. Recursion formulae of hypergeometric functions. *Mathematics of Computation*, 22(102):363–373, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wim72] Jet Wimp. Corrigendum: *Polynomial expansions of Bessel functions and*

- some associated functions (Math. Comp. **16** (1962), 446–458). *Mathematics of Computation*, 26(117):309, January 1972. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/1972-26-117/S0025-5718-1972-0400659-X>; <http://www.ams.org/journals/mcom/1972-26-117/S0025-5718-1972-0400659-X.pdf>; <https://www.ams.org/mathscinet-getitem?mr=400659>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wimp%2C%20Jet>. See [Wim62].
- Weil:1967:ZTN**
- [WMR67] Joyce Weil, Tadepalli S. Murty, and Desiraju B. Rao. Zeros of  $J_n(\lambda)Y_n(\eta\lambda) - J_n(\eta\lambda)Y_n(\lambda)$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):722–727, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Wood:1966:SIR**
- [Woo66] Van E. Wood. Some integrals of Ramanujan and related contour integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):424–429, July 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Wood:1967:CEI**
- [Woo67] Van E. Wood. Chebyshev expansions for integrals of the error function (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(99):494–496, July 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Wood:1968:ECC**
- [Woo68] Van E. Wood. Efficient calculation of Clausen’s integral (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(104):883–884, October 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Walton:1960:CTM**
- [WP60] Thomas S. Walton and Harry Polachek. Calculation of transient motion of submerged cables. *Mathematics of Computation*, 14(69):27–46, January 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Witty:1964:NMN**
- [Wit64] W. H. Witty. A new method of numerical integration of differential equations (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(87):497–500, July 1964. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Wood:1966:DBI**
- [WKG66] Van E. Wood, R. P. Kenan, and M. L. Glasser. Doppler broadening integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(96):610–611, October 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Wells:1965:NSC**
- [WM65] Jacqueline Wells and Joseph Muskat. On the number of solutions of certain trinomial congruences (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):483–487, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- [WR63] **Werner:1963:AFI** H. Werner and G. Raymann. An approximation to the Fermi integral  $F_{1/2}(x)$ . *Mathematics of Computation*, 17(82):193–194, April 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wra64] **Wrathall:1964:NFF** Claude P. Wrathall. New factors of Fermat numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 18(86):324–325, April 1964. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wre60] **Wrench:1960:FEK** John W. Wrench, Jr. Further evaluation of Khintchine’s constant (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):370–371, October 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wre61] **Wrench:1961:EAC** John W. Wrench, Jr. Evaluation of Artin’s constant and the twin-prime constant. *Mathematics of Computation*, 15(76):396–398, October 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wre68] **Wrench:1968:CTS** John W. Wrench, Jr. Concerning two series for the gamma function. *Mathematics of Computation*, 22(103):617–626, July 1968. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [WS66] **Wrench:1966:QCK** John W. Wrench, Jr. and Daniel Shanks. Questions concerning Khintchine’s constant and the efficient computation of regular continued fractions (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(95):444–448, July 1966. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wun62] **Wunderlich:1962:CPP** M. Wunderlich. Certain properties of pyramidal and figurate numbers (in Technical Notes and Short Papers). *Mathematics of Computation*, 16(80):482–486, October 1962. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wun63] **Wunderlich:1963:NEF** M. Wunderlich. On the non-existence of Fibonacci squares (in Technical Notes and Short Papers). *Mathematics of Computation*, 17(84):455–457, October 1963. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wyn60] **Wynn:1960:RAF** P. Wynn. The rational approximation of functions which are formally defined by a power series expansion. *Mathematics of Computation*, 14(70):147–186, April 1960. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wyn61] **Wynn:1961:EAO** P. Wynn. The epsilon algorithm and operational formulas of numerical analysis. *Mathematics of Computation*, 15(74):151–158, April 1961. CODEN MCM-PAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [Wyn62] **Wynn:1962:ATI** P. Wynn. Acceleration techniques for iterated vector and matrix problems. *Mathematics of Computation*, 16(79):301–322, July 1962. CODEN MCM-PAF.

- ISSN 0025-5718 (print), 1088-6842 (electronic).
- Williams:1968:RPN**
- [WZ68] H. C. Williams and C. R. Zarnke. A report on prime numbers of the forms  $M = (6a + 1)2^{2m-1} - 1$  and  $M' = (6a - 1)2^{2m} - 1$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 22(102):420–422, April 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yamaguti:1967:SRL**
- [Yam67] Masaya Yamaguti. Some remarks on the Lax–Wendroff finite-difference scheme for nonsymmetric hyperbolic systems. *Mathematics of Computation*, 21(100):611–619, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yang:1965:NMV**
- [Yan65] C. H. Yang. A note on the maximum value of determinants over the complex field (in Technical Notes and Short Papers). *Mathematics of Computation*, 19(91):455–456, July 1965. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yang:1966:SDM**
- [Yan66] C. H. Yang. Some designs for maximal  $(+1, -1)$ -determinant of order  $n \equiv 2 \pmod{4}$  (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(93):147–148, January 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yang:1968:DMM**
- [Yan68] C. H. Yang. On designs of maximal  $(+1, -1)$ -matrices of order  $n \equiv 2 \pmod{4}$ . *Mathematics of Computation*, 22(101):174–180, January 1968. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yang:1969:DMM**
- [Yan69] C. H. Yang. On designs of maximal  $(+1, -1)$ -matrices of order  $n \equiv 2 \pmod{4}$ . II (in Technical Notes and Short Papers). *Mathematics of Computation*, 23(105):201–205, January 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Yamabe:1961:CAF**
- [YP61] Hidehiko Yamabe and David Pope. A computational approach to the four-color problem. *Mathematics of Computation*, 15(75):250–253, July 1961. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- Zassenhaus:1969:PH**
- [ZL69] H. Zassenhaus and J. Liang. On a problem of hasse. *Mathematics of Computation*, 23(107):515–519, July 1969. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).