

# A Bibliography of Publications about the Computation of Elementary Functions in Computer Programming Languages

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## Title word cross-reference

**#3506** [Fet81b, Köl97]. **#6725** [Fet81a].

$(0, 2)$  [GRS87].  $(\eta, \pi)$  [BDG<sup>+</sup>84].  $(\eta, \rho)$  [BDG<sup>+</sup>72].  $(n, 1)$  [Kra85b].  
 $(n, 2)$  [Kra85a].  $(x/d)$  [ALB98].  $-1/2$  [CT67a, CT67b].  
 $-\infty < N < +\infty$  [Kog57, Kog58b].  $0$  [Col80, Col84].  $0 < N < 1$  [Kog58a].  
 $1$  [NDT69, Pas92].  $1/2$  [CT67a, CT67b].  $1/9$  [Mag94].  $1/n$  [Boy09].  
 $1/x$  [TBDS11].  $10$  [Col80, Col84, NDT69].  $2$  [Bak73, Bak75a, Bas01, BJK<sup>+</sup>11,  
CL94a, CP99, LO95, MIT<sup>+</sup>95, MC93, MC95, PZ95].  $29, 360, 000$  [Bai88].  
 $2^p$  [Mer94].  $2\pi \int_0^\infty (\sin tt)^n dt$  [HKW60].  $3$  [NKY08].  $3/2$  [CT67a, CT67b].  
 $38$  [Gus78a].  $3j$  [SG76].  $4$  [BH01, EL90, LA01, LA03, NL99].  $6j$  [SG76].  
 $8$  [HF95, PZ95].  $[-1, 1]$  [HR88].  $[0, \infty)$  [CMV69].  $^2$  [Sel93].  ${}_1F_1(a, b, z)$  [AG08].  
 ${}_2F_1(a, b; c; x)$  [TC01].  ${}_2F_1(a; b; c; z)$  [BS00].  ${}_2F_2(1, \alpha; \rho_1, \rho_2; z)$  [Kim72].

${}_3F_2$  [Büh87].  ${}_n$  [LDP93].  ${}_pF_{p-1}(a; b; z)$  [BS06].  
 ${}_pF_{p-1}(a_1, \dots, a_p; b_1, \dots, b_{p-1}; 1)$  [Sko05].  ${}_pF_{p-1}(z)$  [Sko04].  $a$  [AG08].  $a, b$  [DJ67].  
 $\text{Ai}(x)$  [MPG92a, MPG92b].  $\arctan Z$  [Luk57].  $B$  [Wen09, AG08].  
 $\text{bei}$  [Tha62a].  $\text{ber}$  [Tha62a].  $c$  [FLS06].  $\chi^2$  [Fet79].  $\cos$  [Tur69].  
 $\cos(x)/x$  [GK70b, Gau66a].  $\cos^{-1}$  [MMM93].  $\cosh z = az$  [Fet76].  
 $\cos x$  [Bar72, Bar72].  $E$  [Cod65a, Cod66, FC64, FC64].  $e^{-x}$  [Bar72, CMV69].  
 $e^{-z}$  [Sie76].  $e^N$  [Kog57].  $e^x$  [Bar72].  $e^x/x$  [GK70b, Gau66a].  $E_1(x)$  [CT68].  
 $E_1(x), x > 0$  [SZ77].  $E_n(x)$  [SZ74].  $E_\nu(x)$  [CLM88].  
 $Ei(x)$  [CT69, Ng70, Pac70, Red70, TM68].  
 $\epsilon$  [Bre78a, Kal04, KWW07a, KWW07b, Mat92].  $\eta$  [BFSG74, BFSG84].  
 $\exp(Bt)$  [PN85].  $\exp(x)$  [Mar86].  $F$  [Dor68].  $F(a; b; c; z)$  [FLS06].  
 $f(\infty)$  [BB94].  $F(n/2, 1/2, x)$  [Uni49].  $f(x)$  [BB94].  $F_0(x)$  [SC71].  
 $F_{1/2}(x)$  [WR63].  $F_2$  [OSS09].  $F_3^m$  [AH10].  $F_a(\alpha; \beta, \beta'; \gamma; x, y)$  [TS76].  
 $F_\lambda(\eta, x)$  [Bar82a].  $F_m(x)$  [CP98].  $G$  [SS10, Lev91b].  $G_\lambda(\eta, x)$  [Bar82a].  
 $\Gamma$  [BB82, BF92].  $\Gamma_3$  [CS11].  $GF(2^m)$  [RHMLL08].  $H$  [KS04].  
 $H_n^{(1)}(z)$  [AM79, AM84a].  $H_n^{(2)}(z)$  [AM79, AM84a].  $I$  [Soo73a].  $I_0$  [Hil77].  
 $I_0(x)$  [Bla74].  $I_0(\xi)$  [Las82].  $I_1(x)$  [Bla74].  
 $I_n(b) = 2\pi^{-1} \int_0^\infty (\sin xx)^n \cos(bx) dx$  [Tho66].  
 $I_n(b) = 2\pi \int_0^\infty (\sin xx)^n \cos bxx dx$  [Fet67].  
 $I_n(b) = 2\pi \int_0^\infty \left( \sin xx \right)^n \cos(bx) dx$  [MR65].  $I_n(X)$  [D. 44].  $I_n(x + jy)$  [Sca71].  
 $I_\nu(x)$  [ADW77a, ADW77b, Amo78].  $I_{-nu}(z)$  [Tho04, Cam81, TB87, Cam84a].  
 $\int_0^\infty t^{2\alpha-1} (1+t^2)^{1-\alpha-\beta} J_\nu(x_1+t^2) dt$  [Gla79].  
 $\int_0^\infty t^{2\alpha-1} J_\nu(x_1+t^2) (1+t^2)^{\alpha+\beta-1} dt$  [Sch78a].  $\int_x^\infty e^{-t^2/2} t^p dt, x > 0, p$  [DiD78].  
 $\int_x^\infty J_0(t) t^{-n} dt$  [Lon59].  $\int_x^\infty J_1(t) t^{-n} dt$  [Lon59].  $\int_0^{\pi/2} J_0^2(\gamma \sin x) dx$  [SF87].  
 $\int_0^{\pi/2} J_\nu^2(\lambda \cos \theta) d\theta$  [Won88].  $\int_0^\infty \exp(-ct) dt/t(1+t^2)$  [Act74].  
 $\int_0^\infty t^n \exp(-t^2 - x/t) dt$  [CP79].  $\text{inverfc}\theta$  [Phi60].  
 $J$  [Gun65b, Gun65c, Soo73a].  $J'_l(x)$  [Bea58].  $J_{-\nu}(x)$  [CK79].  
 $J_0$  [AM77, AM84c].  $J_0(x)$  [GM88, MG85, Sch64, WBR82].  $J_1$  [AM77, AM84c].  
 $J_1(x)$  [GM88, WBR82].  $j_l(r)$  [Del79].  $J_l(x)$  [Bea58].  $j_n$  [AM78b, AM84b].  
 $J_n(x)$  [Col80, Col84].  $J_n(x + jy)$  [Sca71].  $J_n(z)$  [AM79, AM84a, dT93, CM83].  
 $J_\nu(x)$  [ADW77a, ADW77b, Amo78, Cam79, Cam84b, MG89].  $J_\nu(z)$  [ES99].  
 $\text{Je}_0(a, z)$  [DK90].  
 $K$  [BST13, Cod65a, Bas01, Lem88, LC87, Cod66, FC64, Lau73, FC64].  
 $K_0(z)$  [Bur74].  $K_1(z)$  [Bur74].  $K_{i\zeta}(x)$  [BO75].  $K_n(Z)$  [Par72, LG79].  
 $K_\nu(t)/I_\nu(t)$  [LL72].  $K_\nu(z)$  [Cam81, Cam84a, TB87, Tho04].  $K_p(x)$  [Aha69].  
 $Ki_n(x)$  [BEJ78].  $Ki_s(x)$  [GP64].  $L$  [ZSA86].  $l(r)$  [Del84].  
 $L_p$  [Hei88, Ubh89, JMS98].  $\lambda$  [Bar84b].  $\log_2 x$  [KP75].  $\log Z$  [Luk57].  
 $M$  [Kog59].  $M(a, b, x)$  [Mul01].  $M_{k,1/2}$  [Lau73].  $\text{mod} p$  [Sch85].  $\mu$  [Kun81].  
 $N$  [BH99, Hig93, CL00, Lev91a, Rei69, CH89, Kog59].  $\nu$  [CH70a, CK79].  
 $O(N^2/\log^{3/2} N)$  [SR81].  $O(n^3 L)$  [Gon89].  $p$  [ADN03, CL11, Tor02, Tur94].  
 $P_\nu^1(\cos \theta)$  [Wil68].  $\partial\partial\theta P_\mu^1(\cos \theta)$  [Wil68].  $\phi$  [Pro88].  $\pi$  [Bai88, BBB89, Sal76a].

$\psi$  [Gla66].  $\psi(x)$  [DR98].  $\psi(x) - \theta(x)$  [Per87, Per85b].  $\psi(x; 3, l)$  [McC84].  
 $\psi(z)$  [McC81].  $q$  [Bor88, GA08, Kra95].  $R^2$  [Bos89].  $\rho$  [BFSG74, BFSG84].  
 $S_n$  [SM77, SM78].  $Shi(x)$  [TM68].  $\sin$  [Tur69].  $\sin(x)/x$  [GK70b, Gau66a].  
 $\sin^{-1}$  [MMM93].  $\sin x$  [Bar72, Bar72].  $\sin z = az, \cos z = az$  [Fet76].  
 $\sqrt{x}$  [And82].  $\sum_{n=1}^{\infty} n^{p-1} E_n^*(f) < \infty$  [HS83].  
 $t$  [Hil70a, Hil70b, Hil73, Hil81a, Hil81b, eL79].  $\Theta$  [Fdi97].  $\theta(x; 3, l)$  [McC84].  
 $U(a, b, z)$  [Tem83a].  $U(a, x)$  [SGA81, GST06a, GST06b].  
 $V(a, x)$  [SGA81, GST06a, GST06b, RL76].  $W$  [Gau11, Veb12].  
 $W(a, \pm x)$  [SGA81].  $W(a, x)$  [GST11a, GST11b].  $W_{k,1/2}$  [Lau73].  
 $W_{k,m}(z)$  [Won73, WR71].  $\wp$  [Eck76, Sou57, T.57].  $X$  [HJ67b, Kah80, Mou67].  
 $x = 0$  [BB94, Mid75].  $x^2 + y^2$  [BJK<sup>+</sup>11].  $x^n$  [McC77, NL94].  
 $x \exp(i\pi/4)$  [Wal84].  $x \geq 0, \nu \geq 0$  [ADW77a, ADW77b, Amo78].  
 $Y_0(x)$  [WBR82].  $Y_0(z)$  [ZB95, Zha96].  $Y_1(x)$  [WBR82].  $Y_1(z)$  [Zha95, Zha96].  
 $y_n$  [AM78b, AM84b].  $Y_n(z)$  [AM79, AM84a, ZB97, dT93].  $Y_\nu(x)$  [Cam79].  
 $Z$  [Som82].  $z = 1$  [BS06, Sko04].  $Z^2$  [Lef05].  $Z\alpha$  [FR76].  $Z\alpha^2$  [FR76].  
 $\zeta(\alpha, s)$  [BS06].  $|x|^\alpha$  [GS91].

**-algorithm** [Bre78a, Mat92]. **-analogues** [GA08]. **-Bessel** [BST13].  
**-binomial** [Kra95]. **-continued** [Lev91b]. **-D** [BJK<sup>+</sup>11]. **-DIIS** [Sel93].  
**-discrepancy** [Pro88]. **-Distribution** [Hil70a, Fet79, Hil81a, eL79, Dor68].  
**-elementary** [Bor88]. **-expansion** [Kal04, KWy07a, KWy07b].  
**-fractions** [Lev91a]. **-Function** [Eck76, Gla66, BF92].  
**-functions** [BB82, Gau11]. **-gamma** [GA08]. **-interpolation** [GRS87].  
**-norm** [JMS98]. **-periodic** [Lem88]. **-plane** [BDG<sup>+</sup>84].  
**-Quantiles** [Hil70b, Hil81b]. **-saturation** [Hei88]. **-select** [CL00].  
**-spaces** [Som82]. **-transforms** [KS04]. **-type** [Fdi97].  
**-Zeros** [CH70a, CK79].

/ [Tur69].

**1** [Frö63a]. **10th** [KM91]. **11th** [SLJ93]. **121** [Laz85]. **121-122** [Laz85].  
**122** [Laz85]. **123** [HJ67b]. **12th** [KM95]. **13** [Joh87b]. **13th** [LMT97].  
**14** [Bea60]. **144** [ACG<sup>+</sup>87]. **149** [Mer62, Tha63b]. **14th** [KK99].  
**15th** [BC01]. **1604** [Mae60]. **163** [Fet63]. **165** [Far69, Tha63a]. **167** [PZ95].  
**16BST** [Cat85]. **16th** [VDR05]. **179** [BB74, Lud63, PH67]. **17th** [IEE05].  
**18-19** [IEE81a]. **180** [HJ67b]. **181** [HJ67b]. **18th** [KM07].  
**191** [Kop74, Rel63a, Rel63b]. **192** [Rel63c]. **1975** [Ask75, Tra76].  
**1976** [Cow77]. **1983/84** [Laz85]. **1990** [BL91]. **1993** [BCEP94].  
**1996** [Boi97]. **1999** [CDS00, DIW00, SC01]. **19th** [BCDH09].

**2** [IM99a]. **2001** [BC01]. **2002** [Bor02, KV03]. **2005** [HUY07, IL07].  
**2006** [Ano06, Men06]. **209** [HJ67b]. **20th** [Bre00, SO11].  
**213** [Gra63a, Gra64]. **222** [Gau64a, Gau64b]. **225** [Bra64, CC64].  
**226** [HJ67b]. **244** [LG64]. **245** [Mac89]. **252** [Gun65a]. **259** [Gau65].

**260** [Gun65b]. **261** [Gun65c]. **272** [HJ67b]. **282** [Gau66a]. **291** [PH66].  
**292** [Gau66b, Gau69b, Köl69a]. **299** [HP67, OW68].

**30** [ACG<sup>+</sup>87]. **30-ns** [MIT<sup>+</sup>95]. **300** [Gun67, Köl69b, Köl69c, Vos73].  
**301** [BP67, Pit67]. **304** [Ber68, HJ67a, HJ67b]. **30th** [IEE89b]. **312** [Fri67].  
**32** [ASA06]. **322** [Dor68]. **332** [Sko75, Wit68]. **33rd** [Spr00]. **34** [Fra81].  
**349** [TS69]. **352** [Cle69]. **3600** [Cod64]. **363** [Gau69a, Köl72a]. **38** [Bin68].  
**3800** [WOG95]. **385** [Pac70]. **392** [Fri72, SM70]. **395** [Hil70a]. **396** [Hil70b].  
**3DNow** [IM99a].

**40** [Fet81a]. **404** [LT71]. **421** [Kuk72a]. **43** [Fet81b, Köl97].  
**435** [Ful72, Sch78b]. **44** [Per87]. **442** [HD73]. **44th** [Men06]. **45** [Lew87].  
**465** [Hil73]. **47** [Cob69, Tho04]. **471** [Gau73]. **484** [Bur74]. **487** [Pom74].  
**488** [Bre74]. **490** [GZ75, Mor76]. **498** [Pri75]. **4th** [IEE78].

**50th** [Gau94]. **511** [ADW77a, Amo78]. **518** [Hil77]. **542** [Gau79a].  
**549** [Eck80]. **55** [Her61a, Tha63c]. **55-b** [MIT<sup>+</sup>95]. **56** [Her61b, Lar66].  
**57** [Her61c, Tha62a]. **577** [CN81]. **585** [Bre82a].  
**5th** [Ano03, IEE81a, IEE81b, IL07].

**6** [Gun65b]. **6-** [Gun65b]. **60** [Tem79]. **610** [Amo83].  
**64** [HKST99, Mar00, ST99]. **644** [Amo86, Amo90, Amo95, Kod07].  
**650** [Joh87a]. **69-0172** [Fet81a].

**708** [BL94, DM92]. **723** [And00]. **73** [Jef62, Mey63, vdR63]. **736** [DR94a].  
**745** [Goa95, Goa97]. **754** [AHM<sup>+</sup>98, AAHTH10, BT99, DR04, Hou81].  
**757** [Mac96]. **77** [GST02b, WNO94]. **78** [Has66]. **794** [Wie99].  
**7th** [Ano06, Hwa85].

**804** [Alh00a]. **814** [Smi01]. **819** [GST02b]. **81f** [Fra81]. **822** [GST02c].  
**831** [GST04a]. **838** [Fab04]. **850** [GST06a]. **858** [VC06a]. **86k** [Per87].  
**86m** [Lew87]. **877** [Kod08]. **88** [Cun62a]. **885** [Lin09].  
**'89** [IEE89c, ACM89, Cun62b]. **895** [BC09].

**9** [Gun65c]. **9-** [Gun65c]. **'90** [Koo91, Cun62c, Smi01, Tho97a]. **903** [CZ10].  
**'91** [IEE91, Koo91]. **910** [Kor11]. **911** [Smi11]. **912** [Kod11]. **914** [GST11a].  
**916** [ZA11]. **92** [VRS<sup>+</sup>99]. **'96** [Lak96, RDK98]. **9th** [ES89].

**A-Priori** [Krä87]. **A.F.** [Leh83b]. **abc** [CLZ04]. **Abramowitz** [Dav59].  
**Absolute** [MM91b, Mat90a, Fri67]. **abstracts** [Spr00]. **Academy** [Mil75].  
**accelerated** [DGB82]. **Accelerating** [BMR04, Vep08].  
**Acceleration** [Alb62, Boy09, Bra65, Bre82b, CRZ00, DGS65, FFS83, Gus66,  
HBS00, Hom96a, Hom96b, Hom97a, Hom97b, Hom97c, Hom97d, Hom98a,  
IBM05, KP03, LB90, Osa90, Ovt03, Pas03, Sel93, SF79, Tro84, UE05, Wil12,

Wyn72, Bre77, Del81, AGJ86, Ano67, BD85, Bel90, Bre77, Bre78c, Bre78a, Bre78b, BDGB83, Bre83, Bre85, Bre88, Bre99, Bre00, BCG91, Cro92, DK82, DGB80, Del81, Fdi97, GB90, Gus78a, Gus78b, Gus84, Gus85, GS91, HP93, Har77, Hau88, Hom94, Hom98b, Hom99, Ise91, Ise94, JW88, Joh83, Kru99, Kza92, Kza99, Lem88, LP88, Lev91a, Lev91b, LP95, Lon81, Mat90a, Mat92, Mül93, Mül99, Now06, Ole96, Osa94, Pas92, Pas08, Pas10, Pas11, RdL01, Sch68, Sed90, SL83, SS98, Wen89, Wen01, DGB80]. **accelerators** [Sid06]. **Accuracy** [BBM84, BHK09, Gal85, GB68, Ike76, LDP93, Sal51b, SF59, Bar84b, Bra64, CC64, Gal86, Kra88, Loe01, Sch80, TB87, Bra87, Rot71, von80, Mül90]. **Accurate** [AFC10, ASA06, AM79, AM84a, Bin68, FB91, FR76, GB91, Har09b, KB90, LJ13, MNP83, MT85, MT86, SS97b, SS97a, SZ05, SS99b, Tan90a, Tan90b, ZOHR01, von84, AM12, BCK<sup>+</sup>93, DMMM95, Di 86, GST11b, Lut95, Mit92, PKS00, PN85, SZ77, SS10, Tan91a]. **Achieving** [BTDS11, Gal85, Gal86]. **Ackermann** [Sun71]. **ACL2** [Bor02]. **ACL2-2002** [Bor02]. **ACM** [ACM89, Bre74, Bur74, Ful72, Gau73, GZ75, Hil70a, Hil70b, HD73, Hil73, Joh87b, Koo91, Kuk72a, LT71, Mer62, Mor64, Pom74, Rel63a, Wit68]. **Ada** [ACM87, Squ91a, Squ91b, DPC95, Dri89, Dri91d, Dri91a, Dri91b, Dri91c, Mat87, Squ91d, Squ91c, Tan90b, Tan91a]. **Adaptive** [BM04, Was89]. **Add** [BDL09]. **Addendum** [Fra81]. **adders** [CP99]. **Addition** [SS97b, SS99b, MC91]. **Additions** [LJ13, ITY96]. **adds** [Bic81]. **Adelaide** [KK99]. **Ado** [Kah87]. **advance** [BMR04]. **Advanced** [Luk99, Ask75, CDS00]. **Advances** [IEE99, VK95]. **Aerospace** [Fet81a]. **affiliated** [Bor02]. **Again** [Hin77]. **ähnliche** [Völ83]. **Aids** [SR53]. **Air** [Fet81a]. **Airy** [BP67, CH78, CJR91, CJR92a, CJR92b, FO99, Fab04, FLO04, GST02b, HB75, JL12, LO93, MPG92a, MPG92b, MP79, Moo81, Moo84, Pit67, Pri75, RS81, oKSAG79, SC81]. **AIZ** [GST02b]. **Albuquerque** [IEE91]. **algebra** [Arm82, Joh88, Tre80]. **Algebraic** [ACM89, Bro07, FS96, Lak96, Ris79, Her82]. **algebraically** [Boy09]. **algebraically-converging** [Boy09]. **algebras** [Hai60, Var95]. **ALGOL** [Tem79, Chr62, Chr65, Frö63b]. **Algorithm** [ALMN05, Bai93, BV85, BO93, Bic81, Bre74, BDK<sup>+</sup>05, Bur74, Cod83, Cod93, CG85b, Erc78, FFS83, Ful72, Gau73, GZ75, GLR07, Gus78a, Hei96, Hil70a, Hil70b, HD73, Hil73, Joh87b, KDDH94, Kuk72a, KNS95, LC87, LT71, Mac89, Mer62, MKY92, Mor64, OE82, PSB76, PEB04, Pom74, Pre78, Rel63a, Rol87, SG02a, oKSAG79, Sel93, Smi91, Soo73d, Soo73c, Tak01, Tem79, Tho13, VB04, VVA09, Wit68, Zen04, eL76, Bai88, BKM94, Bre78a, Bre80b, Bro89b, Bun09, Car72, CL94a, DMMM95, DAV12a, EH89, Fdi97, Fet74, Fuk83, GEK04, Gon89, Gre82, Has00a, Jab12, Jab13, KB89, KMY89, KCYL06, LO95, LP88, LC96, LC97b, LMS73, Mat92, McC77, Mit92, Mos69, OY91, PN85, Per85a, SGA81, SS10, SD85, Ter81b, Tom00, Vep08, Wal71, WTM05, Woź10, ZLC04]. **Algorithm** [Alh00a, ADW77a, Amo78, Amo83, Amo86, Amo90, Amo95, And00, BC09, Bea60, Ber68, BP67, BB74, Bra64, Bra70, Bre82a, BL94,

CN81, CZ10, Cle69, Cob69, CP70, Cun62a, Cun62b, Cun62c, CC64, DM92, Dor68, DR94a, Eck80, Fab04, Far69, Fet63, Fil66, Fri67, Gau64a, Gau64b, Gau65, Gau66a, Gau66b, Gau69a, Gau69b, GK70b, Gau79a, GST02b, GST02c, GST04a, GST06a, GST11a, Goa95, Goa97, Gra63a, Gra64, Gun65b, Gun65c, Gun65a, Gun67, Her61c, Her61a, Her61b, HP67, HJ67a, HJ67b, Hil77, Hil81a, Hil81b, HP85, Hol70, Jan77, Jef62, Joh87a, Kod07, Kod08, Kod11, Köl69a, Köl69b, Köl69c, Köl72a, Kop74, Kor11, Lar66, Lew75, Lin09, LG64, Lud63, Mac89, Mac96, Mey63, Mor76, Ng70, OW68, Pac70, PH66, PH67, Pit67, Pom76, Pri75, RT61, RS81, Red70, Rel63c].

**Algorithm** [Rel63b, Sch78b, Sko75, Sko78, SM70, Smi01, Smi11, TS69, Tha62a, Tha63a, Tha63c, Tha63b, VC06a, Vos73, Wie99, ZA11, eL79, vdR63].

**Algorithmen** [Mül90, Völ83]. **Algorithms** [Bre78c]. **algorithmic** [Che81].

**Algorithms** [Alh00b, Ano68, Bak75b, Bre80a, Bre78c, CN81, CMW63, CH98, CHI<sup>+</sup>03, DeL70, Deu76, Eps75, FLR03, Fan89, Fow93, Gra63b, Gus86, Has90, Int03a, Int03b, JSH<sup>+</sup>11, LF92, dL70, Luk77, Mac89, Maj85, Mar72, MC87, Mil65, Mül90, Nes84, Ng75, OS72, Pen81, Rus98, Sg92, Sor94, ST99, Tan91b, TBDS11, Ter81a, Tro84, Völ83, WG91, WG94b, Bak73, Bak75a, BST13, BM80, CO86, CHGM99, DAV12b, Egb77, EL94, EM03, GA08, Gor82, Kog89, Lit89, Luk99, Mat90b, MMH93, MC89, MM90, Mul97, Obe99, Olv80, Saw02, Sch93a, Sch93b, Sch95, Tan87, Yey92, Fri72, IL07, Rix82, Tha62b].

**Algorithmus** [Fil66, Rix82]. **all-order** [KWY07b]. **Alley** [Hei96].

**allgemeiner** [von80]. **already** [FKY86]. **Alternating** [Alb62, CRZ00].

**alternierenden** [Alb62]. **AMD** [IM99a, Obe99, Rus98, Rus99].

**AMD-K7** [Rus98]. **AMD-K7<sup>TM</sup>** [Obe99]. **Among** [JMMW79].

**amplitude** [Sal89]. **AMS** [Ric92, DM08].

**Analog** [BH65, Bin68, Pre55, Rob55, HFS99]. **Analogue** [SR53].

**analogues** [GA08]. **Analyse** [CHG<sup>+</sup>11, Bre77].

**Analysis** [Abe88, BSY82, Das94, IM99a, IP87, Par99, Pug04, Sle64, Sle78, Smi95, Tan91b, AGA<sup>+</sup>80, BCD<sup>+</sup>02, Bre77, Bre78b, CH78, CDJ<sup>+</sup>01, LP61, LP62, LČJ63, Mil75, PS93, Ris79, SP61, Sob88, vRdL88].

**Analytic** [BG84, BS98, Ric73, Tra76, BS00, BL71, Cri82, Fer86, Kza92, LP95, Mül93, Sea84, Sko04, Ter79, Tra76].

**Analytical** [Ano98, Dar70, Sho60]. **Ancient** [BB12]. **Anger** [Olv67].

**Angular** [TTW79, TTW84]. **ANL** [Kuk66]. **Ann** [IEE81a, IEE81b].

**Anniversary** [Gau94]. **Annual** [Spr00, IEE89b, Koo91, Men06].

**Anomalous** [Gau77a]. **Answer** [Wal80]. **Antonio** [Koo91]. **any** [AG08].

**APMathLib** [ZOHR01]. **Appearing** [Squ70]. **Appell** [OSS09, TS76].

**Application** [AEF92, Hom97d, Hou81, SF96, TBDS11, T<sup>+</sup>97, VDR05, Ask75, Cro92, EC79, GS91, LG79, Sho86, ZXBZH01, Lef05].

**Application-Specific** [T<sup>+</sup>97, VDR05].

**Applications** [AKS01, Ban01, Bor02, Cor61, MS68, Ng77, SC01, Sid03, Wim81, AAS93, Buc69, CDS00, CMV69, AEF92, IK05, KS04, Kor02, Leb72, MS67, NU88, OSS09, Ric92, Sam02, SO89, Veb12].

**Applied** [Car77b, GS91, MH08]. **Approach** [BJG<sup>+</sup>00, Gal85, Ike76, Tal68,

Bre88, BCG91, FK88, Gal86, JS89, Kre89, Lew94]. **Approximant** [Bar74].  
**approximants** [AGJ86, Bor88, DF78].  
**Approximate** [Lit93, Lit94, Mak80, Mar72, RX07, Via89, DK77].  
**Approximating** [Joh89, NL94, SS99a, BMST97, Epp89, HR07, KK96, MST89, Özb06, Yey92].  
**Approximation** [BM04, CG89, Caw00, CJL09, DiD78, Eck76, EW76, GS82a, God01, IL07, ITY95, KP75, KS88, Kra85a, Lan64, Mar86, MS87, Mus87, PA86, POMB05, Pug04, Sch99, SS97a, SF96, Sim64, Sou57, Squ70, SS99b, WS05a, WR63, ZSA86, AGS99, Cuy94, Dan77, DAV12a, DAV12b, DZKK77, Ebe89, Eck77, Ell83, Eve63, Fik67, Fuk83, GRS87, Glo89, Gor82, GS91, ITY97, JMS98, Kra85b, LG79, Lor89, Mag94, MC87, Mon83, MV98, Pei63, Phi79, Pro87, Rei86, Roc82, SF93a, Sei99, Sho86, SS87, Sun88, Tes69, Tim87, Ubh89, VT11, VM87, VB81, Zwi87, vRdL88, T.57].  
**approximation-theoretic** [VB81]. **Approximationen** [Hol69].  
**Approximations** [Bur63, CG94, Car75, Cod65a, Cod66, CH67, CT69, CH70b, CST73, Dar70, Dun94a, Dun94b, FL67, FB91, Fie65, Fik66, Fra65b, Frö61, Frö63a, HCL<sup>+</sup>68a, HCL<sup>+</sup>68b, Has55, Hit57, HBS00, Hol69, KZ90, Luk68, Luk69a, Luk69b, Luk70, Mae60, Moo67, New84, Nin70, Pri75, RS81, ST07, Sch84, SS97b, SW99a, Spi61, SDP11, Wad58, WC61, Wil70, Yoh70, Bla74, BEJ76, BEJ78, BBB89, BPD81, Cle54, CT67a, CT67b, CT68, CMV69, CHT71, Dan77, Dun87a, Dun87b, Dun88, Fer86, GP64, Gau02, GL83, GM88, Jam99, Kas80, Kee82, Kon76, Lit93, Lit94, MT72, MG85, MG89, MPG92a, MPG92b, OG82, Pie84b, Pow88, Saa91, Sie76, Spe72, WC90, Wen07, WBR82, ZB95, Zha95, ZB97, Ben83]. **approximators** [HSW89].  
**April** [Ask75, Bor02, DM08, IP87, KK99, Tra76]. **Aptitude** [Völ83].  
**Arbitrary** [BH65, Bra87, Krä87, Lew75, LDP93, Rot71, TS69, BS00, DSK83, LS95, KR86, Sca71, Shi93, VC06a]. **Arbor** [IEE81a, IEE81b].  
**Architecture** [AFC10, ASA06, ALMN05, CHI<sup>+</sup>03, HKST99, Int03a, Int03b, PEB04, PBLM08, CL94a, KP98, MMW91, MM91a, MS82, MS94].  
**Architectures** [JSH<sup>+</sup>11, LF92, T<sup>+</sup>97, VDR05, Luk99, MMH93].  
**Arcsin** [Kog58a]. **Arctan** [Kog58b, SK71]. **arctangent** [JL94].  
**arctangents** [Car72]. **Area** [NKY08, SL95, Tom00, LKH93, SR81].  
**Area-Efficient** [NKY08, Tom00]. **Area/Performance** [SL95].  
**Argument** [Amo86, Amo90, Amo95, AM77, Bar61, BDL09, BS98, Chr65, GZ75, Kod08, Kod11, Köl72c, Mat04, Mec66, Min70, Mor76, Mor79, Smi95, Soo73a, Soo73b, Soo73d, Soo73c, Sou57, AM78b, AM79, AM84a, AM84c, AM84b, BY07, Büh87, Büh92, Büh03, Cam79, Cam81, Cam84b, Cam84a, Di 86, Fuk10, GST04a, HTHR94, Köl84, KRVZ98, KB86, Lew85, Lew87, dAPM77, Sca71, TB87, Tur72, VC06b, YM97, Zak69, ZB97, dT93, T.57, Tho04].  
**Arguments** [Bur74, CP98, GB68, Gau65, GT58, Jan77, Krä87, R. 43, Raf70, RL80, Tho13, TM68, Bar82b, Bar84a, Cai11, Cob69, CJR91, CJR92a, CJR92b, GST04b, Kra88, Mas83, Moo81, Moo84, SG98, TB86, Wal84].  
**arise** [SL83]. **arising** [BG84, Har77]. **ARITH** [BC01, IEE05].

**ARITH-15** [BC01]. **ARITH-17** [IEE05].  
**Arithmetic** [Ber84, BHK09, BB84, BCDH09, BC01, DLM09, DHL<sup>+</sup>04, ES89, Hul78, Hwa85, IEE78, IEE81a, IEE81b, IEE05, KM95, KK99, KM91, KM07, LMT97, Sal76a, SO11, SOL81, Smi91, SIJ93, Tan89b, Tan89a, Tan90d, Tan92, Ull90, von80, BG84, Bic81, BCK<sup>+</sup>93, Che71, CA00, Eps75, EMR82a, EMR82b, Hou81, LM00, LMOT01, MT72, MH72, PH90, RN96, Sal89, Sch93a, Sch93b, Smi01, Swa90, TRHH94, VCV01, dDM06, Atk79, HUY07].  
**Arithmetic-Geometric** [BB84, Sal76a, MH72, Sal89].  
**Arithmétique** [Ber84]. **Arizona** [DM08]. **ARL** [Fet81a]. **ARM** [BH07].  
**Array** [Dav81, LA85, MK71, Maj72, CL95, LC97b].  
**Arrays** [LE95, EM86, LE93]. **Art** [IP87]. **articles** [Ban01].  
**Artificial** [AGL93]. **ASAP** [VDR05]. **ASIC** [WMDM92].  
**Asilomar** [LMT97, Sin95]. **Aspects** [AKS01, Fer07, Tem07].  
**Assessment** [Boi97]. **assistant** [BMZ06].  
**Associated** [Bra73, Cle69, Fri72, CB12, CM13, Sai89, SS65, Cob69].  
**Asymptotic** [AS03, Bor10, CG85a, CG94, CS11, Cun62a, Din58, FO99, Kas80, Kim72, Lóp00, Olv91, Sch64, Sle65, SZW11, SF87, Tem92, Tho65, Wen07, Won73, Won88, ZZ11, Air37, BB94, DT09, FLMR00, Fet79, FW85, FKY86, JW88, KC11, Mac72, MP79, Tem75b, Tem78, TC01, Sch68].  
**Asymptotically** [Wan82, Hom98b].  
**Asymptotics** [Mag94, Olv74, Wal96, FLO04, GG08, Tem83b, Tem86, Wil12].  
**Asymptotische** [Sch68]. **Atkin** [KCYL06]. **Atlantic** [AFI71].  
**Atlas** [SO87, Tho97b, Tho97a]. **atomic** [SC81]. **attempt** [Che81].  
**Augmented** [BJK<sup>+</sup>11]. **August** [BL91, Bro07, Gau94, Mar85].  
**Australia** [KK99, Lav80]. **autocorrection** [Lit93, Lit94].  
**Automatic** [Cah54, Che72, DeL70, Gra02, dL70, MS82, Pie82, Pie84a, SZ70, SZ74, SZ76, AK93, Lin57, Wen64]. **Auxiliary** [LDP93].  
**Avoiding** [Hom97a, Hom99].  
  
**b** [MIT<sup>+</sup>95]. **background** [Kog89]. **Backward** [OS72, Tha79].  
**Bad** [MT85, MT86]. **Balanced** [BS98]. **Baltimore** [IEE99].  
**band** [LP62, RX07]. **band-limit** [RX07]. **band-limited** [LP62].  
**Bandwidth** [Far81]. **Bartky** [Bul69a]. **Bartky-transformation** [Bul69a].  
**Base** [CVV65, Fet81a, Has66, LC87]. **Base-** [LC87].  
**Based** [BO93, HAK91, KZ90, NS09, Tal68, WG94b, CHGM99, DR04, HFS99, Kru99, LF92, MC87, Mat90a, Nis94, RdC93, SdCR97, TVG00, WG91].  
**Basel** [Ull90]. **Bases** [Sau93]. **Basic** [Ars68, Gas81, Kuk71, Joh88, Kra95, Sch80, Shi93, Ver77, DF84, VCV01].  
**Basis** [AH10, Hig77, Mul85a, Pow88, KR86]. **Bath** [KM95]. **BCD** [Sch73].  
**BCY** [Che81]. **Be** [PW76, DGB82, AK09]. **beach** [Ehr89]. **behaved** [Vai89].  
**behavior** [Büh87, MP79]. **beliebige** [Krä87]. **beliebigen** [Bra87].  
**beliebiger** [Rot71]. **Benchmarks** [WOG95]. **Ber** [Her61c].  
**Berechnung** [Fil66, Rot70a, Rot71, von84]. **beregner** [Ped80].  
**Berkeley** [Liu87]. **Berlin** [AGA<sup>+</sup>80]. **Bernoulli** [Fil92, HG64, KB67].



**Bernstein** [Bor82, Cri82, Hei88, Tim87, Whi82]. **besonderer** [Völ83].  
**Bessel** [Bra70, JL12, Tho04, VRS<sup>+</sup>99, Abr45, Air37, Amo74, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, Ano46, Ant64, AM77, AM78b, AM79, AM84a, AM84c, AM84b, BC79, Bar82b, Bar84a, BA44, Bea58, Ben98, BK78, Ben83, BH65, Bin68, Bla74, BST13, BO75, Bow58, BPD81, Bur74, Cai11, Cam79, Cam81, Cam84b, Cam84a, Cha82, CMF77, Cod83, Col80, CM83, Col84, Cur64, D. 44, DCL<sup>+</sup>92, Del79, Del84, ES99, FS92, FMC82, FO93, FKY86, Gab79, GP64, GS78, GF97, GST02d, GST04a, GST04b, GL83, Gla74, Gla81, GT58, GT59, GM88, HF09, Har09b, Hil77, Hin77, Hit57, Hum85, Ike76, Ism77, Jab94, Kas80, KKI67, Kor02, KRVZ98, KB86, Las82, Len76, LG79, Lew69, LW82, Lin72, LK73, Lir71, LM08, LO93, LS95, Luk59, Luk64, Luk71a].  
**Bessel** [Luk71b, Luk72, Mak65, MG85, MG89, dAPM77, Mas83, MS68, Max91, Mec66, Mec68, MV98, Nag01, Nas74, Nes84, NF63, New84, O'B80, Olv64, Par72, PS77, PS79, Pie82, Pie84a, Pie84b, Pie84c, PA86, Puo88, Rap94, RdC93, Saf10, Sai89, Sca71, Sch64, SdCR97, SG99, SS10, Sol69, Soo73a, Soo73b, Soo73d, Soo73c, SA57, Tal83, Tal84, Tal09, Tem75a, Tem76, Tem79, Tem86, Ter81a, Ter81b, Tha79, TB86, TB87, VC06a, VRS<sup>+</sup>95, Wal84, WC90, Wil71, WBR82, YM97, YM03, ZB95, Zha95, Zha96, ZB97, dT93].  
**Best** [Hol69, Nin70, SS87, Zwi87, Kee82, Mag94, OG82]. **bester** [Hol69].  
**Bestimmung** [Hol69]. **Beta** [BB74, BL94, DJ67, DM92, OM68, PSB76, Gau64a, Gau64b, Lud63, Tem75b, PH67]. **Beta-Function** [DJ67].  
**Betriebssysteme** [Rot70b]. **Better** [BBD03, BD02, LM00].  
**Between** [BJG<sup>+</sup>99, Hin77, Lef05, Car69]. **Bibliography** [Ein79, Ful80].  
**Bickley** [BEJ78]. **bicomplex** [Tre80]. **biharmonic** [Mon83].  
**billion** [BBB89]. **Binary** [Che71, CVV65, DeL70, Har09a, Has66, LA85, dL70, Maj72, Mar72, Rot70a, Bak76, CKL89, Hig93, RN96].  
**binomial** [Kra95]. **Bipartite** [SS97a, SS99a]. **Birmingham** [IP87].  
**BIT** [Frö63a, Kah87, RHMLL08, Ziv91, LMS73, Per85a].  
**Bit-Parallel** [RHMLL08]. **Bivariate** [Dre78, JKMR11, LW89, Ruy89].  
**BIZ** [GST02b]. **BKM** [BKM94]. **BLAST** [Has00a, Has00b, ZLC04].  
**Blinn** [Bli97]. **Block** [Cas83]. **body** [CZ10]. **Bombelli** [RS98].  
**Book** [Wig67]. **Boolean** [Bel89, CG89]. **Boost** [BD99]. **bootstrap** [LW89].  
**borné** [Del81]. **Borweins** [Bai88]. **Bose** [Din58, NDT69]. **Boston** [ACM87].  
**both** [RX07, Sca71]. **Boulder** [Mul82]. **Bound** [AMS76, BMST97, Cha82].  
**Boundary** [LL09, AO08, Cro92, JS89]. **boundary-value** [JS89].  
**bounded** [Del81, GK89b, HR88, Zie89]. **Bounding** [HKA93].  
**Bounds** [Alb62, Amo73, BST13, Olv67, Olv88, Rot70a, Tro84, Yoh70, Yoh73, AM89, Bel89, BW89, Kra98, Lit89, SS98]. **Bourbaki** [Laz85]. **box** [DR89].  
**Bozeman** [BL91]. **Brahmagupta** [KB89]. **Branch** [Har97, Kah82, Kah87].  
**Briggs** [AM12]. **Brighton** [IEE89a]. **British** [Gau94].  
**Broadening** [WKG66]. **Brook** [Cow77]. **Build** [Sal92]. **Built** [Cow64].  
**Built-In** [Cow64]. **bulk** [AM89]. **Bureau** [Mul82]. **Byrd** [Fet81b, Köl97].  
**C** [Fet81a, Bak92b, Kor11, Lau95, Sch88, Sel93, Tho97b, USE88].

**C9X** [McC02]. **CA** [IEE78]. **Cairo** [Wah04]. **cake** [Bel89]. **Calcolo** [RS98].  
**calcul** [Mul85b, Mul86]. **calculate** [Ped80, RdC93]. **calculateurs** [Ber84].  
**Calculating** [Kal34, Kod11, LaF54, Raf70, Sal51a, TS76, DSK83, Jab12, Jab13, MKS83, Tal83, Tal84, Tal09].  
**Calculation** [AS54, Chr62, DJ67, DP92, Fet65, Fet67, Fik66, FW84, Gau99, GLR07, GT59, Hon71, Lin57, LP83, Mec66, MKY92, MM91b, Mor78, Mor99, KR86, Saa91, SH72, SR53, SF59, Spi71, Str68, TM68, Zak69, vdLT84, Air37, Bul65a, Bul65b, Bul69b, DM91, Eve63, FMC82, HvdR63, JL12, LR74, Mid75, MH72, Mou67, Mul85b, RL76, RS98, Sal89, Saw02, VRS<sup>+</sup>95, VRS<sup>+</sup>99].  
**Calculations** [DLM09, DPC95, KKI67, Kor11, Len76, Sal76b].  
**calculator** [Egb77]. **Calculators** [BR73]. **calculus** [FS96, SO89].  
**California** [ES89, LMT97, Sin95]. **Cambridge** [IEE89c]. **Canada** [Bro07].  
**cannot** [DGB82]. **capability** [Bic81, LMT<sup>+</sup>92]. **Cape** [IEE05].  
**Carathéodory** [Mag94, VT11]. **Carathéodory-Fejér** [VT11].  
**cardinality** [Was89]. **carefully** [Wil96]. **Carlson** [Gra02].  
**Carnegie** [Tra76]. **Carnegie-Mellon** [Tra76]. **Carolina** [BCEP94, IEE89b].  
**Cascaded** [KNS95]. **Case** [Cas83, OLHA95, Sle78, Sou57, Eck77, Ein89, Gau11, Kra98, Sko04, T.57]. **Cases** [Car89, LM03, SLZ05]. **Caslin** [Fet81a].  
**CD** [Spr00]. **CD-ROM** [Spr00]. **CDC** [ADW77a, ADW77b, Amo78, Cod64].  
**CDC-3600** [Cod64]. **CELEFUNT** [Cod91, Cod93]. **cell** [JL94, AK09].  
**Cellular** [MK71, Maj72, CL95]. **censoring** [Ruy89]. **Centenary** [BCEP94].  
**centennial** [AGA<sup>+</sup>80]. **Center** [Ask75, IEE85, AGH89, Saf10, Vai89].  
**center-unstable** [AGH89]. **Century** [Lid01, Lid02, Bre00, Gau94].  
**Certain** [Ano46, DeL70, Deu76, Erc73, Lan60, dL70, Sch64, Sri70, Ver77, Abr45, Akr85, BC79, BL71, CCV11, GK70a, Kra85a, Las82, Lew94, LP95, RX07, SS93a, Sie76, SZW11, ZSA86, ZZ11].  
**Certification** [Ber68, Bra64, Bra70, BL94, Cob69, Far69, Gau64b, Gra64, Köl69a, Köl69b, Köl72a, Kop74, Lar66, Lew75, Mey63, Ng70, OW68, RT61, Soo73d, Soo73c, TBDS11, Tha62a, Tha62b, Tha63c, Tha63b, vdR63].  
**Certified** [CJL09]. **Certifying** [dDLM11]. **Cesaro** [MS87].  
**chain** [Paw11, Wil96]. **challenging** [Sid06]. **Chandrasekhar** [Jab12, Jab13].  
**chaos** [PH90]. **Characteristic** [Fri72, AB88, Bos89, Fuk09b, McN73, Cle69].  
**Characterizing** [Kee82]. **Chebyshev** [CT67a, Frö63a, Hol69, Bar61, Bla74, BEJ76, BEJ78, Cod65a, Cod65b, Cod66, CH67, CT67b, CT68, CT69, CMV69, CH70b, CHT71, CST73, CM83, Dar70, Del79, Del84, EW76, Frö61, GP64, Hum64, KP03, MT72, Ném65, NDT69, Per85b, Per87, Pie84b, Pri75, RS81, Sch78c, Sch80, She74, She76, WC61, WBR82, Woo67, ZB97].  
**Checked** [Rus98, Rus99]. **Chemie** [Sne63].  
**chemistry** [Sne56, Sne61, Sne63, Sne80]. **chemists** [Wen09]. **Chester** [IL07].  
**Chi** [HP85, Rob69, Tho65, eL76, HP67, OW68]. **Chi-Square** [Rob69].  
**Chi-Squared** [HP85, eL76, OW68, HP67].  
**Chinese** [Liu93, XL94, Che81, XLX<sup>+</sup>83]. **choice** [Ge89]. **choices** [SL97].  
**Cholesky** [Sch84]. **Choosing** [SL97]. **CIMPA** [HUY07].  
**Circuit** [IEE89a, MIT<sup>+</sup>95, Bel89, CCC96, CP99, HFS99, MI97, SL63].

**Circuits** [DM88a, Maj85, OTY91, Bel89, KK98, Liu95]. **Circular** [Zuc64].  
**City** [AFI71]. **Civic** [IEE85]. **Clarification** [ACG<sup>+</sup>87].  
**Class** [DeL70, Dub83, Gla81, Lir71, dL70, CR08, Cro92, Gus78b, Gus84, Mak80, Mos69, Som82].  
**Classes** [OG82, Cri82, Kaz65, Liu93, SZW11, Ubh89, ZZ11].  
**Classical** [Loz00, PS05, BG84, Håv81, Tem96].  
**Clebsch** [Buj75, Gun65a, SM77, SM78]. **Clebsch-Gordan** [SM78].  
**Clever** [Kah04]. **Closed** [GW71, Dav88]. **CMOS** [HFS99, TRHH94].  
**co** [DMS95, USE88]. **co-processor** [DMS95]. **Coconut** [AK09].  
**Cod** [IEE05]. **code** [RdC93, SdCR97]. **Codes** [FLR03, Gus78a, SG99].  
**Coefficients** [Bra65, Buj75, SG76, Boy09, FNC75, FW80, Fra81, Gun65a, Sch76a, Sch77a, SM77, SM78]. **Coerror** [Amo73, Gau77b].  
**Collection** [WNO94, Sne63]. **Collective** [Sti88]. **College** [MC87].  
**Colorado** [BC01, Mul82, Luk99]. **Coloring** [PP12]. **Columbia** [Gau94].  
**Combination** [LA03, Lit83, Sho86]. **combinatorics** [GI01].  
**Combined** [LM95, Nan11, ALB98, LM99, NL99]. **combining** [EL89a, MI97].  
**Comment** [T.57]. **Comments** [Kuk66, Tra60].  
**Common** [BK78, Ben83, DMS95, LM07]. **Commun** [Tho04, VRS<sup>+</sup>99].  
**Comp** [Fra81, Lew87, Per87]. **Compact** [Caw00, Sch99, CK88, Whi82].  
**compare** [QW06]. **Compared** [JJ65].  
**Comparison** [And82, Ng75, SL95, LMS73]. **Comparisons** [FLR03].  
**Compatible** [Tay81]. **Compilers** [BD99]. **complement** [CL94a].  
**Complementary** [Cod90, FCC73b, Chr62, EL08, FCC73a, HR72, Phi79, Zak69, HJ67b].  
**Complete** [AVV90, AVV92, Cod65a, Cod65b, Cod66, FC64, Goa95, Mer62, OM68, QV96, Sko78, BZ92, Fet81a, Fuk09a, Fuk11, Ism77, MH72, Mor78, RT89, Far69, Her61a, Her61b, Lar66, Tha63a, Tha63c, Tha63b].  
**Completeness** [Hig77]. **Complex** [Ahr96, Amo86, Amo90, Amo95, AM77, Bak92a, Bra87, Bur74, CP98, Chr65, Cod91, Cod93, Cor61, Dor66, EW76, EM04a, EM04b, EM07, FCC73a, Fet76, Fri67, God01, Hom97b, Hom97c, HFT94, Ise91, Kah82, Kah87, Kod08, Kod11, Kol70, Köl72c, Krä87, Kuk72a, Kuk72b, Lan60, LT71, Mat04, Mec66, Neh07, Ng75, Par72, PS11, PP12, Rap94, Sal51a, oKSAG79, Soo73a, Soo73c, TTW79, AM79, AM84a, AM84c, BKM94, BCD<sup>+</sup>02, Cai11, Cam81, Cam84a, CL11, Car95, CA00, CM83, CJR91, CJR92a, CJR92b, CDJ<sup>+</sup>01, FLO04, Fet81a, GST02b, GST02c, Gon52a, HHR00, Jür66, Köl84, Kra88, KRVZ98, KB86, LG79, Mas83, MY91, Moo81, Moo84, MH72, Mor78, Mor99, Sca71, Squ91a, Squ91b, Str59, TTW84, TR84, TB86, TB87, Tho04, Tur72, YM97, Zak69, ZB97, dT93].  
**Complex** [Bea60, Gau69a, Köl72a, RT61]. **Complex-Valued** [Mat04, PS11].  
**Complexities** [NS09]. **Complexity** [AH10, RHMLL08, Vav89, Bel89, BB88, Bre75, Bre76b, MST89, Per85a, Tra76]. **Compliance** [Rus98].  
**complying** [AHM<sup>+</sup>98]. **Component** [vRdL88]. **Comprehensive** [AWH13].  
**Comput** [Tho04, VRS<sup>+</sup>99].  
**Computation** [ACM89, AS95, Aha69, AH10, Alh00b, Amo74, ALB98, Boe62,

BB84, BL94, Bro07, Che70, Che72, C JL09, CMF77, CVV65, Cri89, D. 44, DM92, Dre78, Dub83, Ehr61, FLO04, Fil66, Fle68, Frö63b, Gau61, Goa95, God01, HCK09, HKST99, Har09b, Has66, Hul78, JSH<sup>+</sup>11, KB67, Kog57, Kog58b, Kog58a, Kog59, Köl72d, Lak96, Leh96, LDP93, Loe01, LJ13, Luk57, Luk77, MMV81, Mar90, MR71, Mec68, Mü104, NKY08, ND70, Pea09, PB02, PEB04, Rap94, Rob69, RHMLL08, Rot70a, Rot71, Rus13, Sal76a, Sar59, Sch85, Spo94, Swe63, Tem79, Tra60, VVA09, ZJ96, AGA<sup>+</sup>80, Alh00a, Bai88, BM80, Cai11, Car95, CZ10, CH89, CA00, CCV11, DMMM95, DKK80, DHM89, DK90, Ekl01, Fil92, FI94, Fuk09a, Fuk09b, Fuk10, Fuk11, Fuk13, GI01, GK70a].

**computation** [GS78, Gau94, Gau11, GST02b, GST02c, GST11b, GS99, HHv<sup>+</sup>73, Kon76, KB86, Las82, LK73, Mar81, MNP83, Mer94, Mul85a, Mul86, Ng84, Pie82, Pie84a, Sar60, SS10, Tem83a, Tem86, Wim74, XL94, BL91, LCJ63, Mü100, SR53, von84]. **Computational** [BBC98, BBC00, Gau75, Gau79b, Ng75, Sun71, Wim82, BW00, Gau94, Jam89, SW88, Tra76].

**Computations** [Ahr96, MT85, Ng77, WG91, WG94b, Bel89, Dan77, Joh83, KO94, Kra98, MT86, Vav89]. **compute** [BBB89, Mac96, Per85a, Sca71].

**Computed** [Yoh70].

**Computer** [AFI69, AFI71, Atk79, BH65, Bin68, BCDH09, BC01, CET62, DeL70, ES89, Fik68, HCL<sup>+</sup>68a, HCL<sup>+</sup>68b, Hwa85, IEE78, IEE81a, IEE81b, IEE89b, IEE89c, IEE05, JJ65, KB90, KM95, Kog57, Kog58b, Kog58a, Kog59, KK99, KM91, KM07, LMT97, dL70, Mar88, PH90, PW76, Pre55, SO11, Swa90, SIJ93, Tan89b, Tra76, Ull90, Wah04, von80, AGA<sup>+</sup>80, DSK83, GP84, Gus78a].

**computer-oriented** [AGA<sup>+</sup>80].

**Computers** [Ano03, Ano06, Sin95, SA57, Ber84, Has55, RW77, Tak00].

**Computing** [Cah54, Car79, DR98, DH59, DR94b, For97, Fra65b, Gal85, Gal86, GST02a, GST03, GKS04, GST04b, GST06b, Har97, Ike76, JKMR11, Köl72c, LW63a, LW63b, Lin09, Lin72, LCY65, Mar05, MMM93, MY91, Mul01, Rob55, ST07, S<sup>+</sup>93, SZ70, SZ74, SZ76, Tak01, Van69, Vol59b, Vol59a, YM03, ZA11, AK93, Car72, Dom03, Fet74, Gab79, HHR00, Kan96, Köl84, KCYL06, KRVZ98, McC81, PKP74, Pro83, Puo88, Saf10, Sko05, Tho97b, Tho97a, Vep08, Zen04, VC06a]. **Concept** [von80, Gon52b].

**Concerning** [Wre68, Arm82, SW88, Wre73]. **condition** [HS83].

**conditional** [Fuk13]. **conditions** [JW88]. **conduction** [CMV69].

**conductive** [RdL01]. **conductive-convective** [RdL01].

**Conference** [AFI69, AFI71, Ano03, Ano06, Ban01, Boi97, BCEP94, IEE89a, IEE85, IEE89c, IP87, IL07, MC87, Men06, Mil75, MS94, Mul82, S<sup>+</sup>93, Sin95, Spr00, T<sup>+</sup>97, USE88, VDR05, Wah04, ACM87, AGA<sup>+</sup>80, BL91, AEF92, Mar85]. **configuration** [Yos97]. **Confluence** [Nag04].

**Confluent** [AS95, GN89, Luk59, Mil57, Olv91, Sla60, Tha62b, AG08, Buc69, CQSP04, DT09, Gau02, Lew44, Mul01, Tem78, Tem83a, Uni49, Rel63c].

**Congress** [Lav80]. **conjecture** [CLZ04]. **conjugate** [MS87].

**connect** [CK88]. **connection** [Car69]. **considerations** [Wen01].

**consistent** [Hom98b].

**Constant** [Chl11, Swe63, Blo88, BM80, CM13, Fuk09b].

**constants** [CB87, GS99, KC11]. **Constrained** [MT72, SDP11].  
**Constraints** [Kuk71]. **constructing** [Kai89].  
**Construction** [Ske86a, Ske86b, Dan77, Lit93, Lit94, Pas95].  
**contained** [CC69]. **Containing** [NF63, Sch64, Las82, Mak65, Tem86].  
**Contents** [Ful81b]. **contiguous** [Seg08].  
**Continuation** [BS98, BS00, Mül93, Sko04].  
**Continued** [Bar74, Bar82a, Che13, CPV<sup>+</sup>08, Len76, Mor64, Pas03, SB71, Smi95, Spi61, BC09, Cha80, Dij77, Gau77a, Hau88, JW88, Kra89, Lem88, Lev91b, McC74, Now06, Pas92, RdC93, Sar60, SdCR97].  
**Continued-Fraction** [Smi95, Bar82a].  
**Continuous** [PS93, Ebe89, GS82a, MS87, PS78, Som82]. **Contour** [ST07].  
**contoured** [Was89]. **Contribution** [Chr62, Frö63b].  
**Contributions** [Ng84, Ull90].  
**Control** [Kuk72a, Kuk72b, Bel90, BL91, Bre83, Roc82, Mae60].  
**controlled** [Bra64, CC64]. **convective** [RdL01].  
**Convergence** [Alb62, Ano67, Bre78a, Bre82b, BDGB83, Bre85, Bre00, Chl11, CRZ00, DGS65, DK82, GB90, Gus66, Gus78b, GS91, HP93, Har77, Hau88, HBS00, Hom96a, Hom96b, Hom97a, Hom97b, Hom97c, Hom97d, Hom98a, Hom99, Ise94, JW88, Kru99, Kza92, Kza99, KP03, Lem88, LP88, LB90, Lev91a, Mat92, MH72, Mül99, Osa90, Osa94, Ovt03, Pas92, Pas03, Pas08, Sed90, Sel93, SF79, UE05, Wyn72, AGJ86, BD85, Bel90, Bre77, Bre78c, Bre78b, Bre83, Bre88, Bre99, BCG91, Cro92, DGB80, Del81, DF78, Fdi97, FS92, Gau77a, GK89b, Gus78a, Gus84, Gus85, HTHR94, HR07, Hom94, Hom98b, Ise91, Joh83, Lev73, Lev91b, LP95, Lon81, Mat90a, Mül93, Now06, Ole96, Pas10, Pas11, PKP74, RdL01, Sau93, Sch68, SL83, SS98, Sid06].  
**convergence** [Vep08, Wen89, Wen01, Bre77, Del81].  
**Convergent** [Bar74, God01, Hom97a, Osa90, UE05, Bai88, DGB82, Hom99, Lew94, McC81, WN09, Woź10].  
**Converging** [Din58, ITY95, Air37, Boy09, Jam89, Sch95].  
**Convex** [Lit83, EH89, Fuk83, Zwi87]. **conveyors** [KK98, Liu95].  
**convolution** [Mül99]. **Coprocessor** [KZ90, TVG00]. **Coq** [BMZ06].  
**CORDIC** [Ekl01, HTHR94, Mül90, VVA09, Vol59b, Vol59a, Völ83, MMM93, Völ83]. **CORDIC-Algorithmen** [Mül90]. **Cornelius** [BCEP94].  
**Corner** [Bli97]. **Correct** [LM03]. **Correction** [BHK09].  
**Correctly** [BJK<sup>+</sup>11, Kah96, LA01, LM00, Ziv91, BMR04, CLZ04, LMT98, SS93b]. **Correctness** [CH98, CHGM99, Rus99].  
**Correspondence** [Hon71, vRdL88]. **Corrigenda** [Ano94, Cod66].  
**Corrigendum** [CT67a, Joh87b, Lew87, Per87, Fra81].  
**Cosine** [Cun62a, Cun62c, SZ76, Tan90c, Tha61, Saf10].  
**Cost** [CL00, Dan82, FLMR00]. **Cost/performance** [CL00].  
**CoStLy** [Neh07]. **COULFG** [Bar82b, Bar84a]. **COULN** [NT84].  
**Coulomb** [Abr64a, BDG<sup>+</sup>72, BDG<sup>+</sup>84, BFSG74, Bar76, Bar82b, Bar82a, Bar84a, BFSG84, Bar84b, Bar84c, BS84, Boe69, CH70b, CP70, Frö55, Gau66b, Gau69b, Gun67, Hum85, Ike75, Ike76, Köl69a, Köl69b, Köl69c, Köl72d, MKS83,

Nes84, NT84, Sea84, SG72, TTW79, TTW84, TR84, TB86, Vos73, Wil71].  
**coupling** [Gun65a]. **course** [BW00]. **Cray** [???90, KB90]. **Criteria** [Ike76].  
**criterion** [Fik67]. **crunching** [Atk79]. **cryptography** [Per85a].  
**cryptoprotocols** [Per85a]. **crystalline** [Har77].  
**Cube** [AH10, Ded26, Lan42, PBLM08, Yoh70, Yoh73, Pen81, RS98].  
**Cubic** [Car89]. **Cubiche** [RS98]. **Cubing** [AH10].  
**Cumulative** [Pom74, Pom76]. **current** [BIS01, KK98, Liu95].  
**Curve** [Che70, HJ67a, HJ67b, Hol70, Squ70, Ber68]. **Curves** [Sch85, Nis94].  
**Cuts** [Kah82, Kah87]. **Cylinder** [Dor66, Mil64, WR71, GST06a, GST06b,  
 GST11a, GST11b, Kre89, LR74, MMV81, RL76, SGA81, SG98].  
**Cylindrical** [Kod08, Kod11, Mas83, KB86].

**D** [Fet81b, Köl97, BJK<sup>+</sup>11, NKY08]. **d'accélération** [Bre78c].  
**Dallas** [Koo91]. **d'après** [Laz85].  
**Data** [Joh88, Krä87, Mae60, MC87, BCG91, EMR82a, FK88, Wen01].  
**datapath** [CCCP99]. **Datenformate** [Krä87]. **Davenport** [Laz85].  
**Davidson** [Ovt03]. **Dawson** [Dij77, Hum64, McC74]. **Debye** [ND70].  
**decade** [Bre85]. **December** [ACM87, BCEP94].  
**Decimal** [Har09a, VVA09, WS05b, Bai88]. **Decreasing** [BFHT85].  
**dedicated** [IK05]. **Defektberechnung** [Mül90]. **defined** [Tre80].  
**definite** [Gla74]. **definition** [BL71]. **Degenerate** [PS79]. **degree** [Tes69].  
**demonstration** [CCC96]. **Denominator** [BM04]. **density** [CKL89, McN73].  
**Denver** [Luk99, USE88]. **Department** [Tra76]. **dependent** [Kre89].  
**Depth** [BFHT85, OTY91].  
**derivative** [CS82, CS83, GST11a, War75, Wen64].  
**Derivatives** [Amo83, AG08, Dan82, GK70b, Ike75, Ike76, Lau73, SB71,  
 Tem79, Bar82b, Bar82a, Bar84a, Bus74, Che81, Dom03, GK70a, MP79,  
 McC81, Sai89, Sun88, Gau66a]. **Design** [ASA06, BT99, BH01, BH07, CCC96,  
 IEE89a, IEE89c, LKH93, LMS99, OLHA95, SS94, TBDS11, ZG87, SL97].  
**designing** [WN03]. **designs** [CL94a, Sg92, SS93b]. **Desirable** [Hul78].  
**Desk** [BR73]. **Determinant** [CT88].  
**Determination** [BB94, Hol69, Liu93, dAPM77, Ter79, VRS<sup>+</sup>95, VRS<sup>+</sup>99].  
**Deuxièmes** [AEF92]. **Develop** [ACG<sup>+</sup>87]. **Development** [Lev73, PN85].  
**Deviate** [HD73]. **diagonal** [Kra89]. **Difference** [LA85, Olv67, CH78].  
**differences** [MNP83]. **different** [Her71].  
**Differentiable** [PS93, Pro87, Zie89]. **Differential** [Cas83, Cle69, Fri72,  
 AO08, Arm82, FLO04, GST04b, HBF09, KR86]. **differently** [DM91].  
**Differentsiruemye** [PS93]. **differintegrations** [Nis84]. **Difficult** [Alt79].  
**Difficulties** [Lon81]. **Difficulty** [Tur69].  
**Digamma** [Köl72c, Moo67, Spo94, Fer07, Köl84].  
**Digit** [ALMN05, BL94, BTDS11, DM92, EM03, Kor05, LA01, PBLM08,  
 Rus13, TBDS11, CA00, EL94, LKKH99, LE93, LP83, MC93, MC95, PKP74].  
**Digit-by-Digit** [PBLM08, LP83]. **Digit-by-Rounding** [BTDS11, TBDS11].  
**Digit-Recurrence** [ALMN05, EM03, EL94, LE93].

**Digital** [CET62, IEE99, LMS99, Loz03, Maj85, MKY92, Has55, Lin57, RW77].  
**digits** [Bai88, BBB89]. **DIIS** [Sel93]. **Dilogarithm** [GZ75, Mor76, Mor79].  
**dimension** [LP62, vRdL88]. **dimensional** [PS93, VB81].  
**Dimensions** [Sle64]. **Dirac** [CT67a, CT67b, Din58, Fer86, Goa95].  
**Direct** [HAK91, Ng68]. **direction** [DR89]. **directions** [BIS01].  
**discrepancy** [Pro88].  
**Discrete** [JMS98, Mul85a, Roc82, Sle78, Per85a, Rei86, Tur72].  
**Discussion** [BJK<sup>+</sup>11]. **Discussions** [Cah54, Ded26, Esc37, Kal34].  
**dispersion** [CH78]. **displacement** [YH89]. **Distance** [Lef05].  
**distributed** [Tak00]. **distributed-memory** [Tak00].  
**Distribution** [Dor68, HJ67b, Hil70a, Hil77, Lin09, Mar04, Pom74, Pom76, Rob69, Tim87, Fet79, FW84, HB75, MZM94, Sho86, Wri84, Hil81a, eL79].  
**distributions** [SZW11, Wan82, ZZ11]. **divergent** [Wen89, Wen10].  
**Divide** [BH07, CH98, D<sup>+</sup>89, GBKK09, Int03a, PZ95, SL95, Wil70, ZG87, AGS99, BH01, CHGM99, Mat90b, MM92, Saw02, WMDM92]. **Divide/Square** [SL95]. **divided** [MNP83]. **divider** [LMT<sup>+</sup>92]. **Divine** [Bat07].  
**Division** [BR73, CHI<sup>+</sup>03, CL94b, EL94, EIM<sup>+</sup>00, Int03b, IM99b, ITY95, JJ65, Kah99, KM97, Kor05, LM95, LA03, LF92, MIT<sup>+</sup>95, Nan11, PB02, Rus98, Sar59, SL97, Tra60, WG92, AHM<sup>+</sup>98, ALB98, BMR04, CL94a, CL95, EL89b, EL89a, EM03, Fan89, GREL96, HTHR94, HF95, ITY97, KM93, KP98, LM99, LKH93, LKKH99, MI97, MMW91, MM91a, MMH93, MC91, MC93, MC95, NL99, Obe99, OJ04, SF93b, Sch95, Ste89, Tak00, Tay81, TE06, WN03, ZXBZH01, Zim00]. **division-free** [HTHR94]. **division/square** [ALB98, LM99]. **division/square-root** [ALB98].  
**Divisionless** [Sar60]. **divisor** [BMR04]. **DLMF** [Loz00]. **do** [Ped80, Wen09].  
**Documentation** [Rot70b]. **Dokumentation** [Rot70b].  
**Domain** [PP12, Cro92, HTHR94]. **domains** [Ric92, Sau93, Shi93].  
**dont** [Del81]. **Doppler** [WKG66].  
**Double** [Cod64, DAV12a, DAV12b, Kin65, LL09, LM03, PB02, SH72, Sca71, She76, Spe72, Swa65, HHv<sup>+</sup>73, Hon71, MS87, Paw11, Tem86, TE06, WG94a].  
**Double-Length** [SH72, HHv<sup>+</sup>73, Hon71].  
**Double-Precision** [Cod64, Kin65, Swa65].  
**Driven** [ASA06, Tan89a, Tan90d, Tan92]. **drobno** [Saa91].  
**drobno-ratsional'nykh** [Saa91].  
**DSP** [BJG<sup>+</sup>99, BJG<sup>+</sup>00, MKY92, Ste89, WMDM92].  
**DSP-Oriented** [MKY92]. **dual** [KMY89, MI97]. **dual-rail** [MI97].  
**Dualmaschinen** [Rot70a]. **duplication** [Car79, Fuk13]. **during** [Bre00].  
**Dynamic** [Mül90, Dem89, Kra88, MI97]. **Dynamical** [Mey01, Ise94].  
**dynamics** [AGH89, Ise91]. **dynamischer** [Mül90]. **Dyson** [Hom96a].  
**Dzjadik** [Kon76].  
  
**early** [Dut84]. **ECCTD** [IEE89a]. **Eclectic** [Sri07]. **Economic** [SK71].  
**edge** [Mit92]. **edition** [Fet81b, Köl97]. **editor** [Cat86, Fik67, Kin65, Swa65].  
**Education** [LMS99]. **effect** [Lit93, Lit94].

**Effective** [Kra85b, AM89, Jab12, KC11]. **effektivnom** [DZKK77].  
**efficiencies** [Jam89]. **Efficient** [Ahm89, CL94a, CVW06, DJ67, DZKK77, Fow93, FR76, ITY95, ITY97, Joh87a, KB86, LL09, LJ13, NKY08, Ric73, SW99a, Smi89, Spi61, Tan90a, WS05a, Woź10, Bak75a, CGKZ05a, CGKZ05b, Dan77, Ell83, Has00a, HF95, Joh87b, LKH93, MC89, Tom00, Vep08, Wal84].  
**efficiently** [NL94]. **Effusions** [Bat07]. **Egypt** [Wah04]. **Eigenvalue** [Ovt03].  
**Eigenvalues** [SS65]. **Eignung** [Völ83]. **Einbettung** [von80].  
**einfacher** [von84]. **einiger** [Fil66]. **Einschließung** [Sch68].  
**Einstein** [Din58, NDT69]. **Electrical** [Wah04].  
**Electronic** [BR73, Kog57, Kog58b, Kog58a, Kog59, Rob55, Wah04, Har77].  
**electronic-structure** [Har77]. **element** [LG79, Mon83].  
**Elementaarsed** [Jür66]. **élémentaires** [Ber84, Laz85, Mul85b, Mul86].  
**elementaren** [Rot71, Völ83].  
**Elementarer** [Emd40, Emd45, Emd48, Emd59, Fil66].  
**elementarnykh** [Bar72, DZKK77, LČJ63, LP83, PS93, Saa91].  
**Elementary** [ACG<sup>+</sup>86, Ahm89, AFC10, Bak75b, Bak92a, BSY82, BBM84, BB84, Bra87, Bre76a, Bre80a, Cod71, CW80, Cod91, Cod93, CB87, CVW06, Dam94, Dav81, DeL70, Dri89, Emd40, Emd45, Emd48, Emd59, Erc72, Erc73, ELMT00, Far81, Fil66, Fra78, Frö61, Frö63a, Gal85, GB91, GL83, Gon52a, Gon52b, Gus86, HKA93, Hul78, HFT94, Jür66, Kah82, Kah87, KDDH92, KDDH94, KB90, Kog66, KZ90, Krä87, LM03, Leh96, Liu87, LJ13, dL70, LCY65, Mar72, Mat87, MCM90, Mor64, Mül90, Mul97, NS09, NKY08, Nis94, OTY91, PW76, Ric68, Rit25, Rot70b, Rot71, Sal92, SS94, SS99a, Spi61, SDP11, Tan89b, Tan90b, Tan91b, Tho87, Tur72, Völ83, Wan74, WG91, WG94b, Ziv91, Zuc64, dDLM11, von80, von84, ACG<sup>+</sup>87, AM78a, Arm82, BKM94, Bak73, Bak75a, Bar72, BBD03].  
**elementary** [Ber84, BL71, Bor88, BCD<sup>+</sup>02, BD02, Bre75, Bre76b, Bro89b, Bro89a, Bro90, Car69, Car90, Che81, CA00, Cle54, Cod82, CDJ<sup>+</sup>01, Dan77, Das94, DMMM95, Dri91d, Dri91a, Dri91c, DM88a, DK77, DF78, DZKK77, Ekl01, Eps75, EC79, FLMR00, Fer86, Fog51, Gal86, GM84, Hai60, HHv<sup>+</sup>73, Her69, Her71, Hit75, Jam81, Kai89, Kaz65, Kog60, Kon76, Kra85a, Kra85b, Kui52, Laz85, LM07, Lin57, Liu93, LČJ63, Loe01, vdD88, Lut95, LP83, MS67, Mak65, Mak80, MT72, Mar81, Mar90, Mar00, Mar03, McC77, Mer94, MY91, MV98, Mul85a, Mul85b, Mul86, Nag68, Nis84, OGWY94, Olv80, Pei63, PKP74, PS93, Ric88, Ris79, KR86, Saa91, Sai89, Sal76b, Sg92, SS93a, SS93b, Shi93, Sho60, Sim64, Smi89, Spe72, Squ91a, Squ91b, Squ91c].  
**elementary** [Tan91a, Tes69, Tre80, Wal71, War60, WG94a, WG95, XLX<sup>+</sup>83, XL94, ZSA86, dDM06]. **Elementary-Function** [BBM84]. **elements** [Mus87].  
**ELF** [SG99]. **Ellipse** [Adl12]. **Ellipsoids** [DR94a, DR94b].  
**Elliptic** [AVV90, AVV92, Boe61, Car77a, CN81, Car87, Car88, Car89, Car92, CG94, Car99, Cod65a, Cod65b, Cod66, DH59, Eck80, Ehr61, FL67, Fet65, FC64, Fra65a, GW71, Gla71, Lan60, LW63a, LW63b, Lóp00, Luk68, Luk70, Mer62, Mey01, MT64a, MT64b, NC66, PS05, QV96, QVV98, Sch85, Sid95, Sko78, Sou64, Van69, Wri73, ZC70, BZ92, Bul65a, Bul65b, Bul69a, Bul69b,



Car79, CG85a, Car91, Car95, Cri89, DCL<sup>+</sup>92, Eck77, Far69, Fet81b, Fet81a, FI94, Fuk09a, Fuk09b, Fuk10, Fuk11, Fuk12, Fuk13, Gra02, Her61a, Her61b, HvdR63, Jef62, Köl97, Lan80, Lar66, Mey63, Mid75, MH72, Mor78, Mor99, Nis94, Paw11, Sch76a, Sch77a, Tha63a, Tha63c, Tha63b, VM87, vdR63].  
**elliptically** [Was89]. **Eloquent** [Adl12]. **embedded** [Ste08].  
**Embedding** [von80]. **Emphasis** [BS98, Buc69]. **empirical** [Ruy89].  
**enclosure** [Sch68]. **encoding** [ZXBZH01]. **end** [Fet74].  
**energies** [BS84, TR84]. **energy** [Bar84b, NT84, Sea84, Sti88].  
**Engineering** [Wah04].  
**engineers** [And98, Bel68, Bel04, Fet81b, Köl97, Lau95, Lau04, Sen67].  
**England** [KM95]. **English** [AEF92, Hom96b]. **Enhanced** [BHK09].  
**Enhancement** [Boi97]. **ensembles** [AEF92].  
**Entire** [BDG<sup>+</sup>72, BDG<sup>+</sup>84, Zal89]. **epsilon** [HL13]. **Equal** [KP75].  
**Equation** [Bra65, Cle69, Fri72, Hom96a, Mil57, FLO04, GST04b, Mon83].  
**Equations** [Cas83, Cow64, HBS00, Lir71, Olv67, AO08, Ars68, BBB89, HBF09, PS77, PS78, PS79]. **Equianharmonic** [Sou57, T.57].  
**equivalence** [Her71]. **ERF** [HJ67b]. **ergodic** [Kra89]. **ERL** [GEK04].  
**Erlang** [Whi63]. **Errata** [Coh12, Fet81b, Fet81a, Köl97].  
**Erratum** [Amo78, Frö63a, LW63a, Tho04, VRS<sup>+</sup>99, Wre73]. **erreurs** [Del81].  
**Error** [Bre83, Bre99, Car63, Car75, CR68, Chr65, Cod90, FCC73b, Fra78, Gau61, Gau64c, Gau69a, KP69, Krä87, Kuk72a, Kuk72b, MR71, Mil89, MM91b, Mü190, NSR10, Olv88, Sal51a, Str68, Tan91b, Woo67, Akr85, Bel90, BEJ76, Del81, EL08, FCC73a, Fet74, GK70a, HJ67b, HR72, Köl72a, Kra98, Lit93, Lit94, Mag94, Mat90a, McC74, Phi79, Sch78c, Wil96, Zak69, vdLT84, Alb62, HJ67b, SZ70]. **error-like** [vdLT84].  
**Errors** [Bra65, CJL09, KP75, Bor10, Wen07]. **essentially** [LP62].  
**est** [Del81]. **estimate** [McC74]. **Estimates** [Fra78, Krä87, McC84, Ovt03, Per85b, Per87, QV96, BD85, Bre99, CG89, Che13, Mar85].  
**Estimation** [CKL89, Dem89, GK89a, Mat90a].  
**estimators** [LW89, Wan82, vR89]. **Estonian** [Jür66]. **ETAPS** [Bor02].  
**étude** [Bre78c]. **Eugene** [Tal68].  
**Euler** [Bor10, BM80, CM13, Chl11, Dav59, HG64, KB67, Swe63].  
**European** [IEE89a]. **evaluate** [McC77, SdCR97, SG99].  
**Evaluating** [Dan82, KZ90, LS95, Mar04, Mul82, Whi63, FLMR00, NT84].  
**Evaluation** [AMT78, Bar61, BSY82, Bre76a, Bur74, CET62, CR68, Cod90, CP79, DeL70, DM88a, Erc72, Erc73, Far81, Fik68, Fra65a, Fra78, FR76, Ful80, GA08, Gau77b, GST02d, Gla66, GW71, GN89, Jab94, JKMR11, Kuk66, Lan60, LL72, Lin79, LW82, dL70, Mar72, Mar88, MR65, NC66, PS11, Ric73, Sch78a, SG76, oKSAG79, SC71, SF87, SG72, Tak66, Tem75a, Tho66, WOG95, Ziv91, BC79, Bar82a, BS06, BO75, BZ92, Bre75, Bre76b, Bun09, CGKZ05a, CGKZ05b, CLM88, CJR91, CJR92a, CJR92b, DF84, Di 86, Dun90, DM88b, Ein79, FW85, GEK04, Gra63b, HF09, HR72, LGML05, LO94, MT72, MZM94, Max91, Mil89, OGWY94, PKS00, Pas95, SGA81, SZ77, Smi89, Tem76, Wal84, Wen64, Wil71, WG94a, WG95, Cun62a, Cun62b, Cun62c, LDP93].

**Evaluations** [GS82b, Lav86]. **evaluator** [PBN93].  
**Exact** [Lef05, Pom74, Pom76, SS93a, BWKM91, CZ10]. **Exactly** [SS94].  
**examine** [Wil96]. **Excellence** [Lid01, Lid02]. **Exception** [HFT94].  
**exchange** [SR81]. **Execution** [Bai93]. **Exercise** [BB12].  
**Existence** [Som82, Wan74]. **existing** [FKY86].  
**Expansion** [FO99, Kim72, Luk59, LC61, NDT69, Pie84c, Sch64, Tho65, Van69, Won73, Won88, AS03, CG85a, Dij77, Ehr89, Fet79, HL13, Kal04, KWW07a, KWW07b, MMV81, McC74, Nag01, Sch76a, Sch77a, TC01].  
**Expansions** [Boe69, Cod65b, Cur64, Din58, FW61, Hom97c, Hom98a, Hum64, Lóp00, Olv91, SR53, She74, She76, Sle65, Tha61, WR71, Woo67, BF92, Bor10, CM83, CB87, Dom03, Fuk12, Hum85, Lan80, Mac72, Nag04, Ném65, Sch78c, Sch80, Tem75b, Tem78]. **Explanatory** [Ful81b].  
**Explicit** [Buj75, McC84, GF97, OG82]. **Exploring** [SL97]. **Expm1** [Tan92].  
**Exponent** [BHK09].  
**Exponential** [AAH10, AS10, CET62, Caw00, CLOT86, CT69, Cor61, Fri72, GC64, Gau73, HJ96, HA86, Kar84, Mil85, Ng70, PS11, PEB04, Red70, Sch99, Smi11, SZ74, SZ76, Sto41, Tan88, Tan89a, Tan90a, Zuc64, BSW95, Bea60, Bor10, BT99, Che71, CLM88, CT68, DR04, DR89, Fog51, GEK04, JMS98, Kan96, Mag94, MNP83, Ng84, PBE03, RT61, SZ77, vdLT84, Pac70].  
**Exponentially** [Olv91]. **Exponentials** [Che72]. **exponentiation** [CC69].  
**Expression** [Cun62a]. **Expressions** [BFHT85, Sho60].  
**Extended** [CQSP04, Hom97b, SOL81, KA71]. **extended-precision** [KA71].  
**Extended-Range** [SOL81]. **extends** [GP84].  
**Extension** [Hea65, Hom97c, Rus88, Bul69a, Ge89, Kai89].  
**Extensions** [Ein89, Sle64, Ker83]. **Extracting** [Esc37, Pen81].  
**Extraction** [BR73, Lan42, MK71, Maj72, BDGB83, GREL96].  
**Extractor** [HAK91]. **extracts** [Fre81].  
**Extrapolation** [Bre82a, BR91, Sid03, Bre80b, Háv79, Háv81, Saf10, Wal96].  
**extreme** [YM03].  
  
**F** [Coh12, Fet81b, Köl97]. **Faber** [Ell83]. **factor** [Air37, Car91].  
**factorial** [Bor10, Fer07, Wen10]. **Factors** [Car92, Din58, Sch84].  
**Faddeyeva** [ZA11]. **failure** [Wan82]. **Fall** [AFI69]. **familiar** [BB88].  
**Families** [AS10].  
**Fast** [Ahr96, Ano12, BS06, BB84, BZ92, Bre76a, Caw00, CH89, CJL09, Fuk09a, Fuk09b, Fuk10, GST11b, GLR07, Gus86, Har09b, Hei96, HJ96, ITY95, KB90, KP98, Mar05, Rol87, Sch99, Sor94, Tro84, WG91, WG94a, WG94b, WG95, Ziv91, Bak76, Bun09, DMMM95, Fuk11, Fuk13, GEK04, Has00b, Lyo91, Mar03, Mit92, OGWW94, PKS00, Phi79, Tom00, Zim00].  
**Fast-Start** [Mar05]. **Faster** [Fil92, DM91]. **fatigue** [Sob88].  
**Favard** [GS82a]. **Feasibility** [Dun90, Via89]. **February** [Koo91].  
**feedforward** [HSW89]. **Fehlerabschätzungen** [Krä87].  
**fehlerhaften** [Bra65]. **Fehlerschranken** [Alb62]. **Fejér** [Mag94, VT11].  
**Fermi** [CT67a, CT67b, Din58, Fer86, Frö63b, Goa95, WR63].

**Fibonacci** [RS98]. **Field** [LE95, Ngu98, Ehr89, LE93, OSS09].  
**Fields** [HCK09, Mül04, Sch85, KCYL06]. **Fifth** [Ded26, SC01].  
**Filter** [MKY92]. **find** [Che81, LG79].  
**Finding** [CH70a, Bre75, Bre76b, Jam89, Lyo91, Vai89]. **Finite** [Bus74, HCK09, Lew69, Mül04, Sch85, Fog51, Hai60, KCYL06, LG79, Mon83].  
**First** [Ban01, Bea58, Bra70, Car77a, Cod83, DH59, ES99, FL67, Jab94, LW63a, LW63b, Pie84c, Van69, BZ92, CG85a, Cha82, Cob69, DAV12a, DAV12b, Fet81a, Fuk10, Her61a, HvdR63, Mor99, Sca71, SG99, Tha63c, Wal84, YM97].  
**Fitting** [Sto41, BCG91, Phi79]. **Fixed** [HHR00, Vav89].  
**Floating** [AAH10, Bli97, Bra87, CH98, D<sup>+</sup>89, DHL<sup>+</sup>04, GB91, Has90, Hul78, JKMR11, JMMW79, Kah80, LD89, MMNP91, Obe99, Rus98, Sch88, Smi91, Ste08, Tan89a, Tan90d, Tan92, WS05b, dDLM11, BBC<sup>+</sup>91, BWKM91, BCK<sup>+</sup>93, BMR04, CHGM99, Hou81, Kra98, Kul07, LKH93, LC97a, LMOT01, MT72, Mat90b, OY91, OJ04, PKS00, Rus99, SF93b, Smi01, SL97, Ste89, TE06, TRHH94, VCV01, WN03, dDM06]. **Floating-Point** [AAH10, Bli97, Bra87, CH98, DHL<sup>+</sup>04, Has90, Hul78, JKMR11, JMMW79, Kah80, LD89, MMNP91, Smi91, Tan89a, Tan90d, Tan92, WS05b, dDLM11, BBC<sup>+</sup>91, BCK<sup>+</sup>93, BMR04, CHGM99, Hou81, Kra98, LKH93, LMOT01, MT72, OY91, OJ04, PKS00, SF93b, Smi01, SL97, Ste89, TRHH94, VCV01, WN03, dDM06].  
**Florida** [Men06, Ric92]. **floos** [AEF92]. **flow** [Joh83]. **flows** [Fei78].  
**fly** [EL89b]. **FNLIB** [Ful81b, Ful81a]. **following** [Laz85].  
**functions** [Ber84, Laz85, Mul85b, Mul86]. **Force** [Fet81a]. **Forensic** [BB12].  
**Form** [AMS76, GW71, Dav88, FI94, Wal84]. **Formal** [Rus13, Saw02].  
**Formally** [BDL09]. **Format** [MMNP91]. **Formats** [Krä87].  
**Formelsammlung** [Sne63]. **Formula** [Adl12, Spi71, Sun71, FNC75, FO93, GF97, KC11, Kza99, Mak80, Mei83, Sch77a, Sne63].  
**Formulae** [KP03, Wim68, Akr85, Ben98, Jam89, RX07, Ver77].  
**Formulas** [AS64, Boe61, Buj75, Car70, Coh12, DH59, Gas81, LW63b, MO49, MOS66, Sal51a, Ske86a, Ske86b, CS11, FKY86, Kza92, OSS09, Sim64, LW63a, Wig67]. **Forth** [Koo91]. **Fortran** [GN89, Amo83, Bai93, HKA93, KDDH92, Kuk66, KA71, Sca71, Smi91, CZ10, Col80, Col84, GST02b, GST02c, KDDH94, Smi01, Tho97a, WNO94, Wie99]. **Fortran-77** [KDDH94].  
**Forum** [IEE99]. **Forward** [LDP93]. **foundational** [Fer07].  
**Foundations** [IEE89b]. **four** [DMS95, HFS99]. **four-quadrant** [HFS99].  
**Fourier** [AO08, Boy09, HBF09, Hom97b, Hom97d, Hom98b, LP61, LP62, Lan80, MS87, Ole96, SP61, Sle64, Sle78]. **Fourth** [Atk79].  
**FPGA** [DR04, TVG00]. **FPGA-based** [DR04]. **FPGAs** [LC97a, WN03].  
**FPU** [AHM<sup>+</sup>98]. **fractals** [PH90]. **Fraction** [Bar74, Smi95, Spi61, Bar82a, Cha80, Che13, Dij77, Gau77a, Kra89, McC74, SdCR97].  
**Fractional** [Ano46, Ant64, CMF77, MG85, Sai89, VM87, Abr45, GM88, MG89, MPG92a, MPG92b, Nis84, SO89, Tim87].  
**Fractions** [CPV<sup>+</sup>08, Len76, Mor64, Pas03, SB71, BC09, BZ92, Hau88, JW88, Lan80, Lem88, Lev91a, Lev91b, Now06, Pas92, RdC93, Spe72].  
**framework** [Per85a]. **France** [Ano03, Ano06, Bor02, KM91, KM07].

**FRB** [CZ10]. **Free** [LF92, CZ10, HTHR94].  
**French** [Ber84, Bre77, Bre78c, DGB80, Del81, Laz85, Mul85b, Mul86].  
**Frequency** [Hil73]. **Fresnel** [Act74, And00, Chr62, Cun62a, Cun62b, Cun62c, Fle68, Gau64c, Gra63a, Gra63b, Gra64, LG64, Ném65].  
**FRG** [MT85, MT86]. **Friedman** [Fet81b, Köl97]. **Fritz** [Wig67].  
**Fukuoka** [Ano91]. **full** [AHM<sup>+</sup>98, LKKH99, Spr00]. **Function** [AS95, Ahm89, AAHTH10, Amo83, AK09, Bar61, BY07, BJG<sup>+</sup>99, BBM84, BP67, BBC98, BBC00, BI86, CET62, Car63, Car75, Caw00, CR68, CH67, CST73, Cod75, D. 44, Dav64, DHL<sup>+</sup>04, DJ67, DM92, Eck76, ES99, FLR03, FCC73b, Ful72, Ful77, GB68, Gau61, Gau64c, Gau69a, Gau77b, GST02d, GZ75, Gla66, Gus86, HP62, Har09b, HG64, Hea65, Her61c, HJ96, Hil77, HA86, Hum64, KDDH92, KDDH94, Kim72, Kol70, Köl72c, Kol72b, Kor11, Kuk66, Kuk71, Kuk72a, Kuk72b, Laf84, Lan64, LDP93, Lin72, Liu87, LT71, dL70, Luk59, Mac89, Mar65, Mar85, Mar86, Mat04, MR71, Mil85, Min70, Moo67, Mor76, Mor79, NSR10, NF63, Ng75, Olv91, OM68, PW76, PH66, POMB05, Raf70, Rei69, Sal51a, ST07, Sch64, Sch78b, Sch76b, Sch77b, Sch99, SS97b, SS97a].  
**Function** [SG02b, SB71, Sou57, Spi71, Sri07, SLZ05, SS99b, Sto41, Str68, Sun71, Tak66, Tan88, Tan89a, Tan90b, Tan90d, Tan92, Tem75a, Tho87, WS05a, WC61, WG91, WG94b, Woo67, Wre68, dDLM11, AS03, Alz93, Alz97b, Alz08, AG08, AM78a, BC79, Bak92b, BSW95, BS00, BEJ76, BS06, BF92, BST13, BO75, BZ92, Bos89, Bra64, Bre75, Bre76b, Buc69, Büh87, BT99, Cha80, Che13, CS11, CHT71, Cod82, Col80, CM83, Col84, CB87, CS82, CS83, CC64, Dav59, DAV12a, Del79, Dun84, Dun90, Dut84, Eck77, Ekl01, EL08, Eps75, EMR82a, FNC75, FLS06, Fet63, FCC73a, Fet74, For97, FW80, Fra81, FW84, Frö63b, GA08, GP64, Gau64b, GS78, GS88, GK89a, GST11a, GST11b, Gon52b, GP84, HF09, HHR00, HJ67b, Hum85, HR72, Jab12, Jab13, Jam81, Jam99].  
**function** [JS89, Jon70, JMS98, Kai89, Kaz65, Ker83, Köl72a, Köl84, Las82, LGML05, LG79, Lew44, LW82, Mag94, Mar03, MZM94, MG85, MG89, MPG92a, MPG92b, MNP83, Moo81, Moo84, Mul01, Nag01, Nag04, OY91, OSS09, Par72, Per85b, Per87, Phi60, Phi79, Pie82, Pie84a, Pit67, Pow88, Pré10, Puo88, RL76, Sal89, Sho86, Sko04, Sko05, SC81, T.57, Tan91a, Tem75b, Tem76, Tem83a, Tem86, Ter81b, Tha62a, TC01, Uni49, Vai89, VC06b, Veb12, WC90, Wim74, Wri84, YM97, Zak69, ZB95, Zha95, ZB97, vdLT84, Hol69, Wre73].  
**Functional** [AVV90, AVV92, Deh89, Kog89, Liu93, vRdL88].  
**functionals** [Deh89]. **Functions** [Abr64a, AS64, Abr64b, ACG<sup>+</sup>86, Alh00b, AFC10, AGL93, Amo73, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, AVV92, ASA06, AMT78, AAR99, Ano46, Ant64, AM77, AKS01, Bak75b, Bak92a, BDG<sup>+</sup>72, BA44, BD99, BJG<sup>+</sup>00, Bat07, BSY82, Bea58, BK78, Ben83, BH65, Bin68, BC62, Bla64, Boe62, Boe69, BL02, BB84, Bra87, Bra70, Bre76a, Bre80a, BGVHN99, Bur63, Bur64, Bur74, Bus76, Cam84b, Car70, Car77b, CP98, CHG<sup>+</sup>11, CMW63, CLOT86, CH70a, CP70, Cod71, CMF77, CW80, Cod83, Cod90, Cod91, Cod93, Cur64, CVW06, CPV<sup>+</sup>08, D<sup>+</sup>89, Dav64, Dav81, DeL70, Deu76, Din58, Dor66, Dri89, DM88a, Eck80, Emd40, Emd45, Emd48, Emd59, Erc72, Erc73, ELMT00, FO99, Fab04, Far81,

FB91, FW61, Fie65, Fik68, Fil66, Fle68, Fow93, Fra78, Fra65b].

**Functions** [Frö55, Frö61, Frö63a, Ful80, Gal85, GC64, Gau65, Gau66b, Gau75, Gau79a, Gau79b, Gau99, GST03, GKS04, GLR07, GT58, GT59, GN89, Gun67, HKST99, HJ67b, Hin77, Hit57, HKA93, Hul78, HFT94, Ike75, Ike76, Jab94, Jan77, Kah82, Kah87, KB90, KKI67, Kod08, Kod11, Kog66, KZ90, Krä87, LaF54, Lau73, LM03, Len76, Lew69, Lew75, LDP93, Lin79, Lir71, LJ13, Low64, LO93, Loz94, Loz96a, Loz96b, Loz97a, Loz97b, Loz00, Luk59, LC61, Luk64, Luk69a, Luk69b, Luk71a, Luk71b, Luk72, Luk77, LASC95, LCY65, Mar72, MC87, Mat87, MR71, MS68, McC02, Mec66, Mec68, Mey01, Mil64, Mil65, MT64b, Mor64, Mos72, Mos89, Mül90, NS09, NKY08, Nas74, Nav83, NDT69, ND70, Obe64, OTY91, Olv64, Olv67, Olv74, OLBC10, PS05, Pie84c, PP12, Pri75, R. 43].

**Functions** [Rai60, Rap94, RS81, RL80, Ric73, Ric68, Rot70b, Rot71, Rum01, Sal92, Sal51b, SS94, SS99a, oKSAG79, She76, SF59, SC01, Sid95, Sla64, Sle64, Sle65, Sle78, Smi11, Sol69, Soo73a, Soo73b, Soo73d, Soo73c, Sou64, SO87, Spi61, Spo94, Sri70, SA57, Ste64a, Ste64b, SZ70, SZ74, SZ76, ST99, SG72, SDP11, TS69, TTW79, Tal68, Tan90a, Tan90c, Tan91b, Tem79, Tem92, Tha79, Tho13, TS76, VB04, VVA09, Ver67, Völ83, Vos73, Wan74, WG89, Whi63, Wig67, Wil96, Wim68, WR71, ZS64, Ziv91, Zuc64, von80, von84, Abr45, ACG<sup>+</sup>87, AO08, Air37, Alh00a, Alz97a, Amo74, And98, Ano93, Ano98, AM78b, AM79, AM84a, AM84c, AM84b, Arm82, Ars68, Ask75, BC09, BKM94, Bak73, Bak75a, Ban01, BDG<sup>+</sup>84, Bar72, BFSG74, Bar82b, Bar82a].

**functions** [Bar84a, BFSG84, Bar84b, BW10, BBD03, BB82, Bel68, BS84, Bel04, Ben98, Ber84, BG84, Ber01, Bla74, BEJ78, BL71, BB88, Bor88, Bow58, BCD<sup>+</sup>02, BD02, BPD81, Bro89b, Bro89a, Bro90, Büh92, Büh03, Bul65a, Bul65b, Bun09, Bus74, BIS01, Cai11, Cam79, Cam81, Cam84a, CL11, Car69, Car90, Car82, CKT07, Cha82, CQSP04, Che71, Che81, CKL89, CB12, CA00, CH78, Cle54, Cob69, Coc65, CDS00, Coh12, CCV11, CJR91, CJR92a, CJR92b, CDJ<sup>+</sup>01, Cri89, Dam94, Dan77, Das94, DMS95, DCL<sup>+</sup>92, DMMM95, DAV12b, DT09, DF84, Di 86, Die80, DKK80, Dom03, DM08, Dri91d, Dri91a, Dri91b, Dri91c, DIW00, DHM89, DK77, DF78, DZKK77, El 06, EC79, FLO04, FLMR00, Fei78, FS92, FMC82, Fer86, Fer07, Fog51, FO93, FKY86].

**functions** [Fuk09a, Fuk09b, Fuk13, Gab79, Gal86, GAZK03, GI01, Gau64a, Gau69b, Gau77a, Gau02, GG08, Gau11, GS82a, GEK04, GRS87, GF97, GST02b, GST02c, GST02a, GST04a, GST06a, GST06b, GST07a, GL83, GM84, Gla74, Gon52a, Gon52b, GM88, GK89b, HTHR94, Hai60, HB75, HHv<sup>+</sup>73, HBF09, Her69, Her71, Hig77, Hit75, Hoc61, HvdR63, HUY07, HR88, HL13, Hum85, Ism77, IK05, JL12, Jür66, Kal04, KWW07a, KWW07b, Kan96, Kas80, KV03, Kog60, Köl69a, Köl69b, Köl69c, Kon76, Kor02, KS88, Kra88, KRVZ98, Kra85a, Kra85b, Kui52, Kul07, KB86, Kyr74, Kza92, LP61, LP62, Lan80, LR74, Laz85, Leb72, LM00, LM07, Lew85, Lew87, Lin57, LK73, Liu93, LČJ63, Loe01, LM08, vdD88, LO94, LS95, Lut95, LP83, MS67, Mac96, MO49].

**functions** [MOS66, MMV81, Mak65, Mak80, MT72, Mar81, Mar90, Mar00, Mar88, dAPM77, Mas83, Mat93, MH08, MP79, Max91, MMM93, McN73,

Mer94, MY91, Mil89, Mil68, MKS83, MC04, MCM90, MS87, MV98, Mos69, Mul85a, Mul85b, Mul86, Mul97, Nag68, Nag01, Neh07, Nes84, New84, Ng68, NU88, Nis84, Nis94, NT84, Nør50, Nør55, O'B80, OGWY94, OG82, Olv80, Paw11, Pea09, Pei63, PS77, PS78, PS79, Pie84b, PA86, PKP74, PS93, Pro87, Pro88, RdC93, RL76, Ric92, Ric88, Ris79, Rit25, RX07, Rus88, RDK98, KR86, Saa91, Saf10, Sai89, Sal76b, Sau93, Sca71, Sch76a, Sch77a, Sch78c, Sch80, SS93a, SS93b, SGA81, Sea84, SdCR97, SG98, SG99, Seg08, Sen67, Shi93, Sho60, Sim64, Sla60, Sla66, SP61, SS65, SS10, SS87, Smi89]. **functions** [Smi01, Sne56, Sne61, Sne80, Spe72, Squ91a, Squ91b, Squ91c, SO89, SZW11, Sun88, TFW84, TR84, Tem75b, Tem78, Tem83b, Tem96, Tem07, Ter79, Ter81a, Tes69, TB86, TB87, Tho97b, Tho97a, Tho04, Tim87, Tre80, Tur72, Ubh89, VC06a, Var95, Vep08, Vil88, VK95, VM87, Vla02, VRS<sup>+</sup>95, Wal84, Wal71, War60, WS84, Wen07, Wen09, Wil12, Wil71, WBR82, Wim82, WG94a, WG95, XLX<sup>+</sup>83, XL94, Yos97, YM03, ZA11, Zal89, ZSA86, ZJ96, Zha96, Zie89, Zwi87, dDM06, dT93, vdLT84, Her82, Loz03, Tha62b, Sne63, Uni49, VRS<sup>+</sup>99]. **Fundamentals** [AGA<sup>+</sup>80]. **Funktionen** [Fil66, Rot71, Sne63, Völ83, Emd40, Emd45, Emd48, Emd59]. **funktsii** [PS93, PS93, Bar72, LČJ63, PS93]. **funktsii**. [DZKK77]. **funktsimetodom** [LP83]. **funktsiis** [Saa91]. **funktsioonid** [Jür66]. **funktsioonide** [Jür66]. **FUNPACK** [Cod75]. **Further** [GAZK03, Laf84, Luk70]. **Fused** [BDL09]. **future** [BIS01]. **Fuzzy** [AEF92, DP92].

**G5** [Bre74]. **Gal** [SZ05]. **Galatasaray** [HUY07].

**Gamma** [Alz08, Bar61, BY07, BI86, CP98, CH67, Dav64, Din58, Ful72, GB68, Gau79a, Gau79b, Gau99, God01, Kol70, Köl72c, Kol72b, Kuk72a, Kuk72b, Laf84, Lan64, LDP93, LT71, Mac89, Mar86, Mat04, Ng75, PH66, Pug04, Raf70, ST07, Sch78b, SG02b, SF59, Spi71, Spo94, Sri07, Tak66, Tem92, WC61, Whi63, Wre68, Wre73, Alz93, Alz97a, Alz97b, BZ92, Cha80, CB12, Dav59, DF84, FW80, Fra81, FW84, GA08, Ker83, Köl84, Mar77, Phi79, Smi01, Tem75b, Ter79, VC06b, Wri84, vdLT84, Bra64, CS11, CC64, Har97, Tho13]. **gamma-ray** [Phi79]. **Gappa** [dDLM11]. **Gate** [LE95, LE93]. **Gatteschi** [GG08].

**Gauss** [Fer07, FLS06, Fet65, Gau02, HJ67b, KWH07a, Kza99, KP03, ZZ11].

**Gaussian** [Akr85, BS00, Bre74, Kza92, Ter81a, Wen01]. **Gautschi** [Ker83].

**GCD** [Sor94, WTM05]. **genauer** [von84]. **Genauigkeit** [Rot71, von80].

**General** [Bre82a, Kog89, Mil57, Mos72, von80, BD85, Bre80b, Fdi97, Fuk83, FI94, Fuk11, Gon52b, Gus78b, HR07, Mid75, SZ77, Wen01].

**Generalised** [Bar74, Ver67]. **generalization** [Dij77, Paw11, Rac82].

**Generalized** [AS54, Büh92, BS98, Bur64, Car70, Che70, CLOT86, Fie65, Gom89, Håv79, HP62, LC87, Mil85, Min70, Ovt03, Sla66, Sle64, Sri70, CLM88, CH78, DCL<sup>+</sup>92, GAZK03, GS82a, Håv81, HB75, Jon70, KWH07b, KCYL06, Lav86, Mat93, Mus87, Nag04, PBN93, Sko05, Vla02, Wil12].

**Generated** [AK09]. **Generating** [DCL<sup>+</sup>92, Kyr74, Len76, LC87, Wil70,

FW84, Mar77, Olv80, Wri84]. **Generation** [Ahm89, BH65, Bin68, JJ65, Kog60, Kog66, LA85, SM78, SA57, Wal80, Mat90b, OY91, XLX<sup>+</sup>83]. **generator** [AM78a, Bak76, Bre74, War75]. **generators** [AHM<sup>+</sup>98]. **Generic** [Dri89, Tan88, Tan90b, Dri91a, Dri91b, Dri91c, Squ91a, Squ91b, Squ91c, Tan91a]. **genetic** [Tan87]. **Geometric** [BB84, Sal76a, Her82, MH72, Sal89]. **geometry** [HUY07, Sti88]. **German** [Alb62, Bra65, Emd40, Emd45, Emd48, Emd59, Hol69, Sch68, Sne63]. **Germany** [SO11]. **GEV** [Gom89]. **GIZ** [GST02c]. **Gleichungssystemen** [Bra65]. **Gleitpunktrastern** [Bra87]. **global** [HR07]. **Glow** [Che70, Squ70]. **GMP** [BMZ06, Zim00]. **GNOME** [SG99]. **Golden** [Hin77]. **Goldschmidt** [EIM<sup>+</sup>00]. **Gompertz** [Sto41]. **Good** [Gal85, Gal86, Mat90a]. **Gopengauz** [CG89]. **Gopengauz-type** [CG89]. **Gordan** [Buj75, Gun65a, SM77, SM78]. **Gordon** [Paw11]. **gradient** [Mit92]. **graduate** [BW10]. **Graph** [NS09]. **Graph-Based** [NS09]. **Graphics** [NKY08]. **Graphs** [AS64, JMMW79]. **Greece** [SC01, VDR05]. **Green** [JS89, MKS83]. **Grenoble** [Bor02, KM91]. **grid** [Joh83]. **Group** [AKS01, ???90, Koo91, Tal68, WS84, Vil88]. **Grouping** [LA85]. **groups** [CK88, Var95, VK95, Die80]. **Grove** [Sin95]. **Growth** [QVV98, Bos89]. **guaranteed** [Loe01]. **Guide** [AWH13, BA44, Tho97a]. **guidebook** [Tho97b]. **Gumbel** [Gom89].

**H** [T.57]. **Half** [DJ67, Kah04, Lir71, Di 86, Fuk10, Gau94, KKY07a, SG98]. **half-century** [Gau94]. **Half-Integer** [DJ67, Di 86, SG98]. **half/integer** [KYY07a]. **Hamiltonian** [Fei78]. **Handbook** [AS64, BL02, CPV<sup>+</sup>08, Fet81b, Köl97, Loz97b, LCY65, OLBC10, Bak92b, Mat93]. **Handheld** [NKY08, GP84]. **Handling** [HFT94]. **Hankel** [Coc65, CH70a, CS82, CS83, DK90, Fet63, FW85, Glo89, JL12, Mac72, Wie99]. **Hankel-norm** [Glo89]. **Hardware** [Fow93, Mar72, SS94, SF93a, SF96, SDP11, Tak01, WG91, WG94b, BKM94, Kan96, LGML05, Mul86, OY91, Sg92, SS93b, Tay81]. **Hardware-Based** [WG94b, WG91]. **hardware-oriented** [OY91]. **Hardwired** [DM88b, LC87]. **harmonic** [MS67]. **Harmonics** [Bra73, MS67]. **Hausdorff** [Gre82]. **Having** [Bra65, Bos89]. **Hawaii** [MS94, Spr00, Spr00]. **hazard** [Ruy89]. **heat** [CMV69]. **Held** [Mul82, AGA<sup>+</sup>80, HUY07, IP87, Mar85, MC87, Ric92, S<sup>+</sup>93, Tra76, Ull90]. **Help** [Car74]. **hereditary** [Roc82]. **Hermite** [Bun09]. **hierarchies** [Her71]. **hierarchy** [Her69, Hom98b]. **hierarchy-consistent** [Hom98b]. **High** [Ahr96, AFC10, BY07, BTDS11, CCCP99, CG85b, CP99, CL94b, DPC95, Far81, Fer86, FW80, Fra81, Gal85, GB68, JSH<sup>+</sup>11, KK96, KM93, KM97, LM95, LMT<sup>+</sup>92, Maj85, MMW91, PEB02, PB02, POMB05, RGK72, Sal51b, SW99b, Sch93a, Sch93b, Sei99, SF59, SC71, SA57, SG72, WMDM92, XLX<sup>+</sup>83, ZG87, ALB98, Bar84b, BM80, CCC96, Fan89, Gab79, Gal86, Gau11, KO94, LM99, MM92, PBE03, RdC93, Sch80, SF93b, Bra87, Mül90]. **High-Accuracy** [Bra87, Mül90]. **high-order** [Sch93a, Sch93b].

**High-Performance** [BTDS11, MM92]. **High-Precision** [Ahr96, BY07, KM97, Fer86, FW80, Fra81, XLX<sup>+</sup>83, BM80, Gau11].  
**High-Radix** [CL94b, PEB02, Sch93a, Sch93b, PBE03, SF93b].  
**High-Speed** [JSH<sup>+</sup>11, Maj85, PB02, POMB05, RGK72, SW99b, ZG87, Sei99, Fan89]. **High-Throughput** [AFC10].  
**Higher** [CM90, GM88, LM92, BL71, Car69, MC89, Ng68].  
**Highly** [Lut95, Mat90b]. **Hilfe** [Fil66]. **historical** [Dav59].  
**history** [Dut84, Wen09]. **Hitachi** [WOG95]. **HIZ** [GST02c].  
**Hochgenaue** [Bra87, Mül90]. **HOL** [AAHTH10]. **Holiday** [IEE85].  
**Hong** [DIW00]. **honneur** [AEF92]. **honor** [AEF92]. **Howland** [LW82].  
**HP** [LMOT01]. **HP-UX** [LMOT01]. **HURRY** [FFS83].  
**Hurwitz** [BS06, Vep08]. **Hvordan** [Ped80]. **Hvpergeometric** [Sla64].  
**Hyatt** [IEE89c]. **hybrid** [CP99]. **Hydra** [Rot70b]. **HYP** [Kra95].  
**Hyperbolic** [Fri72, SM70, Tha61, Zuc64, HTHR94]. **hypercube** [Tan87].  
**Hyperelliptic** [DR94a, DR94b]. **Hypergeometric** [AS95, AVV92, AS54, BS98, Bus76, Cah54, Car70, FW61, Fie65, Gas81, GS82b, GKS04, GN89, Kim72, Kop74, Luk59, LC61, Mil57, Min70, Ng77, Nør50, Nør55, Obe64, Olv91, Rel63a, Sri70, Tha62b, Ver67, Wim68, Yos97, AS03, AG08, BS00, BS06, Buc69, Büh87, Büh92, Büh03, CR08, CQSP04, CGKZ05a, CGKZ05b, CCV11, DT09, Dut84, Fer07, FLS06, For97, GAZK03, Gau02, GST07b, HUY07, HL13, Jon70, Kal04, KWW07a, KWW07b, Kra95, Kyr74, Lav86, Lew85, Lew87, LP95, Lew44, Mul01, Nag01, Nag04, OSS09, Pas95, Pea09, PBN93, Rel63c, Seg08, Sko04, Sko05, Sla60, Sla66, SZW11, Tem78, Tem83a, TC01, Uni49, Var95, Ver77, Wen01, Wil12, Zei91, ZZ11, Rel63b, Ric92].  
**Hypersingular** [Sam02]. **hypersurfaces** [Sti88]. **Hypervirial** [FMC82].  
**HYPQ** [Kra95].

**i860** [Sin96]. **IA** [ASA06, HKST99, Mar00, ST99]. **IA-32** [ASA06].  
**IA-64** [HKST99, Mar00, ST99]. **IBESS** [ADW77a, ADW77b, Amo78].  
**IBM** [ACG<sup>+</sup>87, ACG<sup>+</sup>86, ACG<sup>+</sup>87, Fik66, Mar90, ZOHR01].  
**ICCD** [IEE89c]. **ICEEC'04** [Wah04]. **identification** [Roc82].  
**identities** [Zei91]. **Identity** [Gla71, Wri73, EC79, Mim88].  
**IEEE** [BCDH09, BC01, IEE05, KM07, SO11, VDR05, AHM<sup>+</sup>98, AAHTH10, BT99, CH98, DR04, GB91, Hou81, IEE85, IEE89c, IEE99, Int03b, Kah80, KK99, KM91, LMT97, LD89, Rus98, Tan89a, Tan90d, Tan92, T<sup>+</sup>97].  
**IEEE-754** [AHM<sup>+</sup>98, AAHTH10, BT99, DR04]. **IFIP** [Boi97, Lav80].  
**II** [BL91, Ben83, Bul65b, CG89, CKT07, Cuy94, Dun87b, Eck77, EMR82b, LP61, Luk71b, Mil65, Ovt03, Pro87, RL76, Sch68, Sne63, SZ74, VB81].  
**III** [Bul69b, Din58, Dun88, LP62, Luk72, SZ76]. **Illinois** [Cow77, Hwa85].  
**illustrated** [Tho97b, Tho97a]. **IMA** [IP87, MC87]. **IMA/SIAM** [IP87].  
**image** [JL94].  
**Imaginary** [Bar61, GST02d, BF92, BST13, Cob69, GST04a, GST04b, VC06b].  
**immiscible** [YH89]. **Implementation** [AAHTH10, AFC10, BV85, CVW06, DMS95, DHL<sup>+</sup>04, EL89a, GBKK09, IM99a, Joh87a, KNS95, LA01, LC97a,



LE95, Nav83, PP12, SL97, SDP11, Tak00, Tan88, Tan89a, Tan90d, Tan92, dDLM11, von80, DR04, Has00b, Joh87b, LKKH99, LO95, LE93, MC89, Mul97, Neh07, Obe99, Tom00, VT11, ZXBZH01].

**Implementation-Oriented** [PP12]. **Implementations** [SL95, Tan90c, CL00, EL94, Kul07, LC96, LC97b, Luk99, SL97, Zim00].

**Implementierung** [von80]. **Implementing** [HFT94, Tho87, Che71].

**Improved** [HCK09, Jab13, KCYL06, Nin70, Olv91, ST99, Di 86, Mid75, ZLC04]. **Improvement** [Mec68, OGWY94].

**Improving** [Chl11, EIM<sup>+</sup>00, Lev73]. **incident** [Ehr89].

**including** [HTHR94]. **Inclusion** [Cri82]. **Incomplete** [Bar61, BL94, CN81, CP98, DH59, DJ67, DM92, Ehr61, FL67, Ful72, Gau79a, Gau79b, Gau99, Goa95, Hil77, Kol70, Kol72b, LW63a, LW63b, LDP93, Mar86, Mat04, OM68, PSB76, Sch78b, Tak66, Tem92, Tho13, Van69, Whi63, Alz97b, Bul69a, DK90, FI94, Fuk09b, Fuk10, HF09, SS10, Tem75b, Ter79, Ter81b, VC06b, BB74, Gau64a, Gau64b, Jef62, Lud63, Mey63, PH67, vdR63].

**Incorporated** [PW76]. **increasing** [Wan82]. **incrementation** [DD76].

**Indefinite** [CK89]. **Independent** [Fra65b, VCV01]. **Index** [Ano68].

**India** [Ban01]. **Indian** [BB12]. **Industry** [BBM84].

**Inequalities** [AVV90, AVV92, Bus76, BI86, Laf84, Nas74, QVV98, Alz93, Alz97a, Alz97b, Alz08, CB12, CM13, CT88, Ker83, Liu93, RT89, Whi82].

**inequality** [Rac82, Zal89].

**Infinite** [Lir71, Sch88, BC79, Cro92, LS95, VC06a]. **Infinitely** [IM99b].

**Information** [Lav80, CT88, Ste08, Was89].

**Initial** [Cas83, ITY95, EL89c, EL90, ITY97, SS98, Spi85]. **Initiative** [Loz00].

**Inn** [IEE85]. **inner** [AB88]. **input** [Wen01]. **insertion** [OJ04].

**institutions** [BL71]. **Instruction** [PW76]. **Instructions** [GBKK09, IM99a].

**Integer** [Alh00b, BO93, Cat85, Cat86, Cre98, DJ67, Has90, Hei96, ND70, OLHA95, Olv64, Rol87, Soo73a, Soo73b, Alh00a, AM78b, AM79, AM84a, AM84b, Di 86, FNC75, Hig93, KWY07a, KWY07b, Lyo91, Pro83, Sca71, SG98, WTM05, dT93]. **integers** [QW06]. **Integrable** [PS93].

**Integral** [Ano93, Car75, Che70, Chr65, CT69, CP79, Cor61, Cun62b, Cun62c, Dre78, Fet67, Fra65a, Fri72, GC64, GW71, Gla71, Gla79, Goa95, HP67, HJ67a, HJ67b, Ism77, Mec68, MR65, Mer62, NF63, Ng70, Olv91, Pac70, PS11, Raf70, Red70, Rei69, RL80, Sch78a, Sko78, Smi11, Squ70, SZ74, WR63, Wri73, eL76, Act74, Bea60, BB82, Ber68, CG85a, CS11, CT68, Dav59, Dij77, DK90, Fet81a, FKY86, Fuk10, Fuk11, Her61a, Her61b, Lar66, Max91, McC74, Mid75, OW68, RT61, Tem86, Tha63c, Tha63b, HP85, Hol70].

**Integrals** [AVV90, AVV92, Boe61, Car77a, CN81, Car87, Car88, Car89, Car92, CG94, Car99, CR68, Cod65a, Cod65b, Cod66, Cun62a, Cur64, DH59, Din58, DR94a, DR94b, Ehr61, FL67, Fet65, FC64, Fle68, Gau61, Gau64c, Gau73, Gau77b, Gla66, Gra63a, KKI67, Lan60, LW63a, LW63b, Lew69, LDP93, Lin72, Lóp00, LG64, Luk64, Luk68, Luk70, MT64a, NC66, QVV96, QVV98, Ric73, ST07, Sch64, Sid95, SZ76, Tho65, Tho66, Van69, WKG66, Woo67, ZC70, Act74, And00, BC79, BO75, BZ92, Bul65a, Bul65b, Bul69a,

Bul69b, Car79, Car91, Car95, CLM88, Chr62, CT67a, CT67b, Deh89, Far69, FMC82, Fet81b, FI94, Fuk09a, Fuk09b, Fuk12, Gab79, GP64, Gau11, Gla74, Gra63b, Gra64, Gra02, HvdR63, Jef62, Köl97, Lan80, Las82, LW82, LK73].  
**integrals** [LS95, Mac72, Mak65, Mey63, Mim88, MH72, Mor78, Mor99, Ném65, Pie82, Pie84a, Puo88, Saf10, Sai89, Sam02, SZ77, Tem83b, Ter81a, Tha63a, VC06a, vdR63, vdLT84]. **integrated** [DM88a].  
**Integration** [Bro90, Car99, Cas83, CK89, Dav88, LO93, Pro88, Bro89b, EM86, Mos69, Pro87, Ter79]. **Integriruemye** [PS93]. **Integro** [Mil85].  
**Integro-Exponential** [Mil85]. **Intel** [ASA06, CHI<sup>+</sup>03].  
**Intelligence** [AGL93]. **interact** [Wen09]. **Interactions** [BJG<sup>+</sup>99].  
**Intercalation** [Wyn72]. **Interest** [Koo91]. **interference** [Dem89].  
**Interior** [Meg89b, KMY89]. **Interior-Point** [Meg89b]. **Interlacing** [Seg08].  
**internals** [SF93b].  
**International** [ACM89, AGL93, Ano91, Bor02, BCEP94, Bro07, IEE89c, IL07, Lak96, MS94, SC01, Spr00, T<sup>+</sup>97, VDR05, Wah04, ACM87, DIW00, RDK98].  
**Interpolation** [Bre82a, VB04, BSW95, Blo88, FK88, GRS87, Håv81, RT89].  
**Interpolator** [POMB05]. **interpretations** [Yos97]. **Interval** [BSY82, DLM09, Krä87, Rot70a, Yoh73, Ge89, Kai89, Kra88, Mar81, dDM06].  
**Intervallargumente** [Krä87]. **Intervalle** [Bra87].  
**Intervals** [Bra87, KP75, EMR82b, Shi93]. **INTLIB** [KDDH92, KDDH94].  
**Intrinsic** [BJG<sup>+</sup>99, BD99, BJB<sup>+</sup>00, Mil89].  
**Introduction** [Bow58, Dri91d, PP12, SG02b, MC04, NU88, Tem96].  
**Inverse** [Car63, ELMT00, Hom96a, Krä87, Kra88, KNS95, LaF54, Mar05, MS68, PB02, SW99b, Sol69, Str68, Tha61, Ano12, BEJ76, DAV12a, Dom03, Fet74, HTHR94, Kre89, MZM94, Sho86, Krä87].  
**Inverse-Square-Root** [KNS95]. **Inverses** [Sal51b, Sch84, Rit25].  
**Inversion** [Tem92]. **Investigation** [Mak65]. **inviscid** [Joh83].  
**Involving** [BFHT85, Gla66, Lew69, Ric68, Sri70, UE05, WR71, BB82, DT09, FMC82, FO93, Gab79, LW82, LK73, LS95, Ng68, PS77, PS79].  
**Inzell** [zCFF05]. **Irish** [Mil75]. **Irregular** [SG72, Wen01, Nes84].  
**isn't** [Wil96]. **ISSAC** [ACM89, Lak96]. **issue** [T.57]. **issues** [BH01].  
**Istanbul** [HUY07]. **Italia** [RS98]. **Italian** [RS98].  
**Italy** [AGL93, CDS00, RS98].  
**Itanium** [CHI<sup>+</sup>03, Int03a, Int03b, LMOT01, Mar03].  
**Iterated** [Amo73, Tha61, Deh89]. **Iteration** [Alb62, Bra65, CL11, LC87, Nin70, WS05b, Che71, DD76, Epp89, MC93, MC95, Tuk48].  
**Iterations** [Gar75, HHR00, SS98]. **Iterationsbeschleunigung** [Bra65].  
**Iterationsfolge** [Alb62]. **Iterationsfolgen** [Bra65].  
**Iterative** [CH98, Hom96a, Joh89, KNS95, RGK72, Eve63, GA08, Hom98b, ITY96, Jam89, KK96, Kru99, ZXBZH01]. **IV** [Dun94a, Dun94b, Sle64].  
**IX** [Luk99]. **izbytochnykh** [LP83].  
**J** [ACG<sup>+</sup>87, Fet81a]. **Jack** [Ric92]. **Jackson** [CK88].  
**Jacobi** [DCL<sup>+</sup>92, HvdR63, Mey01, Paw11, Sko75, Spe72, Wit68].

**Jacobi-elliptic** [DCL<sup>+</sup>92]. **Jacobi-fractions** [Spe72].  
**Jacobian** [Fuk09a, Fuk09b, Fuk13, Lan80, MT64b, Sal89, Sch76a, Sch77a].  
**January** [Mul82, Spr00]. **Japan** [Ano91, Lav80]. **Japanese** [OGWY94].  
**Java** [Lau04]. **JBESS** [ADW77a, ADW77b, Amo78]. **Jersey** [AFI71].  
**Jim** [Bli97]. **Jodhpur** [Ban01]. **Joint** [AFI69, AFI71, AGL93, IP87].  
**journées** [AEF92]. **July** [Ano06, Boi97, Bro07, IL07, KM95, Lak96, LMT97, Luk99, Mar85, MC87, SO11, SIJ93, T<sup>+</sup>97, VDR05].  
**June** [AGA<sup>+</sup>80, BCDH09, BC01, Cow77, DIW00, HUY07, Hwa85, IEE05, KM91, KM07, SIJ93].  
  
**K5** [LASC95, Rus99]. **K6** [IM99a]. **K6-2** [IM99a]. **K7** [Rus98].  
**K7<sup>TM</sup>** [Obe99]. **Kōriyama** [SO89]. **Karatsuba** [Zim99].  
**Kaufman** [AEF92]. **Kaufmann** [AEF92]. **Kelvin** [Bur63]. **kernels** [Mus87].  
**Key** [AFC10]. **Kind** [Boe61, Car77a, Car87, Car88, CMF77, Cod83, DH59, Fet65, Fra65a, GST02d, Jab94, Mec66, PS05, Tem75a, ZC70, BZ92, Bul69a, Cob69, Fet81a, Fuk10, Fuk11, Gla74, Her61a, Her61b, HvdR63, Lar66, Mid75, Sca71, SG99, Tem76, Tha63c, WC90, YM97, YM03, Bra70].  
**Kinds** [FL67, LW63a, LW63b, Van69, Mor99]. **Kingdom** [Boi97, IEE89a].  
**kink** [Paw11]. **Klein** [Bar84b]. **known** [BMR04]. **Koeffizienten** [Bra65].  
**Kolmogorov** [Pom76, Pom74]. **Komlos** [Ein89].  
**Kompleksmuutuja** [Jür66]. **komplexe** [Bra87, Krä87]. **Kong** [DIW00].  
**konvergenzbeschleunigenden** [Sch68].  
**Konvergenzbeschleunigung** [Alb62].  
**Konvergenzverbesserung** [Hom96b]. **Kummer** [Gau77a].  
**Kuramoto** [AGH89]. **Kutta** [Cas83]. **kvadratoden** [Ped80].  
  
**Lab** [Fet81a]. **Lagrange** [Blo88]. **Laguerre** [Air37, GM84, Kza99].  
**Lambert** [Gau11, Veb12]. **Lanczos** [BCEP94, God01, Pug04].  
**language** [Che81]. **Laplace** [Gus85].  
**Large** [Bin68, Cur64, GT58, HJ67b, Won73, FLS06, Mas83, O'B80, RX07].  
**Larger** [Gau65, Jan77, dAPM77]. **Last** [Ziv91]. **Latency** [ALMN05].  
**Lattice** [SLZ05, Har77]. **law** [Deh89]. **layer** [Bel89]. **layout** [SR81].  
**learning** [BL71, Lit89]. **Least** [Sto41, Rei86]. **Lebesgue** [Blo88, Bos89].  
**lecture** [HUY07]. **Lectures** [Tal68, zCFF05].  
**Legendre** [Jan77, Bra73, Cob69, Gau65, Lew69, SOL81, Ste64a].  
**lemniscatic** [Eck77]. **Length** [SH72, HHv<sup>+</sup>73, Hon71, von84].  
**Leonhard** [Dav59]. **Lerch** [GS88]. **Less** [Bak92a].  
**Letter** [Cat86, Fik67, Kin65, Swa65]. **Letters** [Rah01]. **Leuven** [KV03].  
**Levin** [Hom97d]. **Levin-type** [Hom97d]. **libm** [LMOT01, dDEG05].  
**Libraries** [IEE99, MMNP91, Kuk71].  
**Library** [AK09, DLM09, GB91, KDDH92, KDDH94, Kuk66, LMS99, Loz03, McC02, PW76, Sch76b, Sch77b, Sch88, Tho87, ZOHR01, KA71, Lau95, Lau04, LMOT01, Mar03, Neh07, Wil96]. **Lie** [Die80, CK88, Mil68, Var95, VK95].  
**Like** [Ngu98, vdLT84]. **likelihood** [Gom89, vR89].

**Limit** [Hin77, JW88, Lem88, LW89, RX07]. **limited** [EM03, LP62].  
**Limits** [CM13, Gon52b]. **Line** [Erc78, OE82, DHM89, Frö63a, PBE03].  
**Linear** [DGS65, Jam81, KP75, LB90, Ng77, Olv67, Olv88, SF79, YH89, Ano67, BDGB83, CG89, Die80, Ge89, Gon89, Joh88, KMY89, Lev73, Lev91b, Lit89, Meg89a, PS05, Via89, Was89, vR89]. **linear-threshold** [Lit89].  
**Linearized** [HBS00, Ehr89]. **lines** [BF92]. **link** [Wil96]. **Linux** [IBM05].  
**Lipschitz** [DK90, Som82]. **LNS** [DMS95]. **local** [Kee82]. **locally** [Vai89].  
**Log** [OTY91, Har97]. **Log-Depth** [OTY91]. **log-Gamma** [Har97].  
**Logarithm** [AS10, CH67, CVV65, Has66, Kah04, Kar84, Köl72c, Lin09, LA85, LC87, Mac89, PEB04, SK71, Tan90a, Tan90d, AM12, Che71, Deh89, Epp89, Köl84, Per85a, PEB02, PH66]. **Logarithmic** [CET62, CLOT86, KP69, SF79, CS83, GEK04, Lit89, Sed90, Sko04, Fog51, Zuc64].  
**Logarithmically** [Hom97a, Osa90, DGB82, Hom99].  
**Logarithms** [Che72, Mar72, Car72]. **Logic** [Cow64, LA85, Sch73].  
**Lommel** [Boe62, FS92]. **Lookahead** [KNS95].  
**Lookup** [SS97b, Tan91b, Par99]. **loop** [Dam94, Mim88]. **LORIA** [Ano06].  
**loss** [DAV12a, DAV12b]. **Lost** [Car74]. **Lösung** [Die83]. **love** [Yos97].  
**Low** [AH10, ALMN05, Car75, HFS99, NL99, RHMLL08, KP98, MI97].  
**Low-Complexity** [RHMLL08]. **Low-Order** [Car75].  
**Low-power** [NL99, KP98]. **Lower** [Tro84, Bel89].  
**lower-bounds-to-circuit-size** [Bel89]. **LSFBTR** [Tal83, Tal84].  
**LSI** [Atk79]. **Lubbock** [IEE85]. **Luigi** [GG08]. **Lyon** [Ano03].

**M** [Fet81b]. **M.** [Köl97]. **Macdonald** [FLR03].  
**Machine** [Lan42, Sch76b, Bel89, GB90]. **Machinery** [Cah54].  
**Machines** [Gus86, Lin57, Rot70a]. **Macrocell** [BH07, AHM<sup>+</sup>98].  
**MAD** [BBC<sup>+</sup>91]. **Madelung** [CB87]. **Madison** [Ask75].  
**Magnus** [Coh12, Wig67]. **major** [SL97, Ein89]. **Make** [Wil96]. **man** [Ped80].  
**manifold** [AGH89]. **manipulation** [Kra95]. **Manipulative** [Sun71].  
**Mantissa** [von84]. **Mantissenlänge** [von84].  
**Manual** [CW80, Ful81b, Ful81a]. **Many** [Sle64]. **Maple** [Zei91].  
**March** [Ask75, Ban01, IEE85, Koo91, Men06, MT85, MT86, Ric92, S<sup>+</sup>93].  
**Markov** [Rac82, Whi82]. **Martingale** [RT89]. **Maryland** [IEE99].  
**Mascheroni** [CM13, Chl11]. **Massachusetts** [ACM87, IEE89c, IEE05].  
**massively** [BBC<sup>+</sup>91]. **massively-parallel** [BBC<sup>+</sup>91].  
**Matematičeskianaliz** [LČJ63]. **Math** [ASA06, Fra81, Joh87b, Kuk66, Lew87, MMNP91, McC02, Per87, Wil96].  
**Mathematica** [Kra95, Tho97b, Tho97a]. **Mathematical** [AS64, And82, AW05, AWH13, BL02, CHG<sup>+</sup>11, DHL<sup>+</sup>04, Fik68, Ful80, GB91, HBF09, Kuk71, LČJ63, Loz97b, LMS99, Loz03, Luk77, Meg89b, Mos89, Mul82, OLBC10, RW77, Ric71, WNO94, Wig67, Ziv91, ZOHR01, Ars68, Bak92b, Coh12, Her82, Hoc61, KRVZ98, Kul07, MO49, MOS66, NU88, PS93, Sne56, Sne61, Sne63, Sne80, Tem96, Tho97b, Tho97a, IBM05, Sne63].  
**Mathematician** [Bat07]. **mathematicians** [Wen09].

**Mathematics** [Ask75, BB12, BDL<sup>+</sup>01, Car77b, And98, BL71, Gau94, Gau94].  
**Mathematische** [Sne63]. **mathematischen** [Sne63].  
**Mathieu** [Alh00b, Alh00a, BC62, Bla64, Cle69, Fri72, RL80].  
**Matlab** [Zen04]. **Matrices** [Leh96, HHR00].  
**Matrix** [Ike76, HHR00, Kru99, Ng84]. **Maui** [Spr00]. **maximal** [von84].  
**Maximally** [von84]. **Maximum** [KP75, vR89, HF95].  
**maximum-redundancy** [HF95].  
**May** [AFI71, CDS00, IEE81a, IEE81b, IEE99].  
**Mean** [BB84, Sal76a, MH72, Sal89]. **Means** [Fet65, Fil66, Gus66, Mül90, von80, BS06, CS11, Fer86, Kon76, MMV81, MS87, Saa91, Tes69, Wen10].  
**Measure** [DR94a, DR94b]. **Measurement** [BDL<sup>+</sup>01].  
**Measurements** [Lid01, Lid02]. **measures** [Was89]. **Mechanical** [SG02a].  
**Mechanically** [Rus98, Rus99]. **mechanics** [Sti88]. **media** [YH89].  
**Melbourne** [Lav80, Men06]. **Melfi** [CDS00]. **Mellon** [Tra76].  
**Memoriam** [Dav59]. **Memory** [LJ13, Kog89, Tak00].  
**Memory-Efficient** [LJ13]. **mesh** [DR89].  
**Method** [Car74, Cow64, Ded26, Esc37, Fle68, Hol69, Hom97c, Joh89, Kal34, KP69, LaF54, Lan42, Lin72, LJ13, Mar05, Osa90, Ovt03, Sar59, SF96, SZ05, SS99b, Sto41, Tra60, TS76, Van69, WN09, Wyn72, AM12, Bar82b, Bar84a, Bor82, DK82, Dom03, HTHR94, Hai60, HF95, Kon76, LG79, LP95, LP83, Lyo91, Mag94, Mar77, Mat90a, Now06, Ole96, Puo88, RdC93, Rei86, Sch68, SdCR97, SZ77, Sko05, Vai89, VT11, Via89, VB81, ZB95, Zha95, Zha96, Rap94].  
**méthodologie** [Mul86]. **methodology** [Mul86].  
**Methods** [AW05, AWH13, BR73, Bre82b, Cas83, Dub83, Fra65b, FR76, Gau75, HF09, HR07, Hom97b, ITY95, Meg89b, Mos89, Ng75, RGK72, Sid03, SZ70, SZ74, SZ76, Ull90, Vla02, AGS99, Ano98, BL71, Bre75, Bre76b, Bre78b, Bre85, Bre88, BR91, Cuy94, Epp89, Gab79, GST07a, Gus84, HP93, HBF09, KK96, Kru99, McC77, Mon83, Mül93, Osa94, Özb06, Pas10, Pas11, PKP74, Pol88, RW77, Roc82, RDK98, Saf10, SS98, Spi85, Wim82, Die83].  
**metric** [Som82, ZSA86]. **Mexico** [IEE91]. **MHz** [PZ95].  
**Michigan** [IEE81a, IEE81b]. **Micro** [DSK83, Ber84, Bic81].  
**Micro/mini** [DSK83]. **microcode** [Rus99]. **microcomputer** [Mil89].  
**Microcomputers** [AMT78, Völ83].  
**Microprocessor** [And82, Die83, HAK91, Obe99, Sin96, SL97, Kun81].  
**microprogramming** [Hit75]. **Mie** [Len76]. **Mikrorechner** [Völ83].  
**Mikrorechnerprozeduren** [Die83]. **Military** [MC87].  
**Miller** [LP88, Ter81b]. **Milton** [Dav59]. **mincing** [Bel89].  
**mini** [Ber84, DSK83]. **mini-micro** [Ber84].  
**Miniaturized** [Luk71a, Luk71b, Luk72]. **Minimal** [Met65].  
**Minimax** [Fra65b, POMB05, Pol88, Wan82]. **minimization** [Dan77].  
**Minkowski** [Kra89]. **Mirakyan** [Sun88]. **Miscellaneous** [Ste64b].  
**MISCFUN** [Mac96]. **Mises** [Deh89, Hil77]. **Mistake** [Lit89].  
**mittels** [Mül90, von80]. **Mizan** [IK05]. **mnogochlenami** [DZKK77].  
**Mnogoznachnye** [Bar72]. **mod** [Tur94].

**Model** [CHG<sup>+</sup>11, Fra78, Gom89, Wen01]. **modelling** [Sob88].  
**models** [Ric88, SC81, vR89]. **modern** [BL71].  
**Modification** [Bar76, WS06, Bar84c, ITY97].  
**Modified** [BHK09, Bra73, Bur74, Car74, Cod83, Ded26, Ful72, GST02d, Hin77, Mec66, Nas74, Sch78b, Tem75a, TB87, Amo74, Bla74, BO75, DT09, GS78, GST04b, Hei88, Kas80, Las82, LG79, MV98, Par72, Sca71, SdCR97, Tem86, Wal84, WC90, Fet63, GST04a, Tho04].  
**Modular** [DMMM95, BBB89, WTM05, Yos97].  
**Module** [Kod11, LD89, Bas01, EL89a, MM92].  
**Modulo** [ADN03, Tor02, BH99, Per85a].  
**Modulus** [CS83, AM89, Fet81a, MH72, Mor78, Mor99].  
**Molecular** [LDP93, Saf10]. **Møller** [Hom96b, Hom96b].  
**moment** [FW84, Gre82, Wri84]. **Momenta** [TTW79, TTW84].  
**Moments** [LL72, FW84]. **Monica** [ES89, IEE78]. **Monotone** [Alb62, Dun94a, Dun94b, FB91, Dun87a, Dun87b, Dun88, SS87, Bra65].  
**monotonen** [Alb62]. **Monotonic** [LM08]. **monotonicity** [CB12, Ism77].  
**Montana** [BL91]. **Montgomery** [Ngu98]. **Montgomery-Like** [Ngu98].  
**Montpellier** [KM07]. **most** [LM07]. **motions** [CZ10]. **Moursund** [Fik67].  
**MP** [KB90]. **MR** [Fet81b, Fet81a, Fra81, Lew87, Per87, Köl97].  
**MTAC** [T.57]. **Much** [Kah87, QW06]. **Multi** [Sch76b, Saf10].  
**multi-center** [Saf10]. **Multi-Machine** [Sch76b].  
**Multidimensional** [Dem89, Var95]. **multigrid** [BD85, RdL01].  
**Multilayer** [HSW89]. **Multiplace** [Bar72]. **Multiple** [Bre75, Bre76a, Bre76b, Joh83, Kor11, Smi91, Smi11, Deh89, Smi89, Smi01, Tak00].  
**Multiple-grid** [Joh83]. **Multiple-Precision** [Bre76a, Kor11, Smi91, Smi11, Bre75, Bre76b, Smi89, Tak00].  
**Multiplication** [Alt79, BR73, JJ65, LD89, RGK72, Rus98, WS06, CL95, EL89a, ITY97, McC77, MM91a]. **Multiplication/Division/Square** [LD89].  
**Multiplicative** [Bak75b, SL95, Che71, ITY97]. **multiplicities** [Zen04].  
**multiplier** [HFS99, SF93b, WG92].  
**Multipliers** [Ahm89, ELMT00, WS05a, WG94b].  
**Multiply** [BDL09, ZG87, ITY96, MM92, WMDM92].  
**Multiply-Add** [BDL09]. **multiply-additions** [ITY96].  
**Multipolar** [Hom98a]. **Multiprecision** [Bai93, CVW06].  
**Multistep** [Ske86a, Ske86b]. **multivariable** [DCL<sup>+</sup>92].  
**multivariate** [CKL89, Ein89, Gom89, Rac82, Ter81a, vR89].  
**MultRoot** [Zen04]. **Murphy** [Mei83]. **must** [Wil96]. **my** [Yos97].  
  
**N** [Kog58b, Kog58a]. **NAG** [Sch77b]. **Nancy** [Ano06]. **Narrowing** [HJ96].  
**National** [Ban01, Mul82, AEF92]. **nationales** [AEF92].  
**Natural** [CH67, Epp89, Nag68]. **Navier** [HBS00]. **NBS** [Loz97b].  
**Near** [BS98, Fra65b, Ehr89]. **near-field** [Ehr89]. **Near-Minimax** [Fra65b].  
**nebst** [Rot70a]. **Need** [BBM84]. **needed** [QW06]. **Needs** [Loz94, Loz96b].  
**négatifs** [DGB80]. **Negative** [CP98, Tho13, BS84, NT84, DGB80].

**neighborhood** [Sko04]. **neighbourhood** [Mid75]. **Nepreryvnye** [PS93].  
**Nested** [Dom03]. **Nesting** [BFHT85]. **network** [SR81]. **networks** [HSW89].  
**Neuenahr** [MT85, MT86]. **Nevada** [AFI69]. **Neville** [Håv79].  
**Newman** [Bor82]. **Newton** [Car74, CHGM99, DK82, KP69, MM91b, Mou67, Nin70, Vai89, WS05b]. **Newton-type** [Vai89]. **Nimes** [AEF92].  
**Ninth** [Sin95]. **NIST** [Loz03, OLBC10]. **No** [Fet81a, Laz85, Wil70, ACG<sup>+</sup>87, Chr62, Fra81, Frö63b, Joh87b, Lew87, Per87]. **nodes** [Ben98].  
**nombres** [Mul85b]. **nome** [FNC75].  
**Non** [Int03b, OLHA95, PS05, R. 43, Raf70, AB88, Lev73, LC96, LC97b].  
**non-characteristic** [AB88]. **Non-IEEE** [Int03b]. **Non-Integral** [Raf70].  
**Non-linear** [PS05, Lev73]. **Non-Restoring** [OLHA95, LC96, LC97b].  
**Non-Sexagesimal** [R. 43]. **Noncentral** [Rob69]. **nonconvex** [Ubh89].  
**Nonlinear** [Cuy94, Hom94, MKY92, Wen89, Mus87].  
**Nonnegative** [Amo86, Amo90, Amo95, Kod08, SG98]. **Nonrandom** [Bat07].  
**Nonrestoring** [MK71, Wal80]. **Nonstandard** [Ric88, Bel89].  
**Nonstiff** [Cas83]. **nonuniformly** [FK88]. **Norfolk** [S<sup>+</sup>93].  
**norm** [Akr85, Glo89, JMS98, Rei86].  
**Normal** [Car75, Dre78, HJ67b, HD73, Hol70, Lin09, Mar04, DAV12a, DAV12b, MZM94, vR89, Ber68, HJ67a, HJ67b].  
**Normalized** [SOL81, Bun09]. **normally** [Ehr89].  
**Norms** [BJK<sup>+</sup>11, CJL09, Mag94]. **North** [BCEP94, IEE89b].  
**Note** [BH99, D. 44, Gau99, Gla79, God01, Mil57, NSR10, OS72, Ver67, FW85, HR72, LK73, Pro83, Tuk48, Wri84, Zha96]. **Notes** [Boe61, Boe62, Bur63, Bur64, Esc37, Fet67, Fra65a, GB68, Gla66, HKW60, Hea65, Hum64, JJ65, Jam99, Kal34, Lan60, Lon59, Lor89, Mec68, Moo67, SF59, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67, HUY07, LM07].  
**Nothing** [Kah87]. **Notices** [Moo67]. **Novel** [Bas01].  
**November** [AFI69, Ano91, IEE89b, IEE91, Sin95, AEF92].  
**novembre** [AEF92]. **NP** [RT89]. **NP-complete** [RT89]. **ns** [MIT<sup>+</sup>95].  
**NS32000** [Cam86].  
**Number** [DLM09, Fri67, Has66, Ngu98, OTY91, SH72, Tan89b, Bre74, BW00, GI01, GB90, Hon71, LP83, Per85a, KR86, Str59, VRS<sup>+</sup>95, VRS<sup>+</sup>99].  
**number-machine** [GB90].  
**Numbers** [Ano03, Ano06, CVV65, GS99, Has90, KB67, Maj72, BB88, CL11, DM91, Fil92, Kul07, LKKH99, Mul85b, Nag68, SW88, Tre80].  
**Numerical** [Abe88, Boi97, BO75, Bul65a, Bul65b, Bul69b, Car95, Cas83, CH70a, CJR91, CJR92a, CJR92b, Cow77, Dub83, DK90, Ehr61, Fra65a, Frö55, FI94, GST07a, Gus66, HL13, Hul78, IP87, Jab94, JL12, KZ90, Lau95, LB90, LO94, Mat04, Pro87, Tem75a, Tem07, Ull90, Wie99, AGA<sup>+</sup>80, Bre77, Bre78c, Bre78b, Cuy94, Ein79, Ell83, Gor82, GP84, HvdR63, Lau04, Mil75, Mül93, PBN93, RdL01, SGA81, SL83, Spi85, Tem76, Tem83a, VRS<sup>+</sup>95, VRS<sup>+</sup>99, Wil71]. **Numerically** [GST07b, Tal09].  
**Numerics** [Nav83, AAS93, Squ91d, Squ91c]. **numérique** [Bre77, Bre78c].  
**NumExp** [HL13]. **NumSBT** [Tal09].

**Oak** [Cow77]. **Ob** [DZKK77]. **Oberhettinger** [Coh12, Wig67].  
**Objectives** [Kuk71]. **Obtaining** [SK71]. **occasion** [AGA<sup>+</sup>80]. **Oct** [Ull90].  
**October** [IEE89b, IEE89c, Lav80, Sin95, USE88]. **ODEs** [LO93].  
**Odnomernymatematicheskianaliz** [PS93]. **Off** [Kuk71]. **Ohio** [Fet81a].  
**On-Line** [Erc78, OE82, PBE03, DHM89]. **On-the-fly** [EL89b].  
**One** [Gau65, Hit57, Lir71, PS93, SLZ05, BBB89, Spi85, Tes69, Car91, Jan77].  
**One-dimensional** [PS93]. **One-Half** [Lir71]. **one-step** [Spi85].  
**One-Variable** [SLZ05]. **Ontario** [Bro07, SIJ93].  
**Operand** [EM04a, EM07, WS06, EM04b, ITY97].  
**Operating** [Rot70b, Sho86]. **Operation** [SF96, SF93a].  
**Operational** [BC79].  
**operations** [BWKM91, Gon89, Sch93a, Sch93b, TE06, VCV01].  
**Operator** [von80, FS96, Sun88]. **Operatorkonzepts** [von80].  
**operators** [AHM<sup>+</sup>98, CG89, GS82a, GK89b, Hei88, Mit92, Whi82].  
**Optimal** [AM89, Ge89, MM91b, Mou67, Wil70, von80, Fik67, McC77, Meg89a, Roc82]. **optimaler** [von80].  
**Optimization** [Dan77, Gly89, OLHA95, RdL01, Sin96, Pol88].  
**Optimizations** [BJG<sup>+</sup>99]. **Optimized** [AK09, BM04].  
**Optimizing** [LGML05].  
**Order** [Amo86, Amo90, Amo95, Ano46, Ant64, BH65, Car75, CMF77, Cur64, FR76, Hit57, Kod08, Kod11, Lau73, LB90, Lir71, Mec68, Olv64, Olv67, Rap94, RL80, SW99a, Soo73a, Soo73b, Abr45, AG08, AM78b, AM79, AM84a, AM84b, BST13, Cam79, Cam81, Cam84b, Cam84a, Coc65, Col80, Col84, CS82, DAV12a, DAV12b, GST04a, Gla74, GM88, Hai60, HR07, KK96, KWKY07a, KWKY07b, KRVZ98, Kra85a, Kra85b, Lev91b, LS95, MG89, dAPM77, O'B80, RdC93, RX07, KR86, Sca71, Sch93a, Sch93b, SS65, TB86, TB87, Tho04, dT93].  
**order-differential** [KR86]. **Orders** [Alh00b, GST02d, NDT69, ND70, Alh00a, CT67a, CT67b, GST04b, SG98, SG99, Wal84].  
**Ordinary** [AO08, Bra73, Cas83, Tem79, Sca71, Tem76]. **Oregon** [BCDH09].  
**organization** [Sal76b]. **Oriented** [MKY92, PP12, AGA<sup>+</sup>80, OY91].  
**Original** [Chl11]. **Orlicz** [Mus87].  
**Orthogonal** [BGVHN99, Hoc64, Hom97c, Hom98a, KV03, SC01, Sue99, VB04, CKL89, DM08, El 06, Hom94, Pas08, zCFF05]. **OS/360** [Kuk66].  
**Oscillating** [UE05]. **oscillatory** [BO75, Vep08].  
**Other** [LC61, MR71, Olv91, Air37, Squ91c, SR53]. **outer** [Fuk83].  
**outline** [CHGM99]. **Overconvergence** [Ehr89]. **Overflow** [KNS95].  
**overhead** [MI97]. **Overlapped** [PZ95]. **Oxford** [Boi97].  
  
**P** [Coh12, Fet81b, Kun81, Tal68, Wig67, Frö63a, T.57]. **P.** [Köl97].  
**P.C.** [WNO94]. **P.D.E.** [Fri72, SM70]. **Pacific** [Sin95].  
**Package** [Amo86, Amo90, Amo95, Cod75, Cod91, Cod93, Dri89, Kod08, Mat87, Sal92, Smi91, Tan90b, BC09, Dri91a, Dri91b, Dri91c, KRVZ98, Mac96, Squ91a, Squ91b, Tan91a, VRS<sup>+</sup>95, VRS<sup>+</sup>99, Zen04].  
**Packages** [DPC95, Kra95, Squ91c]. **Padé** [AGJ86, Bor88, DF78].



**pair** [HFS99]. **Paleo** [BB12]. **Paleo-Mathematics** [BB12]. **paper** [Tra60].  
**papers** [Spr00, Boe61, Boe62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, HKW60, Hea65, Hum64, JJ65, Lan60, Lon59, Mec68, SF59, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67].  
**Parabolic** [Mil64, SG98, WR71, GST06a, GST06b, GST11b, LR74, MMV81, RL76, SGA81, GST11a]. **Parallel** [Bak75b, CA00, Gar75, LC97b, LO93, RHMLL08, SS93b, S<sup>+</sup>93, Tan87, BBC<sup>+</sup>91, Joh88, Mat90b, Sg92, Tak00].  
**Parallel-array** [LC97b].  
**parameter** [AG08, DD76, Fuk09b, PS78, Roc82, YM03].  
**Parameters** [DJ67, Won73, BS00, Bus74, GS88, KQY07a, KQY07b].  
**Park** [IEE89b]. **Part** [Fet81a, SZ70, Kru99, Ben83, Cas83, SZ74, SZ76].  
**Partial** [Büh03, AO08, Bus74, HBF09, MKS83, War75]. **Particular** [Völ83].  
**partition** [FNC75]. **partitions** [AGJ86]. **parts** [Tim87].  
**Pascal** [von80, MKS83]. **past** [Bre85]. **Pathways** [Meg89a]. **Patras** [SC01].  
**pattern** [Sid06]. **Patterson** [Fet81a]. **peaks** [Phi79]. [Tur69].  
**360** [Fik66, Kuk66]. **370** [ACG<sup>+</sup>86]. **6000** [Mar90].  
**cosine** [Bak76, JL94, PKS00]. **Division** [LD89]. **Integer** [D<sup>+</sup>89, KQY07a].  
**overflow** [LM07]. **Performance** [SL95, CL00]. **SIAM** [IP87].  
**Square** [LD89, SL95, LM99]. **square-root** [ALB98]. **Pendulum** [PS05].  
**Pennsylvania** [Tra76]. **percentage** [Fet79]. **perfect** [Dun90, dDM06].  
**Performance** [ASA06, BTDS11, Cod90, Gal85, CP99, Gal86, MMW91, MM92, WMDM92]. **Performance-Driven** [ASA06]. **Perimeter** [Adl12].  
**Periodic** [DR89, JW88, KS88, Lem88]. **Personal** [Egb77].  
**perspective** [BIS01]. **Perturbation** [Hom96b]. **perturbed** [JS89].  
**Phase** [CH70b, FKY86, CS83]. **Phase-integral** [FKY86].  
**phenomena** [Sti88]. **Phi** [Hin77]. **Phys** [Tho04, VRS<sup>+</sup>99].  
**physical** [Mat93]. **Physicists** [AW05, AWH13, Fet81b].  
**physics** [Ars68, Coh12, GI01, HBF09, Her82, Hoc61, MO49, MOS66, NU88, Sne56, Sne61, Sne63, Sne80, Tem96, Veb12, Wig67]. **Physik** [Sne63].  
**Piecewise** [KP75, SDP11]. **Piecewise-Polynomial** [SDP11].  
**pipeline** [OJ04]. **pipelined** [CCCP99]. **Pipelining** [TE06].  
**Pittsburgh** [Tra76]. **PLA** [EL89c, EL90].  
**Plane** [BDG<sup>+</sup>72, EW76, BDG<sup>+</sup>84, CM83]. **Plesset** [Hom96b, Hom96b].  
**Plethysm** [Car90]. **Poincaré** [Hau88, Lev91b, Pas92].  
**Point** [AAH10, BM04, Bli97, Bra87, CH98, DGS65, D<sup>+</sup>89, DHL<sup>+</sup>04, GB91, Has90, Hul78, JKMR11, JMMW79, Kah80, LD89, MMNP91, Meg89b, Mey01, Rus98, Sch88, Smi91, Tan89a, Tan90d, Tan92, WS05b, dDLM11, Ano67, BBC<sup>+</sup>91, BS06, BWKM91, BCK<sup>+</sup>93, BMR04, CHGM99, Cro92, GM88, HHR00, Hou81, KMY89, Kra88, Kra98, Kul07, LKH93, LC97a, LMOT01, MT72, MG89, MPG92a, MPG92b, Mat90b, OY91, Obe99, OJ04, PKS00, Rus99, SF93b, Sko04, Smi01, SL97, Ste89, Ste08, TE06, TRHH94, Vav89, VCV01, WN03, dDM06]. **Point/Integer** [D<sup>+</sup>89].  
**Points** [Bra87, FCC73b, Bos89, DK82, Fet79, PA86]. **pointwise** [Som82].  
**pointwise-Lipschitz-continuous** [Som82]. **Polarization** [FR76].

**Polya** [EH89]. **polycrystals** [AM89].  
**Polygamma** [Din58, Lew75, Di 86, TS69]. **polylogarithm** [Vep08].  
**Polylogarithms** [Bar74].  
**Polynomial** [ADN03, AH10, Cle54, Cod65b, Fra65b, Hit57, JKMR11, NDT69, SR53, SDP11, Bos89, DM88b, Kon76, Rei86, Zen04].  
**Polynomials** [Bar61, Bra73, Dan82, DM88a, HG64, Hoc64, Hum64, SC01, Sko75, SOL81, Tho65, Wit68, Bor10, DM08, DK77, DZKK77, El 06, EMR82b, FS92, KV03, Kra85b, Pow88, Rac82, Ric92, SL83, SZW11, Sue99, Tes69, Tim87, ZZ11, zCFF05]. **polytype** [Vai89]. **pomoshch'yu** [Saa91].  
**porous** [YH89]. **Portability** [Cow77]. **Portable** [Amo83, Amo86, Amo90, Amo95, Cod91, Cod93, Ful77, KDDH92, KDDH94, Kor11, Rum01, Tan88, Tan90b, ZOHR01, AHM<sup>+</sup>98, Tan91a, VRS<sup>+</sup>95, VRS<sup>+</sup>99].  
**Portland** [BCDH09].  
**Positive** [Pie84c, TM68, Bar84b, CG89, GST04a, GST04b, HR88].  
**positivity** [Ric92]. **possible** [LM07]. **Post** [dDEG05].  
**Post-ultimate** [dDEG05]. **posteriori** [Kai89].  
**Potential** [MS68, Sti88, Vai89, Wil96]. **Potentials** [FR76]. **pow** [LL09].  
**Power** [NKY08, Rei69, BBD03, BF92, Gus78b, Gus84, KP98, MI97, NL99, Wen10]. **Power3<sup>TM</sup>** [AGS99]. **powerful** [SW88]. **Powering** [PEB04].  
**powers** [Boy09]. **Practical** [Ike76, Sid03]. **practice** [BR91].  
**practitioners** [Tho97b, Tho97a].  
**Precise** [Abe88, Fuk11, Fuk13, HJ96, IM99b, LA85, Wil12].  
**Precision** [Ahr96, BY07, Bre76a, BJK<sup>+</sup>11, CHG<sup>+</sup>11, Cod64, DPC95, HA85, HA86, KM97, Kin65, Kor11, Lan64, LL09, LM03, Lew75, LE95, PB02, SH72, Sch88, Smi91, Smi11, SG72, Swa65, TS69, Bre75, Bre76b, BM80, DAV12a, DAV12b, DSK83, EM03, Fer86, FW80, Fra81, Gab79, Gau11, Hon71, KM93, KO94, KA71, LC97a, Mar00, Mar03, QW06, Sca71, Smi89, Smi01, Spe72, Tak00, TE06, VCV01, WG94a, WG95, XLX<sup>+</sup>83, XL94]. **precision-** [VCV01].  
**Predictive** [Bak73]. **prefixed** [HR07].  
**Prescaling** [EM04a, EM07, LM95, EM04b, LM92, LM99].  
**Presentations** [Bor02]. **priblizhenii** [DZKK77, Saa91]. **primal** [KMY89].  
**primal-dual** [KMY89]. **prime** [Per85a]. **primitive** [Dri91b].  
**Primitives** [Laz85, EM03]. **Principal** [Har97]. **Principled** [OLHA95].  
**priori** [Krä87, Kra98]. **priors** [GK89a]. **Probabilities** [Whi63].  
**Probability** [Car75, SZ70, ZS64, Fei78, Mar88, McN73].  
**problem** [EC79, Gre82, JS89, JMS98, Mag94, Sko04, SW88, Via89].  
**Problems** [Bre82a, Cas83, Ovt03, Ric68, Rob55, AO08, CMV69, Cro92, OSS09, Pol88, RdL01, RT89, Spi85, Was89, Wen01].  
**Procedure** [Gau79b, Di 86, MH72, HJ67b]. **procedures** [Cod82].  
**Proceedings** [AGA<sup>+</sup>80, AGL93, Ano91, ???90, ES89, Hwa85, IEE78, IEE81a, IEE81b, IEE89c, IEE91, IEE99, IP87, IL07, KM95, KM91, Lak96, Lav80, Luk99, MT85, Mul82, S<sup>+</sup>93, SIJ93, Tra76, Ull90, Ask75, Ban01, BL91, BC01, CDS00, Koo91, KK99, LMT97, Mar85, MC87, Mil75, MT86, Ric92, T<sup>+</sup>97, USE88, Wah04, ACM89, Ano06, Boi97, BCEP94, Bro07, BCDH09, DIW00,

IEE05, KM07, Men06, MS94, SO11, SC01, Spr00, RDK98].  
**Process** [Whi63, Bel90]. **Processes** [SK71, Bre83, Ebe89, Ruy89, Wen01].  
**Processing** [Lav80, S<sup>+</sup>93, JL94, Luk99]. **Processor** [D<sup>+</sup>89, Dav81, Nav83, Rus98, AGS99, DMS95, Mar90, Mat90b, PKS00].  
**Processors** [IEE89c, T<sup>+</sup>97, VDR05, BBC<sup>+</sup>91].  
**product** [AB88, Gla74, LW89, Max91, VC06a].  
**Production** [Sch76b, Sch77b]. **Products** [KKI67, MS68, Sol69, LK73].  
**Professeur** [AEF92]. **Professor** [AEF92]. **profile** [Dav59].  
**Program** [Bar76, Tem79, Bar84c, DSK83, DF84, LMS73, MKS83, NT84, Wen64, Wie99, Zei91]. **Programmable** [LA85, LE95, LE93].  
**Programming** [Chr62, DGS65, Frö63b, Meg89b, Mul82, Ano67, Chr65, Gon89, Joh88, KMY89, Meg89a].  
**Programs** [Bai93, BBM84, Cah54, Cod90, Köl72c, Köl84, Mos89, WNO94, BW89, Dam94, Fuk83, Gon89, Tho97b, Tho97a]. **Progress** [FLR03, Meg89b].  
**Project** [Loz00]. **projection** [Som82]. **projections** [Via89].  
**projective** [Via89].  
**Prolate** [LP61, LP62, MC04, SP61, Sle64, Sle65, Sle78, RX07, SS65].  
**Proof** [Rus98, BMZ06, Leh83a, Leh83b, Mim88, Rus99, Zim00].  
**proofs** [CHGM99]. **propagation** [GK70a]. **Properly** [HA85].  
**Properties** [Hom97d, Kui52, RGK72, Sch76a, Sie76, AB88, BG84, CB12, Her82, Hig77, Kra89, Mak80, Mat92, MC04, Ris79, Ruy89, Tre80].  
**Proposal** [BCK<sup>+</sup>93, DHL<sup>+</sup>04, OGWY94]. **Proposed** [Dri89, Dri91a, Dri91b, Kah80, Loz96a, Loz97a, Sal92, Squ91a, Dri91d, Dri91c, Hou81, Squ91b].  
**Provably** [Dun87a, Dun87b, Dun88, Dun94a, Dun94b]. **Prover** [Bor02].  
**provider** [Ste08]. **Proving** [CH98, Bel89, Zei91]. **pseudo** [Bre74].  
**pseudo-random** [Bre74]. **Pseudodivision** [SK71]. **Psi** [Amo83, CST73, Din58, Moo67, SB71, Tho65, Alz97a, CB12, Che13, Wim74]. **Punkte** [Bra87].  
**Pythagorean** [Dub83, MM83]. **PZ** [CDS00].  
  
**Qrd** [LF92]. **Qrd-based** [LF92]. **quad** [Mar03]. **quadrant** [HFS99].  
**Quadrante** [RS98]. **Quadratic** [Car92, POMB05, Car91].  
**quadratically** [Sch95]. **Quadrature** [Ben98, GST03, Gus66, KP03, Akr85, FO93, Gau02, GF97, GST02a, Kza92, Kza99, SL83].  
**Quadratwurzel** [Rot70a, Kun81, Rix82].  
**Quadratwurzel-Algorithmus** [Rix82]. **Quadratwurzelfunktion** [Hol69].  
**Quadratwurzeln** [Die83]. **Quality** [Boi97, Atk79].  
**Quantiles** [Hil70b, eL79, Hil81b]. **Quantisation** [PS05]. **quantities** [DP92].  
**quantum** [Var95]. **quartically** [Bai88].  
**quasi** [Cri82, GM88, MG89, MPG92a, MPG92b]. **quasi-analytic** [Cri82].  
**quasi-fractional** [GM88, MG89, MPG92a, MPG92b].  
**quasiconfluent** [AS03]. **Quasipower** [Pas95]. **quaternary** [CA00].  
**question** [PKP74]. **Questions** [BL71, Ded26, Esc37, Kal34, Arm82].  
**Quotient** [Rus13, Che71]. **quotients** [IsM77].

**R** [Coh12, Wig67]. **R66** [Has66]. **R66-78** [Has66]. **R68** [Bin68].  
**R68-38** [Bin68]. **Radial** [BC62, Pow88]. **radiation** [OSS09]. **Radici** [RS98].  
**Radix** [BTDS11, CL94b, Erc72, Erc73, EL89c, EL90, LM95, LA01, LA03, MIT<sup>+</sup>95, Nan11, PBLM08, PZ95, Sal51b, ALB98, Bak73, Bak75a, Bas01, BH01, CM90, CP99, Fan89, HF95, LM92, LM99, LO95, Mer94, MC89, MC91, MC93, MC95, NL99, PEB02, PBE03, Sch93a, Sch93b, SF93b]. **Radix-** [EL90, LA01, LA03, PZ95, Bak75a, Bas01, BH01, CP99, HF95, LO95, MC95, NL99].  
**Radix-16** [Erc73, Nan11]. **Radix-2** [PBLM08]. **Radix-4** [EL89c].  
**Radix-8** [BTDS11]. **Rahman** [IK05]. **rail** [MI97]. **Raleigh** [BCEP94].  
**Ramanujan** [Mar86, BBB89, Mim88]. **random** [Bre74, Ruy89, Sho86].  
**Range** [BHK09, BDK<sup>+</sup>05, HKA93, JSH<sup>+</sup>11, SOL81, DMMM95, Mas83, MV98, VC06a, VCV01]. **range-independent** [VCV01].  
**Range-Reduction** [BDK<sup>+</sup>05]. **Ranges** [Bin68].  
**Raphson** [CHGM99, MM91b, Mou67, WS05b].  
**Rapid** [Esc37, JJ65, MZM94]. **Rapidly** [Jam89, McC81]. **rapport** [Del81].  
**Rate** [Chl11, DF78, FS92, GK89b, Wan82]. **rates** [BD85, SS98].  
**Ratio** [BB74, DJ67, Hin77, OM68, PSB76, Gom89, Lud63, PH67].  
**Rational** [BSW95, BM04, Bla74, BEJ76, BEJ78, BPD81, BGVHN99, CT67b, CT68, Eck76, EW76, FL67, Fie65, Frö61, Frö63a, GB68, GP64, KZ90, Mar86, Nin70, ST07, Squ70, VB04, WC90, WBR82, BZ92, CMV69, Cuy94, Dan77, DAV12a, DAV12b, Eck77, Ell83, Fik67, Jam99, Kra85a, Kra85b, Lan80, Lit93, Lit94, Mag94, Saa91, Sie76, VT11, CT67a].  
**Rationale** [Dri89, Dri91c, Squ91b]. **rational**s [DSK83]. **Ratios** [Amo73, AVV90, Che72, DM92, Amo74, Del81, Gau64a, Gau64b, Gau77a, GS78].  
**ratsional'nykh** [Saa91]. **ray** [Phi79]. **RCWFF** [Bar76, Bar84c].  
**RCWFFN** [Bar76, Bar84c].  
**Real** [Ano03, Ano06, Bar76, Bra87, CP98, CMF77, DLM09, DiD78, GKS04, GZ75, Krä87, Mor76, Mor79, Müll90, RL80, Ric68, Soo73b, Soo73d, Sou57, Wan74, AM78b, AM84b, BFGS74, Bar82b, Bar84a, BFGS84, Bar84b, Bar84c, BY07, BF92, Bro89a, Cam79, Cam81, Cam84b, Cam84a, Car95, Cob69, CS82, GS88, GST06b, Gon52b, Kra88, KRVZ98, Mul85b, PS78, Ric88, SG99, T.57, TB87, Tho04, Tur72, GST06a, HJ67b]. **real-imaginary** [BF92].  
**Realistic** [Fra78]. **Reasoning** [BCD<sup>+</sup>02, CDJ<sup>+</sup>01].  
**Rechnerarithmetik** [von80].  
**Reciprocal** [ALMN05, BTDS11, EIM<sup>+</sup>00, Int03b, IM99a, IM99b, LA01, LA03, PB02, Tak01, WS06, CLZ04, FW84, GEK04, JL94, Sei99, Wri84].  
**Reciprocals** [BTDS11, SW99a, CO86, Sin96]. **Reciprocation** [ELMT00].  
**recognition** [MS82]. **record** [Rah01, Sin95]. **recourse** [BW89].  
**Rectangular** [WG94b].  
**Recurrence** [Act74, ALMN05, GT59, LA01, LB90, Lew85, Lew87, Mec68, OS72, Olv88, Pré10, Sch77a, EL94, EM03, Lev91b, LE93, VC06b].  
**Recurrences** [Tha79]. **Recursion** [LDP93, OSS09, Wim68, Wil71].  
**recursions** [GST07b].  
**Recursive** [Chl11, Gau61, GK70a, Gau99, SG76, Ekl01, SS10].

**reduced** [CS83, MKS83]. **Reducibility** [JMMW79].  
**Reducing** [MC93, MC95]. **Reduction** [BDL09, BDK<sup>+</sup>05, Car70, JSH<sup>+</sup>11, NC66, Shi93, Smi95, SLZ05, DMMM95, Gra02, HTHR94, VB81, vRdL88].  
**redundancy** [HF95].  
**redundant** [LKKH99, LP83, MC93, MC95, Sei99, ZXBZH01].  
**reelle** [Bra87, Krä87, Mül90]. **réels** [Mul85b]. **Reference** [Car74].  
**Regency** [IEE89c]. **regimes** [YM03]. **Region** [IEE85, Fet74].  
**Regional** [Men06].  
**Regular** [AS95, CP70, Ike75, Ike76, Nes84, Gau66b, Gau69b, Köl69a].  
**Related** [Abr64b, CR68, Dav64, Fle68, GC64, Hit57, MR71, Meg89b, Smi11, Sou64, SZ70, SZ76, FW80, Fra81, LM08, Mac72, Sch78c, Smi01, Uni49].  
**Relating** [BC62, Boe61]. **relation** [FKY86]. **Relations** [HP62, LB90, Olv88, Act74, Cri82, Gra02, Lev91b, Lew85, Lew87, Wil71]. **Relationship** [Hin77].  
**Reliable** [CVW06, Mac89].  
**Remainder** [CH98, CHI<sup>+</sup>03, Int03a, VCV01, Wil12].  
**remainders** [MC93, MC95]. **Remark** [Amo90, Amo95, And00, BB74, CP70, Fri72, Gau69b, GK70b, Goa97, Gra63b, Hil81a, Hil81b, HP85, Hol70, Jan77, Jef62, Kod07, Köl69c, Kop74, Mor76, PH67, PSB76, Pit67, Pom76, RS81, Red70, Sch78b, Sko75, Sko78, Vos73, eL76, eL79, Ber68, Köl69a, MC95].  
**Remarks** [Fri72, Håv81, HJ67b, Köl72d, Hit75]. **Rep** [Fet81a].  
**Repeated** [Gau61, Gau77b]. **Replacing** [MM83].  
**Representation** [GRS87, Kaz65, Mul85b, VK95, Mul85b, CS11, Var95].  
**Representations** [ADN03, LW89, Mat04, NS09, Bus74, Die80, Dut86, Ism77, Vil88, WS84, Wen07]. **representing** [Hai60]. **requirements** [Wil96].  
**Res** [ACG<sup>+</sup>87, Fet81a]. **Research** [Ask75, IEE89b, IEE99].  
**residual** [Kaz65]. **Residue** [OTY91]. **Respect** [Lau73, AG08, Bus74].  
**respectively** [Kra95]. **Restoring** [OLHA95, LC96, LC97b].  
**restricted** [vdD88]. **restrictions** [Spi85]. **result** [AK93, MC93, MC95].  
**Résultats** [DGB80]. **Results** [Lef05, Sri70, DGB80, DHM89, Ein89, Fdi97, GAZK03, Per85a, SW88, VB81]. **Reversion** [FO99]. **Review** [Wig67].  
**Revised** [Dun94b, Loz97b]. **Revisited** [SZ05, BF92].  
**RFSFNS** [VRS<sup>+</sup>95, VRS<sup>+</sup>99]. **Ricatti** [Bra70]. **Richardson** [Fil66].  
**Richardson-Algorithmus** [Fil66].  
**Riemann** [BBC98, BBC00, CHT71, HP62, HG64, Kol70, Mar65, Sko05].  
**Right** [SL97]. **rigid** [CZ10]. **Rigorous** [Rum01, Yoh70]. **RISC** [Mar90].  
**Risch** [Laz85, Mos69]. **RNC** [Ano06]. **RNC5** [Ano03].  
**Robust** [Mac89, DR04, VT11]. **ROM** [Spr00, GP84]. **Romanian** [Hai60].  
**Romberg** [EM86].  
**Root** [AH10, Ale77, AMT78, ALMN05, AMS76, BV85, BO93, BR73, BH07, Cat86, Cod64, CH98, CHI<sup>+</sup>03, CL94b, Cow64, D<sup>+</sup>89, EIM<sup>+</sup>00, ELMT00, EM04a, EM07, Esc37, Fik66, Fri67, Gar75, GBKK09, HAK91, Hei96, Hol69, HA85, Int03a, Int03b, IM99a, IM99b, ITY95, Joh87a, Kah99, KM97, Kin65, KP69, Kog59, Kor05, KNS95, Lan42, LM95, LA01, LF92, LE95, LD89, MIT<sup>+</sup>95, MKY92, MM91b, Nan11, Ngu98, Nin70, OLHA95, OE82, Par06,

PB02, PBLM08, PZ95, Rix82, RHMLL08, Rol87, Rot70a, Rus98, Rus13, SH72, SK71, SG02a, SF96, SL95, SL97, Swa65, Tak01, Tha61, Wad58, Wal80, WS05b, Wil70, WS06, Zim99, ZG87, AHM<sup>+</sup>98, AGS99, Ano12, ALB98, Bas01, BMZ06, Bic81, BMST97, BH01, Cat85, Che71, CH89, CL94a, CL95].  
**root** [CL00, CHGM99, DD76, DSK83, EL89b, EL89a, EL89c, EL90, EL94, EM03, EM04b, Fan89, GREL96, Has00a, Has00b, Hig93, HF95, Hon71, HFS99, ITY97, JL94, Joh87b, KM93, KP98, LM92, LM99, LA03, LKH93, LKKH99, LO95, LC96, LC97a, LC97b, LE93, LMT<sup>+</sup>92, Lyo91, MST89, MI97, Mat90b, MMW91, MM91a, MM92, MMH93, Mit92, MC89, MC91, MC93, MC95, NL99, Obe99, OJ04, Ped80, Pro83, Rus99, Saw02, Sch73, SF93a, SF93b, Sch95, Ste89, Ste08, SL63, Str59, Tak00, Tay81, TVG00, TE06, Tom00, Tuk48, VCV01, WN03, WMDM92, ZXBZH01, ZLC04, Zim00].  
**rootfinding** [HP93].  
**Rooting** [Alt79, Erc78, Has90, Maj85, Met65, RGK72, CCC96, CCCP99, CM90, CP99, ITY96, KB89, KK98, Liu95, MM90, Par99, WG92].  
**Roots** [ADN03, Ahr96, BB12, BFHT85, BJK<sup>+</sup>11, BTDS11, Cam86, Car74, Che72, CG85b, Cre98, Ded26, Die83, Fet76, GLR07, HCK09, JJ65, JKMR11, Joh89, Kal34, Kun81, Lir71, MK71, Maj72, MM83, Mül04, PS77, PS78, Sar59, Sch84, Sch85, SW99a, SW99b, Tor02, Tra60, Yoh70, Yoh73, BH99, CL11, CO86, Cre91, CLZ04, Dut86, Egb77, Eve63, Fre81, HHR00, HR07, Jam89, Jam99, KAN96, KCYL06, Özb06, Pen81, Per85a, PS79, QW06, RS98, Sar60, Sin96, SD85, Tur94, VRS<sup>+</sup>95, VRS<sup>+</sup>99, Yey92, Zen04]. **Rough** [Gor82].  
**Rounded** [HA85, Kah96, LA01, SS94, Ziv91, BMR04, CLZ04, LMT98, LM00, SS93b]. **Rounding** [BJK<sup>+</sup>11, BTDS11, IM99b, LM95, LL09, LM03, Lef05, RN96, Sch95, TBDS11, ALB98, EL89b, LM99, PEB02, PBE03, SS93a].  
**Routine** [Ale77, Kin65, Swa65, Tur69, Cat85, Fre81].  
**Routines** [Ful77, Sch76b, CZ10, GST02b, GST02c]. **Royal** [MC87, Mil75].  
**Rule** [Ric73]. **Rules** [GST03, GST02a]. **Runge** [Cas83].  
**Russian** [Bar72, BSY82, BL71, Dan77, DK77, DF78, DZKK77, Fog51, Kai89, Kaz65, Kon76, Kra85a, Kra85b, Lin57, LP83, Mak65, Mak80, Pei63, PS93, KR86, Saa91, Sal76b, Tes69, Tre80, Tur72, ZSA86].

**S** [Fra81, WOG95]. **S-3800** [WOG95]. **S13** [Gau73].  
**S14** [PSB76, Pom76, eL79, Dor68, Gau79a, HD73, Hil73, Hil77, Kuk72a, Kuk72b, LT71, Sch78b, TS69]. **S15** [eL76, Ber68, Gau69a, HJ67b, OW68].  
**S16** [Cob69, Gau65]. **S17** [Bur74]. **S18** [ADW77a, Amo78]. **S20** [LG64].  
**S21** [Sko78, CN81, Eck80, Far69].  
**S22** [Cle69, CP70, Gau69b, GZ75, Köl69a, Köl69b, Köl69c, Mor76].  
**Saddle** [FCC73b]. **SAIN** [Kee82]. **Samos** [VDR05].  
**Samples** [Pom74, Pom76]. **San** [Koo91]. **Santa** [ES89, IEE78].  
**satisfactory** [GST07b]. **saturation** [Hei88]. **Scalable** [OJ04].  
**Scalar** [ACG<sup>+</sup>86, FFS83, ACG<sup>+</sup>87]. **scaling** [ALB98]. **SCAN** [Ull90].  
**Scattering** [Len76, MS68, Car82, Kre89]. **Scheme** [Chl11, Kai89].  
**schemes** [CH78, Håv79]. **schisleniya** [LP83]. **School** [HUY07].

**Schranken** [Rot70a]. **Science** [IEE89b, LMS99, MC87, Tra76].  
**Sciences** [MS94, Spr00, Mat93].  
**Scientific** [AK93, MT85, S<sup>+</sup>93, AEF92, MT86]. **scientifique** [AEF92].  
**scientists** [Bel68, Bel04, Lau95, Lau04, MH08, Sen67, Köl97].  
**Scorer** [GST02c]. **search** [Hig93]. **Searching** [SLZ05].  
**Second** [Bra70, Car87, CMF77, DH59, AEF92, FL67, Köl97, LW63a, LW63b, LB90, Mec66, Olv67, SW99a, Van69, BL91, DAV12b, Fet81b, Fuk11, Gla74, Her61b, HvdR63, Jam81, Koo91, Lar66, Mid75, Mor99, RDK98, Tem76, VC06b, WC90, YM03]. **Second-Order** [LB90, Olv67].  
**sections** [Mül99, Rus88]. **Segment** [Lef05]. **select** [CL00].  
**selected** [Ban01, TB87].  
**Selection** [Kor05, LM95, Rus13, ALB98, PEB02, PBE03].  
**selections** [Som82].  
**Self** [CC69, GREL96, LKKH99, MIT<sup>+</sup>95, Ull90, CCCP99, MI97].  
**Self-contained** [CC69]. **Self-Timed** [MIT<sup>+</sup>95, LKKH99, CCCP99, MI97].  
**Self-Validating** [Ull90]. **Semantics** [BWK91]. **semi** [Cro92].  
**semi-infinite** [Cro92]. **Semicirculant** [HBS00]. **semigroups** [Fei78].  
**seminar** [Ask75, Laz85]. **Sense** [Dar70]. **Separable** [FLMR00].  
**September** [Ano03, ES89, IEE89a, SC01, Wah04].  
**Sequence** [Alb62, Cod83, Hom97d, Tro84, Wim81, Hom98b, Mus87, Wen89].  
**Sequences** [Bra65, FFS83, Osa90, Bre78a, Del81, DGB82, Ekl01, GB90, Gon52b, Lev73, LM08, Sed90, Yey92]. **Sequential** [Kar84].  
**Series** [AGS99, AS54, BS98, Cah54, CRZ00, FFS83, Fuk12, Gas81, GS82b, Hom96b, Hom97a, Hom97b, Hom97c, Hom97d, Hum64, Kal04, Luk59, LC61, Pie84c, Pri75, RS81, Van69, WR71, Wre68, Wre73, AO08, Air37, BBD03, BB94, BF92, Bor10, Boy09, BCG91, CR08, CGKZ05a, CGKZ05b, DT09, Del79, Dom03, Gus78b, Gus84, HBF09, Hom94, Hom98b, Hom99, Kra95, Lav86, Lew94, LP95, McC81, MC04, MS87, Ng68, Ole96, Pas95, Pas08, PBN93, Pie84b, Saw02, Sch76a, Sch77a, Sid06, Vep08, Ver77, Wen89, Wen01, Wen07, Wen10, WN09, Woź10, ZB97]. **Service** [Loz96a, Loz97a].  
**Session** [DM08, Ric92]. **Set** [DPC95, DGB82, GP84, Meg89a].  
**Sets** [AEF92, PW76, EH89, Hig77]. **Setting** [Rah01]. **Seventh** [MS94].  
**several** [KS88, Liu93]. **Sexagesimal** [R. 43]. **Shanks** [AGJ86].  
**Shared** [MIT<sup>+</sup>95, Fan89, KP98, LKKH99]. **Sharp** [BD85, QV96].  
**sharpened** [Kai89]. **Shift** [CH70b]. **Shifts** [BM04].  
**Short** [ADN03, Boe61, Boe62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, HKW60, Hea65, Hum64, JJ65, Lan60, Lon59, Mec68, Moo67, SF59, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67].  
**Should** [PW76]. **Shrivenham** [MC87]. **shuffle** [SR81].  
**shuffle-exchange** [SR81]. **SIAM** [S<sup>+</sup>93]. **side** [JW88]. **Sided** [Sch84].  
**Sieve** [Ngu98]. **SIGAda** [ACM87]. **SIGForth** [Koo91].  
**Sign** [Kah87, HHR00, Sid06]. **signal** [JL94, Luk99]. **Signals** [Sin95, LP62].  
**signed** [CA00, LKKH99, RN96]. **signed-digit** [CA00].  
**Significant** [BL94, DM92]. **SIGSAM** [ACM89].

**Similar** [Tho66, Völ83, Act74].  
**Simple** [MC91, von84, Cre91, Dom03, KRVZ98, Leh83b, Lew94, Vai89, Wen64].  
**simplex** [Blo88]. **Simplification** [Bro89a, BBD03, BD02].  
**Simplified** [TM68, Wal80]. **simulation** [Gly89].  
**simultaneous** [Bel90, Sun88]. **Sinc** [GS91].  
**Sine** [Cun62a, Cun62b, SZ76, Tan90c, Bak76, JL94, PKS00, Saf10, Paw11].  
**sine/cosine** [Bak76, JL94, PKS00].  
**Single** [Fra65b, HHv<sup>+</sup>73, SH72, Hon71, LC97a, MI97, WG95].  
**Single-** [HHv<sup>+</sup>73]. **single-rail** [MI97].  
**singular** [BS06, DK82, Mus87, Whi82]. **singularities** [Tim87].  
**singularly** [JS89]. **sistemakh** [LP83]. **Sivashinsky** [AGH89].  
**Six** [AFC10, WOG95]. **Sixth** [S<sup>+</sup>93]. **size** [Bel89, Par99]. **skew** [Kru99].  
**skew-symmetric** [Kru99]. **skipping** [MC91]. **Slepian** [MC04].  
**sloping** [Ehr89]. **Slow** [Wil70]. **Slowly** [UE05, Lew94, WN09, Woź10].  
**Small** [ELMT00, Pom74, Pom76, BZ92, Shi93]. **Smirnov** [Pom76, Pom74].  
**Smooth** [Pol88, KS88, Pro88]. **smoothing** [BD85]. **Smoothness** [GK89a].  
**Sobolev** [Zie89]. **Society** [Ban01]. **Software** [And82, Boi97, Cod71, CW80, Cow77, Joh87b, Kah80, Loz94, Loz96a, Loz96b, Loz97a, Ric71, Sch77b, Tan90c, WNO94, dDM06, Cod82, Ein79, KRVZ98, Mac96, Smi01].  
**solids** [Har77].  
**Solution** [Die83, Hom96a, LB90, Mil57, Pre55, Rob55, DK77, Lev91b, Spi85].  
**Solutions** [Cle69, Fri72, Olv67, GST04b, GST07b, RdL01]. **solves** [SD85].  
**solving** [Fuk83, Gon89]. **Some** [AB88, Alz93, Bak75b, BM80, Bre82b, Car70, CB12, DHM89, Erc72, ELMT00, Fdi97, FB91, Fil66, GB68, Gla66, Gla74, HP62, Her82, Hit75, HKA93, Ker83, Lav86, LM07, McN73, Mon83, Osa90, Pas03, QVV98, RGK72, Ric68, Ruy89, Sle65, SW88, Tan90c, Alz97a, Alz97b, Arm82, Bak73, Bak75a, Bre78a, DF78, FW80, Fra81, FW85, Gau11, GM84, GK89b, HP93, Hei88, Kui52, Kza92, MT72, MY91, MC91, Now06, OSS09, Sed90, SL83, Sim64, Ter81a, Tre80, Wen01, WN09, Woź10, VB81].  
**Soni** [Coh12, Wig67]. **Sound** [HJ96]. **sources** [Wil96]. **Southard** [T.57].  
**Southeast** [Men06]. **Space** [CGKZ05a, CGKZ05b, LP62, Mus87].  
**Space-efficient** [CGKZ05a, CGKZ05b]. **spaced** [FK88].  
**spaces** [AB88, Som82, Yos97, Zie89]. **Spanish** [MCM90].  
**Special** [AGL93, AK09, And98, AAR99, AKS01, Ban01, Bat07, BW10, Bel68, Bel04, Bre80a, BIS01, Car77b, CMW63, Cod75, CVW06, CPV<sup>+</sup>08, Deu76, DM08, El 06, Fei78, Ful77, Gau75, GST03, GLR07, Hoc61, Koo91, Kor11, Leb72, Loz94, Loz96a, Loz96b, Loz97a, Loz00, Luk69a, Luk69b, MH08, Mil65, Mos72, NU88, Olv74, Rai60, Ric92, Sch76b, Sch77b, SC01, Sne56, Sne61, Sne63, Sne80, SZ70, SZ74, SZ76, Tal68, Tem96, Vil88, WG89, Wig67, AO08, Ano93, Ano98, Ars68, Ask75, BC09, Ber01, Buc69, Bus74, Car82, CKT07, CDS00, Coh12, DKK80, DIW00, GI01, GG08, GST02a, GST07a, HBF09, Hig77, IK05, KV03, LO94, Mac96, MO49, MOS66, Mar88, Mat93, Mil68, Mos69, RDK98, Sau93, Sen67, Sid06, Tem83b, Tem07, Ubh89, VK95, WS84].  
**special** [Wen01, Wen07, Wim82, ZJ96, vdLT84, Ban01, Die80, DM08, Her82].



**Special-Function** [Kor11]. **Specialness** [Bat07].  
**Specific** [GBKK09, HCK09, T<sup>+</sup>97, VDR05]. **Speculation** [CL94b].  
**Speed** [CG85b, JSH<sup>+</sup>11, Maj85, PB02, POMB05, RGK72, SW99b, SC71, SA57, ZG87, CCCP99, Fan89, LMT<sup>+</sup>92, Mar00, Sei99]. **Spezielle** [Sne63].  
**Spherical** [AM78b, AM84b, Bra73, GF97, Jab94, MS67, O'B80, PS05, Cai11, Del79, Del84, dAPM77, Max91, PS77, PS79, Tal83, Tal84, Tal09, Wil71].  
**Spheroidal** [Low64, Sle64, Sle65, Sle78, LP61, LP62, MC04, RX07, SP61, SS65]. **SPIE** [Luk99]. **splines** [DR89]. **split** [WG92]. **splitting** [Kre89].  
**sponsored** [Ask75]. **Spring** [AFI71]. **Springer** [Fet81b, Köl97].  
**sqrt** [Rah01, Kah96].  
**Square** [ADN03, Ahr96, Ale77, Alt79, AMT78, ALMN05, AMS76, BB12, BV85, BO93, BR73, BFHT85, BJK<sup>+</sup>11, BH07, BTDS11, Cam86, Car74, Cat86, Che72, Cod64, CG85b, CH98, CHI<sup>+</sup>03, CL94b, Cow64, Cre91, Cre98, D<sup>+</sup>89, Die83, Egb77, ES99, Erc78, EIM<sup>+</sup>00, ELMT00, EM04a, EM07, Esc37, Fik66, Fri67, Gar75, GBKK09, HAK91, HCK09, Has90, Hei96, Hol69, HA85, Int03a, Int03b, IM99a, IM99b, ITY95, ITY96, JL94, JJ65, JKMR11, Joh87a, Joh89, Kah99, Kal34, KM97, Kin65, KP69, KK98, Kor05, KNS95, LM95, LA01, LA03, LF92, Liu95, LE95, Maj85, MK71, Maj72, MIT<sup>+</sup>95, Met65, MKY92, MM83, MM91b, Mül04, Nan11, NF63, Ngu98, Nin70, OLHA95, OE82, Par06, PB02, PZ95, RGK72, Rix82, Rob69, RHMLL08, Rol87, Rot70a, Rus98].  
**Square** [Rus13, SH72, Sar59, SK71, SG02a, Sch84, Sch85, SW99a, SW99b, SF96, SL97, Swa65, Tak01, Tha61, Tor02, Tra60, Tur94, Wad58, Wal80, WS05b, Wil70, WS06, Yoh70, Yoh73, Zim99, ZG87, AHM<sup>+</sup>98, AGS99, Ano12, BH99, Bas01, BMZ06, Bic81, BMST97, BH01, CCC96, CCCP99, Cat85, Che71, CL94a, CL95, CL00, CM90, CO86, CHGM99, CP99, CLZ04, DD76, DSK83, Dut86, EL89b, EL89a, EL89c, EL90, EL94, EM03, EM04b, Eve63, Fan89, Fre81, GREL96, HHR00, Has00a, Has00b, HR07, Hig93, HF95, Hon71, HFS99, ITY97, Jam89, Jam99, Joh87b, KB89, KK96, KM93, KCYL06, KP98, LM92, LM99, LKH93, LKKH99, LO95, LC96, LC97a, LC97b, LE93, LMT<sup>+</sup>92, Lyo91, MST89, MI97, Mat90b, MMW91, MM91a, MM92, MMH93, Mit92].  
**square** [MC89, MM90, MC91, MC93, MC95, NL99, Obe99, OJ04, Özb06, Par99, Ped80, Pen81, Per85a, Pro83, QW06, RS98, Rus99, Sar60, Saw02, Sch73, SF93a, SF93b, Sch95, Sin96, SD85, Ste89, Ste08, SL63, Str59, Tak00, Tay81, TVG00, TE06, Tom00, Tuk48, VCV01, WN03, WG92, WMDM92, Yey92, ZXBZH01, ZLC04, Zim00, Kun81]. **Square-**  
**Root** [ALMN05, CL94b, LA01, Wad58, JL94, LA03, GREL96, Has00a, Has00b, HF95, HFS99, KP98, LKKH99, Mit92, TVG00, Tuk48, ZLC04].  
**Square-Rooting** [Maj85, RGK72, KK98, Liu95, Par99, WG92].  
**square-roots** [BH99]. **Squared** [HP67, HP85, eL76, OW68].  
**Squarers** [WS05a]. **Squares** [Maj72, Sto41, Rei86, SL63].  
**Squaring** [Kar84, Sar60]. **squeeze** [Mar77]. **sries** [Del84].  
**SRT** [BH01, HF95, Kor05, MMH93, MC93, MC95, Rus13].  
**stability** [Gus84, Spi85, YH89]. **Stable** [Gus85, Fet74, VC06b].  
**stacks** [Dem89]. **Stages** [PZ95]. **Staggered** [BHK09].

**Standard** [BBM84, Dri89, GB91, Kah80, Lóp00, Rum01, Sal92, AHM<sup>+</sup>98, DAV12a, DAV12b, Dri91d, Dri91a, Dri91b, Dri91c, Hou81, Kra88, Neh07, Squ91a, Squ91b, Squ91c].  
**Standardfunktionen** [Bra87, Krä87, Mül90, Rot70b, von80, von84].  
**Standardization** [CHG<sup>+</sup>11, DHL<sup>+</sup>04, Kul07, Squ91d].  
**Standards** [Lid01, Lid02, Mul82]. **Start** [Mar05].  
**Starting** [Eve63, Fik66, MM91b, Nin70, SF96, Wil70, Mou67, SF93a].  
**State** [IP87, Dem89, Roc82]. **static** [MI97]. **Stations** [WNO94].  
**Statistic** [Kra89, Pom74, Pom76]. **Statistical** [Mac89, Mat93, Sti88].  
**statistics** [Gom89, Mar88]. **status** [Ste08]. **Steed** [Bar82b, Bar84a].  
**step** [Spi85]. **steps** [MC91]. **Stepsize** [Ske86a, Ske86b, Spi85].  
**Stieltjes** [BB82, Cha80, KC11]. **Stirling** [Spi71]. **STO** [LDP93].  
**Stochastic** [Sob88, BW89, Ebe89, Gly89]. **Stokes** [HBS00].  
**Störungsreihe** [Hom96b]. **straight** [Rah01]. **Strange** [GS82b, Wen09].  
**Strategies** [BBC98, BBC00]. **stratified** [Kre89]. **stress** [SC81].  
**strictly** [Whi82]. **Strong** [Ebe89]. **Strongly** [Sal92].  
**Structure** [CET62, EC79, Har77]. **structures** [FS96].  
**Struve** [Abr64b, New84, Olv67].  
**Student** [Hil81a, Hil81b, eL79, Hil70a, Hil70b, Hil73]. **studies** [Har77].  
**Study** [OLHA95, Sun71, Bre78c, GK70a, Gau11, Per85a]. **Subject** [Ano68].  
**Sublinear** [BW89]. **Subprograms** [Kuk71].  
**Subroutine** [Amo83, Bre82a, Kod08, Col80, Col84, Tal83, Tal84, Tal09].  
**Subroutines** [ADW77a, ADW77b, Amo78, Cod75, GN89, Alh00a, Joh88, Sca71, Die83]. **subsequences** [BDGB83]. **subsets** [Ubh89].  
**Subspace** [Ovt03]. **Subsystem** [IBM05]. **Subtractive** [SL95, Ste89, LO95].  
**such** [BO75]. **Suggestion** [Bak76]. **suitable** [MT72].  
**Suite** [Liu87, Tan90b, Tan91a]. **suites** [Del81]. **sum** [Bus74, SL63].  
**summability** [Mül93].  
**Summation** [Deu76, Gas81, Hom97a, Sid06, Ver67, Wen10, Hom99, KK98, Lew94, Liu95, Ng68, Ver77, Wen89, Wen01, WN09, Woź10].  
**Summations** [Gla81]. **Summer** [HUY07]. **Sums** [Dub83, Lir71, MM83, UE05, BG84, Büh03, CG89, Har77, Kra95, QW06]. **super** [Mag94].  
**Supercomputer** [WOG95]. **Supercomputing** [Ano91, IEE91].  
**Supplement** [Ske86b]. **Supremum** [CJL09]. **sure** [Wil96].  
**Surface** [DR94a, DR94b]. **surfaces** [Lit83].  
**Survey** [Bre78b, Fra65b, Gau75, MM90, Lew44]. **Sussex** [IEE89a].  
**Switzerland** [Lak96, T<sup>+</sup>97].  
**Symbolic** [ACM89, Bro07, Car99, GI01, Lak96, Sko04].  
**symbols** [Gun65b, Gun65c, MS82]. **Symmetric** [CG94, Lóp00, Ovt03, SS97b, SS97a, SS99a, SS99b, ZC70, Fuk12, Kru99].  
**Symposium** [ACM89, AGL93, Ano91, Atk79, Bro07, BCDH09, BC01, ES89, Gau94, Hwa85, IEE78, IEE81a, IEE81b, IEE89b, IEE05, KM95, KK99, KM91, KM07, Lak96, LMT97, MT85, SO11, SC01, SIJ93, Tra76, MT86].  
**synthesis** [BT99]. **Synthesisable** [BH07]. **Synthesized** [AAHTH10].

**System** [ACG<sup>+</sup>87, Kor11, Kuk71, MS94, OTY91, Rot70b, Spr00, Her82, Ise94, Kaz65, KR86, ACG<sup>+</sup>86, Fik66, Mar90]. **system-theoretic** [Her82]. **System/370** [ACG<sup>+</sup>87]. **System/360** [Fik66]. **System/370** [ACG<sup>+</sup>86]. **System/6000** [Mar90]. **Systems** [Bra65, Fri72, Mey01, NKY08, Sin95, T<sup>+</sup>97, VDR05, Dem89, Gly89, LP83, Roc82, Bra87, SM70]. **systolic** [EM86]. **Szasz** [Sun88]. **Szego** [Rus88].

**T.** [T.57]. **Table** [Bea58, Car87, Car88, Car89, Car92, Coh12, Fet81b, Fet81a, Ful81b, Hea65, Köl97, Lon59, Sal51b, SS97b, Sou57, SS99b, Tan89a, Tan90d, Tan91b, Tan92, TM68, Car91, Par99, T.57].

**Table-Driven** [Tan89a, Tan90d, Tan92]. **Table-Lookup** [Tan91b].

**Tables** [AS64, AS10, BA44, Ben83, BC62, DK77, Emd40, Emd45, Emd48, Emd59, FC64, LJ13, Luk71a, Luk71b, Luk72, Nis84, R. 43, Rus13, SS97a, SS99a, SZ05, Uni49, War60, Bar72, CH78, Lut95, Sal76b].

**Tables-and-Additions** [LJ13]. **tablitsy** [Bar72].

**Tafeln** [Emd40, Emd45, Emd48, Emd59]. **tail** [Fet74]. **tail-end** [Fet74].

**tailored** [CR08]. **taking** [BH99, Str59]. **Tampa** [Ric92].

**Tangent** [KB67, Mar05, Pre78]. **Tangents** [Pre55].

**Tau** [ZB95, Zha95, Zha96, Rap94].

**Tau-method** [ZB95, Zha95, Zha96, Rap94].

**Taylor** [Mül99, SG02a, Sch76a, Sch77a]. **TC2** [Boi97]. **TC2/WG2.5** [Boi97].

**Tchebycheff** [Tho65]. **teaching** [BL71].

**Technical** [AGA<sup>+</sup>80, Moo67, Boe61, Boe62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, HKW60, Hea65, Hum64, JJ65, Lan60, Lon59, Mec68, SF59, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67].

**Technique** [Rob55, Vol59b, Vol59a, Dan77, Har77]. **Techniques** [CH70a, GT59, Mec68, Mul82, SH72, TBDS11, Cro92, Hon71, RN96, dDM06].

**Technology** [IEE99, Lid01, Lid02, LMS99]. **Teljakowskii** [Leh83a].

**teooria** [Jür66]. **Terms** [Tho65, UE05, MV98, Sko05].

**Test** [CHG<sup>+</sup>11, Cod91, Cod93, Kah96, LL09, Liu87, Loz96a, Loz97a, Tan90b, Cod82, Gom89, Sid06, Tan91a].

**Testing** [Sch77b, Tan89b, Tan90a, Wil96, Kul07, LMS73, Squ91d, VCV01].

**Tests** [Par06]. **Texas** [IEE85, Koo91]. **text** [BW10].

**th** [CL11, CH89, Kog59, Rei69]. **theatres** [Sho86].

**Their** [Amo73, AVV90, Dan82, Ike75, Ike76, Luk69a, Luk69b, Tan91b, Wim81, Amo74, Ban01, Bar82b, Bar82a, Bar84a, Coc65, Dut86, FLO04, FKY86, GG08, Gau11, Jam89, Kor02, Leb72, McN73, MKS83, Neh07, Rit25, Sal51b, Sam02, Sau93, SC01, SO89, Sun88, Tem79].

**Theorem** [Bor02, SG02a, Bor82, EC79, Leh83a, Leh83b, Rus88, CK88].

**Theorems** [Wig67, Coh12, MO49, MOS66].

**Theoretic** [Ike76, Tal68, Her82, VB81].

**Theoretical** [AKS01, Sun71, Wen09].

**Theory** [Che70, IEE89a, IK05, Jür66, Mos72, Sid03, Squ70, Tan89b, AAS93, BG84, BW00, BR91, Car82, CT88, Fog51, GI01, Håv81, KS04, vdD88, Mil68,

Per85a, Ric88, Var95, Vil88, Vla02, Ask75]. **Theta** [MT64b, BG84, FNC75].  
**Thiele** [Mak80]. **Third** [Boe61, Car88, Fet65, Fra65a, GST02d, Tem75a,  
 ZC70, Bul69a, Koo91, Lev91b, Bor02]. **third-order** [Lev91b]. **those** [Tem79].  
**Three** [Per85a, DR89, PS79]. **threshold** [Lit89].  
**Throughput** [AFC10, CCC96]. **Tight** [TBDS11, BMST97, Wil96].  
**Timan** [Leh83b]. **time** [Ebe89, Kre89, LP62, MC93, MC95]. **time-** [LP62].  
**Timed** [MIT<sup>+</sup>95, CCCP99, GREL96, LKKH99, MI97]. **tiny** [SG99].  
**together** [Rot70a]. **Tokyo** [Lav80]. **Too** [Kah04]. **tool** [VCV01].  
**Topics** [Mil75]. **Toronto** [Hea65]. **total** [JMS98]. **Totally** [HR88].  
**Tour** [Sri07]. **Traces** [Tem83b]. **Trade** [Kuk71]. **Trade-Off** [Kuk71].  
**tradeoff** [CL00]. **Tradeoffs** [WN03]. **Trans** [Joh87b].  
**Transcendental** [FB91, Fil66, HKST99, Lir71, LASC95, Nav83, ST99,  
 VVA09, Zuc64, Car69, Eps75, GS88, Ng68, PS77, PS78, PS79].  
**Transcendentals** [Har09a, LMT98]. **transfer** [GK89a].  
**transform** [AGJ86, Ell83, GM84, Wie99].  
**Transformation** [Fet65, Bul69a, Fuk10, Hom98b, SS10, RDK98].  
**Transformations** [Hom97d, Ng77, Sal89, Wim81, Jam81, Lev73, KR86,  
 Sko04, Wen89]. **Transforms** [Olv91, Ano93, BB82, CR08, FW85, Gus85,  
 KS04, Mac72, Tal83, Tal84, Tal09]. **Translation** [Bai93].  
**Transmutation** [Car82]. **Transportable** [Cod82]. **transzendent** [Fil66].  
**Trapezoidal** [Ric73]. **treatise** [MS67, Sen67]. **Treatment** [Frö55, Hit75].  
**Triangle** [IEE89b]. **triangular** [Kru99]. **Tricks** [Bli97].  
**Tricomi** [MMV81, Tem83b, Wim74]. **Trig** [Sal92]. **Trigamma** [Spo94].  
**Trigonometric** [Bur64, Fow93, LaF54, Lew69, R. 43, Rob55, Sal51b, SR53,  
 Smi95, Vol59a, Kan96, LK73, Sch80]. **Trinomials** [RHMLL08]. **triple** [CS11].  
**Truncated** [WS05a]. **truncation** [Bor10, McC74, Wen07].  
**Tschebyscheff** [Hol69]. **Tschebyscheff-Approximationen** [Hol69].  
**tsifra** [LP83]. **tsifroiv** [LP83]. **Tübingen** [SO11]. **Tucson** [DM08].  
**Turin** [AGL93]. **Turkey** [HUY07]. **turning** [PA86]. **Tusnady** [Ein89].  
**tutorial** [Glo89]. **Twenty** [MS94, Sin95]. **Twenty-Ninth** [Sin95].  
**Twenty-Seventh** [MS94]. **Two** [BK78, Ben83, Boe61, Boe62, Car92,  
 CVV65, Has66, MG89, MPG92a, MPG92b, MS68, Sch84, SG99, Sol69, Sor94,  
 Wad58, Wre68, Wre73, Cro92, Das94, GST02b, GST02c, Gla74, GM88,  
 Max91, PS77, PS78, QW06, Sue99, Yey92, Gus78a].  
**Two-point** [MG89, MPG92a, MPG92b, Cro92, GM88]. **Two-Sided** [Sch84].  
**Type** [BJG<sup>+</sup>99, CG89, Fdi97, Håv79, Hau88, Hom97d, Lev91b, LW82, Pas92,  
 Vai89]. **Typed** [Sal92]. **types** [EMR82a].  
  
**ultimate** [dDEG05]. **Ultra** [EMR82a, EMR82b, KO94].  
**Ultra-arithmetic** [EMR82a, EMR82b]. **Ultra-high** [KO94].  
**Uncertainty** [Sle64, Sle78, LP61, LP62, SP61]. **uncommon** [Mac96].  
**Undecidability** [Wan74]. **Undecidable** [Ric68]. **under/overflow** [LM07].  
**Unified** [AFC10, AS10, AM78a, NKY08, CL94a, CL95, Håv81, HTHR94,  
 Hit75, NU88, Wal71].

**Uniform** [MR71, Olv91, Tem75b, Tem78, OG82, Rei86]. **Unifying** [Par06].  
**Unit** [BS98, Min70, Nan11, ZG87, ALB98, BBC<sup>+</sup>91, Büh87, Büh92, Büh03, BH01, Che71, DR04, LM99, LKH93, Lew85, Lew87, MI97, MS82, TRHH94].  
**Unitary** [Leh96]. **United** [Boi97, IEE89a]. **Units** [WS06, OJ04].  
**Univalent** [SO89, Rus88]. **universal** [HSW89, Rix82]. **Universeller** [Rix82].  
**University** [AGA<sup>+</sup>80, Ask75, Bro07, HUY07, Hwa85, IEE89a, IEE81a, IEE81b, IP87, Tra76]. **unlimited** [HTHR94].  
**Unrestricted** [Bre80a, CO86, Olv80]. **unstable** [AGH89].  
**Untypical** [Pas10, Pas11]. **Upper** [SS98, BW89, Cha82, Fet79].  
**Urbana** [Hwa85]. **USA** [BCDH09, ES89, IEE05, LMT97, S<sup>+</sup>93].  
**use** [Epp89, Mim88, Mit92, Phi79, Wil71]. **useful** [Vep08].  
**User** [???90, Ful81b, Ful81a].  
**Using** [ACM87, ELMT00, GST03, HFT94, Kog57, Kog58b, Kog58a, Kog59, Len76, MIT<sup>+</sup>95, MKY92, OTY91, POMB05, PZ95, Pri75, RGK72, RS81, Sal76a, Sal92, Sar59, SG02a, ST07, SF93b, SLZ05, SDP11, Tra60, VVA09, WS05a, WS05b, WG94b, WOG95, dDLM11, von84, AAHTH10, Bai88, Ben98, BMZ06, BZ92, Che81, CKL89, CA00, CP99, Dem89, Ekl01, EM86, FLO04, GST02a, Gra02, Gus85, HBS00, Hon71, HFS99, KK98, LKKH99, Liu95, MMM93, McC77, SH72, Saw02, Spe72, WG92]. **UX** [LMOT01].

**V** [Sch73, Sle78]. **V.** [Kon76, Rac82]. **VA** [S<sup>+</sup>93]. **Vacuum** [FR76].  
**Vacuum-Polarization** [FR76]. **Vail** [BC01]. **valid** [RX07].  
**Validated** [CCV11]. **Validating** [Ull90].  
**Validation** [AAS93, CK89, Squ91c].  
**Value** [Cas83, Fri67, AO08, Cro92, JS89, Mat90a, Spi85].  
**Valued** [Mat04, PS11].  
**Values** [BY07, Cle69, DJ67, Fri72, GB68, HP62, HKW60, MM91b, Fet81a, FW80, Fra81, Fuk09b, KWY07a, KWY07b, Mou67, Pré10, RX07].  
**Vancouver** [Gau94].  
**Variable** [CET62, Fra65b, HA85, HA86, LE95, Ric68, Sal51a, Ske86a, Ske86b, SLZ05, Won73, XL94, Gon52a, Gon52b, Jür66, MY91, Ric88].  
**Variable-Precision** [LE95]. **Variable-Stepsize** [Ske86a, Ske86b].  
**Variables** [Boe62, KS88, MH72, Sho86, Sue99]. **variates** [Mar77].  
**variation** [GK89b, Zie89]. **various** [Ism77]. **Varna** [RDK98].  
**varying** [Was89]. **Vector** [ACG<sup>+</sup>86, NKY08, ACG<sup>+</sup>87, BCK<sup>+</sup>93, JS89, KK98, Liu95, Mat92, TRHH94, Gun65a]. **vector-arithmetic** [TRHH94].  
**Vegas** [AFI69]. **venue** [IEE89a]. **Verfahren** [Hol69, Sch68, Die83].  
**Verification** [GBKK09, LO95, Rus13, SG02a, AK93, Saw02].  
**Verified** [BDL09, DLM09]. **Verifying** [AAHTH10]. **versions** [LW89].  
**Very** [BHK09, LM95, LM99, Mit92, Sch80, ALB98]. **Very-High** [LM95].  
**VFP11** [BH07].  
**via** [Bor10, CT88, GRS87, Gly89, Har09a, Hig93, JKMR11, Sal89].  
**View** [DGS65, Mey01, Ano67]. **Virtex** [WN03]. **viscous** [Joh83].  
**Vistas** [CKT07].

**VLSI** [BV85, IEE89c, LC96, LD89, MMW91, MM91a, MM92, MMH93, Ste89].  
**Voigt** [Rei69, ZA11]. **Vol** [Laz85, MS94]. **Vols** [BC62]. **voltage** [HFS99].  
**volume** [IK05]. **Vychislenie** [LČJ63, LP83, Saa91].

**W** [Coh12]. **W.** [Ker83]. **Waterloo** [Bro07].  
**Wave** [Abr64a, Boe69, CP70, Frö55, Gau66b, Gun67, Ike75, Ike76, Low64, She76, Sle64, Sle65, Sle78, SG72, Vos73, BFSG74, BFSG84, Gau69b, Hum85, Köl69a, Köl69b, Köl69c, Kre89, LP61, LP62, MC04, RX07, SP61, SS65].  
**Wavefunction** [Bar76, Bar84c]. **Wavefunctions** [Köl72d, She74].  
**waves** [Ehr89, MKS83]. **weak** [Wil96]. **Weakly** [Zie89].  
**Weber** [GST11b, Olv67, SGA81].  
**Weierstrass** [T.57, Eck76, Eck77, Eck80, Lin79, Sou57, Sou64]. **well** [Vai89].  
**well-behaved** [Vai89]. **WG2.5** [Boi97]. **Whittaker** [Lau73].  
**Wide** [BHK09, MMNP91, MV98]. **wide-range** [MV98]. **Wiener** [Deh89].  
**Wigner** [Tal68]. **Wilhelm** [Wig67]. **Windsor** [SIJ93]. **Wisconsin** [Ask75].  
**Wisconsin-Madison** [Ask75].  
**Without** [Kah99, Sar59, Tra60, EL89c, EL90].  
**Work** [WNO94, Fer07, GG08, Tem83b]. **Working** [Boi97].  
**Workshop** [Bor02, Cow77, CDS00, DIW00, RDK98]. **workshops** [Koo91].  
**Worst** [LM03, PS05, SLZ05, Kra98]. **Wrigge** [Fra81]. **Wright** [Fet81a].  
**Writing** [DM91].

**X** [LDP93, HJ67b, LL09]. **X8** [Rot70b, Rot70b].

**Y-MP** [KB90]. **yield** [Mei83]. **York** [Fet81b, Köl97].

**Z** [Gun65a]. **Z80** [Kun81, Kun81]. **za** [LP83]. **ZEBEC** [KRVZ98]. **Zero** [BS98, ES99, Hit57, Pie84c, BF92, Bre75, Bre76b, Cha82, Gla74, MI97, MC93, MC95, SS65, Tes69]. **Zero-Balanced** [BS98]. **zero-finding** [Bre75, Bre76b]. **zero-overhead** [MI97]. **Zeros** [Abr45, Ano46, Bea58, BK78, Ben83, CH70a, CS82, Dor66, FO99, GKS04, Ike75, Ike76, Kol70, Kol72b, Tem79, Wan74, Wil68, Ben98, BPD81, Coc65, CK79, EL08, FLO04, FS92, FCC73a, FO93, GG08, GS88, GL83, HB75, KRVZ98, LG79, LM08, Par72, Pie84b, SG99, Seg08, SL83, SZW11, ZZ11]. **zeroth** [Wal84]. **Zeta** [BBC98, BBC00, HP62, Kol70, Lin79, Mar65, BS06, CHT71, Pré10, Sko05, Vep08, HG64]. **zur** [Die83, Hol69, Hom96b].  
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