A Complete Bibliography of Publications in *Numerical Algorithms*

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$(0, 2)$ [MP08]. $(1, 1) - q$ [MPC12]. $(1 - x)^{\alpha}(1 + x)^{\beta} + M\delta(x + 1) + N\delta(x - 1)$ [KW96]. $(2, 2)$ [ST22]. $(3, 3)$ [KCHD16]. (A, B) [KP96a]. (k, l) [Gut15]. (p, q) [JXX+23]. (R_1, R_2, R_3) [IDAV09]. (w, p, u) [Oua99]. $-2 < \alpha$ [DJ18]. $0 < q < 1$ [Mah10]. 1 [ATM19, Bea98, BCJ99, ICR06, JV98, Moh10, MK17, Pas92]. 1.5 [ST17]. 1/9 [MM00]. 11 [HvD93]. 13 [DL21]. 2 [AM98b, AEF+14, CJ17, CG19, DSI11, DL21, EL01, JV98, LZlL20, Sal17, TC05, VMMD21, ZYX19, ZYLN18]. 28 [Mar04b]. 3 [CL00, FHC21, GH09c, LG08, MFK+15, PMO05, ZJ08, ZS19]. 3(2) [RSKB17]. 3×3 [HN16, HM19b]. 4 [CVX16, NB16, PT18, Wri01, ZXRL11]. 4×4 [KH18]. 5 [LMUZ19]. 7 [MV02]. 8 [MV02]. $[-1, 1]$ [The12, TV17]. $[0, 1]$ [VC92]. ^{n} [Ple03]. ^{T} [Orb15]. $\{{}_1\Phi_1(\binom{1,1}{c,\gamma_j} and z)\}_{j=1}^{n}$ [dDL92]. ${}_3F_2(-n, b, c, e; z)$ [DJ02]. ${}_4F_3$ [DL01]. $_{\sigma}$ [LCZZ23]. A [But02a, FYYW19, MT13, MT14, MT19, ZD15, But96, Con93]. $A(p)X = B(p)$ [DMD16, Pop18b]. $A^{\mathsf{T}}A$ [Tou98].

$A_1X_1B_1 + A_2X_2B_2 + \cdots + A_\ell X_\ell B_\ell = C$ [hPwL09].
$A_1X_1B_1 + A_2X_2B_2 + \cdots + A_lX_lB_l = C$ [Pen13]. $A_iXB_i = F_i$ [TPY14]. A_n [Sid20a]. $A_{T,S}^{(2)}$ [Sol15, MGL20]. α [ASV23, Gar19, HY21, HS21, HSY23, IAH20, MA15, MP14, PDRG19]. $a \otimes 0$ [KR07]. $AXB = C$ [lLhYfD07]. $AXB = CAXB = C$ [jHyPlZ06]. B [But19, Cha14, GEP16, HZX20, LL16, LDL17, Mil17, FJT94, Gre96, Lai92, MRS93, Rab92b, Rab92c, Str93]. β [AL15, MP14]. $\beta < -1$ [DJ18]. BiCGstab(l) [SvF94]. C^0 [LY18]. C^1 [LRZ12, Gal93]. C^2 [ALY22, LM01, MS96]. C^∞ [Zhu21]. C^k [MS01a, MST03, NS01]. C^r [ARTY20]. $\cos(z)$ [VC00]. d [MDH16, dR99]. D^m [GLRSG08]. D_ω [MM08a]. Δ^2 [Sab92a]. Δ_1 [MS01a]. Δ_h [CL13b]. E [Bag16, GS19a, MP92]. $E_\nu(x)$ [NP18]. ϵ [BRZ17, BRZ19, BRZS23, CGM93, GCFF95, Le 92, Mat92, MN11, Sal96]. F [AUA22, HLL22]. $f(A)b$ [Dea15]. G [But15, Hil10, SCS18, YAT20]. G^1 [Poc14, CLaL00]. $G^{k,l}$ [GLW16]. γ [Kar00]. GC^2 [HvD93]. H [Cve06, CK06, LZ14, WPL18, Bar13, BX19, LH23]. H^{-1} [Liu21]. H^1 [FHC21, LR18, LZlL20, LCZZ23, ZJ14, GM06]. H^2 [Ber93]. H^∞ [DHS97, DI11]. H_+ [RWTW19]. hp [CVX16]. i [Fue07]. ∞ [PW14]. k [BCL00, HVMT17, OLB94, Wat93, Wat94]. L [BM14, CMRS00b, CRS04, HASI23]. L^1 [ART14]. L^2 [LCH20, MG11b, BM94]. $L^2(I) \oplus \mathbf{C}^2$ [AT19]. L^∞ [LKQ23]. $L^\infty[0,T]$ [DN24b]. l^p [BR21, LI10, Cro03]. l^q [BR21]. l_0 [ZPX21, MH22]. L_1 [GGNF17, GGN18, WYZ22, MG18, AGN07, Gaj05, PW04, ASW06, AS08, BL93, BL95, GH95]. L_1C^1 [GGN14]. l_2 [MG18, Meu05, KLZV95]. $l_{2,p}$ [LZ22b]. $L_2^{(m)}(0,1)$ [BHS17]. L_p [BGS24a, Wat94]. LDM^{t} [TS92]. LL^T [BSB23]. LU [ZWLZ24]. M [GL04, Guo13, Laz99, PWCsL18, Rab92b, Rab92c, THS20]. $\mathbf{R}^2$ [Ave20]. $\mathbf{R}^n$ [AHL20, MTTC22]. $\mathcal{B}$ [CHY19]. $\mathcal{H}$ [LLQ17, XZZ19a, XZZ19b, LW20]. $\mathcal{H}_+$ [WCW20]. $\mathcal{KS}$ [WMCW21]. $\mathcal{M}$ [BHLZ21]. MB [CLWV15]. μ [CCZ23]. N [BJT24, Don13, HKKN12, Lor19, Sha02, Sha19, WSZ21, LB93, Li95, Sid20a, WZ15a, dDL92]. ν [KK00]. $O(h^6)$ [RGJ10]. $O(n)$ [Khe16, MR09, Pol10]. $O(n^2)$ [Góm99, Góm01]. ω [JM00]. Orthomin(k) [Tou98]. P [IUM$^+$19, KS20, LLY22, PFT98, ADN17, BHM05, BX19, CL11, CSFC04, Ern00, GL20, ML10, Col92]. $P_*(\kappa)$ [Khe14, SD20]. $P_*(\kappa)(\kappa)$ [AM13]. P_1 [OMW21]. $P_n^{(\alpha,\beta)}$ [DJ18]. ϕ [Jaw22]. π [Kal00]. ψ [JM00]. q [AH17, CW08, GA08, GS19b, KG23, KJG23, LGA$^+$00, LWG18, LQ16, Mah10, MP14, MAK20, Ost07, SC18, dDL92, KL91]. $q > 1$ [Ost07]. qd [DMS09, DS12, EAB20]. QR [DM22, Hua18, ZZ22a, BH92b]. QZ [MVVV24]. R [Chk20, WK13, Gaj05, HW00]. $r > 1$ [ARTY20]. R^3 [Caç10]. R^d [Gaj05]. R^n [Wat06]. r_1, r_2, r_3 [ED22]. R_{II} [BPR20]. $\mathcal{J}$ [Hom98b]. S [SKK21, SCS18, MAL04, Tou98, ZWG18]. SB [DLL13]. $\sin(z)$ [VC00]. t [HHLS21a, HHLS21b]. τ [lLHNS23, Reb97]. θ [LDL$^+$19, Zag92]. θ_2 [Sab92a]. $\tilde{d}^{(m)}$ [Sid20a]. u [AL15, DLR24]. $U(a,b,x)$ [GRAST23]. ε [Ber14, SGM02]. φ [JP14, LCL21, MWsC19]. $|\gamma| = 1, \sum d_n < \infty$ [Thr92]. W

[Góm01, ABM10, Góm99, GLV05, LG08, LL22a]. **active-set** [ABM10]. **Adam** [Iid24]. **Adams** [CVA01, DFF04, LRY18, MJ20, MG11a]. **adapt** [ART19]. **adaptation** [Pol10]. **Adapted** [LW13, CYM22, KK16, Lin05, YW17]. **Adapting** [SH12]. **Adaptive** [ASGJ+20, AKKT16, AKQ17, CMR03, DZ01, FGP91, HSZ03, IJE15, JR10, Kac18, KLT03, KL22, KLS17, Kun05, LHZ+21, LGC24, MRV23, Mal21, MSZ20, NR14, SW00, SC03b, Söd02, SVZ05, Sti18, WO00, YYZ22, ZS03, ZZL17, ABB15a, ABB15b, And18a, AV19, ASHF21, AEF+14, BKR18, Bac20, BD17a, Bno21, BMV09, CR96a, CHY19, CM99, Das19, DDG05, FSY23, FS21, HHHN07, HOW95, Hei07, IL05, JA22, KE16, LY18, LLC20, LH23, MAS17, MD21b, MKBY19, MC05a, MS23a, MP13, Moo07, ODL21, PSZ23, PS22, PSW11, RFS23, RTTH22, RT24, SSH+19a, TKSG23, TG20, WQ23, XZZ22, YF22, YHS18, Ye96, YZLC24, YQM16, ZHSX23, ZH17, ZH19, ZW15, ZZWK12]. **Adaptively** [Lun23, BK08, WHS23]. **Adaptivity** [Coo03]. **Addendum** [BRS92, SS01a]. **addition** [GWBC20, MW16]. **additional** [GP05]. **Additive** [BCW13, CZ94, CZ95, CGV22, Axe99, BB14b, CZ96, CG19, KLL10, LZ19a, MKBY19, NG23, NT21, Prz16]. **addressing** [ST21]. **ADI** [BKS13, BPS23, DZ13, DW22, He16, QQX23, SzS21, YWWR12, ZWFY19]. **adjoint** [BN18, Fly22, GNS22, JCH23, LG95]. **Adjusting** [CZH22]. **adjustment** [LHZ20b]. **ADMM** [AG23a, BBC21, BF20, BDD20, CWHL20, PV23, SW24b, XYZ14]. **ADMM-based** [BF20]. **Adomian** [GNH10]. **Advanced** [Ano93, BvLP16, SAC18]. **advection** [AD22, ETY98, GM06, HZPW23, HLTA16, JBJB17, MA13, PED15, SLA11, TL24, dFO11]. **advection-diffusion** [AD22, ETY98, SLA11]. **advection-diffusion-reaction** [GM06, dFO11]. **advection-dispersion** [HLTA16, JBJB17, MA13]. **AE** [DMD16]. **AE-solution** [DMD16]. **aerial** [DIM22]. **aerodynamics** [BZ18, Gau12a, Gau13a]. **Affine** [NKS04, dFS04, AK16, BCK06, CR23, LZ18a, Ska13, SH17]. **affine-convex** [BCK06]. **AGE** [Moh10]. **agglomeration** [CL00]. **aggregate** [JYLC21]. **ahead** [BRZ96, RSCH+19]. **AHSS** [WZ13a]. **aid** [NR24b]. **AIDS** [DJM+18]. **AIDS-related** [DJM+18]. **AINV** [Meu02]. **air** [CV15, NZ19, HJ18b]. **Airy** [GST02, Tem97]. **Airy-type** [Tem97]. **Ait** [LGL23, ZWW21]. **Aitken** [BRZ19, CM92, GM92a, PC13]. **al.** [CN16]. **Algebra** [ARJ03, De 02, AR18, BM96, BCGVS11, Cha14, CDW95, GHP+00, Reb97]. **Algebraic** [HL03, Jbi03, KB02, Mai01, Tsu02, AM98a, AM98b, Axe99, ANA14, BCL00, BBQO07, Bel94, BEQOR14, BDH+13, CGPM00, Che16b, CNR15, Cou15a, Cou15b, EL01, GP99, GKRS22, Gau12a, Gau13a, GH09c, Guo13, GL23, Han22, HM22a, HM22b, HJ18b, IY15, ICR06, JH22, LS14, LN95, LT20, MS06, NK21, PT19, PV22b, Pié99, Pis16, Pog98, Sal96, Sid07, TFPG19, Yan95, ZY21a]. **algebraic/logarithmic** [Gau12a, Gau13a]. **algebraically** [Hil10, Kno23]. **algebras** [Kha13, Rob92]. **Algorithm** [BD02, BD04a, BS04, CM01, CCG01,

CSFC04, DZ01, DR04, Dos03a, DL04, Góm01, HSZ03, HC03, KS14, KPFG04, LJW17, MP02, MN01, OKP21, PS01, PW04, Rob02, Sab03, SGM02, SBW98, SC03b, Ska13, Tir02, Van03, AGS08, AG15, AA16b, ASW06, AS08, ALV20, AZ19a, AC94a, Alt21, ART19, AKB15, AM98a, AT12, AHL20, AJMP11, And06, And08, And10, And14b, And15, And18b, Ant18, AABTB23, AM13, AE18, AB23, BPR22, BHLZ21, BBC21, BC94, BG11, BD17a, BCK06, BGRS09, BE17, Ber14, BM09, BM24a, BH92b, BD00, BSF17, Bos21, BL93, BL95, BC16, BP93, BMV09, BS91, BZ94, BRZ19, BRZS23, BK16b, BK08, BF93, CL92, CDT10, CMD19, CMM15, CFR06, CP95a, CM99, CF05, CE94, CGHH21, CS94, CC06, CHHL18, CHH$^+$20, CPZ14]. **algorithm** [CC18, CCHH23, CM96, CRN19, CCJ99, Cho17, CGM93, Cor91, CHH93, CPS12, DDS93, DWZ14, DW15a, DW15b, Dax09, DIM22, DB98, DY93, DTI09, Den14a, DN24a, DM21, Dey23, DEM94, DGL06, DLYH17, DMS09, DS12, DF01, EG19, EAB20, EEM20, EM07, EO94, EG94, FZLL23, FLMR99, FGL19, FM93, FC01, FDV13, FYI$^+$12, FS21, Gaj05, GGV96, GV99, GHM16, GS19a, GH06, GH09a, GJV17, GL12, GWW15, Gha18, Góm99, GCFF95, GM97, GI10, GLW13, GZP18, GLC22, Gug96, GH22, Guo16, GEA20, Haj16a, HW00, HP18a, HHLS21a, HHLS21b, HDL23, HA16, Hie18, Hie19, HRAH22, HN16, Hof21, Hom92, HL23a, HL23b, HM18b, HM19a, HFW$^+$21, IS22, IR13, JL12, Jbi93, JJ13, JL16, Jia20a, JXX$^+$23, JWZ23, JLZZ23, JWCZ21, JA22, JRRS08, KSV23, KST06, Kar10, Ke21]. **algorithm** [Khe12a, Khe12b, Khe14, Khe17, KMA13, KLS17, KMS23, KLR07, La 17, LM11, LV15, Le 92, LDN16, LMV00, LL93, LLZ94, LWM10, LHZ20a, LCW23, LWLW24, lLhYfD07, LHZ20b, LRL22, LYY12, LS07, LYL15, LLLD17, LQ20, LCW21, MD21a, MR09, Md12, Mat91, MP92, Mat92, MS23a, Mel10, MS17, MSS18, MEJS19, MS23b, Meu97, Meu99, Meu05, Meu09a, MS14a, Meu20, Meu23, MMU20, MK94, MA22, Moh10, MN22, MN23c, MLM19, MvS09, MH22, MN92, NIN12, NP18, NS22, gOM14, OOO11, PSS10, PSWE23, Pan20, PW22, PV23, PSZ23, PYD23, PS06, Pet01, PH14, PDS$^+$23, PCDH20, PS09, Plo93, PW16, Pol10, PPV09, PP21, PSS22, QZG$^+$19, QXGZ20, QAS$^+$24, Rah11a, RT20, RTTH22, Rob98, Sad99, Sal96, SD20, SA14, SIE16, SS23a, SDMMK18, SH17, SS23b, SJ14]. **algorithm** [Soo15, SZ99, SU14, mTLbJlL14, Tom92, Tou98, Tra93, VH10, VH12, VZ93, Vep08, VMMD21, WZZ16, Wan17, WGZ18b, WZVJ22, Wan24, WCH15, WZS14, WZ23b, XZL12, XYZ14, XTH07, XW17, XH21, Yak94, YIY22, Yan17, YCL17, YLL20, Yan22, Ye96, Ye22, YCW$^+$19, YP23, YY13, Zag92, ZH22, ZBDK23, ZYGQ17, ZLQT19, ZLWZ21, ZZ22a, ZFH23, ZJJW24, ZGLH24, ZH19, ZZX$^+$23, ZDSY20, ZS22, ZLLC11, ZZWK12, dCOS21, dAR06, dC20, dC22, van93]. **Algorithmic** [Kub23, LM11, SAE19]. **Algorithms** [Ano93, Ano95c, AHKW04, BFGM03, BHM05, Bou17, Bre04, CGR12, CZ95, CLaL00, CP95b, DHJJ10, DF94, DHMS16b, EGSV04, GPP01a, Gau11b, HR03a, HSS04, JMS16, MCG$^+$04, NRS12, Sas93, Tov98, dSCS04, AH23, AN17, ART14, AL09, AV19, AMR15, Ari98, AHKW05, BKFMA11, BS21, BBQO07, BFK$^+$09, BFK11, BG24, BvLP16, BWC22,

BESC22, BEL23, Bra96, BRS91, BRS92, BRZ98, BRZ17, BN18, BM24b, BKL10, Buo17, CSI16, CSI17, Cal20, CPP14, CB13, CK20, CJK22, CH11, CvPS15, CCW21, CMWP20, DM98b, DG17, DHF21, DZS21, DLL+24, DB06, DZH23, Dur93, El 18, FHH05, FH05, GA08, GGN14, GMZ19, GPGC98, GST17, GL21, GLS+18, HLL22, HS20, HH05, HZ95, HR00, Ihs07, Iva17, IUM+19, JU22, JLX22, JY23, JCH23, JK19, JH22, JM18b, KP96a, Kar09]. **algorithms** [Kar13, KJC18, KR23, KPC20, KD18, KSW09, Kuh13, KLW+23, LY18, LL22a, LL20b, LCHH21, Luc06, LHW13, MP99, MVV05a, Mer92, MDR23, Mil18, Oar94, PKC18, PP16, PT17, PLH20, PW14, Pop18a, RTD+21, RT24, RR00, RW11, SKA23, Sab91, SCD+21, SKK21, Sal94, Sal05, SW10b, SI18, SSN+12, Śmi09, SW05, SJW21, Spr01, SBJC19, TKSG23, TQY21, TQW24, TG20, Tas93, Tem97, TH19a, TH19b, Thr92, TLD22, Vul97, WZ11, WYP23, WQ23, Wim99, WWM21, XZZ19b, Yan18, YWS20, YYZ22, ZTW19, ZLH22, ZFZ19, le 91, Pop19, PP17]. **aligned** [CT21]. **alignment** [XQZ24]. **All-at-once** [PQS22, HFDSC24]. **Allen** [CS22, HZX21, LZM23, LGC24, SZQS23, ZYQ+21, ZY23, ZQS24]. **Almost** [DM21, GMP92, GL19, LM17b, AAAA+18, BDH+13, CEX14, DFJP10, FHC21, HvD93, Van07]. **almost-uniform** [FHC21]. **Along** [CG03, DF94]. **alternate** [OdZdRV13]. **Alternated** [TQW24]. **Alternating** [BCN+16, BF17, HR05, JHLL15, LZZ19, Lui02, ZFZ19, AC19, Bno21, Bru93, CTS09, Che19, Cui13, HS16, JN99, LWZ18, LRL19, Ma20, NSM20, Now19, RWTM21, TYSY20, WLMA21, Zha15, ZZY18]. **alternating-direction** [WLMA21]. **alternative** [LCW21]. **Alternatives** [HHLS21a, SU14, HHLS21b]. **Always** [GA15, Gal18]. **American** [CL10a]. **Ampère** [BS19, SG10]. **amplitude** [Lin98, Lyn08]. **amplitude-phase** [Lin98]. **amplitudes** [Pan96]. **analogue** [HT16]. **analogues** [GA08]. **analyses** [LXZZ21, ZJ08]. **Analysis** [ABI20, Bac21, Bel03, BH01, BV96, CA22, DL08, DAM16, DZ13, DFF04, Flo03, FEK+23, GL04, HK06, Ila20, KS18a, KK16, LV01, Li96, LRL22, Lin09, MD21b, MM12, RS02, Sad05, SJ14, SJW21, TPLB22, Wei18, ZLW+13, ZKD04, AS10, AJ13, AG15, ALZ21, AR09, AH10, AMKV96, BD09, BD10, BVV14, BC05a, BM22, Bel99, BF00, BBd95, CWZ13, CR00, Cao12, CM99, CWL16, CCJC18, CWHL20, CDS20, Cou15a, Cou15b, Cui13, Das19, DJM+18, EG18, EHN17a, EHN17b, FY13, FHH05, FYI+12, GM20, GKL21, GS16b, Van12, Van17, GS21, GLS+18, HZPW23, Han94, HSTW14, Hie18, HD18, HZ20, HM19b, HS21, Ihs07, Iid24, Iva17, JSZ22, KXXW21, KCBT21, KR23, Ke21, KL17, KPC20, KGH14, KPS22, KKA17, LK20, LSX10, LW14, LWLW24, LM14, LZ15, LZ18b, Lin16]. **analysis** [LLL22, LGP11, LLLD17, LRY18, LWS18, LS20, LRM16, LZ22d, MA16, MP99, MV13, MV14, Man10, MR12, MM09b, MZ19, Moo20, MSMS12, Mot14, NIN12, NV21, NEMS14, NAA19, NR24b, OL23, PKC18, PH14, PK22a, PK22b, Pis16, PZ20, PSS22, QAS+24, RR08, RA12, RK11, RR22, SP21, SLW13, SMK14, SL21b, SW22, SDMMK18, Smi97, ST98, SLL22, TT21, Van19, VH92, WSK14, Wan15a, WZQ17, WXQ20, WYZ22, WZ22a, WLZ22, Wim00, WWD+12,

WC13, XXW17, YLYZ23, YWS20, ZCT19, ZJZ20, ZD21, ZYJY22, ZW22, ZLLH22, ZWLZ24, ZFX14, ZWX19, ZL17, ZLWQ09, ZLTA16, dC20, dC22]. **Analytic** [CCLi16, KK23, SVZ01, Ash19, AP21, AAH24, GS19b, Van17, HW18, HSL19, Pas99, Pet95, XCLA15, Yak94]. **Analytical** [AG03, MN23a, WXQ20, YX11, AS11, ALB+18, AHC05, BC17, CS12, GPAA14, HV15, KM09, LJ11, MFK+15, MSM12, QLZX11]. **analytical-numerical** [GPAA14, HV15]. **Analyticity** [Cro03]. **Anchoring** [Hag13]. **and/or** [FHH96, GLRSG08]. **Anderson** [And19a, HS16, LZOY22]. **André** [Bre06a]. **Andrei** [DW15b, DW15a, ZDSY20]. **angle** [HDL23]. **anharmonic** [EAGS20]. **Anisotropic** [vLV02, BM24b, CTS09, CS22, LHW13, VMMD21, Yua21, ZY13a]. **annihilator** [Cou15a, Cou15b]. **annihilators** [MJF09]. **Announcement** [Ano00c]. **annular** [BQ19]. **anomalous** [CLTA10, CC16b, MA12, SLLA15]. **ansatz** [HM22a]. **ANSI** [DCM+13, DCMM13]. **Anti** [Bou03, AR18, Spa24, YLY12]. **anti-bisymmetric** [YLY12]. **anti-Gauss** [AR18]. **Anti-Gaussian** [Bou03, Spa24]. **antitriangular** [BK16b]. **any** [MW24]. **Anymatrix** [HM22c]. **AOR** [BH22]. **Appell** [CL13b, CGN22]. **applicability** [AH11b, AGS20, HL06]. **Application** [CDF99, CP93, CP95b, DH04, GM03, HR14, KH11, PG05, RBN14, Rec01, SC03b, TC05, AAM24, AA15, AB98, ÁCL11, ALRT16, ABK22, ABKD23, AG00, BGRS09, BQ19, BHS14, BH17, Ber14, BGS24a, Bou17, BZ18, Bru93, CJKL23, CHH93, Cro92, CBGVPP09, DPR23, DPP19, DNR15, Fly22, FDFM23, Gás99, Gau12a, Gau13a, GHP+00, HVMT17, Ila20, JBJB17, Jia20b, LPXX19, MMV19, MK17, MP13, MSS11, NRV23, NAE22, Orb15, Pen98, PLH20, PPR15, PR93, RVF07, SK19, USAF14, VH92, VL19, WLL12, XyJl16, XZW13, XW17, Yak95, ZHT15, ZCGS24, BE98]. **Applications** [IMT02, MAL04, PL04, dFS04, vdHS02, AHJ17, ALW98, AR18, ABT07, AMKV96, Arn97, BGR23b, BBL22a, BJNKR20, BEJS21, BF18, Ber10, BZ91, BS92, BM96, BRS08, BRZ17, CM98, Ceg24, CRV91, CK06, Dah93, DG17, DJS20, EDAH12, FLG08, GCFF95, GL23, HL17, HSY23, JS15, JLJ22, KADE18, LS14, LG08, Leo08, LWwCL13, LWLW24, LZZ19, LZX22, LSY+23, MJJ+23, MBJ17, MA15, MRS93, MM08b, MM09a, MZ19, MS11, MvS09, MA12, Oar94, OOOR12, OB16, RFS23, RB21, ROB18, SKK21, SIO20, SS11b, SKJ+18, TQY21, TG20, Tas93, TA96, TRSI23, VS19, Wal94, WZVJ22, WYP23, WZ22b, YJJ+21, ZAGD22, ZJJW24, ZLZ22, dAR06, dBGKR08, Dra96]. **Applied** [CR03a, Jay02, LM04, AM01, BM22, DW21, GS16b, HHST19, MPS20, MS24, PV23, PRVI20, RSZ20, SSH+19a, SSH20]. **Approach** [CGN03, Kun01, MKO04, NPP04, NW04, Rob02, SR04, TDKB24, TRRD02, WHL24, AAN14, And97, ABV23, AD00, BDN17, BBO21, BQ19, BL92, BE17, Ber14, BR07a, BMS24, BN18, CCZ23, Cia94, CL96b, DZW17, DLC14, FPP05, FJ96, FGBP21, GPAA14, Gor18, GM96, Hal14, HZX21, HFZ19, HZX20, Kar07, KLT95, KADE18, KE16, KV07, LAG05, LZOY22, LJ11, Liu21, LZZ23, MS92, MdR08, MFBB23, MMLM20, OL21, PV22a, PZ20, QW08, Rab23, Ria16, RB17, Sal96, SL18, ST18, ST22, SW22, SS16,

SWG20, TCOA19, TCW14, VDVJB12, WZ11, WJW14, WZ22b, XCLA15, YXL18, YP09, ZHFW21, ZW20, ZE10, dFG93]. **Approaches** [MHZ05, AAB13, AE18, CB16, Kuh13, LP18, LL20c, LL22c, WMCW21]. **Approaching** [Rec01]. **Approximant** [DV01, Wen03, Van92]. **Approximants** [ACO03, Bou03, Dra02, MC05b, MC05c, AH17, BL92, BBPV12, BC00, Bre99a, BGVHN96a, BGVHN96b, CGV92, CAB22, CJTW96, DM97, GCGVH92, GMT92, IT93, Mat96, PP92, Sab14, TBA94, VB91, dDL92]. **Approximate** [AHC05, CA07, PM22, Sau07, vdHS02, ABG97, BD17b, CM99, CDD21, DBH21, EV22, FGM19, FP18, GK20, HN94, HK14, KST21a, KST21b, LL14, LL18, MKG24, Mil20, SW00, Śmi06]. **Approximated** [GCPG99, BRY14]. **Approximately** [DLYH17, GLW13]. **approximates** [SH21b]. **Approximating** [AH03, AF94, AT17, Bag16, DV01, Gar19, HC03, JB22, MT19, PDRG19, SR06, VBG96, Yak94, ASS11, Ash19, AP21, CM05, FRR07, GK24, LX17, SCTP00]. **Approximation** [All03, Ano95c, BG03a, CN01, CP01b, Cro03, CMP22, Dab04, GAM24, GCGF03, GLRSG08, GM03, Gro93, HL02, KLT03, Kva01, LM00, LRZ12, MN01, MAK20, PP05, PW04, PV03, RS93, SVZ05, Str02, VGM96, Wit96, ZKD02, AHM21, AMH10, AMA21, AAPR21, ALZ20, And97, ABV23, AG00, AGRT05, AAD14, BBL22a, BC06, BF20, BEJ20, BEJR23, Ber93, BK97, BG13, BM96, BM23, CCV07, CT93, CB13, CR20, CLT+13, Cuy00, CY10, Dar99, Des17, Die08, Dri93, Dun94, ED22, FGJ00, FZ07, Faz23, FM19, FM93, FT05b, Gaj05, GGN14, GGNF17, GH23a, GNS22, GA20, GH09b, GH95, Gla01, Gug96, GTA19, GI97, HH11, Haj16b, HW00, HGVPA92, Hof05, Hof21, HL23b, IAH20, IDAV09, IL05, JK18, Jaw22, JSZ22, JJK97, Kal00, KJ18]. **approximation** [KR23, KM24, KADE18, KLS17, KGN+24, KLR07, LGL23, LWK12, LKW17, LXX23, LCW20, LSM16, LWZ21, Lya97, MSCB93, MRV23, Maj13, ME95, Mel24, MS23c, MS15, NCC11, Ost07, PV22a, hPwL09, PGGC97, PS22, PS00, Prz09, Prz16, RIAA19, RS20, RS06, Reb97, Rei97, SI13, SS11b, SR22, SR24, SWG20, The12, TV19, Thi93, THS20, VH10, VC92, WC24, Wat92, Wat93, Wat94, XyJl16, XHZ07, XLC93, YD09, YH21, ZWWW20, ZZ18, ZLCW23, ZLZ22, dBGKR08, van93, Ano92, Ano93, DH18]. **Approximations** [EKM03, Sab03, Zil01, AB99, ART19, AGG17, Ber10, But96, CS12, Col92, CT21, Ell93, ED13, FW13, GV99, GO21, GGS22, HV15, JKNR13, JLP20, JL15, Lig93, LM15, Mac96, MK17, RB21, Riz18, Rob97, RRZ21, Sch14, SLA11, SHGL22, TV17, UTO07, WQL20, Xu19, YZ21, YX11, ZAGD22, Zha23, ZWX19]. **aquifer** [LCW20, SMNZ20]. **aquifers** [SFZ22]. **Arbitrarily** [ABI22, MKO04]. **Arbitrary** [BWC22, ANI+17, ABV23, VV07a, VV07b, FT14, Joh20, KKV22, SZ99]. **arbitrary-precision** [Joh20]. **arc** [FRR07, KOK21, SD20, YIY22, Yan22]. **arc-search** [KOK21, SD20, YIY22, Yan22]. **arcs** [AS08]. **area** [CKS16, FRR07, MW24]. **Argument** [Mat04, Bic24]. **arguments** [BS17, GRAST23, ZY21a, ZSLZ24]. **arise** [FS20]. **arises** [Ila20]. **arising**

[Cat24a, Cat24b, ICR06, JB22, TM20]. **beam** [QLZX11, ZP23]. **Beavers** [DMW23, WDL23]. **bed** [CDF99]. **behavior** [Bel99, KBP17, Meu20, MT23, TM14]. **Behaviour** [KZ03, AA16a, KGN+24, Sab92a]. **BEM** [ADL05, ADG10, AEF+14, VMMD21]. **BEM-Fading** [VMMD21]. **Benjamin** [ZJZ20, ZLS24]. **Bernoulli** [BBQO07, CD01, Rab23, ROB17, ZP23]. **Bernstein** [Bar13, BZS22, CAV23, CW21b, DPS18, Dra00, DMS09, GS16a, Her96, IR13, JBJB17, KADE18, LWAG08, Mah10, MPR22, MMV17, Maz99, Maz09a, MAK20, Not08, Ost07, Pej14, TS18a]. **Bernstein-type** [Maz09a]. **BertiniLab** [BNN16]. **Bessel** [BBZ95, HGVPA92, KXXW21, LM08, Mül00, Saf10, SS23b, SH23, ZAGD22, ZuI19]. **Best** [GGNF17, GH95, Van92, Zha95, AHS22b, AHS22a, BDIR18, Car91, ED22, GH23a, Hof21, IDAV09, IT93, Kow00, VC92, Wat92, Wat94, Zha23]. **beta** [GST17, KSV23]. **better** [GTA19, ZLLH22]. **between** [Cha14, DHS09, FLV14, Her96, MdR08, MSM12, TAM21, Wen92, YZH21, ZS19]. **beyond** [BM09, OIM21]. **Bézier** [CFR06, GS16a, GLW16, LWK12, LKW17]. **BFGS** [AB99, And18a, And22, BKFMA11, BK16a, BKA19, Deh20, LZ22c, LL07, Liu14, LTP18, VL19, WZ23b, You16, YLL22, YZLC24]. **BFGS-based** [WZ23b]. **Bi** [YWWR12, BC94, CBGVN07, PLVB11, SvF94]. **Bi-CG** [SvF94]. **bi-conjugate** [BC94]. **bi-objective** [PLVB11]. **bi-orthogonal** [CBGVN07]. **Bi-parameter** [YWWR12]. **bias** [MG22, YCW+19]. **bias-compensated** [YCW+19]. **bibliography** [Gau07]. **BiCGStab** [GM02, Sv95]. **biconfluent** [FS16]. **biconjugate** [ZD15]. **bicubic** [Bia94, CLaL00]. **bidiagonal** [CDW95, NIN12, YKY15]. **bidiagonalization** [BR06, BPP23, BJNKR20, JL21, JXX+23]. **bidiagonalization-based** [JXX+23]. **BIEs** [MSS11]. **bifurcation** [Bea98, CCJ99, Smi97]. **Bifurcations** [ARJ03, JJK97]. **Biharmonic** [AEG02, AB06, ALZ20, Bia12, BFKM20, BFK22, DG17, Gás99, HS21, LY18, LKK21, MK17]. **Bilevel** [ARSS19, dSCS04, Anh19, AT21, TQY21, TTLD20]. **bilinear** [WSZ21]. **binary** [GI10, KZ21, Str05, XCY21]. **binomial** [ASVC21a]. **Binormalization** [LG04]. **Biographic** [All08a]. **biomechanical** [AB98]. **Biorthogonal** [Ise96, Laz99, Bre99a, IN95]. **biorthogonality** [Da 92]. **Birkhoff** [BDS00, BCGVS11, GM92b, MT18, NB16, dS00, dDS00, dBD05]. **Bisection** [PL99, El 18, Mer92]. **bisymmetric** [hPwL09, YLY12]. **Bivariate** [CH95, CGN22, GM92b, Par16, PS01, SVZ05, ASV23, ÁFP07, AP21, CG05, CAB22, DL08, Len93, MMV19, Sch08, Thi93, VC10]. **BKM** [DR04]. **Black** [AWL+24, Cia94, KN23, Val14, Val15, ZZ22b]. **BLAS** [CCZ23]. **blending** [BDIR18, Zhu21]. **Blind** [DMT13, CPN14]. **Bloch** [CCJC18, Pas99, SYLT14]. **Block** [Bre02, BZ02, DM21, DP01, EJR02, GL04, GGV02, IS17, Jbi03, LS03b, LM21, NJ13, TT21, ZS08, AEH20, AHJ17, ALJLYJ24, Bag00, BR06, BCW13, BL23, BH22, BC06, Bel08, BH92b, BP19, BHS23, BK16b, CR99, Cao12, CW19b, CH22, CK06, DS12, DDRT97, EHTSM21, FP18, FDV13, Hem94, HL17, HM19b, Hua20, JSF13, LRC19, LZM23, LZ16a, LZ19a, LA22a,

LZ19b, Lin01, LSW16, LXQ15, Lun23, LZ22d, Meh11, NK16, RKMS16, RR20, RN21, Saa23, SS99, ST22, Sol23, Soo15, SW24b, TL23, Uhl22a, Uhl22b, VL19, WGZ18a, Ye96, ZD17, ZFG18, ZWY22, JCF15, CO94]. **block-centered** [LRC19]. **block-decomposability** [Uhl22a, Uhl22b]. **block-diagonal** [BL23]. **block-diagonalize** [Bel08]. **block-Lanczos** [CR99]. **block-tridiagonal** [Hem94]. **blocked** [CK20]. **blocks** [Hem94, HL17]. **Blossoming** [AH17, AHM21, GS19b, Maz02, Maz05a, FJ96, GS16a]. **blow** [Cho17, HZX20, QL12, WYZ22, WWL24]. **blow-up** [Cho17, HZX20, QL12, WYZ22, WWL24]. **blowup** [CD15]. **blue** [FS21]. **blurring** [ED13]. **BNS** [VL19]. **Bodies** [Mar04c]. **Body** [Sha02, Lor19, PPR15, Sha19]. **Boltzmann** [FEK+23]. **Bona** [ZJZ20, ZLS24]. **bond** [CS12]. **Book** [Ano95a, Ano97, Ano98a, Ano98b, Ano98c, Ano99a, Ano99b, Ano99c, Ano99d, Ano00a, Ano01c, Ano01d, Ano01e, Ano01f, Ano01g, Ano02c, Ano03a, Ano04b, Ano05a, Ano06, Bre96, Bre97b, Bre97a, Bre97c, Bre97d, Bre00b, Bre03b, Bre06b]. **Boolean** [ALW98, BD95]. **Bordered** [DM21]. **bordering** [CD96, CM99]. **Borges** [TS18b]. **Borwein** [HLZ14, HL15b, LLS11, MR96, MPB16]. **both** [ASZ23]. **Bound** [AAAS03, DR01, Dos03a, GA20, LPGL16, MT23, Odl00, PYD23]. **Boundaries** [KGD03, GK24, KZ21, ZLLH22]. **Boundary** [AKW02, AKKW03, Boy05, ED05, FHH05, MT04, Nac03, NMM18, RS06, SC03a, SA23, ALQ17, BK18a, ATM19, Ahu09, AR13, AHC05, ABL...12, ABI20, ACH19, AKPW05, AKQ17, Bac18, Bac20, Bac21, Bac23, BD17a, BQ19, BBB22, BKF20, BFK11, Bic24, BSF17, BCI14, CS99, CW14, Che24, CH11, CK22, CD07, Cro92, DD20, DD21, DMC20, DL21, EH97b, EM07, FY13, FHAL15, GD15b, GX19, Ghe13, Ghe16, Ghe18, Van12, HJB18, HCL21, JL12, JP14, JWY21, Kar15, KCHD16, KS12, KKS22, Kun05, LJ11, LZ09, LS15b, LSW16, LLC20, LM21, LRM16, LKKM15, LHW13, MS20a, ML20, MKA14, MMW20, MFK+15, MO19, MN08, ML10, Mot14, NZF11, NM14, PJ22, Rad08, RS20, RR20, RGJ10, RT19, RB17, SCF23, SSH19b, TS18a, TBY13, TPLB22, VT10, WZ19, WCM94]. **boundary** [XWX24, YSLH19, YH21, Yse99, Zah09, ZE12, ZA20, ZJ08, ZW12a, ZZY18, ZBX21, ZZ23, ZFX14, ZXLF15, ZS22, ZP23, ZZB20, ZS19, ZS13]. **boundary-domain** [RT19]. **boundary-layer** [Mot14]. **boundary-type** [CD07]. **boundary-value** [Bac18, Bac20, Bac23, KS12]. **Bounded** [LER03, PW04, Ber10, Coo09, Gaj05, Mül00, OKB23, ZLH22]. **boundedness** [Lóc18]. **bounding** [CR23]. **Bounds** [ADGP15, CRS04, Kol06, MW16, AH13, CMRS00a, CLWV15, CCL16, DLL12b, DLL12a, DLL13, Des17, DH18, DPS18, DBGB11, GWL18, GEP14, GEP16, GEP19, GS14, IDS16, JLMP16, JLP20, KG23, KK22b, LZ14, LS15a, LL16, LDL17, LZ18a, LCVL18, LWG18, LL20a, LYH+20, LZX22, MS24, Meu97, Meu99, MT13, MT14, MT19, PV22b, Pej14, PCDH20, RG10, Rum14, SS98, WW19, Yal01, YKY15]. **Boussinesq** [Bra07, HEOS04, LZW20, Nat07, SW14, SLT20, YSLL23]. **Box** [Góm01, KM04, HMS96, JJ24, KP09, Kim21, Kob97, KLB10, Lai92, LWM10, SEG14, Yan22, de 93, CFR06]. **box-spline** [Kim21, CFR06]. **box-splines**

Centrality [DMR21]. **Centro** [HR03a, LRT19, lLhYfD07]. **centro-invertible** [LRT19]. **Centro-Skewsymmetric** [HR03a]. **Centro-Symmetric** [HR03a, lLhYfD07]. **centroid** [Ron08]. **centrosymmetric** [GNT24, LHZ10]. **century** [Ste20]. **Certain** [ED05, SK04, CBGVPP09, CS08, KST06, Lu15, NW17, RA12]. **Certified** [Kie23]. **CEV** [YW17]. **CFD** [MHZ05]. **CG** [BH22, LP08, MT19, MPT21, MT23, Rah11a, SvF94, TT21]. **CGME** [Jia20b]. **CGS** [BS91, BZ94, CM96]. **chain** [GM23]. **chained** [LL16]. **challenging** [Gau08a]. **change** [Ari98, CMR93, FJT94, LEK21]. **channel** [MSMS12]. **chaos** [AE18, BK97, FM19]. **chaotic** [DJM$^+$18, GNH10]. **characterisation** [BCM19]. **characteristic** [ALW98, HZPW23, LDX23, LZ18c, Zha19, ZYJY22]. **characteristics** [BEM99, HHST19, Hu22, Si12]. **Characterization** [Bar91, KAL22, KGD03, CG09]. **charge** [LNS23]. **charged** [ZLQT19]. **Charlier** [HSL19]. **Chebfun** [AMR23]. **Chebyshev** [ABI23, Ano05b, AM16, AS14, Boy05, CCTV16, CKKT16, DG05, DDRS23, Dri93, Dze15, Fun01, GGNF17, Gem97, GS14, GI15, Gla01, Gu20, Gug96, IT93, JVH15, KD14, KSCS08, KL06, KRS19, KGMH21, KP03, LMM97, LL05, LSW16, ME95, MC05b, MC05c, Mas05, Maz09a, Meu09a, Mok16, Not95, OPSM22, Pet95, PG05, REM21, RS97, Rob98, Sar06, SW14, SS12a, SH17, SSP15, SVZ05, Som05, Spa24, Tas93, Thi93, WK13, WK14, WK15, WLJ24, WRM17, WK93, ZJZ20, Zha23, dR99, dAR06, dC23]. **Chebyshevian** [BCM19, Maz05b, Maz09b, Maz11a, Maz11b, Maz12, Maz18]. **Chelyshkov** [NRV23]. **Chemical** [KV04, Hol98, MB09, San14]. **Chen** [GNH10]. **Chipot** [KKPT16]. **Choice** [Alt21, AL15, BKA19, BVV14, BL95, CHK14, HRY16, HRY19, LKK21, RR13, Van92, YHS18]. **choices** [HM22a, HJ21]. **Cholesky** [BKS13, Bre06a, DDRT97, TT06]. **choose** [FEL15]. **Choosing** [CMRS01, CKL16, FZ07]. **Christoffel** [Mas95]. **Ciarlet** [LS20]. **CIR** [YW17]. **circle** [BCM07, BPR20, BGVHN92b, BGVHN92d, BGVHN96a, BC09, BSL18, CGM12, CMR16, DHS09, GHM08, JK18, MP08, MA95, VM17]. **Circles** [Mar04b, DHS09]. **circuit** [CDS20, Pen98]. **Circulant** [CO94, DNR17, FNS19, HW18, Lin01, Lu15, vdMRS06]. **circular** [AS08, ALZ20, HM06, Kar13, Kar15]. **circular/spherical/elliptical** [ALZ20]. **circumcentered** [BOW21, BBCS21]. **circumcentered-reflection** [BBCS21]. **Circumcentering** [BCS18]. **Civil** [CCK04]. **Clarke** [SR06]. **Class** [All03, ABQ04, DL03, GPP01b, NS01, Rec01, AD22, ALY22, AE09, AH15, AAH18, ATT22, Arg10, Bai97a, BH22, BHT16, CCJ10, CP95a, CZ20, CRN19, CKKT16, CRHTV24, Cro92, DS20, DZH23, Eba18, EY10, ES19, Fan22, Gar20, GS95, HH12, HT19, HSE16, Hie19, HL23b, HZ15, HM18a, HM19a, Hua20, IY15, JWCZ21, JSZ22, KS18a, KNBGV18, LYW14, LY17, LM19, LLY22, LZ16a, LA22a, LT20, LHL11, LPP21, LSSS15, LZ22d, MN23a, Maj14, MM08a, MM12, MS01a, Maz11b, MG21, MN08, NLT21, NEMS14, RS20,

RSCH$^+$19, SzS21, Wan15b, Wan19, YJX15, ZP17, ZQzS22, ZZB20].
companion [FDV13]. **Comparative** [CN17, SS12b]. **Comparison** [AFN16, AFN17, HR03b, Sab91, SU14, ANA14, BBBC20, CS12, FLV14, HMS96, MP00, MFPG07, PZ20, WZC23]. **Comparisons** [Zha23]. **compensated** [YCW$^+$19]. **competitive** [MAS17]. **Compiler** [ASS04]. **complement** [BBL23, Cao12, ST18, TA13, Zaf22]. **complementarity** [AJMP11, AM18, AM13, BD06, BZ13, CW19a, CLWV15, CHK14, DLL12b, DLL12a, DLL13, Don10, Fan22, GWL18, GEP14, GEP16, GEP19, HT16, HLZ14, IJSS16, JSZ22, JRRS08, KMZ18, Ke21, Khe14, Khe16, LLS11, LZ14, LL16, LY17, LDL17, LL20a, LYH$^+$20, LZOY22, LLY22, LZL22, LZL23, LHL11, LZX22, LWZ21, MG20, MG21, Mez22, Nie93, RWTW19, SWS22, SW24a, SG17, SG18, VPA24, WCW20, WPL18, WK20, WL22b, XZP$^+$20, YSXY19, Zha11, Zha15, ZZY18, ZY13b, ZLV17, ZV19, ZV21, ZZLV23, ZLLC11]. **Complementary** [CDD13, EL08, Zag24]. **Complete** [Caç10, KM13, LP18, NV21, Sut09]. **Completely** [MP22, Xu19]. **completion** [Dax17, DC17, GS19a, GWW15, LHZ$^+$21, WC23]. **Complex** [FKMS01, FH04, GST02, IMT23, JM93, Mat04, MKO04, Neh04, SS01a, ZZ17, AMH10, AMA21, ANA14, BBC11, BOP98, Bel99, BKS13, BPV13, CL11, Car95, CC16a, CW19b, DG17, DS20, DM92, FHH05, FLV14, FM93, For21, For22, FDFM23, Har20, HSE16, IS17, IT93, JLMP16, Joh20, LYW14, LM19, LA22a, LZ19b, MP08, PR93, Reb97, Ree92, Riz18, Sas93, SS01b, SSH20, WGZ18a, WZVJ22, WL17, XW18, XLW20, YWX14, ZD17, ZFG18, ZYW21, ZJJW24, ZWXX24, ZM16, ZZZ22, ZCG15]. **Complex-extrapolated** [ZZ17]. **complex-symmetric** [WL17]. **Complex-Valued** [Mat04]. **complexes** [FS20]. **Complexity** [AG15, CWZ13, Cor02, PH14, AG19, Ber00, GS21, KD14]. **complicated** [JYLC21, Yse99]. **component** [BDL$^+$12, CHS19, HNY$^+$18, PGGCGF11, Ter23]. **component-by-component** [BDL$^+$12]. **component-wise** [CHS19]. **components** [LNS23]. **Componentwise** [AMKV96, Rum14]. **Composite** [BE03, GS14, AABTB23, BC94, CS94, HL15b, LX24, RW06, Wan24, ZZZ20]. **Composition** [McL02, BC05b, BC01a, CHMT10b]. **Compound** [KM09, HKKN12, MK94, MK97]. **compressed** [HLL22, LWLW24, MJJ$^+$23, SIO20]. **compressibility** [JY23]. **Compressible** [Jan03, CL00, GB21, HMS96, Hu22, KLB10, LRC19, LCW20, Son93, YZ23, ZYGQ17, Zha19]. **Compression** [DV01, Som05, ART14, ALRT16, DF93, DBV23, FT05b, LHR20]. **Computable** [CMRS00a]. **Computation** [CGL01, CJTW96, CCK04, DVJBN03, DMRT03, DI11, DGST15, EDAH12, Esp05, EAGS20, FH04, FLH04, GRAST23, HR03b, INR01, JC04, LS03a, Lor95, MZ99, Sab03, SER02, ALW98, AM98a, ASVC21a, ASVC21b, Bec96, BBL22a, Bel94, BBP17, Bin96, BMV09, BZ91, BGVHN92a, BC09, BGZ20, CR00, CC07, Car95, CBGVPP09, DN24a, DHS97, DG94, Eba18, EGG08, EL01, FRJT09, FLV14, FC01, Gau11a, GH09b, GST21, HPS97, HMS96,

Ixa21, Joh15, Kar00, KV00, KHM20, LZ12, Luc06, MdR08, Meu97, Meu12, Mil17, MK94, MK97, NZ19, OR17, POP17, Sas93, SS23b, Sto93, TBY13, TM10, Uhl09, VB91, YZ17, Zag24, dC22, vdMRS06]. **Computational** [BD95, Cor02, Cuy00, DH04, Ste20, WLL12, ZAGD22, dSCS04, ABG97, ALZ21, BHS23, BZ18, DSI11, DP21, DEM94, ES19, Jai16, Jai17, JCF15, Mil13, MMLM20, Mon01, MWWY13, SGO22, WCB15, Zas22]. **computationally** [Liu11, Yan18]. **Computations** [CR03a, Gla04, ARY17, BESC22, CHYZ98, CM98, CFL19, FT05a, GS14, KFK+24, KM09, MT98, MPR22, MdR13, Tsi07, YHZ20]. **Compute** [WH04, AT19, GJV17, HYW20, HN16, Jia06, VC10, Van07]. **computed** [ICR06]. **Computer** [ARJ03, Reb97]. **computerized** [NAE22]. **Computers** [IM02, PH20, Con93]. **Computing** [AA12b, BM19, BBPV12, BM06, BIM+23, BS04, DY93, FS20, FHV15, GST02, GST03, GKS04, Gra03, HS03, Joh20, KP96a, LMV23, LNS23, LER03, MT06, Sch08, Sut09, TA96, Wal06, AT12, AHL20, BH92b, BK16b, BSB23, CDT10, CE17, CHHL18, Che94, Eft15a, Eft15b, EG19, ED22, EEM20, FGM19, FDV13, GLM15, GI10, GLC22, HHST19, HS16, HIK17, HJ21, IT93, Iva17, Jia20a, JXX+23, LMV24, LLZ18, LZ22a, MGL20, Maj18, MVV05a, MSS18, MEJS19, MS23b, Meu99, MT13, MT14, Mül00, NIN12, Saf10, SL18, SS12a, SS12b, Sol15, TLD22, Vep08, WHS23, ZJJW24]. **Concave** [KPFG04, JWCZ21]. **Concepts** [dFS04, Cha14]. **Concerning** [CJ04, dB07a]. **concerns** [SPV20]. **concurrent** [BBP17]. **condensed** [Bos21]. **Condition** [MZW20, TDKB24, And10, ACH19, Bag16, CWL16, CL10b, DL21, Dea15, DS09b, DBV23, DWX17, DP16, DMW23, FGP91, Gon16, GO21, KP96a, KKS22, KN21a, KN21b, LLC20, LJ22, MKA14, MV17, Ovi22, PJ22, Pie96, SA23, WK12, WSK14, WK14, WK16, WK17, WDL23, XWX24, XP23, YYZ22, Zha20, ZBX21, ZW22, ZP23, ZLWQ09, ZCS14]. **conditional** [GO20]. **Conditionally** [Str02]. **Conditioned** [RST03, Ant22, BJNKR20, DHS97, Ria16]. **Conditioning** [CS18, DP01, MT04, Ant18]. **Conditions** [CG03, ED05, KPT03, Mat01, Ahu09, AABM17, AH09, AH11b, AKQ17, BKF20, BSF17, CK22, DDP14, GZ20, Ghe18, GLV05, HVM15, Jay21, JP14, Kar15, KCHD16, Kol06, LAG05, LG08, LZ09, LLL22, Lin05, MS22, MFK+15, MSZ20, MKS18, TBY13, WK15, WZ19, YZY+14, ZYW17, ZS22, ZS13]. **conduction** [BM24b, GD15b, MS14b, VMMD21, WXQ20, ZLH21]. **conductive** [dOS07]. **cone** [GNT24, KMZ18, SMZMA18, YYL15]. **cones** [LZOY22, YZLP16]. **conference** [BV96]. **confined** [SFZ22]. **confirmation** [ZQL+19]. **confluent** [AGS08, GRAST23, POP17]. **conformable** [CCTV23]. **conformal** [PTW22, Tru24]. **conforming** [KP96b]. **Congress** [Ano92]. **Conic** [FM04, TO21]. **conical** [DGST15]. **conjecture** [KM13]. **Conjectured** [GL07, Gau08b, Gau09c, Gau09b, Gau11b, Kou07]. **Conjectures** [CD00, LR14, MS22, dB07a]. **conjugacy** [CL10b, LK20]. **Conjugate** [Ben99b, DLL04, WZ16, WSY04, AF23, AK19, ABK22, ABKD23, And08, And10, And14b, And15, And18b, AK00, BKFMA11, BKG15, BC94,

BGS24a, BF14, BE20, BE98, BF99b, BK08, CMRS00a, CS94, CL10b, DW12, DW15a, DW15b, DMA19, Don16, FHH96, GS14, Haj16a, HM18b, JLJ22, JM93, Jón93, LM97, LLL18, LZ22c, Liu11, LWQR15, LSY+23, LTP18, MJJ+23, Meu97, Meu99, Meu05, MT13, MT14, Meu20, Meu23, OAR22, PPPN23, Pla99, SLL22, SLL23, TTXZ23, WYP23, WHS20, YCL17, YHS18, YJJ+21, YWS20, Zha09, ZW12b, Zha20, ZWG18, ZLL21b, ZDSY20]. **conjugate-gradient** [FHH96]. **conjugate-gradient-type** [OAR22]. **connected** [DM98a, ZLH22]. **Connecting** [SER02, DFK97, LZ12]. **Connection** [MdR08, MdR13, Wim99, CLaL00]. **connections** [MKG24, Tov97, Tov98]. **connectivity** [CL96b]. **conquer** [KKM20, MVV05a]. **consensus** [Wan24]. **conservation** [AC17, Sar06]. **Conservative** [CG20, CJKL23, HZPW23, HVMT17, LRC19, LHZ20a, LKQ23, LDX23, WH15]. **conserved** [LZM23, YL22]. **conserving** [ABI22, BS14, LZW20]. **consistency** [Kub23]. **Consistent** [HL03, Sch09, AM98a, EL01, HK14, Hom94, Hom98a, SL18]. **Constancy** [TD09]. **Constant** [AAAS03, AH11c, BEH24, Che16a, Dra00, HFDSC24, Kar00, Odl00, Sîn07, Yak95]. **constants** [CYIB12]. **Constrained** [Ano95c, CT93, CPN14, Dos03a, Góm01, LKW17, ME95, SC03b, ABM10, AFN16, BGRS09, BGS24b, BMR21, BP93, BN18, CB16, CW21a, Car91, CB00, DEM94, Fab16, GO20, GLW16, GWL20, Gug96, HHF22, KLT95, LWZ18, LZL20, LWLW24, LSY+23, LPXX19, MBG19, MJJ+23, MAS17, MS20b, MN22, NK21, OMW21, Orb15, OL23, OKB23, ODL21, PV23, Pea13, PSZ23, Rei98, Rog95, SL18, SEG14, Sei98, Sla06, SG10, mTLbJlL14, Wan18, WCH15, WZS14, WZZ15, XP23, YIY22, YJJ+21, ZLWZ21, ZZ22a, ZLZ23, AFN17]. **constraining** [CPP14]. **constraint** [BPR21, CL96b, DHMS16a, HBP13, LHZ10, LCH20, LJ22, Pen13, PN21, WXT22, ZRZ11, ZLCW23]. **Constraints** [Str02, AAFL23, CLGS17, FGBP21, Gal93, HNY+18, JR20, JYLC21, Jos22, LWK12, LWM10, LF19, NPS09, PPPN23, WZ23b, Yan22, Zha95, ZW20, ZZX+23]. **construct** [Hal14]. **constructed** [BD20]. **constructing** [SBW98, YZ17, ZYBJ23]. **Construction** [BJ98, Bel94, BHS17, BJ04, CHH+20, KPR03, KPT03, LM97, NS01, TS18b, ANI15, ANI+17, AUD18, BCL00, BDL+12, Bou17, DR12, God15, KP22, Laz99, LSG15, MS01a, Mic91, MRU91, Pas95, Tur94, Wri01]. **constructions** [KSB08]. **Constructive** [MS96, SCTP00, XLC93]. **contact** [MZ19, ZZZ20]. **Contents** [Ano04c]. **contiguous** [Seg08]. **Continuation** [CCJC18, lLXhL22, BZ18, CR99, CCJ99, DC17, DFK97, HV98, Lin16, YYD14]. **Continued** [HLM04, Pas03, Van03, Arn97, Lor95, LM15, LSM16, Mor11, Now06, Now13, Pas92, WQ10, dB07b]. **continuity** [WK12, WK17, WXT22, YYZ22]. **Continuous** [CZ20, DJ10, JZ16, ZXRL11, ZLL+21a, ABB15a, ABB15b, AV19, BRW11, BX19, CG07b, EH97a, GGN18, HY21, JT96, LG19, LT20, Maz09b, SI18, Sun94b, YC22, ZY21a, ZSLZ24]. **continuously** [LGW14, TPLB22]. **contour** [IDS16, LG08]. **contours** [GLV05]. **contraction** [CL96a, Dey23, DLYH17, TVC20, VA20]. **Contractivity** [Cro03, KNBGV18]. **contribution** [XXW17]. **Control**

[BD03, BD04a, Cha04, Van12, MV13, Söd02, AJ13, ATM19, ART14, AMR15, ASHF21, BKPS93, Bla15, CB16, CW21a, CZH22, CM96, DTI09, DI11, EDAH12, EH97a, EM10, Fab16, FWC16, FJT94, Hof05, KS06, Kun05, KLR07, LWZ18, LZL20, LAN18, LCH20, LW17, LP20, MV14, MB06, NPS09, NEMS14, NAA19, OMW21, Pot19, PSW11, Ria16, Sla06, SR24, TQY21, VH10, VH12, Van19, VS19, WZ22a, WZS14, WZ23b, YF22, ZM94, ZZZ20, ZZ23, ZZ18, ZLCW23, Sla06]. **controller** [DHS97]. **Controlling** [NK16]. **controls** [PLH20]. **Convection**
[Bog02, BPR22, BS17, BEM99, COSE22, Che19, CEK21, CGL99, CJ17, FMD23, GLLJ12, GH09c, GO06, GO21, Kno23, LL22b, LZ23c, MS20a, Ngo23, NV21, RBN14, RT19, SKA23, Wan15b, Wan19, YJ18, ZZH15, ZLH21]. **convection-diffusion** [BPR22, Che19, CJ17, FMD23, GH09c, GO06, LL22b, LZ23c, NV21, RBN14, RT19, Wan19]. **convection-diffusion-reaction** [BS17, COSE22]. **convection-diffusion-wave** [Wan15b]. **convection-dominated** [MS20a]. **convective** [ASGGRG23]. **Convergence** [AUA22, AHVR17, BD10, BRZ18, BCN$^+$16, BRW11, BE03, CC12, CWHL20, CJ04, Cui13, Dos03a, DL09, Dur93, EHN17a, Fan19, Fan22, Gal22, GR01, HKE97, Hie18, HC03, JSZ22, Ke21, KR07, KGMH21, KP03, LWZ21, Ma20, Man21, Mat92, MM09b, Now19, PG12, Pas92, Pas03, Pas08, PLH20, Pop18a, RS02, SP21, SHLY18, Sid94, SDMMK18, Śmi09, SBJC19, SX00, THS20, Val15, VS19, WSK14, WK14, WK15, WC13, XZZ22, YLL20, ZY21a, ZSLZ24, Zil01, dDL92, AJ13, AL15, AC17, AABM17, AU08, AH09, AR09, AH10, AM16, AG17, AM18, Ari98, AC19, AK00, BBBC23, BOW21, Bic24, Bog13, BGVHN96a, CSI18, CZ96, CHHL18, CC15, CDG23, CL13a, CWL16, CJ17, CHMT10a, CKKT16, Cro92, CKS16, DW12, DEC24, DD21, Das19, Deh20, FLMR99, FT14, FS23, GS14]. **convergence**
[GO20, GM96, Guo13, HLL22, HVM15, HVMT17, HKKN12, Hom92, Hom98a, Hua94, HZ15, HM14, Iva17, Jai16, Jai17, JLP20, JWY21, KPC20, Kno23, KL06, KLL10, Kza97, Le 92, LKQ23, LWLW24, LZ15, LZ18b, Lin16, LLL22, LT20, Lin05, LQ20, LCHH21, LZ23c, LSSS15, MA16, MM17, Mat96, Meu20, MG11b, MS13, NEMS14, NAA19, Not22, NT21, Now06, Now13, Osa12, OL23, Ovi22, PT19, PKC18, PK21, Pas11, PHI98, PP06, PR14, PSS22, RTD$^+$21, RWB09, RA12, RK11, Sab91, Sad05, SS10, SA14, SI17, SS98, Sid20a, Sid20b, SK19, Sv95, SHGL22, Stu97, SLL22, SYZ22, SSH19b, SSH20, TT21, TH18b, TVC20, TTLD20, TSI20, TDC21, TLD$^+$23, Vep08, WGK11, WKG11, WK12, WZ13b, WK13, WZZ16, WK16, Wan17, WZQ17, WK17, WCHK21, Wei17, XCD23, XSL22, Yak95, YWX14]. **convergence** [YL19, YH24, YWS20, YLL22, ZW12b, ZJ14, ZD21, ZWG18, ZG12a, ZG12b, ZG09, ZCS14, ZW15, dB07b, EHN17b, Pop19]. **convergence-control** [AJ13]. **Convergent** [BKM03, CCG01, FMD18, Rec01, Rob97, AH08, CEX14, CL93, CG19, CJ20, GA15, Gal18, GLW13, Hai08, Har18, KSB08, KK17, MFBB23, MA22, PLZ$^+$24, Pie96, Sab92a, Sid07, WB17, wYN18]. **converges** [KH18]. **convert** [KCHD16]. **Convex**
[DM92, EGSV04, KPFG04, KL04, Mar04c, Zil01, AF23, AAFL23, AG23a,

SZ21, SG23, SS24b, TX19, Tem08, TS15, TY21, TN10, Tuo98, VH10, Van19, VRM23, VLCL16, WG13, WCHK21, WYZ22, Wan22, WZ22b, WK93, Wri01, WCD21, WZ23b, XyJl16, XT16, Yan95, YBK+21, YH21, ZY21a, ZSLZ24, ZXF14, ZFX14, ZXLF15, ZL17, ZJ23, ZE10, aZ19b]. **Differential-algebraic** [Pog98, AM98a, AM98b, Che16b, EL01, Han22, HM22a, HM22b, IY15, LT20, MS06]. **Differential-geometric** [IDAV09]. **Differentiation** [ACG20, Hof16, IM02, TRRD02, AH21, Cou15a, Cou15b, GZ18, Kub23, LM11, MJF09, NBJA17, SAE19, SL15b, SL15a, SS14, Tia21, TY21]. **diffuse** [Wan15a]. **Diffusion** [AG03, Bog02, KV04, Sch02, SME03, AD17, AD22, BPR22, BS17, BKF20, Bhr16, BZV16, BV99, BBL22b, COSE22, CTS09, CLTA10, CX20, CL21, Che22, Che24, Che19, CYM22, CGL99, CJ17, CG19, CJ20, Cui13, DWZ14, DAM16, DMZ20, lDzS21, ETY98, FNS19, FZLL23, FZL+16, FMD23, GD15a, GM06, GK20, GH09c, GO06, GO21, HT23, HZPW23, HCL21, HDP18, HV22, HA16, HTVY13, HL17, HYJ20, JKNR13, JZF+20, JWZ23, KS18a, KZS21, KCHD16, Kaz24, KR11, KK22a, Kno23, KMS05, KB20, LR18, LSZW19, LL22b, LS15b, LWJ21, lLHNS23, Lin05, Lin09, LRZ12, LJWW21, LZ23c, LV21, Mal21, MS23a, MM09b, MS24, Moo07, Moo20, MM11, MA12, MAFN16, Nac99, Ngo23, NMM18, NV21, PNW17, PQS22, PED15, RF23, RS06, RBN14, RT19, SKA23, Sal17, SLA11, SCF23, Smi97, ST98, TH23]. **diffusion** [VT10, Wan15b, Wan19, WLMA21, WZC23, WSLL24, Wei17, WLY+21, YHQ19, YZL20, YPL21, YWZ19, YQM16, ZWFY19, ZP17, ZYX19, ZBX21, ZL22a, ZYW23, ZZ18, ZZB20, ZYLN18, ZXL23, dFO11]. **diffusion-reaction** [Kno23, Ngo23]. **diffusion-wave** [AD17, BZV16, DWZ14, DAM16, HDP18, HTVY13, HYJ20, Sal17, SCF23, YZL20]. **diffusive** [CEK21, YJ18]. **diffusivity** [LL22b, RT19]. **Digamma** [Wen03]. **Digital** [Sar06, FGL19, God15, Li95, PR93]. **dilated** [Erb15]. **Dimension** [Maz11a, ASV23, CA22, GO06, HKPW19, KMS05, Sau07, SB21]. **Dimensional** [AEG02, BD02, Boy05, HR03b, AD17, AD22, ALJLYJ24, ASS13, AAD14, BX17, Bhr16, BK13, BZS22, Bra06, Bra07, CMD19, CAB22, CLTA10, CLA11, CY19, CvPS15, CCW21, CK22, CCD10, CJ20, Cui13, DSI11, DS09b, DW21, DDRT97, FMD23, hGzS17, GK20, GK24, HCL21, He16, HST15, HS15, HL20, JJK97, KKPT16, KPA20, LWD23, Li95, LRL19, LKBF17, LZW20, Lie00, lLHNS23, Lin05, LSW16, LD20, LW22, LWZ23, LWC+21, MP00, Mar92, Mic23, MDH16, Nat07, NV21, PTW22, PTSB01, PV98, Pis16, QXGZ20, RhG15, RR22, SH12, SW07, Ter22, TD09, WWBM21, WHD22, YD09, YJX15, ZR17, ZBDK23, ZLW+13, ZHFW21]. **Dimensions** [GGV02, VP23, AH23, AK12, BBL22b, Cal20, GH06, GH09a, Gha18, Hem96, HKCW24, KKV22, KSW07, Moo07, Rab23, Ros97, WZ19, WLMA21, WQZH24]. **Diminution** [CG03]. **DIMSIM** [BCJ99]. **DIMSIMs** [IJ19, Wri01, BCJ97]. **Dirac** [AT17, LZ23a, MY22, SS11b]. **Direct** [AW23, De 02, FG03a, GRT97, TBC+23, Ari98, AVI97, BCT15, BW15, CB16, CFL19, CDLW21, Cic20, DG17, DB06, GK20, JRB17, KP96b, Liu11, MS20a, Meh11, MV17, SDL+23, CIP10, MS14b]. **Directed** [vGK04, GWL20].

Cro92, DHV22, ETY98, FHC21, GHM16, HLS10, IL05, KH11, MHR23, NPR08, NNCN23, REM21, RT19, Ria16, SB21, YSLH19, YL16, ZQL+19].
domain/multiresolution [YL16]. **Domains** [BD03, CP01a, HR03b, AN17, ALZ20, ABV23, AG17, AAD14, CJK22, CK22, DM98a, GL15, Kar09, Kar13, Kar15, KJC18, KZ21, Lee94, LSX10, LJ11, LC21, MD15, QL12, YL16, Yse99, YWZ19, ZLH22, ZZ23, ZYLN18].
dominance [LXP20]. **Dominant** [ABQ04, LL16, LZX22, MVV05b, VBG96].
dominated [ETY98, MS20a]. **Double** [DMZ20, AGS08, AKB15, CEK21, CFRV23, DS20, GNT24, MBJ17, PRVI20, RR23, RCW22, YJ18, ZWY22].
double-cone [GNT24]. **double-diffusive** [CEK21, YJ18].
double-projection-based [AKB15]. **double-step** [DS20, MBJ17].
doubling [CZLS18, Guo16]. **doubly** [DM98a, HHHN07, LZX22].
doubly-adaptive [HHHN07]. **Douglas** [AG19, BCN+16, BCS18].
downdating [LLZ18]. **DPMHSS** [WGZ18a]. **DQ** [AD22, CJK22, Gha18, Tom11, ZLZ22]. **DQAINF** [EO94]. **Drift** [DMYT23, HY21, Mal21, Nac99, ST23, SYZ22]. **Drift-implicit** [DMYT23].
driven [DMYT23, HSY23, MKBY19, NT21]. **DSS** [XLW20]. **DTZD** [QZG+19]. **Dual** [BEL23, NØ96, SC03b, Alt21, AABTB23, BGS24a, BC16, CWZ13, CL19, CW21b, DGL06, Gás99, GWL20, HHF22, JWCZ21, Khe12a, MBG19, MFBB23, NAHZ21, RWTM21, SMZMA18, WZ11, WXQ20].
Dual-orthogonal [NØ96]. **dual-permeability-Stokes** [NAHZ21].
dual-phase-lag [WXQ20]. **Duality** [BF99b, BR17, BV95]. **Duffing** [CZLS18, YX11]. **Durbin** [CHHL18]. **during** [Bag00, WXQ20]. **Durrmeyer** [MP14]. **DWR** [LH23]. **DWTPer** [FC01]. **DWTPer-based** [FC01]. **Dyadic** [Mer94]. **Dym** [BAV18]. **Dynamic** [Cha04, LPV03, PP18, BRZ18, Fly22, HFW+21, PPPN23]. **Dynamical** [Man10, GH22, GH23b, LK20, LWLT19, RM13, THF21, VTV22, WMCW21].
Dynamics [CCV23, AABM17, AM16, BCST14, BCM16, BCMT18, CZ20, CB00, Ila20, JZ16, KGMH21, LZ23a, LSSS15, OKP21, PPR15, Rei98, SSH+19a, SSH20, ZXRL11, ZLQT19, ZHY+20, ZLL+21a].

E-algorithm [Mat91]. **early** [BRZ19, Osa12, TM14]. **Easy** [BvLP16].
economic [BL23]. **Economics** [GCGF03]. **ECT** [Müh99, MT06, TM05].
ECT-B-splines [MT06]. **ECT-splines** [TM05]. **ECT-systems** [Müh99].
Eddy [Tsu02]. **Edge** [DMR20, LXZZ21]. **effect** [JCF15, NAR05a, ZJ08].
Effective [BFGM03, BBL22b, JH22, MT98, BKFMA11, BD98, BC99, BC01a, BI14, Cam19, GJV17, Haj16b, IP16, RW06, YZ17]. **effectiveness** [BMR19b]. **Effects** [NZF11, SC03a, CR14]. **efficiency** [BCST14, Che14, EGGSH13, HR07, Jai16, NR24a, Jai17]. **Efficient** [AMM18, AH18, AKW02, BDL+12, BBQO07, BHS11, BKS13, BKF20, BCI14, CX20, CLPY23, CHMT10a, DB06, EGG08, FKMS01, GST17, HH05, HV15, HYJ20, KXXW21, KKB16, Kar09, Kar10, Kar13, LM19, LL20c, MCG+04, MP13, NW04, PW14, RhG15, SFMK23, TRRD02, WZ15a, XCY21, XLG22, Zag24, ZBX21, ALQ17, AA12a, AHL20, BG11, BMV09, CJ20,

CLBT15, CRHTV24, DM98a, Dzu13, Gha18, GH22, HZX21, Kac18, KKV22, KP96b, KNBGV18, KMA13, KHM20, LDN16, LWZ18, lLhYfD07, LL18, LZZ23, MGL20, MD21a, MBR21, Mel24, MDH16, NBK17, PKR20, PV22b, PS16, Plo93, SGS13, SLD20, SSK23, SS23b, Sol15, VZ93, Vep08, Yan18, Yan22, ZH22, ZXL23, ZE10]. **Efficiently** [WH04, WWM21]. **Eftekhari** [Eft15a]. **Ehrenfests** [BGL07]. **eigen** [LJbL21]. **eigen-problems** [LJbL21]. **eigendecomposition** [MVV05a]. **Eigenfunctions** [INR01]. **Eigenmodes** [LL05]. **eigenpairs** [BM19, GLL19]. **eigenparameter** [Ghe18]. **eigenproblem** [BOP98, LL93]. **eigenproblems** [CVLX19, Ema96, MM99, SS99, VRM23]. **eigensolver** [HK14, IDS16]. **eigensolvers** [IS17]. **eigenspaces** [KP96a]. **Eigenvalue** [FG03a, TC05, Van07, AMM11, ALZ20, BLW09, BESC22, Bos21, Cve06, DBGB11, EGG08, EP97, FG07, FM19, FYI+12, IDS16, IS17, IMT23, IJSS16, JKM18, JRRS08, KW00, Kol06, KSW09, KLW+23, LLZ94, LY18, LDC10, LG95, Mia19, OdZdRV13, PL99, Pan20, RSCH+19, Saa23, San19, She15, XHZ07, wYN18, YSXY19, ZLH22, ZS08]. **eigenvalue-free** [ZLH22]. **Eigenvalues** [IMT02, AAAA+18, ANI15, ANI+17, AM21, And18b, AA12b, AT19, AT17, BIM+23, CHY19, CD96, DPP19, DPP22, EG19, EV22, EDAM13, EAGS20, FDV13, HM18c, KP96a, LWG18, MT15, NP22, OO22, TBY13, YHZ20]. **eigenvector** [JU22]. **eigenvectors** [CD96, Gar20]. **eight** [LSSS15, Sho18]. **eight-order** [Sho18]. **eighteenth** [Ste20]. **eighth** [AR13, BCMT18, CN16, CN17, CKKT16, FR18, Jai16, Jai17, LK20, LRM16, SS10, SZQS23]. **eighth-order** [BCMT18, CN17, FR18, Jai16, Jai17, LK20, SZQS23]. **Einstein** [Hua21]. **Ekman** [TPLB22]. **Elastic** [BE03, MD21a, MR12, RW06, Sim98]. **Elasticity** [TC05, BK18b, DN19, KST06]. **elastodynamics** [AMM16]. **electrical** [CHH93]. **electro** [ÁCL11]. **electrolyte** [Met19]. **Electromagnetic** [ZKD02, ZKD04, AF13, GH06, GH09a, MDR23]. **electromagnetics** [ABG97]. **electromagnetism** [BR17]. **electron** [SSH+19a]. **Element** [BBHM03, CP01a, DG05, PG05, Tsu02, ACF99, BBB22, BFK+09, BX19, CLWH20, CVX16, CDS20, DMC20, DN19, DZS21, DZ19, DZ21, DMW23, FZLL23, Far20, FZL+16, FHC21, GG22, GX19, GA20, GLRSG08, GRT97, HCBAEC23, HFZ19, Hu22, HS21, Ila20, JKNR13, JCL16, JZYY23, KLL10, KBP17, KP22, LLAL21, LHW17, LR18, LLX20, LD21, LDX23, LGC24, LXZZ21, LTFL10, LS15b, LCH20, LYL15, LDL+19, LN22, LH23, LZ23c, LCGH23, LAH22, LKKM15, MS20a, MC05a, MR12, MDR23, NAHZ21, ND21, NMM18, NT21, OMW21, OBAHK+19, PV22b, PR10, PLZ+24, Rah11a, SLW13, Sch08, SGO22, SW10b, She15, Si12, SLT20, SR24, SS94, Sut17, Val15, WSY12, WYZ21, WZ22a, WD23, WDL23, WLY+21, XSL22, YJ18, YZ23, YH97, YYW21, ZZH15, ZYGQ17, ZSF18, Zha19, ZZZ20, ZHFW21, ZD21, ZL22b, ZF22, ZYJY22, ZL23, ZWX22, ZYW22, ZLCW23]. **element** [ZLTA16]. **element-free** [Ila20]. **Elementary** [Mai01, Rab92b, BP23, FLMR00, Fue07]. **Elementary-Algebraic** [Mai01].

MDL15, MK17, MA13, Mok16, MMLM20, MM11, MA12, NPR08, Ngo23, OKP21, Oua99, PED15, hPwL09, Pen13, PV00, Pop18b, QQX23, RM11, RT19, RhG15, RK11, RR22, Sal17, San14, SB21, SKP20, SLA11, SDL$^+$23, SCF23, SKTGR19, SW22, SYLT14, SJW21, Str05, SzS21, SZQS23, Ter22, Val14, Val15, VdR13, WH15, WLMA21, WWBM21, WLZ22, WZC23, WC24, Wei18, WZ22b, XyJl16, XM16, XZW13, YZZL17, YZLZ22, YSLH19, YZL20, YPL21, YC22, YXS22, YLD11, YYLX23, YL22, YJX15, YYW21, ZWFY19, ZWWW20, ZW12a, ZJ14, ZW14, ZHT15, ZP17, ZJWF18]. **equation** [ZZ19, ZYX19, ZJZ20, ZBX21, ZYQ$^+$21, ZZ22b, ZL22a, ZQzS22, ZF22, ZLLH22, ZLH22, ZY23, ZQS24, ZZ18, ZLS24, ZZWK12, ZTZZ19, ZXL23, ZLTA16, ZS19]. **equation-by-equation** [DLR24]. **equation-dependent** [FYYW19]. **equation-error** [KV07]. **equation-free** [MBR21]. **Equations** [AAAS03, AG03, AEG02, AKKW03, Boy05, But02c, BH02, CM01, CC03, Che02, CGL01, DL03, DM03, ED05, EJR02, GF02, GSA03, HEOS04, Jbi03, KM04, KB02, LJW17, LER03, MO04, NW04, PL04, PG05, Rec01, RS02, SS03, SGM02, SER02, TDKB24, TRRD02, WHL24, vLV02, AS11, AAFL23, AAM24, AK19, AB06, ATC16, AAB13, ALJLYJ24, ABB15a, AABM08, ASS11, AKB15, AE09, AA09, AM98a, ABI23, AR99, ASGJ$^+$20, AC11, Ano17, ALZ21, Arg10, AH11c, AGS20, AG23b, Arn97, AH18, AAD14, AHC13, ACH17, AKKT16, AKQ17, Awa10, AB23, BDN17, Bai97a, Bai97b, BRY14, BGR23a, Bar91, BBQO07, BJ98, BNN16, BDV18, BJNKR20, Bel94, BB14a, BQO99, BEQOR14, BHS14, BH17, BPS23, BHW23, BW13, BT14, BD17b, Bhr16, BK13, BK18b, Bic11, BV99]. **equations** [DOT21, BSF17, BEH24, BS92, Bre99b, Bru93, BB14b, But10, CQ16, Cai22, CGPM00, CCJ10, CA07, CIP10, CS99, CHH$^+$20, CP00b, CL05, CL06, Che14, CQLY15, CX20, CL21, CSZ22, Che22, CS22, CLPY23, CH11, CC13, Che19, CCD10, CN17, CNR15, CHMT10a, CLBT15, CPS12, DJ10, DFJP10, VV07a, VV07b, Dah93, DWC18, DEC24, DSI11, Das19, DL18, DP21, DZW17, DW21, DW22, DCW23, DW97, DZS21, DEM93, DB06, Don13, lDzS21, DM92, Dze15, Dzu13, EG10, Eft15a, Eft15b, EG18, EA12, ES19, EL01, EHV19, EED19, FY13, FWC16, FYM14, FNS19, FHL21, FGJ00, FH15, FS01, FMD23, FS23, GA15, Gal18, GM06, hGzS17, GKRS22, GG22, GM23, GH09b, Gon16, GCPG99, GLdO09, Van17, GKV23, GMT92, GM97, Gu20, Guo13, GMY18, GL19, GL23]. **equations** [HJ18a, HH12, Hai09, Haj16a, Haj16b, Hal14, HZPW23, Han22, HM22a, HM22b, HCL21, HP18a, HV15, Hei06, HVYMS23, HSTW14, Hey99, HSE16, HASI23, HST15, HZ20, HKCW24, HL17, HM18c, HM18b, HM19a, HYJ20, HL20, HZX20, IY15, ITA24, ICR06, IJE15, JT96, JVH15, Jbi93, JLFL19, JZF$^+$20, JM18a, JWL20, JWY21, JY23, Kam15, KJ18, KKB16, KCBT21, KT07, KSB08, Kaz24, KM17, KL17, KLF17, KGH14, KSCS07, KSCS08, KK22a, KE16, KLL10, KKM20, KS06, KKS24, KLR07, La 17, LLAL21, Le 92, Le 98, LMMH11, LW13, LWwCL13, LW16, LHW17, LG17, LG18, LWZ18, LR18, LZL20, LHM20, LZlL20, LD21, LZ21, LDH23, LLD23, LWLW24, LM14, LKBF17, LZZ19, LXZZ21, LZ16b, lLLVZ17, LZW20, Lie00, LZ09, LWJ21, LT20, Lin09, LYL15, LSW16, LM17b, LW17, LF19, LM21,

MPT21, MT23, MN11, MAK20, Nar05b, NK16, Not12, PV22b, PZL15, QZG+19, Roh07, RG10, Rum14, SKP20, She15, SFS23, SZ23, SLT20, SN22, SH17, TTV21, Van19, WW19, WZ22a, YJ21, Zag24, ZA20, ZZL17, ZLH21, ZWLZ24, ZWX22, ZLTA16, dC20, DLL12a]. **Error-free** [OOOR12]. **Errors** [Dab04, Mat01, BD09, KL17, LDN16, MW16, Meu23, Tam10, WK20, Zas22]. **ESIRK** [BC01b, Che02]. **ESPIRA** [DPR23]. **ESPRIT** [DPR23]. **Estimate** [HSY23, SS03, AD17, ALZ20, BEM99, CSZ22, Che19, CYM22, JL12, LZlL20, LCZZ23, MN11, SFS23, SLT20]. **estimated** [EDAM13]. **Estimates** [AR20, GS94, HL02, Meu05, Meu09a, WDY04, AR16, AAA17, AKPW05, BGR23a, BM94, BRS08, BRS09, Bro05, CMRS00a, COSE22, CY19, DL09, Haj16b, Jaw22, JL15, KBP17, LCH20, LZ18c, LN22, LW22, MY22, Nar05b, RZ23b, RRS09, SKP20, She15, SZ23, SN22, Tac12, YJ21, ZA20, ZLH21, ZWX22]. **Estimating** [AH13, BG91b, Dea15, FDFM23, SSH19b, BQ19, VDVJB12, YC22]. **Estimation** [BJ02, DVJBN03, GD15b, MK98, Tir02, AHIJ22, AHJ22, Ali23, AWL+24, ASHF21, BQ19, DWX17, Dra00, FGP91, HHLS21a, HHLS21b, HCXL20, JV98, KP96a, KKS22, KKS24, LWLT19, LRM16, Mel10, MPT21, Mic93, MAK20, Roh07, WWL24]. **estimations** [DW22, MCW22, NC94]. **Estimator** [KW04]. **Estimators** [ABMV03, MV02, ASGJ+20, AKT15, LGP11]. **etc** [dC20]. **Euclidean** [Dam08]. **Euler** [ABB15b, ABB15a, BP22, Che16a, CMP22, DMYT23, GMY18, HSY23, Kar00, KL22, LDH23, LM17b, Maj14, Mil19, NT21, Sab92b, Sab14, Sîn07, SMA99, SYZ22, YW17, YJ21, YLYZ23, ZWW21, ZP23, ZG09, ZJ23]. **Euler-type** [NT21]. **European** [KN23, KMV17, ZLT+17, ZZ22b]. **Evaluate** [CCG01, BBZ95, CP95a, CD96]. **Evaluating** [ACH14, CC12, FLMR00, Ter23]. **Evaluation** [CR03b, GA08, LZRJ92, Pas06, RS97, BV93, BF99a, CW21b, FHH05, FKP06, Gau08a, GS95, HNSH09, HPS13, Hun95, IP16, JL16, Kie23, KP09, Kim21, KK23, Kob97, Lyn08, PSS10, Pas95, Pow93, SHF15, XX16, ZuI19, de 93]. **Evaluations** [SMB02, CS08, GP05]. **even** [Ber11, GN12, KSW09]. **even-grade** [GN12]. **every** [KH18]. **evolution** [AKQ17, WZ23b]. **Evolutionary** [CC03, LPV03, ST21, ASZ23, HFDSC24, LHR20]. **Exact** [AL23, HEOS04, KS18b, LA22a, Lóc18, AMR15, GL19, MN23c]. **examples** [Maz12]. **exchange** [BS21]. **exclusion** [DY93, Yak94]. **Existence** [DD20, IAH20, LA22b, MS01a, NS01, BH09, KM19, Maz05b, Zaf22]. **expanded** [Hu22, JZYY23, LYL15, SKP20]. **Expansion** [FH05, LL05, LMMD05, ME95, Ter22, VH92, ZFZ19]. **Expansions** [CD01, LW04, MC05b, MC05c, GL20, HIK17, KV12, LGA+00, LI10, Mül00, Pow93, QW08, Sid20a, Tem97, VPL97, Wal94, WGZ18b, WWL24, WL00, Zha23]. **expectation** [JR20]. **expensive** [Liu11]. **Experimental** [MP00, CB13, Kno23]. **Experiments** [BCJ99, BM03, BHS23, CK05, Meu99]. **Explicit** [CJ12, FHL21, IN95, RW06, SW19, SFT03, Ver14, Wri02, AHIJ22, AHJ22, Bla15, BHT16, CJSZ14, CT10, CDLW21, FR18, GM20, IJ19, JA22,

[ASVC21a, ASVC21b, AM18, Ave20, BD02, BD04a, BFGM03, BESC22, CMM15, CLMM05, CF05, CL21, CW21b, DH04, DZW17, DZH23, DSS14, EED19, FKP06, FM99, GST21, God15, GKV23, HG93, HR03a, HL20, KP09, Kim21, KRS19, Lee94, LMV00, LHZ20a, LZL20, LDH23, LX17, LJW17, Luc06, MS14a, NP18, NC94, PNW17, Pet01, RT19, Rum12, SWB08, SVZ01, Som05, Tas93, WLY+21, YQM16, ZZ22b, vdMRS06, AA15, AR10, AMKV96, AVI97, BDL+12, BC06, Bel08, BW15, BP19, BD00, CDSV11, CH22, DMC20, DM98b, DG17, DN24a, Ehr97, FZLL23, FLG08, HLL22, Hem94, HL17, HYJ20, Ihs07, JZF+20, JWZ23, JWY21, Kaz24, KPT23, LlLZ21, LX23, LCZZ23, LWN13, LXQ15, Luc97, LKKM15, LV21, MFBB23, MDH16, OOOR12, PJ22, PPV09, Pow93, SzS21, Ter23, WCH15, Yal01, YYW21, ZYW23, ZP23, ZLS24]. **Fast** [Ave20]. **Faster** [Luc97, TL23, Cat24a, Cat24b, PDRG19, SI13]. **fastly** [ML22]. **fault** [CM05, GLRSG08, MS23c]. **Favard** [BGVHN92b, dR99]. **FB** [HBP13]. **FCC** [KK23]. **FDEM** [DdAF+20]. **FDEMtools** [DdAF+20]. **FDTD** [JLFL19]. **FE** [YSLL23]. **Feasibility** [EGSV04, BCK06, BBCS21, Buo17, DLLD17, GPGC98, KPC20, KS23, MWsC19, MG18, RT24, SPV20, SCD+21, SIE16, TKSG23, TQW24, Wan18, ZW15]. **Feasible** [KPFG04, LLS11, MLM19, PW22, mTLbJlL14, YZ17, ZFH23, Zhu15]. **feedback** [YX11]. **feedbacks** [HLL22]. **Fejér** [Chk20]. **Fekete** [KST21a, KST21b]. **FEM** [GM20, LHM20, Lin09, MS24, SKP20, WLZ22, YWYN22]. **Femlab** [Sla06]. **Femlab-Control** [Sla06]. **FEMs** [SZ23, YJ21]. **Fermi** [SS11b, ZZWK12]. **fever** [LWLT19]. **few** [Maz09b, Wri95]. **fewnomial** [BHNS16]. **fewnomials** [BHNS16]. **FFT** [KKV22, PW16, PWCsL18]. **FFTRR** [DG17]. **FFTRR-based** [DG17]. **FFTs** [AMKV96]. **Fickian** [RF23]. **Fictitious** [Kun01, YL16]. **Fictitious-Domain-Lagrange-Multiplier-Approach** [Kun01]. **Fiedler** [CFRV23]. **field** [CEK21, CDS20, Han93, HK14, LL20c, LZZ23, NAR05a, SZ20, SZ21, WG99, XCY21, YK22, YZBJ21]. **field/circuit** [CDS20]. **Fields** [Che01, ZZX+23, le 91]. **Fifth** [BM03, LMMH11, GB21, RGJ10, SSK23, ZG12a]. **Fifth-order** [LMMH11, RGJ10, SSK23, ZG12a]. **filled** [LGW14, fLxX12, PSWE23]. **filling** [CLMM05]. **Film** [TE03]. **Filon** [ZH17]. **Filon-type** [ZH17]. **filter** [Cou15a, Cou15b, GZ11, JS23, KK22a, KE16, Laz99, LZ18a, LKK21, PSZ23, PR93, Tur94, YY13, Zhu15]. **filter-SQP** [GZ11]. **Filtered** [DOT21, Mia19, GV99]. **Filtering** [Bre04, CR02, EKM03, Cic20, Sar06]. **Filters** [WDY04, LM97]. **finance** [KN23]. **find** [LMUZ19]. **finders** [ARY17, BCMT18, LK20]. **Finding** [FM04, MS01b, NAA19, PSWE23, AK15, BDN17, BEGG91, BC17, CCV23, CN17, GLL19, LMMH11, LRL22, OIM21, Pan96, PR14, PH20, QAS+24, SDMMK18, TLD+23, THS20, WK17, WMCW21, ZXRL11]. **Finite** [ABMV03, BBHM03, BRMG18, CP01a, FZL+16, For22, HM19a, JKNR13, KLT03, LTFL10, Mat01, ML10, Osw01, OB16, SW22, SMA99, SS94, Tsu02, ZL22b, ZLCW23, ANI15, ACF99, AE09, AAIT94, AHL20, AW23, AL23, Ber07, Ber11, BBB22, BFK+09, Bia12, BW15, BR17, BX19, CWZ13, CM99,

CL10a, CXL16, CHH+20, CLA11, CLWH20, CS12, CV15, CL93, CVX16, DL21, DS15, DW21, DZS21, DK00, DZ19, DZ21, DMW23, EA12, FZLL23, Far20, FHC21, GHC15, GMZ19, GG22, GX19, GS14, GA20, GLRSG08, GGS22, GRT97, HLL22, HCL21, HKE97, HFZ19, Hu22, HTVY13, HL20, HS21, JCL16, JZYY23, KCHD16, KAF18a, KLL10, KBP17, LLAL21, LWD23, LHW17, LR18, LRC19, LMUZ19, LLX20, LD21, LDX23, LGC24, LJ11, LZW20, LS15b, LDL+19, LCW20, LH23, LWZ23, LZ23c, LZZ24, MS20a, MY22, Maj13, MC05a, MDR23]. **finite** [Mil13, MA13, MA12, NAHZ21, NW19, ND21, NMM18, NV21, NT21, OMW21, PNW17, PV22b, PLZ+24, QQX23, QXGZ20, Rah11a, RS93, Sch08, SW10b, Si12, SLT20, Sv95, Śmi06, SS16, SR24, Spr01, ST98, VW08, Val14, Val15, VLCL16, WSY12, Wan15b, WYZ21, WZC23, WD23, WDL23, WQZH24, Wei18, WLY+21, XX16, XSL22, YJ18, YHQ19, YZ23, YH97, YQM16, ZZH15, ZSF18, Zha19, ZZZ20, ZHFW21, ZD21, ZYJY22, ZL23, ZYW22, ZLTA16, iV12, ZLT+17]. **Finite-difference** [BRMG18, CS12, DK00, NV21]. **finite-element** [GRT97, NMM18, Sch08]. **finite-part** [DS15]. **finite-step** [ANI15]. **FIR** [Cou15a, Cou15b]. **First** [ACE99, LGL23, Mar04b, AGG17, CC18, DHJJ10, EGSHVN15, FHL21, FGL19, JWCZ21, LM21, MS06, PP24, PP18, RSKB17, WHZ+18, dAFPR23]. **first-** [WHZ+18]. **first-kind** [LM21]. **first-order** [AGG17, DHJJ10, FHL21, FGL19, JWCZ21]. **Fischer** [ZLLC11]. **Fisher** [Ila20]. **fits** [GGN18]. **Fitted** [CV15, EA12, Val14, VV07a, FYM14, FR18, JSF13, Li17, LG19, MVVA08, NBJA17, SS15, VV11]. **Fitting** [ASS03, Wat06, AS08, AG00, CIP10, CK05, CV92, Ell93, Ixa21, MKS18, Sch08, WD95, WK93, Wri95]. **fittings** [Ixa19]. **Fitzpatrick** [XZL12]. **five** [But98, MA95, QZG+19]. **five-diagonal** [MA95]. **five-step** [QZG+19]. **Fix** [GZ20]. **Fixed** [GF02, Bag16, BMR97, BRZ19, CSI16, CSI17, CSI18, CCL18, CD99, CRN19, Den14b, Fan15, GM23, HS20, Ihs07, IS22, IAH20, JM18b, KAF18a, KAF18b, KLZV95, Lei15, LP18, LLD23, LRL22, LCL21, Lyn08, MWsC19, MN17, Osa92b, PKC19, PM22, PKC18, PG12, PPPN23, PDRG19, PN21, RZ16, RT22, RTTH22, Sab91, SIE16, SI18, SC18, TAM21, TH19a, TH19b, ZFC18, ZH19]. **fixed-amplitude** [Lyn08]. **Fixed-Point** [GF02, JM18b, PM22, PPPN23, PN21]. **Fixing** [BBC21]. **flat** [YXL18]. **Flattened** [JYLC21]. **Fletcher** [BKG15]. **flexible** [PV00]. **flights** [JS21]. **Floater** [dC16a, AHP20, MNS23, dC16b]. **Floating** [DHL+04, DH04, GWBC20, GLM15, JLMP16, OO22]. **Floating-Point** [DHL+04, GWBC20, GLM15, JLMP16, OO22]. **Flow** [AA03, CGN03, Jan03, BBL23, BM24a, BBB+06, BGL07, CL00, CLPY23, CJKL23, CW17, HHST19, HMS96, Hol98, KLB10, KBP17, Liu21, Met19, MSMS12, MSM12, NZF11, NAHZ21, Pan18, Son93, ZD21]. **flows** [ASZ23, CEK21, DG17, FHAL15, GB21, LC21, LL22c, MDR23, Mot14, RRZ21, TCOA19, Uhl22a, Uhl22b, WSY12, WCB15, ZS22]. **FLR** [HHHN07]. **fluid** [ASZ23, ABV23, BBL23, BGL07, CC18, Hol98, KBP17, NZF11,

GKL21, GK21, HZPW23, HCL21, HP18b, HV22, HA16, HZX21, HLTA16, HZ20, HTVY13, HL17, HYJ20, HL20, HS21, ITA24, JBJB17, JZF+20, JWZ23, Kam15, KS18a, KZS21, KN23, Kaz24, KR11, KLF17, KKA17, KB20, LLAL21, LWD23, LHW17, LR18, LSZW19, LWLT19, LHZ20a, LHM20, LLX20, LKBF17, lLLVZ17, LWJ21, lLHNS23, LRY18, LDL+19, LD20, LJWW21, LWZ23, LV18, LV21, MKG24, MH23, MD21a, MN23a, MCW22, MS23a, MA13, MG11b, MM11, MAFN16, ND21, Ngo23]. **fractional** [NT21, PNW17, PQS22, PED15, PLZ+24, PS17, QXGZ20, ROB17, ROB18, RF23, REM21, RhG15, RR22, Sal17, SFMK23, SR16, SLA11, SCDM20, SCF23, Sid20a, SS24a, SMN24, SYLT14, SzS21, TH23, VLCL16, Wan15b, WH15, Wan19, WXQ20, WLMA21, WWBM21, WYZ22, WZC23, WZ23a, WQZH24, WC24, Wei17, Wei18, WCD21, YZL20, YPL21, YH21, YXS22, YWYN22, YCW+19, YJX15, YWZ19, YQM16, ZE12, ZA20, ZWFY19, ZWWW20, ZLW+13, ZP17, ZJWF18, ZJZ20, ZBX21, ZHFW21, ZYQ+21, ZZ22b, ZL22a, ZF22, ZYW23, ZY23, ZGLH24, ZXF14, ZZ18, ZZB20, ZYW22, ZLCW23, ZLS24, ZYLN18, ZLZ22, ZXL23, ZLTA16, aZ19b]. **Fractional-order** [NRV23, FAMA20, ROB18]. **Fractions** [HLM04, Pas03, Arn97, LB93, Lor95, Now06, Now13, Pas92, Røn92a, WQ10, dB07b]. **fractures** [LCW20]. **fragmentation** [SW22]. **frames** [BF93, VW08]. **framework** [BDD20, GWW15, HPS20, VB92, WCB15]. **France** [BV96]. **Frankel** [DCW23]. **Fréchet** [AMH10, AMA21, AH08]. **Fredholm** [AS11, ASS11, Bic11, Bru93, EHV19, HST15, OdZdRV13, PP24, PS09, ZA20]. **Free** [Osw01, AAFL23, AAM24, AAB13, Ahu09, ALY22, AH08, AM16, AG23b, BRZ98, BZ18, CHS19, CGHH21, Cdv98, CKKT16, CO19, FT14, GLLJ12, Ila20, Jia20a, KKB16, KS14, KP22, LZ21, LF19, LN22, MBR21, NBK17, OL23, OOOR12, PS16, RAH11b, SA14, SGJ15, WZZ07a, WZZ07b, WZQT15, WZ16, WB17, YKY15, YZBJ21, YH97, ZZY18, Zha20, ZLH22, ZLLC11]. **free-form** [WZZ07a, WZZ07b]. **freedom** [BR17, HHLS21a, HHLS21b, RRZ21]. **frequencies** [Ave20, Pan96]. **frequency** [BMR19b, Cou15a, Cou15b, KKV22, KPT23, SW19, WW14, YZ17, ZYW17]. **friction** [ZS22]. **Friedrichs** [ZZ10]. **friendly** [Ixa19]. **Frobenius** [CVLX19, HM18b, LEK21]. **Front** [Lie00, CL96b]. **front-oriented** [CL96b]. **frontier** [PLVB11]. **Frontini** [BD10]. **FSAI** [BM12, JCF15]. **Full** [CS99, Lui02, vGK04, AG15, AF13, APST21, Khe12b, Khe16, KH20, LYY12, LS07, MR09, WZVJ22, Khe17]. **full-Newton** [AG15, Khe16, KH20, LYY12, LS07, MR09]. **full-NT** [Khe17]. **full-rank** [APST21]. **full-wave** [AF13]. **Fully** [HKCW24, Pan18, WF23, CGPM00, DWZ14, DD20, DD21, GM06, KP96b, LRC19, lLLVZ17, Van19, Wei17]. **Function** [DHL+04, LM04, Mat04, Sab03, WDY04, Wen03, vGK04, AH17, AMH10, AMA21, AZ19a, Alz08, AGN07, BBQO07, BF20, BQO99, BEQOR14, BEJ20, BEJR23, Bic24, Bro05, Cau22, CAV23, Che13, CDD21, Col92, CFK+20, EV22, EL08, FW13, GA08, GRAST23, GCFF95, GMT92,

HM22a, HA16, HKPW19, JMS16, JYLC21, Joh15, Joh20, KL94, Khe12a, KH20, KW96, KKK22, LZRJ92, LGW14, fLxX12, LYY12, LX17, LD20, LM15, LSM16, Mar96, Mel10, MMU20, MS15, OPSM22, Ost07, PSWE23, Pea13, PH14, Riz18, SS11b, SMNZ20, Sun94b, Van92, VGM96, WZ11, XL14, YP09, Zag24, ZZL17, ZLL+21a, ZLLC11]. **Function-Based** [vGK04]. **function-valued** [GMT92]. **Functional** [LM01, AR99, Bic11, CQ16, LTFL10, MKG24, Rab23, SS11b]. **functionals** [AAPR21, BM96, GAM24, Hag13, LM12, PP21, Sch14]. **Functions** [ASS03, Amo02, Ano95b, Bre04, But02a, CD01, Dab04, GG01, GST02, GST03, GKS04, GPP01b, GF02, KM04, Kol04b, PW04, Str02, WH04, AF23, ALW98, ASV23, AAAGAD23, Ash19, AP21, AAH24, BBZ95, BBL22a, Bel94, BT23, BHJTM92, BP93, BC17, BP23, BX19, VVV22, BGVHN92a, BGVHN92b, BGVHN92c, BGVHN92d, BGVHN96b, CM15, CL11, CLMM05, CG07b, CR23, CJTW96, CBGVN07, CD00, Dar99, DS09b, DBH21, DP21, DPP19, DPS18, DL01, DGST15, EAB20, EG94, EHV19, FT05a, FLMR00, FM19, Flo16, FDFM23, Gaj05, GGNF17, GA15, GV99, GD15b, GG08, Gau09a, Gau10, Gau11a, Gau14, Gau17b, Gau22, GM22, GK20, GH95, Gla01, GS19b, HGVPA92, HW18, HSK20, HL15b, HM06, Hun95, IP16, Jaw22, JL15, Jos22, KSB08, KCHD16, KD14, Kel07, Kie23]. **functions** [LV15, Liu11, jLyLqW17, LM08, Low05, MBR21, MM00, Mas95, MS14a, MCMX20, MS11, Mül00, Nar05b, POP17, Pep23, PGGC97, Pet95, Rab05, Rei98, Røn92a, Saf10, Sas93, SHF15, Seg98, Seg08, She00, SS23b, Śmi06, Spa20, Str97, SR06, SH23, Sun94a, Ter23, UTO07, Vep08, VP23, WZ15b, Wil12, Wri95, XLC93, XX16, Yak94, YWS20, YYZ22, YLL22, ZuI19, ZJ08, Zha23, Zhu21, ZS19, dC22]. **Fundamental** [BS04, LL05, Ant22, BCJ22, BCJ24, Kar15, RT19, ZLLH22, ZLH22]. **fundamentality** [Sun94b]. **Further** [Che01, LRT19, ZDSY20, KM13]. **future** [CZ20, QZG+19, ZQL+19]. **fuzzy** [dCOS21].

Gale [BHNS16]. **Galerkin** [LR18, MS14b, SZ23, WLZ22, ADL05, ADG10, AK12, ALZ20, AMM16, Bac18, Bac20, Bac21, Bac23, BGR23a, BQ19, BFK+09, BK18b, BX19, BGZ20, CQ16, Cai22, CG20, Che19, CYM22, DWZ14, DMC20, DDG05, DB06, DBAE09, DOS03b, EG18, FMD23, GM06, GPP01b, Ila20, JWY21, LHW17, LHM20, LGC24, LSW16, LW22, LZ23b, LI10, Lya97, MS20a, MCW22, MFPG07, MM09b, MM23, Moo20, MWWY13, MM11, MAFN16, ND21, RMT13, RBN14, SHF15, SLT20, SN22, SA23, WLMA21, WYZ21, Wei17, Wei18, XZW13, YZ21, YJ21, YZ23, ZJWF18, ZHFW21, ZZ18, ZLTA16, dFO11]. **Galilei** [AD22]. **game** [DI11]. **games** [BK18a, HV98]. **Gamma** [Alz08, Mat04, Cau22, Che13, FW13, GA08, LM15, LSM16, MS15]. **gap** [Rab23]. **gaps** [AM21]. **Gating** [GS19c]. **Gating-enhanced** [GS19c]. **Gatteschi** [All08a, All08b, GG08]. **Gauge** [ZSF18]. **Gauss** [EDAM13, AAPR21, AR18, AH11b, AT17, AAH24, BEJR23, BK04, BCI14, CR03a, CFK+20, DLL+24, DPS18, DDRS23, FG07, Gau00, Gau09a, Gau10,

Gau14, GST21, Gon16, GS16b, KP03, MGL20, MVVA08, MM08b, MM09a, MT23, Not95, OPSM22, POP17, Pej14, PP21, RWTM21, SH23, VV11, YWYN22, ZH22]. **Gauss-type** [Pej14]. **Gaussian** [ATM19, Ash16, Ash19, BC00, Bou03, DK00, Hag13, KN18, Kza97, LMV23, LZX23, Man07, Mil95, Mil17, Pet95, RN21, SS01a, SS01b, Spa07, Spa20, Spa24, UL18, XW17, dABR01]. **Gautschi** [Kou07, LR14, SW19]. **Gautschi-type** [SW19]. **GB** [Kva01]. **GB-Splines** [Kva01]. **GC** [dB07a]. **GC-sets** [dB07a]. **GCD** [LL14]. **GD** [ZLG+13]. **Gegenbauer** [AH23]. **Gene** [Meu09b]. **General** [ASS03, AHKW04, BJ04, DEP12, DL03, SR16, Wri02, AH11a, AHIJ22, AHJ22, AF23, ABS19, BS17, BX17, BBd95, BDD20, BH09, CQ16, CHYZ98, CM98, CJSZ14, CGN22, CV92, DEC24, DZH23, GS16a, GL15, GZ11, GL19, GEA20, Haj16a, HWCR19, Hil10, HRY19, Jbi93, Kno23, Leo07b, Leo08, LWM10, LZL23, LWS18, MRV23, Maz11b, Meh11, MHA16, OI14, PP21, RKMS16, RGJ10, REM21, RWTW19, SK19, SDMMK18, Son93, USAF14, VB92, WK12, WSK14, WCB15, WPL18, YL16, YZY+14, ZYW17, ZW12b, Zha20, DDP14]. **generalised** [CDS20]. **Generalization** [Che99, IM02, CM16, Hua94, LQ16, Sîn07, SZ99, WT08]. **Generalizations** [CKY99, LCHH21, BL92, CHH+20]. **Generalized** [AH14, Ash16, BCN+16, BR21, But02a, CM01, CCTV23, CG07a, CCHH23, Cse04, DMS09, DS12, For93, FLG08, GG22, Haj16a, Hey99, MAH22, Mas95, SZX11, TV17, UA09, VA20, ZZ19, APST21, Arn97, AH18, AAA17, BH22, BLW09, BBQO07, BGR23b, BQO99, BV21, Bos21, Bru93, CA07, CG20, CZ14, CC15, CC16a, CC18, CVLX19, Che19, Cho16, Coo09, Cor91, Den14a, DDRS23, DLDW21, FWC16, tFZyZ16, FSY23, FRS21, Flo16, GZ20, Gar20, Gau09a, GM21, GS21, HL23a, HNY+18, HWXC17, HM18b, HWXC18, HJ21, IDS16, IS17, IAH20, JMS16, KM17, LRT19, LDN16, LWAG08, LL93, LLZ94, LCVL18, LMUZ19, LLY22, LKQ23, LLD23, lLhYfD07, LZL22, LLL22, jLyLqW17, Lu15, MMV19, MM17, Mat96, MMU20, Müh99, NP18, NW17, hPwL09, PDRG19, Pre93, RF23, RT22, Sab92b, Sab14, SSS14, SSS21]. **generalized** [SCW17, SDL+23, SCF23, Sid17, SWB08, Śmi09, Śmi13, Sol15, Spa07, Spa20, Tak17, Tam10, TM10, Val14, Val15, VPA24, Wal94, WK16, WZ22b, Wil12, XM16, YDWL15, YHZL21, YSXY19, ZRZ11, ZWW21, ZH23, ZCTD24, ZLLC11, dCOS21, dB07b]. **generalized-Sylvester** [SDL+23]. **Generalizing** [ADN17, For21]. **generate** [dCOS21]. **generated** [GP05, Kim21, Man10, TM20, VW08]. **generates** [MMU20]. **Generating** [Ter22, CFR06, JMS16, KCHD16, Lig93]. **Generation** [VVV22, CG05, OO22, Tan20, DLR24, KGN+24]. **generators** [BR17, Hua18]. **genesis** [BRZ19]. **Genetic** [CSFC04]. **genus** [Kie23]. **Geodesic** [LG08, GLV05, PTSB01]. **geodesics** [PTSB01]. **Geometric** [Ber14, JK19, RDdRC04, Uhl09, BC05b, CG09, Cas17, Dri93, HK06, IDAV09, KSB08, LWG18]. **Geometrical** [CR20, GLV05, LG08, LAH22, MP07]. **geometrically** [Maz09b]. **Geometry** [DH04, ST02, DS23, KL94, MN23b]. **Geophysical** [De 02]. **Georges** [Le 19]. **Geronimus** [CDT10, DM14].

WL22a, XCD23, ZLL+21a, ZWX19]. **Inertial** [HHF22, OIM21, RTCL21, SCD+21, Sha97, TH19a, WXT22, ALV20, BC16, Dey23, HS20, Hie19, LRL22, LSY+23, MJJ+23, Rob97, SIO20, TQY21, TQW24, TVC20, TLD+23, ZFC18]. **Inertial-type** [WXT22]. **Inexact** [AG23b, BKM03, Gon16, HSS04, JCH23, AG23a, AG19, AAN14, AGS20, AM18, BP22, BK08, CC15, DYW16, FGBP21, GO20, GZP18, HNY+18, JWCZ21, KM17, Lei15, Lin16, LM13, MsC20, MC08, MN22, MN23c, Śmi09, Śmi13, WZZ15, YDWL15, ZZY18, ZYBJ23]. **Inexactly** [BN18]. **Inexpensive** [PV22b]. **infeasibility** [Md12]. **Infeasible** [IW04, Khe12b, Khe16, Khe17, KH20, KOK21, LYY12, LS07, LPXX19, MR09, SD20, YIY22, YZLP16, Yan17, Yan18, Ye22]. **infeasible-interior-point** [SD20, YZLP16]. **infiltration** [SLLA15]. **Infinite** [BO03, HR03b, JC04, BIM+23, Cat24a, Cat24b, CP95a, CL99, Cro92, Den14b, EO94, Esp05, FLMR99, FM93, HS96, HNSH09, KH11, LPXX19, PW22, Sid20a, SS12b, SH21b, SH22, SH23, TO21, WWD+12, XCLA15, Zah09]. **infinitely** [LNS23]. **Infinity** [SVZ01, KOK21, LPGL16]. **inflection** [PSWE23]. **Influence** [GHPMGRR14]. **Information** [MCG+04, BP22, KP16, MN23c, Prz09, WT08]. **informed** [BM24a]. **Inherent** [Wri02, MHA16]. **Inheritance** [BG03a]. **inhomogeneous** [DG17, ST21]. **Initial** [CN01, Mar04a, ADA07, AE09, AM98a, AHKW05, BKA19, BAV18, BVV14, CEX14, EL01, GO21, JL12, KS20, KK12, Li17, LWS18, NBJA17, NJ13, OQ12, PGGCGF11, RKMS16, RSKB17, SL18, SW19, SS15, SS98, SA23, SZ99, Stu97, WZQ17, YSLH19, YZL20, vSv94, vdHM98]. **initial-value** [RKMS16, RSKB17]. **Initialization** [HL03, MMW20, Sch09]. **initialize** [MS11]. **injective** [Gon16]. **injective-overdetermined** [Gon16]. **inner** [DGP15, HHLM23, Ron92b]. **inputs** [YYLX23, YCW+19]. **Instability** [Car01]. **instant** [LMUZ19, YZH21]. **integer** [DGST15, GLM15, XyJl16]. **Integrability** [DS23, MT98]. **Integrable** [FSY23, ZHT15, CHHL18]. **Integral** [DV01, FHS12, JC04, Med10, MO04, WHL24, AS11, AAH20, ASS11, ASS13, AAD14, BB14a, Bic11, BD00, BG13, Bru93, CQ16, Cai22, CCJ10, CIP10, CS99, CA22, CH11, CS08, DD20, DM98b, DS09b, Esp05, EHV19, FRS21, Gau08a, Gau22, GX19, GH09b, GKV23, GMT92, Gu20, HNSH09, HVYMS23, HSTW14, HST15, IDS16, JWY21, KGH14, KSCS07, KSCS08, KKS22, LDH23, LLC20, LM21, LWN13, LJbL21, LHW13, Lyn08, Maj14, MKA14, MV17, Mic23, MNS23, MMLM20, NP18, NLT21, NNCN23, NAA19, Nor00, OdZdRV13, Pas06, PP24, Pis16, RS06, RT19, SP21, VdR13, WQL20, WHD22, WWL24, WLJ24, XL14, YY13, Zag24, ZA20, ZH23, ZLCW23, ZS19, dAFPR23]. **integral-algebraic** [Pis16]. **integral-based** [IDS16]. **Integrals** [HR03b, ADG10, CC07, Car95, CP95a, CBGVPP09, CS08, DS15, Gau11a, Gau15, GHM23, HS96, HS15, KR23, KHM20, Mac96, MM00, Maj13, Maj18, Mel10, MZ99, Pas99, Prz09, Saf10, SR16, SS12b, SH21b, SH22, SH23, XLG22, ZuI19, ZH17]. **integrand** [KHM20]. **integrands** [CvPS15, CBGVN07, XLG22]. **integrated** [BPS23, NPS09]. **integrating** [Li95]. **Integration**

[Coo03, Dab04, DL03, PW04, Sch02, ADG10, AL23, BLS92, BL98, Bou17, CM15, DDS93, Dam08, DKL15, Dze15, EO94, EG94, FHL21, Gau95, Gau12a, Gau13a, GG98, God15, HW00, HS96, HKKN12, HS15, HFW+21, Kel07, LS11, Mal21, MKBY19, Man07, MFPG07, MO19, MCMX20, Pet95, PW14, Rab92a, ROB18, SP21, SGK+99, Tov97, Tov98]. **integrator** [Don13, LZ23a, SAE19, Sha19]. **integrators** [AM98b, BC05b, CZ23, CO19, HK06, LWS18, MO10, SW19, SSH+19a, WW19, Wan22]. **integro** [DOT21, CA07, Che22, CPS12, DSI11, EED19, FH15, HCXL20, KSCS07, KKS24, LA22b, MH21, MH23, MN23a, MKA14, MG11b, PS09, PS17, RT12, SAC18, SMN24, ZXF14, ZFX14]. **integro-differential** [DOT21, CA07, Che22, CPS12, DSI11, EED19, FH15, HCXL20, KSCS07, KKS24, LA22b, MH21, MH23, MKA14, PS09, PS17, RT12, SAC18, SMN24, ZXF14, ZFX14]. **integro-partial** [MN23a]. **integrodifferential** [QQX23, WQZH24]. **Intelligence** [Ano95b]. **Interaction** [Car01, CG20, GA20]. **interconnecting** [TFPG19]. **interest** [LGL23]. **Interface** [KV04, AL23, BNN16, BV99, CFL19, CLWH20, DMW23, HHST19, JK19, Li97, RW06, WDL23]. **Interior** [IW04, AG15, AJMP11, AM18, AM13, BBO21, CWZ13, DGL06, Khe12a, Khe12b, Khe14, Khe16, Khe17, KH20, KOK21, LZ18a, Lin16, LYY12, LS07, MR09, MN11, PH14, RS20, SMZMA18, SD20, SS94, WO00, WZ11, YIY22, YZLP16, Yan17, Yan18, Yan22, ZW20]. **Interior-Point** [IW04, AG15, AJMP11, AM13, CWZ13, DGL06, Khe12a, Khe12b, Khe14, Khe16, KH20, KOK21, LYY12, LS07, MR09, PH14, SMZMA18, WZ11, YIY22, Yan17, Yan18, Yan22]. **Interlacing** [DJM08, KG23, Seg08, KJG23]. **intermediate** [CSI17, QLZX11, Sid94]. **intermittent** [DMZ20]. **internal** [MN92]. **Internality** [DDRS23]. **international** [BV96, Ano92, Ano95b]. **interpolant** [ASS13, AGN07, Mon96, RB21, dC16a, dC16b]. **Interpolants** [NSS03, AHP20, AH21, ASS11, AC94b, Ber00, BCGVS11, CF96, CM92, EM10, Gen12, LC14, MTTC22, Mer92, Mer94, TF00, Tsi07, Ver10]. **interpolating** [ALY22, BM00, BGVHN92a, CDF99, Cox93, DDS93, Ila20]. **Interpolation** [All03, Amo02, CG14, CG17, Gen12, HM06, LM01, LWC+21, Mat01, PS06, WDY04, Wen92, AD22, AL18, ACM93, AAAGAD23, Bal11, BDIR18, BC92, BF18, BM00, Ber07, Ber11, BV21, BESC22, BDS00, DOT21, BLS06, Bra96, Bro05, CDSV11, Car91, Car92, CG05, Car10, CKP19, CKP22, Cau22, CAV23, CMMP19, CT21, Cor91, CL13b, CDD13, CGN22, CY10, DF93, DZH23, EG19, EEM20, FM16, FP20, Gal93, GZ18, GM92b, GM92a, Gás99, Gem97, GI15, GLV05, GP05, Hof21, HvD93, HM07, Iva15, IN21, JKK+08, KK00, KST21a, KST21b, KK22b, LW20, LAG05, LN95, LX23, lLLVZ17, MP08, Man17, MMV17, ME95, Maz18, MT18, MS17, MSS18, MEJS19, MS23b, MNS23, MG91, MG94, MS96, Nar05b, NCC11, NL97, OKB23, PR10, PZL15]. **interpolation** [PS22, Plo93, Plo94, Pre93, PQ95, Rip93, SST92, SX96, Sid07, Spr98, Str97, Sun94a, SWG20, SG23, Tan20, Tia21, Tra93, UL18, VB92, Van07, WQ10, XZL12, ZZL17, Zha95, dB07a, dS00, dDS00, dBD05, dC22]. **interpolation-based** [AD22]. **interpolation-extrapolation**

[GF02, AMM18, Bag00, BM06, CGV22, CVLX19, CL19, CFS21, GM23, Hig97, KL94, NSM20, PM22, Pié99, SS98, TM14, ZG09]. **Iterative** [AAA$^+$18, Bog02, BKS23, Buo17, CSI16, Cic20, CGL01, DF93, De 02, GP05, Jay02, LP18, Nac99, Nac03, NPP04, RR00, SI18, SIO20, SS16, SC18, YP09, AAFL23, AUA22, AABM08, Ano17, AG13, AS14, Awa10, ANA14, BPP23, Bai97a, Bai97b, BGR23b, BHS14, BH17, BE17, Bre00a, BE98, BM24b, CSI17, CZ23, CR96b, CGPM00, Cas17, CPP14, CCL18, CKY99, CRN19, CHMT10a, DD20, Den14a, Ern00, EGSHVN15, Fan15, FT14, GA08, GHN19, GRT97, GEA20, HT16, HT21, Hai08, HJ18b, HVM15, HVMT17, HR07, HSE16, Hom94, Hom98a, jHyPlZ06, HM18b, HM18a, HM19a, HWXC19, HM14, Iva17, Jia20b, KSV23, KCBT21, KT07, KSB08, KAF18a, KAF18b, KGN$^+$24, LMMH11, LZZ19, LF19, LSG15, MN17, MM19, NHP06, NRS12, NC94, NK16, NK21, PNW17, PS16, QAS$^+$24, RFS23]. **iterative** [RIAA19, RT22, RAH11b, RA12, RR98, SKK21, SKSS21, SIE16, SCF23, SGJ15, SDMMK18, Sol15, SZX11, TAM21, TPY14, UTO24, USAF14, WO00, WZ15a, WZQT15, WDL16, Wan22, XZZ19b, XCY21, XSL22, YWWR12, YZL20, ZW14, ZY21b, ZH19]. **ITR** [CR14]. **IVP** [SGK$^+$99, Cor02, MN92]. **IVPs** [BC01b, Eba18, KP16, Kac18, Sho18, SKTGR19, CMR03, SFT03].

Jacobi [Gau11b, Gau17a, Gau19, Bhr16, DB06, DBAE09, DMS09, DJM08, DJ18, EK94, EKM03, GL07, Gau08b, Gau09c, Gau09a, Gau09b, Gau12b, Gau18, GST21, Haj16b, Har18, HD18, KG23, KJG23, Kou07, KH18, Leo07a, LGP11, LI10, LR14, NLT21, PP24, Pre93, Saa23, SS03, SSN$^+$12, SH23, VdR13, YH21, YWYN22, ZA20, ZZ10]. **Jacobi-type** [SH23]. **Jacobian** [CW19b, LG17, WGZ18a, XLW20, ZCG15]. **Jagerman** [GPGVS92]. **Jain** [AA16a]. **Jarratt** [AABM17, CHMT10b, RWB09, Sol11, WKG11, WK12]. **Jarratt-like** [AABM17]. **Jaynes** [Kar07]. **Jean** [AL04]. **Jeffrey** [NZF11]. **Jitter** [Dab04, CHH93]. **JMP** [ZLL$^+$21a]. **Johnson** [EN11]. **joining** [BESC22]. **Joint** [Ano95b, CB13, JL21]. **Jordan** [MGL20]. **Joseph** [DMW23, WDL23]. **Josephy** [AH10]. **journey** [CR00]. **Julia** [KR23, KGN$^+$24, SSH19b]. **jump** [Che22, Che24, RW06, YW17]. **jump-adapted** [YW17]. **jump-diffusion** [Che22, Che24]. **jump-extended** [YW17]. **jumps** [BT23, LGL23, OKP21, SZ21, ZWW21]. **just** [Wri95].

Kaczmarz [PP17, Pop19, CH22, EN11, HDL23, LHZ20b, PP16, Pop18a, RN21, TL23, Wu22, ZHSX23]. **Kaczmarz-type** [Pop19, Pop18a]. **Kahan** [BJNKR20, BEJR23]. **Kalman** [JS23]. **Kansa** [Kar10, KJC18]. **Kansa-type** [Kar10]. **Kantorovich** [AH10, GTA19, LWN13, LMMD05, UA09]. **Kantorovich-type** [AH10]. **Kármán** [YXL18]. **karst** [LCW20]. **Kawahara** [CMWP20]. **Kawasaki** [LZL20]. **KdV** [LKQ23, SW14]. **Keeler** [VA20]. **Keller** [KKA17]. **Kelvin** [KBP17, Pan18, ZD21]. **Kernel** [BLS06, FH00, KST21b, LRM16, MO04, AR13, AF13, BAV18, BRZS23, DR07, HSY23, Khe12a, KH20, LX23, LZ09, LYY12, Maj14, MS23c, Tan20, Tru24, WZ11, WZ15b, WCD21, KST21a]. **Kernel-based**

[KST21b, DR07, KST21a]. **kernel-independent** [LX23]. **kernels** [ASS11, Ave20, Cai22, CFM15, GZ20, HS96, KSCS08, Lev95, Lig93, ML20, MH23, SP21, TA96, WHD22, Xu19, ZXF14]. **Kerr** [JLFL19]. **Kerr-type** [JLFL19]. **key** [FEL15]. **kinase** [MB09]. **kind** [AZ19a, AAD14, Cai22, Den14a, FNS19, HVMT17, HSTW14, Hun95, IR13, LM21, ML20, MH21, NLT21, PP24, PP18, REM21, SP21, WLJ24, YZ11, dAFPR23]. **Kinds** [MC05b, MC05c, DDRS23, GMZ19, ME95]. **kinetic** [OKP21]. **kinetics** [Fly22]. **Kirchhoff** [JZYY23, KKPT16, SKP20]. **KKT** [ZL07]. **Klein** [CZ23, CG20, DMA09, Don13, LHZ20a, LV18, ZHFW21]. **Knots** [CMRS01]. **knowledge** [Bea96]. **known** [AAAA$^+$18]. **Kober** [PS17]. **Kogbetliantz** [NS22]. **Kogbetliantz-type** [NS22]. **Kohonen** [Hof05]. **Kolmogorov** [Ila20]. **Koornwinder** [KW96]. **Korobov** [DKL15]. **Korteweg** [YZZL17, YZLZ22]. **KPP** [Bou06]. **Krasnoselski** [KAF18b]. **Kravchuk** [ADGP15]. **Kriging** [AD22]. **Kronecker** [CK20, Cor91, FT05b, MMV19, YHZL21]. **Kronrod** [Bou17, DPS18, Lau07, Mon01, Not95, OPSM22]. **Krylov** [Aih17, AFN16, AFN17, BBS20, BM19, BLW09, BPS23, BEHS20, BMS24, Bre99a, BPR21, Cas17, EJR02, ED22, HE05, IS17, Jaw22, Jbi03, JL15, Jia20b, Lam09, LC19, Lun23, MB09, Mia19, MR02, PK21, PV98, RR00, Sch17, SWB08, TY96, ZS08]. **Krylov-like** [Mia19]. **Krylov-type** [IS17]. **Kulisch** [AL04]. **Kuramoto** [MK17]. **Kurchatov** [EGGSH13, HVYMS23]. **Kurchatov-type** [HVYMS23]. **Kutta** [AMCM06, Con93, Jat15, LG19, PFT98, SQG13, VH12, AH15, AMM17, AMM18, BJ98, BS14, BB14b, BD98, BC99, BJ04, CGPM00, CMR03, CT10, Che14, CQLY15, Che16b, CDI14, DJ10, EH97a, FYM14, FYYW19, FHL21, JT96, Kha14, KM19, KFK$^+$24, Li17, LT20, ME92, MV02, MC08, MKS18, MHA16, ST21, TX19, Tir02, TCW14, Tsi07, TÖ17, VV11, Ver10, Ver14, WG13, Wri02, XT16, ZYQ$^+$21, vSv94]. **Kutta-Nyström** [CQLY15]. **Ky** [Wat93].

L2 [LCZZ23]. **L2-1** [LCZZ23]. **Lacunary** [Mas05]. **lag** [SS15, SKTGR19, WXQ20]. **lagoon** [CDF99]. **Lagrange** [CF96, DP21, EEM20, GL15, JKK$^+$08, Kun01, LC14, MS23b, MG91, Pre93, SX96, SLT20]. **Lagrangian** [AHS22a, AHS22b, BW13, HSS04, SS03, TYSY20, Wit96]. **Laguerre** [Cam19, CRV91, DHM12, Gau09a, Gau14, Ghe13, KJG23, jLyLqW17, MM08b, MM09a, QW08, Ter22, XyJl16, YWZ19, YYW21]. **Lambert** [Gau11a, Joh20]. **laminar** [NM14]. **Lanczos** [BRS92, Bag00, BR06, BPP23, BEJ20, BEGG91, BRS91, BRZ98, CR99, CR02, CR12, Cdv98, CPRZV23, DB98, FGP91, GGV96, GV99, GM97, GSV96, JNS19, JLZZ23, PP21, Soo15, Van02, Vos00, Ye96]. **Lanczos-Based** [CR02]. **Lanczos-Type** [Van02, BRZ98, Cdv98, CPRZV23]. **Landau** [HP18b]. **landscape** [DMZ20]. **Landweber** [Erb15, YZL20, YPL21]. **Lane** [ITA24]. **Langemeyer** [Har20, Mat15]. **Langevin** [WC24]. **language** [MdR13]. **Laplace** [Ant22, CAB22, DW15c, HV15, KH11, Kuh13, LM14, ML10, NPR08,

WGZ18b, WQL20, WF23, ZW12a, ZLLH22, DCM+13, DCMM13].
Laplace-space [Kuh13]. **Laplacian** [ALZ21, JP14, LWD23, ZLCW23].
Large
[EJR02, GSA03, HL03, HSZ03, Jbi03, LWwCL13, AAB13, AN17, Ali23, AKB15, And22, Ano17, AGS20, AG23b, Bai97b, BLW09, BPS23, BG91b, BEH24, CDT10, CR99, CMRS00b, CH22, CC13, CL96b, CDP16, ED22, Ema96, GGN14, GHN19, GH09c, Guo16, HJ18a, HPS97, HRY19, HJ21, JVH15, JNS19, KW00, La 17, Lei15, LZ21, fLxX12, LL18, Md12, OR17, Pan96, RRS09, RR98, RR00, Rog95, SS99, SW00, ST22, Sti18, VBG96, WCLW16, WYP23, Wu22, YCL17, YXL18, ZTW19, Zha20, ZQS24, ZW20, ZZLV23, ZS08].
Large-Scale [GSA03, LWwCL13, AAB13, AN17, Ali23, AKB15, And22, AG23b, BLW09, BPS23, BEH24, CH22, CC13, GHN19, Guo16, HJ18a, HRY19, JNS19, La 17, LZ21, LL18, Md12, RRS09, RR00, Rog95, ST22, Sti18, WYP23, YCL17, Zha20, ZW20]. **larger** [Ma20]. **largest**
[BG91b, GL07, Gau08b, HM18a, wYN18]. **laser** [WXQ20]. **lateral** [BCJ22].
lattice [BDL+12, FEK+23]. **lattices**
[CG05, CG07a, JKK+07, JKK+08, LSX10]. **Laurent** [AAPR21, BHJTM92, CGV92, GCGVH92, MC05b, MC05c, Pow93, Riz18, VGM96]. **Laurent-type** [AAPR21]. **Lavrentiev** [SGJ15]. **laws** [AC17, Sar06]. **Lax** [ZZ10]. **Layer** [Boy05, SC03a, ADA07, CYM22, DL21, FY13, FHAL15, Ghe13, Ghe16, KR11, KK16, Lin05, Mot14, NZF11, NM14, NMM18, RS20, TPLB22].
layer-adapted [CYM22, Lin05]. **layers** [ALZ21, LZ18c, LZ23c, MN11].
LBMAT [FEK+23]. **LCCO** [AG15]. **LCP** [CKS16, LYY12, PPR15]. **LDG** [ZLW+13]. **LDL** [Orb15]. **Lead** [MKO04]. **leading** [MD15]. **leap** [HMT17].
Learning [CMMP19]. **Least** [BCV03, DG05, Ell93, Hei06, LMV00, LV01, MMV19, PG05, SK04, AAH20, Ari98, AAD14, BGS24a, BRS09, CR20, Dax09, DMA19, DWX17, Han22, HM22a, HM22b, HYW20, Hei07, HZ95, jHyPlZ06, HM18b, HM19a, KC23, LDN16, Lei15, LEK21, LL22a, LJ22, MMGH17, MRS93, MZW20, NC94, NK21, OLB94, Pen13, RAH11b, Rum14, SEG14, ST18, SM21, SMN24, SXHZ20, TV19, VZ93, Wu22, XXW17, YCW+19, Yua21, ZH22, ZLWZ21, ZW22, ZZ22a, ZLZ23, ZLWQ09].
least-change [Ari98]. **Least-Squares** [DG05, PG05, SK04, Hei06, CR20, Han22, HM22a, HM22b, Hei07, ST18, Wu22]. **Lebesgue**
[BEL23, CYIB12, dC22]. **leech** [AB98]. **Leffler** [WZ23a]. **Left** [MS01b].
Left-Hand [MS01b]. **leg** [KS06]. **Legendre** [Ahu09, BZV16, BK04, BK18b, CQ16, Cai22, EDAM13, ES19, GK20, HIK17, Hun95, ITA24, KSCS07, LW22, Luc97, MH21, MG11b, ROB18, SHF15, YYW21, ZJWF18, ZJZ20].
Legendre-based [ES19]. **Leja** [Chk20]. **Lemaître** [Le 19]. **lemma**
[BS21, CW08, EN11]. **Lemniscates** [PMO05, Ple03]. **length**
[BKA19, CKP19, FRR07, NR24b]. **Leopardi** [Kou07]. **Lerch** [DN24a].
Leslie [MWZL23]. **less** [And22, BESC22, EG19, EV22]. **Letnikov** [CSZ22].
Level [FAMA20, ARSS19, BMV09, DW22, GLV05, LAG05, MBR21, MT12, NG23, Rab92c, ST99, Wan18, ZZH15, vdMRS06]. **levelling** [AE18].
Levenberg [SG17, SG18]. **Leverrier** [PS06]. **Levin** [Hom92, Osa92a].

JR20, JCL16, JZYY23, JNS19, JZF+20, JHLL15, JWL20, JYLC21, JWY21, Jón93, JN99, KKPT16, KJ18, Kao20, KP96b, Kar15, KCHD16, KAF18a, KAF18b, Kaz24, Kel07, KR11, KS20, KH11, KGH14, Khe16, KH20, KOK21, KK22a, KBA23, Kno23, KKO17, KS23, KL06, KPA20, KH18, KLL10, KJO23, KK12, KB20, KGN+24, KHM20, KP22, LLAL21, LP08, LP12, Li95, LMMH11, LLS11, LWwCL13, LYW14, LHW17, LG18, LZ18a, LWZ18, LLL18, LRC19, LHR20, LLX20, LLY22, LZ22a, LZ22c, LDH23, LDX23, LLD23, LZ23a, LM14, LZ15, LZ16a, LZ18b, LX23, LZ16b, LZL22, LZL23, LNS23, LGW14, LS15b, fLxX12, Lin16, LLL22, LHL11, LM13, Liu14, LWQR15, LSW16, LM17b, LRY18, LL18, LF19, LDL+19, LLC20, LS20, LW22, LH23, LZ23b, LZ23c, LCGH23, LX24, LTP18]. **method** [LWN13, LA22b, Lor19, LKK21, LG95, LKKM15, LCW21, LPXX19, LXP20, LV21, MKG24, MBG19, Ma20, MS20a, MGL20, MsC20, MH21, MH23, MJJ+23, MBJ17, MAS17, MC08, MN17, Maj13, Maj14, Man21, Mat15, MHR23, MFPG07, MM09b, MB06, Meh11, Mia19, MZ19, Mil13, Mil20, Mil19, MNS23, MS14b, MS23c, MDH16, MDL15, Mok16, MR96, MN23c, MRS06, MPB16, MSMS12, MSM12, MS13, Mot14, MWWY13, MM11, MA12, MAFN16, NAHZ21, ND21, NRV23, NJ13, Nie93, NP22, NEMS14, NAE22, NAA19, Now06, Now13, NW17, OdZdRV13, OBAHK+19, OL23, OAMA22, OOO11, Pan96, PQS22, Pan18, PFT98, PG12, Par16, PC13, Pea13, PLZ+24, PPPN23, PRK+18, Pie96, PV00, PK22a, PK22b, Pla99, PR93, PN21, QL12, QXGZ20, RFS23, RKMS16, RR20, RMT13, RBN14, RT19, Reb97, RN21, Ree92]. **method** [RT22, RZ23b, RSZ20, RWB09, RAH11b, RWTW19, RWTM21, RM13, RW06, Saa23, SS99, Sad99, SAC18, SSS14, SP21, Sal17, SLW13, SSS21, SHF15, Sch08, Sch17, SEG14, Seg98, SMZMA18, SB21, SW14, SWS22, SW24a, SS12a, SGS13, SLD20, SIO20, SHLY18, SSYL20, SS06, SW11, SCDM20, SDL+23, SCF23, SFS23, Sho18, SGJ15, Si12, SLT20, SS21, SR22, SSK23, SS24a, Śmi06, Śmi13, Sol11, Sol15, SMN24, SJ14, SYLT14, SG17, SG18, SXHZ20, SJW21, Soo15, SA23, SSSS22, SGK+99, ST98, SZX11, SG23, SLL23, SW24b, Sut17, TT21, Tai92, THF21, TO21, TH23, TYSY20, Ter23, TBY13, TH18a, TVC20, TLD+23, THS20, TY96, TA13, TL24, THT19, Val14, Val15, VC10, VdR13, VRM23, VDVJB12, VPA24, VL19, VLCL16, Vos00, VT10, VN18, VS19, WC23, WT08, WGK11, WKG11, WK12]. **method** [WSY12, WZ13a, WW14, Wan15b, Wan15a, WZQT15, WZ16, WCLW16, WZQ17, WGZ18a, Wan18, Wan19, WLMA21, WHD22, WXT22, WL22a, WZC23, WDL23, WQ23, WLJ24, Wei17, Wei18, WRM17, WLY+21, Wit96, WB17, WC10, WWD+12, WC13, WZZ15, WL17, WPL18, WCD21, Wu22, XW18, XLW20, XZZ22, XCD23, XZW13, XL14, XH20, XWX24, Yak95, YAT20, YWX14, YYL15, YZLP16, YW17, wYN18, YJ18, YSLH19, YZL20, YPL21, YZ21, YF22, YK22, YXS22, YLYZ23, YSLL23, YZ23, YHS18, YZBJ21, YL22, YL16, YJJ+21, YZ11, YJX15, YYW21, Yua21, YLL22, YZLC24, ZR17, Zaf22, ZA20, Zas22, ZZ17, ZHSX23, ZWWW20, Zha11, ZW12a, ZY13a, ZJ14, ZHT15, Zha15, ZD15, ZZY18, ZFC18, ZSF18, ZZ19, ZYX19, Zha19, ZJZ20, Zha20, ZBX21, ZY21b, ZYW21, ZD21, ZL22b, ZZ22b, ZL22a, ZF22, ZLLH22,

ZLH22, ZZ23, ZL23, ZWXX24, ZH17, ZWG18, ZWW21, ZH23, ZYBJ23]. **method** [ZG12a, ZG12b, ZLV17, ZV19, ZV21, ZZZ22, ZCG15, ZL17, ZS08, ZCS14, ZW15, ZPX21, ZWX22, ZJ23, ZLS24, ZCTD24, Zhu15, ZYLN18, ZXL23, ZLTA16, ZS13, ZD18]. **Methods** [AH03, Ano05b, BCN$^+$16, BKM03, Bre02, BZ02, Bre03a, BJ02, BO02, But02a, BH02, BJ04, CVA01, CO03, Che02, De 02, DOS03b, EJR02, FG03b, GPP01a, GR01, IW04, Jay02, Jbi03, KB02, LS03a, LM04, Lui02, Mar04a, McL02, MR02, NPP04, NKS04, PR03, PL04, RS02, SFT03, SME03, Tir02, Van02, Wri02, AAA$^+$18, AD22, AH11a, AHP20, AHIJ22, AHJ22, AHJ17, AMM11, ABS19, Ahu09, Aih17, ASZ23, AMCM06, AK15, ABKD23, AH15, ABI20, ABI22, ABI23, AH14, And22, AAH18, Anh19, ATT21, AT21, Ano17, ALZ21, AMM16, Ant18, ASHF21, AH09, Arg10, AH12, AM16, AG17, Ari98, AKT15, AKKT16, AKQ17, Axe99, AK00, ANA14, AFN16, AFN17, BKG15, BKR18, BKA19, BD09, BD10, BBS20, Bag00, BR06, BPP23, BMR97, Bai97a]. **methods** [Bai97b, BBC11, BZ13, BRY14, BH22, BLW09, BRZ18, BGR23b, BBBC20, BBO21, BJ98, BHS11, BOW21, BCM16, BEJS21, BHS14, BH17, BJT24, BR07a, Ber10, BBB22, BCT15, Bia94, Bla15, BE20, BMS24, BRZ96, Bre99a, Bre99b, Bre00a, BRZ19, BRZ20, BF99b, BCI14, BS14, BMR19b, BV09, BGZ20, BB14b, BBL22b, But98, BD98, BC99, BC01b, BC01a, BH05, BH09, But10, BI14, But15, CWZ13, Cai22, CE17, CGPM00, CR12, CCV23, CW19a, CCJ10, CIP10, CJ12, CJSZ14, Cas17, CS99, CZ94, CZ95, CZ96, Cdv98, CT10, CTS09, CL13a, Che14, CQLY15, CGYZ19, CLWH20, CZM21, CL10b, CH11, Che19, CN16, CN17, CV22, CEK21, CL93, CGL99, Con93, CDI14, CDP16, CHMT10a, CKKT16, CRHTV24, CPN14, Cuy00, CK06, CHK14, CKS16, DJ10, DFJP10, DEP12]. **methods** [DDP14, VV07a, VV07b, DHJJ10, DEC24, DD21, DMA19, DW21, Die08, DLL$^+$24, Don10, DBGB11, DR07, DZ21, lDzS21, DMW23, DLLD17, Dzu13, EG10, Eba18, EKPU23, EHTSM21, EHN17a, EHN17b, Erb15, Ern00, EGSHVN15, Fan19, FYM14, FYYW19, FHL21, Far20, FHS12, FH15, FT14, FGP91, FHH96, FRR07, FGR01, GH10, GA15, Gal18, GD15a, GP99, Gar20, GG22, GHN19, GX19, Gon16, GPHHAPR18, GLV05, GS19c, GNT24, Guo13, Gut15, HT21, HH11, HH12, Hal14, HJ18b, Har18, HT19, HHF22, Hea10, HR14, HVYMS23, HPS97, Hey01, HE05, HMA16, HR00, Hil10, HCH18, Hu22, Hua94, HZ15, HM18a, HWXC19, HYJ20, HM14, IMT23, JT96, JKM18, Jay21, JS15, JLJ22, JM93, KCBT21, KT07, KNBGV18, KD14, KMZ18, Kee94, KL22, Kha14, KS14, KMA13, KJ15, KKM20, Kul10]. **methods** [KK16, KGMH21, KV12, LS14, Lam09, LP13, LEK21, Li97, LW13, LW14, LW16, LY17, LG17, LM17a, Li17, LDW18, LG19, LC19, LRL19, LD21, LZ21, LGC24, LZZ19, LCH20, Lin98, LT20, Liu11, LSW16, LX17, jLyLqW17, LD20, LSY$^+$23, LH23, LZZ24, Lóc18, Lóc20, Loh22, LJbL21, LSG15, LSSS15, Lun23, LHW13, lLXhL22, ML20, MY22, ME92, Mac96, MA16, ML22, MAH22, MP07, MCW22, MJH17, MJ18, MJ20, MVVA08, MM19, MR12, MT18, MN23b, MV17, MG20, MG21, MClXzJe16, MG11a, MSZ20, MH08, MP13, MKS18, MRS10, MG22, MHA16, MS96, NBK17, NW19, NHP06,

LYL15, LF19, LDL+19, LLC20, LSY+23, LWZ23, LCZZ23, LCGH23, LZZ24, LA22b, lLXhL22, LV18, LV21, MJJ+23, MD21a, MBJ17, Man21, MK98, Md12, MM12, MG21, MA22, MG11b, MP13, MLM19, MS13, MH22, NBK17, ND21, NHP06, NEMS14, OQ12, OL23, PV23, PED15, PSZ23, PLZ+24, PS16, Pie96, QLZX11, QZG+19, QXGZ20, RSKB17, RGJ10, RM11, RT12].
nonlinear [RR98, RR00, RM13, RG10, SPV20, SS11a, SFMK23, SW24a, SGS13, SA14, SY20, Shi96, SW19, SCDM20, SZ23, Sid20b, SSK23, SS24a, Śmi09, SS16, Sol11, SG18, SHGL22, SX00, USAF14, Van19, VSA12, WG13, WH15, WZ15a, WZQT15, WCLW16, WGZ18a, WZ19, WWBM21, WLZ22, WSLL24, WQZH24, WHS20, WZ22b, WLY+21, WC10, WWD+12, WC13, WZ23b, XLW20, XWX24, YIY22, YYL15, YH21, YZ21, YJ21, YJJ+21, YP09, ZR17, ZA20, Zha09, ZLG+13, ZHT15, ZJWF18, Zha20, ZY21a, ZHFW21, ZYW23, ZWXX24, ZW20, ZCG15, ZYW22, ZJ23, ZLS24, ZLLC11, ZTZZ19].
nonlinearities [JU22]. **nonlinearity** [Liu21, MP22, ZQzS22]. **nonlinearly** [KLT95]. **Nonlocal** [TDKB24, BSF17, HKCW24, KK22a, LZ09, ZS13].
Nonmonotone
[ABKD23, CC13, FGBP21, GPP01a, KJ15, AA12a, AAN14, BKR18, BKA19, DHF21, DMT22, HWC15, LLL18, LM13, PZ20, SW11, Ye22, ZLLC11].
Nonnegative [DLC14, WD95, ANI15, ANI+17, DLDW21, GLL19, HNY+18, KLW+23, LP08, LP12, LP13, MVG21, NK21, SXHZ20, wYN18, ZYBJ23].
nonnegativity [BHLZ21, BPR21]. **nonnormal** [AC94b]. **nonoverlapping** [ETY98, WRM17]. **nonpositivity** [Hua18]. **nonrelativistic** [CZ23, MY22].
nonresonance [ACE99]. **nonsingular** [BHLZ21, FS23, HWXC19].
Nonsingularity [HBP13, Kol06]. **nonsmooth** [BGRS12, DEM94, KJO23, LX24, MAS17, MC08, MN22, MN23c, PW22, PDS+23, PSS22, SW24a, Śmi13, SG17, mTLbJlL14, VPA24, WL24, You16, ZXL23]. **nonstandard** [CMP22, Gau09d, HSL19, PV00]. **Nonstationary**
[Cha04, SKSS21, BCJ24, Cic20, Don12, HRY16, LD21, WQ23].
Nonsymmetric [BEGG91, AAPR21, AL09, BBS20, BC94, BEJ20, BRZ98, CS94, Cdv98, Don10, DBGB11, Ess98, HWXC17, HWXC18, LZ15, Sad99, Sch17, TT21, YWX14]. **Nontensorial** [SVZ08]. **Nonuniform** [KPT23, PS01, LCZZ23]. **nonuniformly** [dBD05]. **Nordsieck** [BCJ97, BJ02, BO02, CJ12]. **Norm** [BM94, ASW06, AS08, BGS24a, CYM22, Coo09, FHC21, HYW20, HM18b, LEK21, LPGL16, LZlL20, LCH20, LRL22, LZX22, LI10, MS24, Meu97, Meu99, Meu05, MT13, MT14, MT19, MT23, Not12, OIM21, Szy06, TLD+23, WC23, ZFZ19, dAFPR23]. **Normal** [CD99, Che01, CD96, FLV14, MT15, MZ99, MK97, ST23]. **normalized** [YCW+19]. **norms**
[Bea96, CMMP19, MT15, RS21, TM20, Wat92, Wat93, Wat94]. **Note** [CVA01, LYH+20, ASV23, And22, Cao12, CC15, DM14, FHH96, HLC15, Huc92, Iva15, KW96, LB93, LZ19b, MVV05b, Nie93, OdZdRV13, PGGCGF11, PRVI20, Pol10, Sab92b, Spa07, Spa20, VGV06, ZJ14]. **notes** [All08a]. **notion** [GS16a]. **Novel**
[ALB+18, GS16a, LWLT19, Liu21, SSN+12, TDKB24, TRSI23, ALQ17, BX19,

CLA11, DM98a, GPAA14, Hal14, KN23, KE16, LKQ23, MKG24, REM21, RR22, SA14, SDL+23, TCOA19, TCW14, WLMA21, XW17, YJX15, YXL18]. **NPTool** [LP13]. **NSS** [DWC18]. **NT** [Khe17]. **nuclear** [ZFZ19]. **null** [KMA13, RT20, ST22, Tak17, TM10, THT19]. **null-space** [ST22]. **number** [Ber11, BGL07, Dea15, DBV23, DM92, KN21a, KN21b, MDR23, XCLA15, YZH21]. **numbers** [CL11, DL97, DP16, Kal00, LJ22, MZW20, ZW22, ZLWQ09]. **Numer** [BRS92, CZ95, CP95b, Gau11b, Tov98]. **numeralgo** [RZ99b]. **numerator** [PP92]. **numeric** [EAB20, Mil17, MCMX20]. **Numerical** [AHP20, AA03, ALW98, AAH20, ADG10, AR13, AK16, BK97, Bin96, BV99, BBB+06, BV96, Bre99b, BH02, CE17, Car01, Car95, CGN03, CLTA10, CLT+13, CC16b, CC18, Coo03, CCK04, DWZ14, DV01, DL03, DVJBN03, DKL15, DW97, DLLD17, DLDW21, FWC16, FH15, FRS21, Gau12a, GNS22, GG98, GH09b, GHM23, GST02, GO21, HJ18a, HT23, HCL21, HNSH09, Hof05, HS15, HFZ19, Hua21, ICR06, Ixa21, JP14, JS21, JL16, JLX22, Kam15, KGH14, KSCS07, KZ03, LZ12, LD20, Lyn08, Maj13, Mat04, MJF09, MN23b, Meu99, Mic23, Mok16, MO04, NW04, NLT21, PP05, PED15, POP17, PL04, PS20, Pis16, PS01, PS17, PV03, Rab23, RS20, RR20, SST92, SER02, Sch02, SLA11, SLLA15, SY20, SS08, Smi97, SZ21, TE03, TDKB24, Tem97, TBY13, Tom11, USAF14, Vig04]. **Numerical** [WYZ22, WHL24, WZS14, YLYZ23, ZM94, ZWWW20, ZJ08, ZLT+17, ZYJY22, aZ19b, ZKD02, ZKD04, ALB+18, AG15, AZ19a, ASS13, AA15, ADA07, ABI20, Ant18, AH18, AAD14, BPR22, BS17, BV93, BCM19, Bel99, BT14, BCM07, Bic11, BC05b, BZS22, BR17, Bra07, BMR19b, Bru93, BBL22b, But10, CWZ13, CHYZ98, CM98, CM15, CC07, CP95a, Che19, Cho17, CPN14, DS21, DDS93, Dam08, DD21, DM98a, DM98b, DS09b, DTI09, Des17, DH18, DL97, Die08, DW15c, Dra00, EG10, Eba18, FHL21, FT05a, FS01, GZ18, GMZ19, Gau95, Gau08a, Gau13b, GL12, Ghe18, GK20, God15, GPAA14, GO06, GL19, HH11, Hal14, Han96, HV15, HCBAEC23, HLTA16, HL17, ITA24, IJE15, IJSS16, JLP20, JXX+23, KS18a, KN23, KM24, KL17, KS20, KKO17, KM09, Kuh13]. **numerical** [KK12, KK16, KK17, LLZ18, LHZ20a, Lin16, Lin98, LA22b, Luc06, LG95, LV21, MN23a, Mal21, MKBY19, Man10, MS23a, MFPG07, MB06, Mel10, MWZL23, MZ19, MNS23, MR96, MN11, Ngo23, OQ12, OKP21, PSS10, Pen98, PV98, PV00, Rab92a, RC14, RGJ10, RMT13, RhG15, Riz18, RB17, RR22, SAC18, Sal05, SHF15, SW14, SDL+23, SS15, Sho18, SKTGR19, SR22, SS12b, SYLT14, SZ20, TS18a, Tov97, Tov98, Uhl09, VC92, VH92, VT10, VN18, WXQ20, WCHK21, WSZ21, WWBM21, WZ23a, WF23, XCY21, XLG22, YYLX23, YJX15, Zaf22, ZuI19, ZYX19, ZXL23, ZE10, dC16a, dC16b, Gau13a]. **Numerically** [Ver10, DGST15, MD21a]. **Numerov** [JSF13, Moh10, MK17, SFT03]. **Numerov-Type** [SFT03]. **NURBS** [CLaL00, KGD03]. **Nyström** [AMCM06, CQLY15, Con93, DDP14, DL18, Jat15, LG19, Mon96, PFT98, SQG13, Som05].

Object [NPP04, CV92, OBAHK+19]. **Object-Oriented**

WZC23, ZYQ+21, ZY23, ZQS24]. **principles** [PZ20]. **prior** [LZ22b]. **priori** [BGR23a, KKS24, LKK21, SKP20, WZ22a, ZA20]. **Probabilistic** [Stu97]. **probability** [GM21, HDL23, LD20, WZ23b]. **Problem** [ABMV03, BBHM03, Bog02, CGN03, CSFC04, CN01, LV01, Mar04a, SR04, SME03, AMM11, ALV20, ADA07, ACE99, ARSS19, BAV18, BEM99, BVV14, BBCS21, BH92a, Bia12, BFKM20, BFK22, BZS22, BCJ24, BM24b, BGVHN92c, Buo17, BGZ20, CMD19, CEX14, CLGS17, CCL18, CC18, CZM21, CFRV23, Cor91, CKM19, CL13b, CGN22, CRV91, CHK14, DLL13, zDYG18, DD20, DD21, DS09a, Den14b, DWX17, Don16, DJG18, DZ22, DLDW21, El 18, ER19, FAMA20, Far20, GD15a, GHC15, GWL18, GPGC98, GD15b, GO06, GO21, HT16, HT21, HJB18, HM22b, HZ95, HFZ19, Hu22, HNY+18, HM19b, IJSS16, IUM+19, JHLL15, JM00, JN99, JRRS08, KZS21, KAF18a, KAF18b, KPC20, Khe14, Khe16, KMA13, KPS22, KS18b, KPA20, KLZV95, KLW+23, Kun05, KP22, LMV00, LLZ94, LLS11, LY18, LDX23, LL20b]. **problem** [LCL21, LJ22, LZ23b, LG95, LXP20, MWsC19, MM00, MM19, Med10, MS24, Mez22, MT93, MK17, ML10, NPR08, OIM21, OMW21, OR17, PKC18, PL99, Pan20, PV23, PYD23, PPPN23, Rab23, Rad08, RS06, RZ16, RT20, RT22, RTTH22, RT24, Ria16, RS93, RVF07, Saa23, SCD+21, SR16, SW24a, She15, SCF23, SMNZ20, SFZ22, SW07, SR24, SG10, Str09, SC18, TKSG23, TAM21, Tak17, TPLB22, THT19, VPA24, Vul97, Wan17, Wan18, WZ22a, Wit96, WK20, WL22b, XHZ07, XZZ22, XZW13, XWX24, Xue95, YZL20, YPL21, YZ23, YZ11, YLY12, ZE12, ZM94, ZBDK23, ZW12a, ZW14, ZZH15, ZYGQ17, ZZ19, Zha19, ZJZ20, ZZZ20, ZLWZ21, ZLH21, ZL22a, ZW22, ZZ22a, ZLZ23, ZWX19, ZW20, ZY13b, ZW15, ZZ18, ZLCW23, Zhu15, ZWY22, ZD18, CGR12]. **Problems** [AKW02, AKKW03, BD02, Bel03, BCV03, CR02, EGSV04, FG03a, FG03b, GC04, GLC22, HSZ03, Kol04a, LS03b, MT04, Nac03, The97, PV03, SK04, TC05, Tsu02, WSY04, ALQ17, AAA+18, AS10, AR13, AHC05, AMCM06, AMR23, ÁCL11, ABL...12, AE09, ABI20, ABI22, ALZ20, AJMP11, AAH18, Anh19, AT21, ATT22, AA12b, AM18, AM13, AHKW05, AKPW05, AK09, AFN16, AFN17, BPR22, Bac18, Bac20, Bac21, Bac23, BBS20, BMR97, BD06, BZ13, BS17, BLW09, BGR23b, BBBC20, BD17a, BCK06, BGRS09, BGRS12, BBL23, BF18, BH11, BGS24b, BPV13, BFK11, Bic24, BM97, Bla15, Bog13, BC16, BRS09, BE98, BS14, BMR19b, CSI16, CSI17, CSI18, CCZ23, CR99, CMRS00b, Cal20, CB16, CW19a, CW21a, CZ94, CZ95, CZ14, CC15, CR20, CW14, CLWV15, CD15, CM16, CFL19, CGYZ19]. **problems** [CLWH20, CJK22, CYM22, CRN19, CCJ99, Cho17, Cho16, CW17, CDD21, CL93, CGL99, CJ17, CVX16, CDS20, Cro92, CsL24, DLL12b, DLL12a, DG17, DMA19, DBH21, DC17, Den14a, DHF21, DMT22, DEM94, DBAE09, Don10, DBGB11, DYW16, DI11, DLLD17, DSS14, DR12, DNR15, EDAH12, EE18, EH97b, EP97, EM07, ETY98, Fab16, Fan15, tFZyZ16, FYYW19, Fan22, FG07, For93, FR18, FH00, GEP14, GEP16, GEP19, GHN19, GX19, Gha16, Gha18, Ghe13, GH09c, GS16b, GPHHAPR18, Van12, GL15, GRT97, GK21, HS20, Han96, Han94, HHF22, HR14, HVMT17, HMA16, Hie18, Hie19,

HRAH22, HKPW19, HL23a, Hua96, HLZ14, HWXC17, HWXC18, HRY19, HWXC19, Hua20, Huc92, IDS16, IS17, IMT23, JKM18, JL12, JRS09, JR20, Jia20b, JWCZ21, JSZ22, JLX22, JCH23, JK19, JA22, Jón93]. **problems** [JS23, JM18b, KW00, KST06, Kar10, Kar13, Kar15, KJC18, KLT95, KM17, KMZ18, Ke21, KS20, KS12, KD18, Kno23, KMS05, KS23, KJO23, KSW09, KK12, KK17, KKS22, KZ21, LP18, Li97, LWM10, LHZ10, LZ14, LL16, LY17, LDL17, LM17a, Li17, LWZ18, LL20a, LZL20, LYH$^+$20, LLX20, LlLZ21, LZOY22, LLY22, LJ11, LZ15, LAN18, LZ18b, LZL22, LZL23, LDC10, LS15b, LCH20, fLxX12, LRL22, Lin05, LRZ12, LHL11, jLyLqW17, LW17, LWS18, LZ18c, LZX22, LJbL21, LRM16, LKK21, LPXX19, LZ22d, MS20a, MsC20, MSCB93, MN17, MK98, MMV19, MMGH17, Mar93, MRS93, MO19, MB06, MZW20, MG20, MG21, Mia19, Mil20, Mil18, MS20b, MS14b, MN08, MSS11, MN22, Moo20, MRS06, MRS10, MPB16, MG18, MN11, MH22, NM14, NBJA17, NRS12, NJ13, NMM18, NV21, Nie93, NEMS14, NK21, NR12]. **problems** [OQ12, OdZdRV13, OLB94, gOM14, OAMA22, PKC19, Pea13, PT17, PLH20, PDS$^+$23, PK22a, PK22b, Pla99, PPR15, PR93, PLVB11, Pot19, PSS22, QL12, RFS23, RKMS16, RR20, RGJ10, RMT13, RBN14, Ree92, RTCL21, RRS09, RR13, RSZ20, RAH11b, RWTW19, RCW22, RR98, RR00, RSCH$^+$19, RB17, Rum14, SPV20, SM17, SEG14, ST18, SWS22, SM21, SIE16, SI18, SCW17, SHLY18, SW19, SS15, Si12, ST21, SN22, ST99, SDMMK18, SJ14, SG17, SG18, SXHZ20, SA23, SSSS22, Stu97, SS94, SLL22, TS18a, THF21, TQY21, TQW24, TO21, TG20, TYSY20, TBY13, Thi93, TH18a, TH18b, TH19a, TH19b, TVC20, TTLD20, TDC21, TRSI23, Tom11, Van07, VTV22, VMMD21, VT10, VN18, VS19, WZ13a, WJW14, WDL16, WZQ17, WCW20, WL22a, WYP23, WL24, Wat93, WCM94, WZS14, WPL18, Wu22, XM16]. **problems** [XXW17, XCD23, XZP$^+$20, XP23, YWWR12, YDWL15, YH21, YF22, YWYN22, YSXY19, YZLC24, Zah09, ZA20, ZH22, ZRZ11, Zha11, Zha15, ZZY18, ZFC18, ZL22b, ZZ23, ZH19, ZLV17, ZV19, ZV21, ZZLV23, ZS08, ZLWQ09, ZLLC11, vSv94, vdHM98]. **procedure** [ABT07, BGR23b, CPRZV23, HS96, LSY$^+$23, RZ16, Shi96, ZD15, ZYGQ17, ZYJY22]. **Procedures** [Bre02, DLL04, AG13, Bre00a, VVV22, CP93, CP95b]. **Proceedings** [BV96]. **process** [BRZ19, BE98, Dax17, FJ96, GGN18, GLRSG08, HVM15, HVMT17, JL21, PRVI20, PDRG19, Sid17, SCS18, TAM21, TH19a, YLYZ23]. **processes** [BM09, DMYT23, GKL21, HR07, SKSS21]. **processing** [ABK22, ABKD23, BKPS93, BH11, FM99, OB16]. **producing** [JJ24]. **Product** [BG03a, GGV02, ACM93, BH01, CE94, CK20, DGP15, FT05b, HPS13, Hua21, Jia06, LN10, MS15, OB16, Rab05, SP21, XQZ24, YHZL21]. **Products** [DL01, Str93, CL99, HL15a, HHLM23, MMV19, Ron92b, Str97, TK94, YHZ20]. **profile** [MM23]. **program** [Góm99, KLZV95, ZGLH24]. **Programmable** [LLQ17]. **Programming** [Dos03a, GC04, IW04, Zil01, dSCS04, BBO21, DGL06, FM93, GWW15, GZ11, HBP13, JYLC21, KS18b, Kub23, LWM10,

HKKN12, KXXW21, LMV23, MFPG07, Mon01, RR13, SH22, SH23, TS18b, VPL97, WL00, Zag92]. **runaway** [SSH+19a]. **Runge** [KM19, AMCM06, AH15, AMM17, AMM18, BJ98, BS14, BB14b, BD98, BC99, BJ04, CGPM00, CMR03, CT10, Che14, CQLY15, Che16b, Con93, CDI14, DJ10, EH97a, FYM14, FYYW19, FHL21, JT96, Jat15, Kha14, KFK+24, Li17, LG19, LT20, ME92, MV02, MC08, MKS18, MHA16, PFT98, SQG13, ST21, TX19, Tir02, TCW14, Tsi07, TÖ17, VH12, VV11, Ver10, Ver14, WG13, Wri02, XT16, ZYQ+21, vSv94].

S [Ano00d, GLRSG08, RS20, LL20a]. **S&P** [AWL+24]. **S-QN** [LL20a]. **S.S.O.R.** [MS02, SMB02]. **Sabin** [Rip93, WD95, WD96]. **Saddle** [LS03b, WSY04, BBS20, CZ14, CC15, CM16, DYW16, tFZyZ16, HT21, HWXC17, HM18c, HWXC18, HWXC19, HM19b, Hua20, JWCZ21, JCH23, KM17, KKO17, LM17a, LZ15, LZ18b, LXZZ21, LZ22d, RCW22, SM17, ST22, SCW17, WZ13a, WDL16, XM16, YDWL15, ZRZ11, ZWY22]. **saddle-point** [DYW16, HT21, LZ15, LXZZ21, YDWL15, ZRZ11]. **Safe** [PHI98]. **Safouhi** [SS14]. **Sahalia** [LGL23, ZWW21]. **Sahalia-type** [LGL23, ZWW21]. **sample** [DWX17, JB22, JR20, JSZ22, KKV22, KJ15]. **sampled** [BW93]. **sampled-data** [BW93]. **samples** [AAAGAD23, BT23]. **sampling** [Ash16, AAA17, Ash19, AP21, AAH24, Gor18, Kow00, LX17, Man07, MW24, MN23c, Tam10, UTO07]. **Sandro** [BT14]. **sandwiched** [DMYT23]. **Sard** [Ehr97, HMS11]. **Sard-optimal** [Ehr97]. **satisfactory** [DGST15]. **satisfying** [Bag16, CG09]. **SAV** [HZX21, JY23, LZZ23]. **SB** [DLL12b, DLL12a]. **SB-matrices** [DLL12b, DLL12a]. **scalable** [DHV22]. **scalar** [CZ20, DHV22, Kac18, LMUZ19, LL22c, PGGCGF11, XT16]. **Scale** [Boy05, GSA03, Hea10, AAB13, AN17, Ali23, AKB15, And22, AG00, AG23b, BLW09, BPS23, BEH24, CH22, CC13, DS20, GHN19, Guo16, HJ18a, HRY19, JNS19, KW00, La 17, LWwCL13, LZ21, fLxX12, LL18, Md12, RRS09, RR98, RR00, Rog95, ST22, Sti18, WCLW16, WYP23, YCL17, Zha20, ZW20]. **Scaled** [DMA19, KZ03, LZ21, And18a, BKA19, BE20, CL21, ODL21, Zag24, ZW22, ZLWQ09]. **scales** [Zaf22]. **Scaling** [GPP01b, LG04, Ari98, BK16a, Fly22, LZ18a, LZ22c, VGV06]. **scan** [BKPS93]. **scatter** [HHLS21a, HHLS21b]. **Scattered** [Rip93, AF94, Bro05, CF96, CK05, CDD13, CM05, GI97, Hof05, IL05, LW20, Nar05b, Sch08, WD96]. **scattered-data** [Nar05b]. **Scattering** [ZKD02, ZKD04, BE98, GH06, GH09a, HLS10]. **Scheme** [Dum03, EGSV04, SS03, ASGGRG23, AUA22, AE09, BCL00, BS17, BF20, BW15, BZS22, Bra06, Bra07, CL10a, CEX14, CXL16, CSZ22, Che22, Che24, CV15, CJKL23, CJ20, CMP22, DL21, DMYT23, DZ19, DZ22, ETY98, GLLJ12, GD15b, HHST19, HKE97, HP18b, Hei07, HMS96, HL20, HSY23, JJ24, JLFL19, KN23, KLF17, KLB10, KK17, Laz99, LWD23, LZlL20, LlLZ21, LL22b, LKQ23, LKBF17, LW17, LS20, LWZ23, LCZZ23, lLXhL22, LV18, MMW20, MWZL23, MClXzJe16, MA13, MN11, Ngo23, PKR20, Pen98, RF23, RR22, Son93, Str05, SZ20, SzS21, SYZ22, VA20, WLL12, WG13, WH15,

LlLZ21, LZOY22, LZM23, LWS18, LDL+19, LW22, LWZ23, LXP20, LV18, MWZL23, MWWY13, Pan18, RF23, SW19, Sho18, SYLT14, SZ20, SzS21, VTV22, WHZ+18, WWBM21, Wan22, WQZH24, WLY+21, WWM21, XYZ14, XZZ22, XH21, YZLZ22, YYL15, YZY+14, ZP17, ZYW23, ZLS24, vdHM98].
seepage [CW17]. **Segel** [KKA17]. **Segmentation** [GLV05, dADdRC04, FLG08, GLRSG08, LAG05, RC14, SMA99, XW17]. **segments** [CCV07]. **Seidel** [DLL+24, RWTM21]. **SEIR** [ALB+18]. **Selected** [Mil13]. **selecting** [OOO11]. **Selection** [CVA01, Cse04, MT04, ABT07, BG11, CPZ14, Kac18, Len93, LXP20, Moo07, SS21, WCM94]. **selections** [HWCR19]. **Selective** [HT19, RC14]. **Self** [AV19, TKSG23, Bno21, CHY19, FSY23, GNS22, HK14, JA22, LZ22c, LG95, PV22a, RFS23, RTTH22, RT24, TG20, TA13, TN10, ZH19, ZW15]. **Self-adaptive** [AV19, TKSG23, Bno21, CHY19, FSY23, JA22, RFS23, RTTH22, RT24, TG20, ZH19, ZW15]. **self-adjoint** [GNS22, LG95]. **self-consistent** [HK14]. **self-referential** [PV22a]. **self-referred** [TN10]. **self-scaling** [LZ22c]. **Semi** [LW04, LZ15, LZ18b, LDC10, SS03, BIM+23, CC15, CL13a, CLWH20, Cro92, tFZyZ16, FSY23, FM93, Van12, HDP18, KH11, KR07, LPXX19, Maj13, MM08a, MFK+15, MSMS12, PW22, SS12b, SH21b, SH22, SH23, SS24b, TO21, TB19, YWX14, YBK+21, Zah09, ZZ19]. **semi-analytical** [MFK+15]. **Semi-Classical** [LW04]. **Semi-convergence** [LZ15, LZ18b, CC15, CL13a, YWX14]. **Semi-definite** [LDC10, tFZyZ16]. **semi-discretizations** [FSY23]. **semi-finite** [Maj13]. **semi-implicit** [TB19]. **semi-infinite** [BIM+23, Cro92, FM93, KH11, LPXX19, PW22, SS12b, SH21b, SH22, SH23, TO21, Zah09]. **Semi-Lagrangian** [SS03]. **semi-linear** [CLWH20, Van12, HDP18, SS24b, YBK+21, ZZ19]. **semi-porous** [MSMS12]. **semi-regular** [KR07]. **semiaxis** [DFD23]. **semiclassical** [AKKT16]. **semicoarsening** [PV00]. **semiconductor** [NAR05a]. **semidefinite** [HBP13, Ke21, Khe12a, KOK21, Lin16, LCW21, MR09]. **semilinear** [CJ20, HZX20, KLL10, LSW16, Vul97, VT10, WW19, XH20, XWX24, YZ11]. **Semilocal** [CWL16, HVMT17, HM14, Jai16, WGK11, WKG11, WK12, WK13, WK16, WK17, ZG12b, HVM15, Hua94, Iva17, LLL22, QAS+24, ZG12a, Jai17]. **seminorm** [Zha95]. **seminorms** [HS12]. **Semiseparable** [FG03a, MVV05a, VGV06]. **semismooth** [SR06, SZX11]. **sense** [CSI17, Dax09, HMS11, KC23, Lei15, LL22a, TS18b]. **sensing** [HLL22, LWLW24, MJJ+23, SIO20]. **sensitivities** [CE17]. **Sensitivity** [Kow00, MW98, EHNR23, Han22, Hua18]. **Separable** [FLMR00, AG23a, CsL24, MM12, SY20, SXHZ20, SW24b]. **separated** [BDN17]. **separating** [AK15, CL10a]. **separation** [WLJ24, YC22, ZS19, dC23]. **September** [BV96]. **septic** [KK22b]. **sequence** [BDJ11, Ben97, BS92, CHHL18, DM92, GM96, Hom94, Hom98a, MdR08, Mia19, SS12b, Wen92]. **Sequences** [CP01a, AH13, AG13, BD20, BHJTM92, BCJ24, Chk20, CL13b, Don12, EHTSM21, KJG23, LM08, LM12, Ngu16, Osa92a, Osa92b, Pep23, PP06, Sab91, Sab92a, Sid20a, Sza92].

MHR23, NAR05a, NB16, PSW11, Yal01]. **Solving** [ASS11, BAV18, BQO99, BH11, BD17b, BCV03, BKM03, BRSY21, CSFC04, EGSV04, EJR02, FY19, FT05b, GL04, Góm01, HSZ03, KM04, KSCS08, Kol04a, Kol04b, LZ09, Mai01, MM99, Mar04a, MS14b, PL04, Pié99, Pry98, SGM02, SM21, TRRD02, VRM23, ZS13, AAA+18, AD17, AAM24, AG23a, ATC16, AK12, AZ19a, AG19, ABI23, ATT21, ATT22, Arg10, AH10, AGS20, Awa10, BBS20, BMA16, BLW09, BGR23b, BD17a, BNN16, BB14a, Ben99b, Bhr16, Bic24, BM97, Bla15, BS19, DOT21, BSF17, BC16, BEH24, BMS24, BK08, CSI16, CQ16, CMD19, CCTV23, CS94, CHH+20, CCL18, CL06, CM16, CC16b, CC18, CW19b, CH22, CH11, CRN19, Cho16, CRHTV24, CPS12, DWC18, zDYG18, DD21, DSI11, Dax09, DS20, Den14a, DHF21, DW22, DCW23, DMT22, DLYH17, DJG18, lDzS21, DLLD17, DLR24]. **solving** [Dzu13, Ema96, EH97b, ES19, EM07, Ess98, EGGSH13, EED19, FYM14, FHS12, FR18, FS23, hGzS17, GPGC98, GP99, GNH10, GM97, GH22, Hai09, Haj16a, HZPW23, HT19, Hem94, HVMT17, HSTW14, Hey99, HSE16, HRAH22, HASI23, HL23a, HWXC19, Hua20, IY15, IDS16, IS17, Jbi93, JR20, JJ13, JWY21, JM18b, KBCG13, KKB16, KCBT21, KT07, KPA20, KLZV95, KZ21, LLAL21, Lei15, LMV00, LP18, LW13, Li17, LZ21, LLY22, LL22a, LLD23, LJ11, LZZ19, LZL22, LZL23, fLxX12, LWS18, LL22c, LA22b, LHW13, MBJ17, MB06, Meh11, Mil18, MDH16, Moo07, MLM19, MS13, NBK17, NM14, NHP06, NRV23, NEMS14, OAMA22, PKC18, Pea13, PYD23, PS16, Pie96, PS09, Pop21, PSS22, ROB17, ROB18, RKMS16, RSKB17, REM21, Ree92, RZ16, RT20, RTCL21, RTD+21, RT22]. **solving** [RTTH22, RT24, RAH11b, RB17, SKA23, SS99, Sad99, SCD+21, SP21, SSS21, SS11a, SEG14, SB21, SA14, SIE16, SI18, Shi96, SCDM20, SS24a, SH21a, Śmi09, Śmi13, Sol11, SMN24, SXHZ20, SG23, SC18, TKSG23, TT21, TAM21, THF21, TQC22, TG20, TH23, Ter22, TH19a, TH19b, TTLD20, TSI20, TDC21, TRSI23, THT19, VPA24, WZ15a, WZQT15, WDL16, WHD22, WXT22, WB17, WC13, WWM21, WCD21, Wu22, XW18, XLW20, XCD23, wYN18, YL19, YLL20, YF22, YZY+14, YJX15, YP09, ZTW19, ZH22, ZLG+13, ZY13a, ZFC18, ZYX19, ZLL+21a, ZLH22, ZWXX24, ZLV17, ZV19]. **Some** [BO03, BS92, BRZ20, CC07, Cro03, Dum03, GP14, HM18a, HSS04, IMT02, Le 98, LZ14, LCVL18, LDL+19, LM15, Lu15, MAL04, MM08b, MM09a, Mat96, MS13, Pas99, Pas03, PV03, SGO22, Smo99, TH19b, VC92, XZZ19a, ZW15, ĐK15, AHJ17, BD09, BBC21, BF17, BV99, BDS00, BRZ96, CK05, CS99, DL08, DSI11, Die08, Dra00, DLLD17, EDAH12, EP97, GEP19, Gau11a, Ghe15, GCFF95, HH11, HR00, Hua96, Jay21, JJK97, KC23, KK16, Leo08, Lin98, LSG15, MSCB93, Mon96, NHP06, NT21, Now06, Now13, OQ12, Osa92b, PS16, PP92, RR08, Sab92a, ST18, SKTGR19, Sid20a, SX00, Tam10, Tem08, WG99, Wim00, Yal01, dAR06]. **sonar** [BKPS93]. **SOR** [MSZ20, Nie00]. **Sormani** [BD10]. **sound** [DR07]. **source** [HV22, KLB10, LSZW19, LL20b, MT93, PED15, SMNZ20, YPL21, YXS22, ZR17]. **sources** [CKL16]. **Space** [And14a, CP01b, DG05, AD22, ADG10, AR13, Bag16, BAV18, BGS24a,

[ACE99, CR12, Cao12, EV22, GNS22, KKK22, ZYBJ23]. **Speed** [FS01, BGRS09]. **SPH** [MFK+15]. **Sphere** [ASS03, NSS03, IP16, LK20, Leo07a, PSS22, TV19]. **spheres** [HL15a, Sun94b]. **spherical** [ALZ20, BBL22b, Xue95]. **spheroid** [TCOA19]. **spheroidal** [SHF15]. **Spline** [CMRS01, NSS03, Wri95, AB06, AZ19a, ASS11, ASS13, ART19, ACM93, AGN07, BDIR18, Bia94, BK13, BF17, BFKM20, BFK22, BL93, BL95, Bra96, CFR06, CW14, CCD10, DLR12, GGN14, GGN18, GZ18, Gau17b, Gha16, Han93, HM07, JJ24, KS18a, KR11, KS12, Kim21, Maz05b, Mic23, Mil17, PZL15, Plo93, Plo94, Poc14, RB21, RM11, Rei97, Tra93, UTO07, WZ19, WD96, XL14, ZR17, Zah09, ZE12, van93]. **Splines** [FKMS01, HL02, Kva01, MSCB93, NS01, PS01, AHR21, ALY22, BKPS93, BCM19, BV21, BR07b, BLS06, BM14, CH95, DDS93, DS15, DZH23, GLRSG08, Gre96, KK00, KP09, Kim21, KK23, Kob97, KR07, KL91, Kva14, Lai92, LMM97, Lev95, LRZ12, MRS93, MS01a, MST03, Maz09b, Maz11a, Maz11b, Maz12, Maz18, MRU91, MT06, MS96, Pow93, Rab92b, Rab92c, Rad08, Sch08, TM05, WD95, de 93]. **Split** [PKC19, WZ19, AAA+18, ALJLYJ24, Anh19, Buo17, CCL18, CRN19, zDYG18, Den14b, HH12, HMT17, HS20, HRAH22, IUM+19, KAF18a, KAF18b, KPC20, KD18, LCL21, MWsC19, MN17, MG18, OIM21, RIAA19, RT20, RT22, RTTH22, RT24, SCD+21, SIE16, SDMMK18, TKSG23, TAM21, Tak17, THF21, TQW24, TG20, TDC21, THT19, Wan17, Wan18, ZH19, ZW15, CGR12]. **Split-step** [WZ19, HH12, HMT17]. **Splitting** [Li95, LHW13, PT17, vdHM98, AG19, AABTB23, AKT15, AKKT16, AKQ17, BC16, CW19a, Che16b, CZM21, CS22, Cho16, CHK14, DS20, tFZyZ16, Fan22, FMD23, GS19c, HWXC18, JCH23, KM17, KMZ18, Ke21, LY17, LM17a, LM19, LLD23, LKBF17, LZL22, LZL23, MPS20, Met19, MG20, MG21, MWZL23, Mor17, PG15, RWTW19, RCW22, Sti18, SS24b, Tai92, TH23, TCOA19, WHS23, WL17, WPL18, WL22b, XM16, ZWWW20, Zha11, ZFG18, ZY13b, ZLV17, ZV19, ZV21]. **Splitting-integrating** [Li95]. **splittings** [GV00]. **Spot** [BvLP16]. **Spurious** [ZLH22]. **SQP** [GZ11, GZP18, LL07, mTLbJlL14]. **Square** [LL05, Mar04b, MST03, DM97, Gau12a, Gau13a, Hig97, ST23, SHLY18, WCHK21, YCW+19]. **Squared** [RVF07, CS94]. **Squares** [BCV03, DG05, LV01, PG05, SK04, AAH20, AAD14, BGS24a, BRS09, CR20, Dax09, DMA19, DWX17, Ell93, Han22, HM22a, HM22b, HYW20, Hei06, Hei07, jHyPlZ06, HM19a, KC23, LV15, LDN16, Lei15, LL22a, LJ22, MMV19, MMGH17, MRS93, MZW20, NC94, NK21, OLB94, Pen13, RAH11b, Rum14, SEG14, ST18, SM21, SMN24, SXHZ20, TV19, VZ93, Wu22, XXW17, Yua21, ZH22, ZLWZ21, ZW22, ZZ22a, ZLZ23, ZLWQ09, LMV00]. **squares-scaled** [ZW22]. **SR1** [And22]. **SSOR** [LZ16a, Tan17]. **SSOR-like** [Tan17]. **SSS** [Sha19]. **stabilisation** [MT12]. **Stabilised** [GM03]. **Stability** [Bea98, BBd95, But02a, BH02, BJ04, CMP21, LC14, lLLVZ17, LER03, RW11, Wei17, Wri02, ZCT19, ZD21, ZLLH22, ZKD04, iV12, ASV23, AUA22, Ali23, But96, BH05, CC12, CJ12, CCJC18, DL18, GL19, HH11, HKE97, Her96, Hom98b, HCH18, IJ19, KCBT21, LM17b, LWS18, LW22, LZX23, Lóc20,

Lam09, LMUZ19, LSZW19, LLX20, LlLZ21, LZ23a, LAN18, LXZZ21, LWZ23, Lor19, Luc97, lLXhL22, LV18, LV21, MN23a, MM23, MS24, MDL15, MA13, MSS11, MvS09, MAFN16, NPS09, Ngo23, NG23, Not22, PQS22, PLZ+24, QXGZ20, RF23, RS06, REM21, Ria16, RK11, RR22, Sal17, SFMK23, SLA11].
time [SSYL20, SSH+19a, SCF23, SFS23, Si12, SN22, SJ14, SYLT14, SG23, VLCL16, Wan15b, Wan19, WXQ20, WLMA21, WWBM21, WZC23, WZ23a, WQ23, WWL24, Wei17, WLY+21, XH21, YJ18, YZL20, YPL21, YZH21, YK22, YXS22, YWZ19, Zaf22, ZWFY19, ZXRL11, ZLW+13, ZLG+13, ZSF18, ZLL+21a, ZBX21, ZHFW21, ZZ22b, ZL22a, ZF22, ZQS24, ZYW22, ZJ23, ZLS24, ZXL23, aZ19b].
time-delayed [RK11].
time-dependent [ATM19, COSE22, DZS21, EG18, HV22, Lam09, LSZW19, Lor19, NPS09, SSYL20, SFS23, SG23, YJ18, YK22, ZSF18].
time-domain [HLS10].
time-fractional [AD17, AH23, AWL+24, FZLL23, HV22, HZX21, HZ20, HS21, JWZ23, KN23, KR11, LSZW19, LWZ23, LV21, MN23a, Ngo23, PLZ+24, QXGZ20, RF23, RR22, WWBM21, YXS22, YWZ19, ZLW+13, ZL22a, ZF22, ZYW22, ZLS24, ZXL23, aZ19b].
time-harmonic [LAN18, LXZZ21, RS06].
time-independent [Lor19].
time-instant [YZH21].
time-periodic [SJ14].
time-resolved [MvS09].
time-scaling [Fly22].
time-space [HL17, HL20, VLCL16, WLMA21, YZL20, YPL21, ZWFY19, ZBX21, ZZ22b].
time-step [KS97].
Time-Stepping [Söd02, ZZ18, IJE15, lLXhL22, ZQS24].
time-steps [LlLZ21].
Time-transformations [BL98].
time-varying [GLS+18, LMUZ19, ZXRL11, ZLG+13, ZLL+21a].
times [Cas17].
timestepping [NT21].
Toda [FYI+12, MN01].
Todd [YZLP16, Khe12b].
Toeplitz [AAAA+18, AA16b, BM94, BBL22a, BC06, BCV03, BMR19a, BIM+23, BESC22, BBd95, BG03b, BV95, CT93, CO94, DNR17, EG19, EV22, GL23, HN94, HG93, Han02, HR03a, Hem94, HW18, HL17, IMT02, JL16, KV00, LMV00, LV01, Lin01, LN10, MA95, SC03a, Sol23, TT06, TA13, Vos00].
Toeplitz-block [CO94, BC06].
Toeplitz-Plus-Hankel [HR03a].
tolerable [Pop15].
Tomographic [MFBB23, AH14].
tomography [ÁCL11, BG11, BvLP16, NAE22, RVF07, Wan15a].
Tool [FEK+23].
toolbox [BMR19a, BvLP16, KR23, MBR21, RZR12].
Tools [GHN19, Han99, Han07, HJ18b, Han94, FHH99].
topics [BRZS23].
Topographic [dADdRC04].
Topological [KGD03, BRZ17, FHH05, Le 92].
toroidal [Par16].
Torrey [SYLT14].
torus [DL97].
Torvik [Mok16].
Total [LMV00, LV01, MPR22, Zak17, BG11, CC06, CPZ14, DHJJ10, Den14b, DWX17, FAMA20, Hua18, JHLL15, LHZ+21, LZ22b, LJ22, MZW20, Sar06, VZ93, WHZ+18, WCH15, XXW17, ZH22, ZW22, ZLWQ09].
totally [ANI15, ANI+17, GMP92].
tour [Gau07].
TPS [SB21].
trace [FDFM23, Meu09a, WG13].
Tracing [PLVB11, YYD14].
tracking [BHS11, Lie00].
trade [EY10].
trade-off [EY10].
Traffic [FLH04, PV23].
Trajectories [LPV03].
trajectory [Lo97].
transcendent [DN24a].
transcendental [Kal00].
transcription [BCT15, CB16].
transfer [BQ19, GV99, GCFF95].
transfer-function [GCFF95].
Transfinite [FP20].

RWTW19, SW10a, SS15, Sho18, SKTGR19, SSK23, ZV21]. **two-subspace** [Wu22]. **two-sweep** [LZL22]. **two-term** [ZD15]. **Type** [ACO03, MC05b, MC05c, SFT03, Van02, AAPR21, ALV20, AH09, AH10, AH11b, AH12, AG13, AM16, AH18, BL92, BPR20, BRS91, BRS92, BRZ98, Bre99a, BS14, BGVHN96a, BCJ99, CCTV23, Cdv98, CRN19, CPRZV23, CGL99, CG19, CJ20, CKKT16, CD07, CK06, CHK14, DL97, Die08, DPS18, DHM12, DGP15, EED19, FHH96, FR18, FLR01, GGNF17, GM22, Gen12, Ghe13, Ghe16, GLC22, GEA20, HHLM23, HVM15, HVYMS23, HPS97, HMS96, Hom92, HLZ14, HL15b, HSL19, ITA24, IDS16, IS17, IUM$^+$19, JSF13, JS15, JZYY23, JLFL19, Kar10, KAF18b, KK22a, KGMH21, KGN$^+$24, LGL23, LW13, LHM20, LZM23, lLLVZ17, LTFL10, LQ16, LWS18, LS20, LZ23b, LZ23c, LMMD05, LV18, MsC20, MP08, MTTC22, MJ20, Mat96, Maz09a, MP14, MP22, Moh10, MK17, NT21, NS22, OPSM22]. **type** [OAR22, Ovi22, Pas92, PC13, Pej14, PS06, PP92, PK22a, PK22b, Pop18a, Pop19, RTCL21, Ron92b, Sab14, San19, SSS21, SH12, SS12a, SKP20, SLD20, SW19, SS24a, Sol15, SMN24, SG10, SSSS22, Spa24, SH22, SH23, TAM21, Tem97, TLD$^+$23, Van92, VV11, VdR13, VS19, WZ13b, WG13, WK16, Wan19, WXT22, XH20, YBK$^+$21, Ye22, ZLW$^+$13, ZFC18, ZZ19, ZLH21, ZL22b, ZQzS22, ZL23, ZH17, ZWW21, ZG09, dBD05, dC23]. **typed** [WQ10]. **types** [LAH22].

UGS [BRY14]. **Ulm** [Arg09, SHLY18, WCLW16]. **Ulm-like** [SHLY18]. **Ulrich** [AL04]. **ultra** [Bac23]. **ultra-weak** [Bac23]. **ultrasound** [WHZ$^+$18]. **ultraspherical** [BD20]. **umbrella** [HMdÁES08]. **unbalanced** [GWL20]. **unbounded** [CC07, CK22, NNCN23, Pop15, QL12, YWZ19]. **uncertain** [YYLX23]. **Uncertainty** [Cha04, MHZ05, KBCG13, WLL12]. **Unconditional** [LW22, SZ23, SLT20, YJ21]. **Unconditionally** [LCZZ23, PLZ$^+$24, CLPY23, He16, HP18b]. **unconfined** [SMNZ20]. **unconstrained** [AA12a, AAN14, And06, And08, And10, And14b, And15, And18a, And19b, And22, DW15a, DW15b, DBH21, Don16, HWC15, LLL18, LM13, Liu14, LL18, gOM14, SS06, SLL23, VL19, WJW14, WZ16, WYP23, YCL17, YZLC24, YY13, ZLZ23, ZWG18, ZFZ19, ZLL21b, ZDSY20]. **uncountable** [Man10]. **uncoupled** [YJ18]. **Uncoupling** [ASZ23]. **underdetermined** [CMRS00b, Kub15, Rum14]. **Undirected** [vGK04]. **unequal** [LlLZ21]. **unequally** [DLR12]. **Unfitted** [ZZZ20]. **unfixed** [CZH22]. **Unified** [AG13, BM22, Che13, MFK$^+$15, BMS24, Iva17, OL23, WZ11, ZE10]. **Uniform** [AA09, Bog13, Dun94, LZ23c, MM22, MN11, Rei97, The12, TV19, AHR21, ADA07, Ave20, BS17, BL92, BR07b, CJ17, DLR12, FHC21, GH23a, GO06, GL21, LX23, Lin05, MW24, MS23a, OQ12, Tem97, VC92, VT10]. **Uniformly** [CZ23, CL93, CG19, CEX14, CJ20, IUM$^+$19, KK17, LZ23a, MT12, SI18, SC18, dS00]. **unifying** [dFG93]. **unilateral** [CLGS17]. **uniparametric** [LK20]. **Unique** [DC17, VSA12, CNR15, WMCW21]. **uniqueness** [WCW20, Zaf22]. **Unit** [Mar04b, ACH14, BCM07, BW15,

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