A Bibliography of Domain Decomposition

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Abstract

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Title word cross-reference

1 [Lt93]. 2 [CJSS08, GHS93, HLM91b, Kra09, LC08, MCL02, Tal93]. 2^{nd} [DHY03]. 3 [BIP01, BM93a, BIA05, DGS01, Dry88, HK98a, JN02, KY89, Kra09, Kuz89b, Kuz91a]. C^1 [Osw89a]. ϵ [MS02]. H [BPS04, Ain96a, Ain96b, GG03, Rac95, ST00a]. $H(\text{curl})$ [Hie03]. $H - LU$ [BO07]. $H\mathcal{H}$ [GKB09]. hp [BPO95, Kor01, Kor02, OPF97, SP03]. ILU [CGK94]. k [LP95]. $k - \epsilon$ [KLM02]. $k \times k$ [LP95]. $k \to \infty$ [LP95]. L^2 [BX91, Xu91, Sch71]. LDL^{t} [mM04]. M [Tar94]. N [Lui99, GKS98, Il'69]. $O(N^2 \log N)$ [BBM00]. p [Ain96a, Ain96b, BGP89, BCMP91, Beu02, Beu05, Fal03, GOS05, KI96, KJ99, ML91, ST00a]. P1 [Osw93]. $P1/P1$ [ST00b]. P_1 [Jia06]. $P_1^{NC-}P_0$ [JT06]. P_{2N+1} [Sme89]. Q_n [Pav00]. Q_{n-2} [Pav00]. V [Kwa03, SX99]. $W_2^{1/2}(S)$ [Nep84].

-adaptive [Rac95]. **-approximation** [Sme89]. **-body** [GKS98]. **-cycle** [Kwa03, SX99]. **-D** [Dry88, BIP01, BIA05, CJSS08, JN02, Kuz89b, Kuz91a, Lt93]. **-dimensional** [Il'69]. **-discretizations** [Kor02]. **-FEM** [Beu02, Beu05]. **-Level** [MCL02]. **-line** [LP95]. **-LU** [GKB09]. **-matrices** [BPS04, Tar94]. **-robust** [GOS05]. **-type** [BGP89]. **-uniform** [MS02]. **-version** [KJ99, BCMP91, BPO95, KI96, Kor01, ML91]. **-wavelet** [Fal03].

/II [Ano91].

1-d [Lag99a, ILW07]. **13th** [PSB+94]. **1987** [GGMP88b]. **1989** [CLM89]. **1994** [HWP95]. **1995** [PB96].

2 [GPS89]. **2-D** [ARIV97, JY01, Lag99b, LW07]. **2-nd** [RT75]. **2003** [ACM03]. **2D** [CW99b, Mar07]. **2nd** [Kor02].

3 [PR95, Van93]. **3-d** [KR07, KR08, ARIV97, Geo96, Kwa03, LJ06a, LJ07b, Yu99a, PR95]. **3-Dimensional** [Van93]. **36** [TV01]. **3d** [DRSW04, AGLK08, CPS99, CS89, Geo99, GHS99, HPS02, KKYxx, KRW05, KHD05, LL08, SS98]. **3D-multibody** [KHD05]. **3rd** [BGPW89].

4-dimensional [BDOP07]. **432** [MS90]. **4th** [Mar07].

6th [GT94].

8 [CZ95]. **840** [Boy05]. **860** [Van93]. **870** [LC08].

'91 [EJL92, IEE91]. **'92** [Ano93]. **'93** [IEE93]. **'94** [DW94b, GT94, Lip94, PSB+94, XCHK96]. **95** [AMM96, DDF10, Lit97]. **95i** [CZ95]. **97** [BKR+98]. **99** [BH00a]. **9th** [Ano96a].

= [CG88]. **ōyō** [Ano98a].

Abhandlungen [Sch90]. **Absorbing** [EZ98a, EZ98b, TH01, GP01, JN01a]. **abstract** [GO95]. **Accelerated** [DH98, Che05, DH97a]. **Acceleration** [GKW90, BGOD05, BWA92, DL01, Lai92]. **Accelerations** [GH03]. **Accelerators** [QFR03]. **Accumulation** [LG95b]. **accuracy** [WR09, Zho97a, Zhu10]. **accurate** [BFK+98, Kop89, SRB01]. **accurately** [BVW97]. **Achieving** [NPY+97]. **ACM** [CLM89]. **Acoustic** [BGT97, CF99, HK98a, mM04]. **Acoustics** [Wir02, KN02]. **across** [Bla00]. **Actas** [Ano91]. **acting** [Krä05]. **active** [PGW09]. **Ada** [Lit97]. **adapted** [DRSW04, Osw91c]. **Adaptive** [BL04, CQ95, Cic96, EHI+00, Ewi89a, FM99, GGQ96, HM87, HE98, Hop03, JN02, Kor97, Man92a, McC89a, NRWF08a, OPF97, SHHG93, SR92, TM97, Yu01, BFH+95, BJ01, BPO95, BFF96, CSX05, CM00, DNS00a, EG09, Fal03, GRN99, GCMGRG09, IL05, JN03, McC84, MT86a, McC89b, PS00, Rac95, RSVV08, Tse00, WL03]. **adaptivity** [VPDH08]. **Additive** [Bjø89, BDV97, BDR00, Cai90, Cai91, CZ94, CZ95, ČPZ00, DW87, Dry89, DW89a, DW91, DW92a, FL00, Hac91a, JN99, Pav91, PR95, BN07, Bre95, BPS04, CKY02, CDS02, CDS04, CZ96, DG07, FNS02, Geo96, GO95, Hua96, LS05, Mar07, MP08, Nab03, RXH05, SV95, Zho97c]. **Additivnye** [SV99a]. **ADENA** [Suz97]. **ADI** [AIIV98, JM06a, Ma96, Van93]. **adjoint** [Tsu96]. **Advanced** [AB95, PB96, Rep08, BBCM03, FDKN04, HW96, KL07, Mil93, NTT00, dCGQS06, PB96]. **Advances** [DSV94, KNS99, IKM+99, KS99]. **Advection** [BZ06, LMO00, ALW99, BD03b, CQ95, Cic96, ETY98, GGQ96, GTN03, HC03, LT03, Loh92, NMB10, RL02, RL04, SB89, TT99b, Tv93, Tro96b, WVE97]. **Advection-Diffusion** [LMO00, ALW99, CQ95, Cic96, ETY98, GTN03, HC03, LT03, Loh92, RL02, RL04, SB89, TT99b, Tv93]. **Advection-Diffusion-Reaction** [BZ06]. **advection-reaction** [WVE97]. **aeroacoustic** [AF04]. **aeroacoustics** [DLPW02, USDM06]. **Aerodynamic** [Key95, PC97]. **aerodynamics** [CGKT94]. **aeroelasticity** [BC07a]. **age** [GG08]. **age-structured** [GG08]. **Aggregation** [JKKM01, SST05, Sal04, SV96a]. **Aggregation-Based** [JKKM01, SST05]. **AIAA** [TV01]. **air** [Syd94]. **airfoil** [HMZ94]. **Aitken** [BGOD02, BGOD05]. **Aitken-like** [BGOD05]. **Aitken-Schwarz** [BGOD02]. **Akad.** [AL90a, AL90b].

akustiki [Zav82]. **Albuquerque** [IEE91]. **algebra** [CDG95, CDG96]. **Algebraic** [AP96, Bol96, CGL01, DDF10, HLM91a, Kuz89c, MS05a, FNS02, Hos07, KL90, LSS+09b, Pop02, Prá93, RMSS03, Tar94]. **algebry** [Voe83]. **Algorithm** [Bab58, BDV96, BGTV89, Cai90, CF88, CMS92, CMS94, Dan02, DS02, Dry81, Dry89, EW91, JN02, SW90, Smi91, Smi92a, Smi93, TMV98, YCC10, AL90a, ARIV97, Bal05, BSS04, BBM00, BP06, Bog06b, Bog08, BGT88, CHH04, Cha97, CCJ99, lCjZ93, CH94a, DDD91, DKV+10, DPLPY93, DZ04, FLS94, GEF05, GZW+00, HTJ88, HB04, HS94a, JM06c, KM91a, KM92, KKS90, Lae92a, LL97, LLL+06, LM06, NMB10, ÖD93, Ova07, PS93, Per92, RTÈ06, SS86, Sas03, SHJ89b, SLC04, Sob36, SR05, SB89, Tah92, TY07, Tu07, WZC10, WR09, WL03, Yan00, Yan02, YD04, Zha92b, Zho97c, Zho97a, Zhu95, Boy05, LC08]. **algorithme** [BGT88]. **Algorithmen** [Bab57]. **Algorithmes** [LP98a]. **Algorithmic** [Ber89, MR88]. **Algorithms** [AK97, BMS90, BS92a, BP91, Cai89, Cai91, CGK92a, CW92, Cha88, CHL91, CZ95, CWW92, DW89b, DW90, DW92b, DSW93, DW93c, DW94c, DG00, Du01, Fen00, GKW90, GLC89b, Mat93a, MPS86, Pav92, Pav93b, Qua89, SP03, SL06, Smi90, ST98, Vaj93, Wid88a, Wid89d, Zha92c, AL90b, Bab57, BC07a, BMS91, Bog04, Bog06a, Bou02, BPWX91a, BPV98, BS90, BS91, BH03, BA89, CW93, CS96, Cha89, CG89, CS94, CGZ97, CEL96, CH97, Cic96, CRQT86, CRQR89, DW10, DLN02, DH05, DMW01, FRSY96, GO95, Hac91b, HW96, IVA93b, KNG+93, KRT91b, Kan87, KK97, KR08, KNGK04, LL95, LW06, LSS09a, LP98a, Lio99, LLS89, LLS91, LM07, MC05a, MP09, OM97, Pav99, PC97, QL88a, RG03, Rod85, Rui98, Sbo91, Sch88, SHJ89a, Ste05a, ST00a, SMT08, Tal93, TT99b]. **algorithms** [Tid01, TP93, VIA94, Xu09, pY93, Zan87, ZL96, Zha06, Wid88b]. **algoritmov** [Bul90, Lae92b]. **algoritmy** [AS88, AS89]. **alignment** [SK09]. **Allen** [KK03]. **almost** [DW10, Kor01]. **along** [RY97, Rui98]. **alternate** [MC05b]. **Alternating** [DW87, Wid89b, AL95, AL96, GH94c, HR09, Hua96, Lio78, Lio88, Lio89, Lio90, Lui99, Mat93a, Mat93b, MN85, Mor56, MLB97, Rui93, ST94, TD07, YD04]. **alternée** [Lio78]. **alternierenden** [Mor56]. **AMDiS** [RSVV08]. **AMG** [Haa00]. **analiz** [Kuz88a]. **analiza** [Il′89]. **analogue** [Bra66]. **analyses** [Rui93]. **Analysis** [Ald09, Ano90, Ber03, BH88, Bou90, BPV98, CR87, Cha87, DT91, Den97, DQ03, DLPW02, DSW93, DKKV95, ES96b, EW91, Fen98, Fen00, FGRS97, GHMR07, Hac91a, HM87, Hvi90, Prz85, RVY93, RVY97, Sal04, SF73, SB91, SW93, TMS87, Var62, ADC09, BPMB00, BRVC09, Cao92, CR88, Che88, jFZ06, GEVO08, GW96, HW96, HS94a, HC92, Jia96, Jia06, JM09, Kok08a, LP94a, LL97, LWT+03, LJ07a, LT09, Man06, MS05a, Nor01, OBG10, PP04, Prz63, RG03, RKL89, Scr88, SHJ89b, qSnH09, SLLZ94, STJ04, Tai05, TT99b, The98, VWY01, WAW88, WC03, WZC10, Wir02, XT04, Ano93]. **angle** [YD04]. **angular** [BM10]. **anisotropic** [BDR00, BP07, KNP02, KNP03, Rac95, ZD04]. **annealing** [PdOG99]. **Aplicaciones** [CGCH93, Ano91]. **Aplicada** [CGCH93, Ano91]. **Aplicada/XIII** [CGCH93]. **applicable** [DPRW93]. **Application** [BS93a, Cai93b, CM91, ES96b, Ewi91, GLPE97, Hol03, Il′91, JN01b, KDBG95, Nep91, Tiw00, Tro96a, Ago90a, ADC09, Car97, DDK06, DDS89a, Fra90, GP86, GJS10, yGjW09, HDY05, JN03, KR10, Krz05, Lop94, MR04, Nep84, OM97, QV91, Røn92, TMNF01, Vas92, BC07a, FFN+02, Sam98]. **Applications** [BM90, BM91, DGP80, GH01, HLM91b, HF88, JL91, LM72, Mil93, Wid87, AB95, AP96, BBM92a, BP08, BCLP96,

BGS08, Bog07, BPWX91b, BBM92b, BBCM03, CP05, CDG+92, DGP84, DSV94, Ewi89b, FDKN04, FW01, GLS07a, Gu97, HT91, HK02a, Hsi00, IKM+99, Key95, KGTL03, LW05, LWT+03, LB93, MR95, MWL01, NN87, NTT00, Pap89, PHW00, SAD+00, Sar03, SST96, Tar94, VWY01, Whi00b, dCGQS06, CHH02, Tra00]. **Applied** [BCG94, BGPW89, DV97, GLT89, AvdH92, BV92, Bre89, BK92, Bru91, GEF05, GL86, GL90, GLC89a, HC03, KN02, KM01, LS05, LMM00, NV04, Par95, Stu10, TR93, Tha95, VMP10, WDPW04, CCCP91]. **appliquées** [CCCP91]. **Approach** [ABBB94, DG00, HLM90a, HLM91a, Pas88b, TMS87, TY98, AMS09, BBCH08, CMX09, Dou91, DL10, EG94, GNHR+03, Geo99, HLM90b, Her98, HYD03, IAK06, KT96, LS95, LJ07b, Lit97, MDTC08, MQ88, NP93, PAF+97, PHR07, RMSS03, SM07, WA03, XT04]. **approaches** [Ala07, Dav01, DS95b, GR03, KW08, Lum01, MNW08]. **approksimatsii** [Lap89]. **approximants** [MDTC08]. **Approximate** [CGRS01, DMPG83, HLM91a, HLM91b, LL00, Nep86, AF85, BF03, Dek01, DPRW93, Gra02, Gus03, HXG01, KYxx, Vas90]. **approximating** [PS92]. **Approximation** [Ain96b, BM89, CS98, EL94, MR92, MR94b, SL06, Str72, Adž94, Adž95, Adž98, Ain96a, BG91, BFF96, CZ91, Cic96, CH06, FHM05, Fuj98, GG94, GQS00, IL05, Kup99, LPL00, Osw90b, Osw90a, Pas91, Shi99, Sme89, Tha95, TP93, Wen06, Zam89, Zho97a]. **Approximations** [BP87, MG05, Qua90, TK01, AN95, AAH06, Bre95, CH94b, DW94a, Fun88, GGM02, LT03, LTV01, LH09, SRB01, SR08, Tid92, Tos04, TV04, Wid96, Ano96b]. **April** [LCHS96, PB96]. **APS** [GT94]. **arbitrarily** [GG03, LP94a, MT86b]. **Arbitrary** [SFNW05, AR04, Lui09, XO94b, XO94a]. **ARC2D** [BB91]. **architecture** [WAW88]. **Architectures** [Cia94, PB96, CRQT86, DMP98, Sch88]. **area** [MSM98, PS93, Ste96]. **Arising** [HSY04, Hu04, KGE89, Koj91, MGMC05, SHJ89a, SHJ89b]. **Arithmetic** [AFL96, KMM91, Sch94]. **array** [DS92]. **arrays** [RBS94]. **arteries** [SP03]. **Artificial** [Loh92, Tou01]. **arugorizumo** [Ano98b]. **aspect** [AH02, ML91]. **Aspects** [FL00, NZ99, Qua94, Wen06]. **ASPIN** [MC05a]. **assemblies** [OBG10]. **assembly** [ADC09]. **associated** [Gas92]. **assumptions** [BPWX91a, MS07]. **Asymptotic** [Abr00, Kla98, PP04, Cor90, PV08, Scr88, SC96]. **asymptotic-domain** [SC96]. **Asymptotic-Induced** [Kla98]. **Asymptotics** [Gar94]. **Asynchronous** [GMH08, HM87, LLP01, LLP03, SC92, AAII96, EB99, MGLS91, TT99a]. **atmospheric** [MSW98, WME+95]. **Atomistic** [PBL08, XGB10]. **Atomistic-to-Continuum** [PBL08]. **Augmented** [Ago95, Ald09, DH05, LS95]. **August** [GT94, IEE94b, Lop94, PSB+94]. **automated** [Lit97]. **Automatic** [Dag93, Bab90, IAK06]. **automatically** [Glo95]. **autoregressions** [PHW00]. **aux** [CCCP91, LP98a]. **Axis** [LC08]. **axisymmetric** [BFF96].

B. [Xu97]. **B.V.P.s** [HLM91b]. **bacteria** [IU98]. **bad** [Nep99]. **balanced** [CP05, DRSW04]. **Balancing** [ByS99, CMW92, CMW93, CMW95, GG08, Gol03, HKD96, HN05, Man92b, MB92, MB96, PY03, TMV94, YHBM96, DMP98, LT09, MD03]. **Balken** [Rat00]. **Barcelona** [PB96]. **bargaining** [SAM10]. **Barnes** [GKS98]. **Based** [Ain96b, BMOV96, BZ06, CA02, DD91, DD94, DG00, Du01, DY02, GLPE97, GL00, Haa97b, Hac91a, JKKM01, KK99, LG95b, SST05, TCK91, Yu01, AN95, ADP02, CPS99, Che97, CH09, lCS06, CH92, DS95a, DGKL02, Dos95, DNS00a, DNS00b, DH05, DH97a,

DH98, DZ04, Dua06, Fen98, FGGV08, jFZ06, GK09, GRN99, GKB09, GHL00, HG08, HK96, HJ97a, HR09, HE98, HC91, JY01, KRT91b, Kok07, Kok08a, KHD05, Kuh98, KT05, Lae98, LLPJ08, LKY07, LG87, Lee00, Lee06, LCO04, Liu09, LJ06b, LLS89, LLS91, MDTC08, MKP+96, MC05b, MY07, Par04, RMSS03, RTÈ06, Sal04, Sha90, Str96, SHS09, TD07, WVE97, Woh01, Yse90, Yu94, hY98, Yu99b, ZY07, dCD00, HK08]. **Bases** [Yse85, Yse86a, GTZ88, KI96, Osw89a, WST09]. **Basic** [BY92, Ste01]. **basin** [FFN+02, Kok07]. **Basis** [BDY88, BLB00, Ong89, Sch98, SW90, TCK91, AE07, BP08, BFF96, Dua06, GY09, GCMGRG09, HC92, KR06, LK04, MR04, Nie09, Osw89b, Osw92b, Ovt93, PHR07, TGSS10, Wen06, WL06, ZHL03, Mor56]. **battlefield** [DMP98]. **Bayesian** [PHW00]. **BDD** [GS10]. **BDDC** [BCLP10, DGS07, KPR08, LW06, MS07, Tu07]. **BE** [HK96]. **Beam** [TMS87]. **Beams** [Leu99, QFR03, BM10, Leu98b]. **Begründung** [Mor56]. **Behavior** [GH01, CP96]. **Belgium** [DRV00, LCHS96]. **Bellman** [CFLS94, FLS94]. **BEM** [BP08, HST95, Kuh98, SST96]. **BEM/FEM/GSM** [BP08]. **Benchmark** [HXA96]. **bending** [BCLP10, Bre95]. **Bereichszerlegung** [Rat00]. **Bergen** [Ano96a]. **Bernoulli** [Leu98b]. **Besov** [Osw90b]. **Besov-Sobolev** [Osw90b]. **best** [JN01a]. **BETI** [BDS08]. **Between** [KNY98a, CG92, CH06, KN02, Nab03, Yu95]. **bez** [Lae92b]. **BGK** [CDL04]. **BI** [HW09, MMC06]. **Bi-CG** [MMC06]. **Bicubic** [Bia93]. **bicubics** [MR99]. **bidomain** [MP09, SPBV05, SP08]. **bifurcation** [CCJ99]. **Biharmonic** [GP79, Osw92a, Wid84, Zha91, Zha92c, Zha92e, AE07, Bjø80, Bra66, Jia96, NMB10, Osw91d, qSnH09]. **bilinear** [Sch74]. **biological** [SK09]. **bioluminescence** [WGZ+10]. **biomechanical** [TV99]. **biomechanics** [KR10, NHD+03]. **Biot** [BQQ09]. **bisection** [Mej94]. **bisectors** [AL97]. **Bitsadze** [JK01, Tut08]. **Bitsadze-Samarski** [Tut08]. **Bitsadze-Samarskii** [JK01]. **Bivariate** [LW98, LS09]. **Björstad** [Xu97]. **Blending** [OSCH00]. **Block** [AP88, BP07, DD94, KKYxx, KALO07, KY89, Man89b, Tar94, Che05, EB99, Fra90, Kok08b, Kok09, KL90, LP95, Ma96]. **block-ADI** [Ma96]. **Block-Centered** [DD94]. **block-parallel** [Che05]. **block-tape** [KL90]. **BLOPEX** [KALO07]. **BLT** [WGZ+10]. **Bodies** [Dan02, DP09]. **Body** [Kra09, GKS98, Hua04, Kok08b, Kok09]. **body-plate** [Hua04]. **Boltzmann** [Cor94, CDL04, LY98, TM94, Tiw00]. **Boltzmann-BGK** [CDL04]. **Boltzmann/Navier** [TM94]. **bonded** [Kok08a]. **Book** [Mur97, Xu97]. **bordering** [Lae98, MN89, Nep84]. **Borg** [Des91]. **both** [Kop89]. **bottom** [BA04]. **Bound** [SST05, DD07]. **bound-constrained** [DD07]. **boundaries** [MT86b, TH01]. **Boundary** [ABLS05, Ano89a, BIP01, BBKM01, BLP91, BPP07, DY02, Fen83, GL88, GK97, HW96, HS96, KRT91a, KR03, KST98, LL00, LZ00, LM72, LB93, Nep86, NP01, OSW06, Poh06, Ste94, TMS87, TP08, Yse85, Yse86c, ZZ02, AQ04, AEZ00, Ast78, BM01, BIM05, Bla00, Bog00, BB02, Bra66, CKL98, Cha97, Che97, CW99b, CM00, Dav01, Dos95, DZ04, Dub01, EG09, EZ98a, EZ98b, EG94, GOD+07, Gas93b, GM98, Geo99, Gil01, GGL04, GP01, GW87b, GHS99, Gro01, GH94c, GZW+00, HTJ88, HXG01, HSW00, Hsi00, HC92, JK01, JN01a, JY01, Jia06, KRT91b, KMN93, KW93, KST01, KM91b, Kuh96, Lai94b, LW00, LP06, LG87, Liu09, Loh92, LOM98, MST96, Mil93, Mró89, NR94, Nep84, Nor01, PWSB91, PPŠ07, QV91, RG03, Røn92, RZ98, SD04]. **boundary**

[Sha94, Shi95, Shi99, Ste95, Ste96, SW97, SW99, Tha95, TV04, Tou01, TV01, Tut08, Vab90, Vab91, WB91, XO94a, pY93, Yan02, YD04, Yu94, hY98]. **boundary-degenerate** [GH94c]. **Boundary-Fitted** [TMS87]. **Boundary-Value** [ABLS05, QV91]. **Bounds** [VPDH08, BS00, BH03, Sch71]. **BPX** [Osw91a, Osw93]. **BPX-preconditioner** [Osw93, Osw91a]. **Brain** [HWP95]. **branched** [LP94a]. **bridging** [XGB10]. **Brussels** [LCHS96]. **BSSOR** [KKYxx]. **Building** [PW02]. **Burgers** [Abd93, PR90, XS09]. **BVPs** [KG90].

C [BB09, CR88]. **C-shaped** [CR88]. **C.E.D.Y.A** [CGCH93, Ano91]. **CA** [BBG+95]. **cable** [LP94a]. **Cahn** [KK03]. **calcium** [NRWF08a, NRWF08b]. **calcul** [Tid92]. **Calculation** [TY98, HW09]. **Calculations** [BGTV89, DL01, Gil01, GP86, Kuh98, SK92]. **California** [IEE94b]. **canonical** [Bog06a, Bog06b]. **CANUM** [CD08]. **capabilities** [ELLL99]. **Capacitance** [Dry81, Dry82, Dry84, QL88a]. **Capital** [PB96]. **cardiac** [PF05]. **Carlo** [ABLS05, AGLK08, ARZ00, ARZ01, N'K91, NS00, WLH97]. **Cartesian** [TT01]. **Cascadic** [BD97, BD96]. **Case** [DW87, GLPE97, MM89b, MM89a, NW91, QL94, Wid88c, Wid89b, BP04, Bjø89, Hua95, Hua96, Kwa03, Osw94, ZH92]. **casting** [LPL00, LLP01, LPSL02, LLP03, LL01, Pie04, PLL05, TD08]. **cathode** [SXyWX09]. **cavities** [HW09]. **cavity** [BK87]. **CEDAR** [Ber89, BB91, Fra90, FGM90]. **Cell** [QFR03, WLH97, CHH04, CWD08, ELV88, Kwa03, Mis94, SXyWX09]. **cell-centered** [ELV88, Mis94]. **cell-centred** [CHH04]. **cells** [AIIV98]. **Centered** [DD94, ELV88, Kwa03, Mis94]. **Centre** [CA02]. **centred** [CHH04]. **CFD** [CP97, HG08, Nor01]. **CG** [HLM93, MMC06]. **CG-Verfahrens** [HLM93]. **CGBI** [KW01]. **Chain** [Kus97]. **Chained** [HKD96]. **challenge** [Lit97]. **Change** [BGT97, TCK91]. **channel** [yGjW09, KW01]. **Chaotic** [Hua97]. **characteristic** [ALW99, Cha05, Cha06, Li06, LY08, RY97, TJDE97, WVE97, Yan00]. **characteristic-based** [WVE97]. **characteristics** [ADP02, Rui98]. **characteristics-based** [ADP02]. **Chast** [EZK84]. **Chaussées** [GGMP88b]. **Chebyshev** [DDS89b, Dev90, SK92, sX96]. **chemical** [Eng09]. **Chimera** [BLP03]. **China** [KNS99, SM98, Ano89a]. **Chislennoe** [EZK84]. **chislennogo** [Il′89]. **Chislennye** [Il′90, Kuz90a, Kuz92]. **Chislennyi** [Kuz88a]. **Choice** [IK95]. **Choosing** [Ste05a]. **circular** [KT96, Wu92]. **circulation** [MSW98, WME+95]. **Class** [Sch96, Xu92b, AR04, FL05, LT03, LT09, Mie88, Rui93, Sch94, WS04]. **Classes** [Il'69]. **Classical** [Wid89b]. **Classification** [LYK07]. **Clifford** [STJ04]. **Climate** [ABBB94]. **cluster** [SV96a]. **clusters** [CP05, KPW96]. **CO** [ACM01]. **coarse** [BDV97, CS95, CSZ96, DNS00a, DNS00b, FC94, HSW10, NV04, Sar03, VTBK97]. **coarse-space** [DNS00b]. **Cocoyoc** [HK+02b]. **Code** [CP97, DRSW04]. **Coefficient** [CH91, MG05, GVT03, Nep92, Osw91c, SLC04, Su94]. **Coefficients** [BGT97, Nep91, Sar93, TK01, AIIV98, BN07, Cha04, Cha06, DP05, GM91, ILW07, KW02, LLPJ08, MB96, Sar03, Zhu08]. **collaborating** [MR94a]. **Collider** [ZC95a]. **Colliding** [QFR03]. **Collision** [WLH97]. **Collocation** [Bia93, BD03a, Qua90, Bla92, Dev90, DHY03, KM91b, LV90, MDTC08, MR99, PHR07, QL88b, YH03, Zam89, Zam92]. **color** [SLLZ94, SB89]. **combination** [AL95, AL96]. **combinations** [Li97]. **combinatorics** [HK98b]. **combined** [KMZ90]. **Combining** [CWD08].

Combustion [BW89c, BW89b]. **Communication** [Den97, MJC99, BB09, IBA02]. **Como** [QPKW94]. **compact** [Zha87]. **Comparative** [FRC+95]. **Comparison** [CGK92a, CGK93, CGK94, GLC89a, KPW95, KNY98a, LPSL02, RL02, Wid88a, Bou90, FHW04, KPW96, KG87, NV04, RKL89]. **Comparisons** [Nab03]. **Compatible** [Buf06]. **Compensation** [MC97]. **Complement** [CGL01, Man89b, Man90d, Bre99, CG89, DS95b, HKK05, PRPZ06]. **complementary** [MW04]. **complex** [FDS99, HK02a, STJ04, Tru85]. **Complexity** [GK88, Lio00, CS95]. **complicated** [KS05]. **component** [Bou90, Kuz86a]. **Components** [Dag93, BK87, BB09]. **composed** [TS01]. **Composite** [yGjW09, BC07b, KRT91a, Mas87, McC84, MT86a, RTÈ06, SD07, Vab91, XGB10]. **composites** [TG04, TP93, XT04]. **Composition** [Leb86, RTÈ06]. **Compositional** [Fos96]. **Compressible** [Hes98, AKCHW01, CFS97, CPS99, CW99b, DW10, DL01, DN06, DL10, Gol03, HXG01, Hes97, LL08, NP01, Tid95, Tou01, Yan00]. **Computation** [BL91, Boy05, BDG+97, Chi81, Gai95, Hop03, IU98, KMM91, Kop89, LP94a, NZZ94, PAF+97, PS88, PS93, Cor90, XCHK96]. **Computational** [ARS95, AvdH92, BCT99, Bat01, BS93b, BK92, BGPW89, Cha88, Gee98, GKL+09, HM87, IOD98, KGTL03, RSSV90, REB+92, Sat01, STDH02a, STDH02b, STDH02c, Tra00, VIT05, Wen06, WB91, AMS09, Cha89, DLPW02, FL05, HC02, HMZ94, KCC89, Key03, KRW05, KM03, KL07, Mil93, PB96, TL88, MIL02, Ned95]. **Computations** [GV89, MB92, AB95, BBCH08, BK87, Goy99, KMN93, Kho96, OSCH00, TV01]. **Computer** [AFL96, GL81, KMM91, PB96, PSB+94, BV92, De 91, KM01, Pri95, Sch88, Suz97]. **Computers** [BS92a, FL00, GK89, Meu88a, Meu91b, WLH97, BT06, Geo99, Hei95, MB94, Meu89, PdOG99]. **Computing** [ACM01, BBG+95, BM91, Dan91, GL86, GLT89, GL90, Gro92, GT94, HK98b, IEE94a, IEE94b, LS09, AFL96, AAM06, BM10, CDG+92, DDGM89, DKM+92, DW94b, EJL92, jFZ06, GW89, GP86, GZW+00, KX94, Lai94a, LNT84, LCHS96, MWL01, NN92, PS07, RBS94, WA03, GV87, Koe01]. **concave** [YD04]. **Concepts** [MNW08, RSVV08]. **concerning** [Kur93, Sch74, Xu91]. **Concurrent** [GW89]. **condition** [Bre99, EG94, GZW+00, SHS09]. **conditioned** [Ovt93]. **Conditions** [Ben96, MRS04, SFNW05, Ast78, BM01, Bla00, CW99b, CM00, DH97a, DH98, Dub01, EZ98a, EZ98b, Gil01, GP01, GW87b, Gro01, HXG01, JN01a, JM06b, LS05, Loh92, NR94, NP01, NMB10, PRL10, QX08, RG03, SFNW02, SD04, Stu10, Tou01, TV01, ZY07]. **Conference** [BBG+95, DRV00, GV87, GLT89, GKL+09, GT94, HK+02b, IEE94a, IEE95, IEE96, KX95, KX94, QPKW94, Tra00, XCHK96, CLM89, LCHS96, Ano96b, Ano96a, Ano96c, DDN95, Koe01, LBCW99, MMO90, MIL02, Mor90, Sam98]. **Conformal** [Dri99, Gai95, PS88, Pap89, PS90, PS92, PS95]. **Conforming** [Kar94, Kar97, Osw92a, BM93a, CH09, KP90, pLhH93, MS05b]. **Congrès** [CD08]. **Congreso** [CGCH93, Ano91]. **Congress** [BGPW89, PSB+94, JMM+94]. **Congressi** [GT94]. **Conjugate** [GLC89b, Hes56, KNGK04, Man90d, Mey90, SW93, Yse86a, CGPT05, CH93, CGO76, DM89, Ewi89b, jFZ06, GAF09, MJC99, Meu88b, PP88]. **conjugation** [SD04]. **Connected** [Dag93]. **Connecting** [PBL08]. **Conservation** [Qua90, TW07, BPO95, HSS07]. **Conservative**

[DD94, YSF03, Zhu10, DD92]. **conserving** [HB10]. **Constant** [CH91, MG05, AIIV98]. **constrained** [BGH+07, DD07, Ulb07]. **constraint** [BF03]. **constraints** [For07, HB10, MD03]. **Construction** [CH92, DS99, BPS86a, BPS87, BPS88, BPS89, Hua01, Ovt93]. **Contact** [Ala07, Dan02, HF88, Kra09, DP09, DV96, DFS98, DNS00a, DGS01, DHSV02, DKV+10, Kok08b, Kok09, KS05, KHD05, LKY07, LS98, PGW09, SIR08]. **Contact/Impact** [HF88]. **contained** [HC92]. **contaminant** [TAA03]. **contamination** [DL10]. **continuation** [CCJ99, Vas92]. **continuity** [WW89]. **continuous** [DKKV95, KD92, LPL00, LLP01, LPSL02, LLP03, LL01, Pie04, PLL05]. **Continuum** [HF88, PBL08, BFG+03, TKH09, XGB10]. **continuum-to-atomistic** [XGB10]. **contrôle** [DFLR93, LP98b]. **Contractivity** [PAJ10]. **Control** [Ben96, CLYZ99, FMP+98, HN06, Kus97, LL00, Leu99, BV92, Bou02, BL91, GH98, HN05, KS99, KD92, Lag99b, LL04, Leu98b, Leu98a, LP98b, SM07, SD04]. **controllability** [BDG+97, CGPT05, Lag99a]. **Convection** [Bog02b, Cai91, CK89, JN01b, JN02, Bog02a, BP06, BP07, Bog08, Bor05, CSX05, DDS89a, DDS89b, JN03, Kur93, Kuz90b, KNT94, Li06, LY09, MS02, RY97, Rui98, Tse00, Vab96, WC03, WY97, Zho97b, ZYD09, ZYD10]. **Convection-Diffusion** [Cai91, CK89, JN02, Bog02a, BP06, BP07, Kur93, Kuz90b, KNT94, Li06, MS02, Rui98, Vab96, ZYD10]. **Convection-Dominated** [JN01b, Bor05, JN03, Zho97b]. **conventional** [HM00]. **Convergence** [Bjø89, BPWX91a, BPWX91b, CGK90, CGK92b, CHL91, DP09, Du01, Hac91a, Jia06, KK97, Kok08a, LL97, LT09, MD03, MLB99, NN97, RVY93, RKL89, SST05, TT99b, TW07, Wid89b, Yse86a, Bal05, CZ96, Cha97, lCjZ93, CH94a, EB99, FNS02, FFS98, GHN99, Gu97, Kwa03, LP95, LSL89, Ma96, Osw94, SLLZ94, VTBK97, Wan01, Yu96, Zen96, zZZhS02]. **Convergent** [Sch96, GEF05]. **converges** [GG03]. **convex** [Car97, TX99, FGRS97]. **Cooperative** [SAM10]. **Coordinate** [TMS87, IK95]. **Coordination** [EA96]. **coprocessor** [Lt93]. **corners** [RS01]. **Corrected** [LSS09a, SL06]. **Correction** [MCL02, BS84b, DLPW02, Hac84, Hua97, LXZ03, LL09, NV04, OX99, PS07, TX99, Xu92a, Jun10]. **corrections** [BC07b, Rui98]. **corrector** [PLL05, ZYD09]. **Cortex** [KDBG95]. **Cost** [KMN93]. **Cost-effective** [KMN93]. **Coulomb** [DV96, KHD05]. **Counterexamples** [Xu91]. **Couplage** [TM94, Tid92]. **Coupled** [Ben96, BCG94, DV97, Don91, JG02, LP06, AR03, AM06, AMS09, BK06, CF99, EG09, FX04, HST95, HK96, KFK97, Man03, N'K91, Xu96]. **couplex** [PP04]. **Coupling** [BQQ09, Cor94, DQV07, MGC09, PBL08, QLV91, Tid92, DDM07, DS95b, DGPT88, DQ03, Dis05, Dor91, GRN99, Hop03, HIRW05, KN02, LCP97, LBB10, Tiw00, WPT08]. **course** [Gan08]. **covolume** [Zha06]. **crack** [Tha95]. **Cray** [Lai93, MS90]. **criteria** [Roz92, Tiw00]. **cross** [HR09]. **cross-points** [HR09]. **Crosspoints** [DPW86]. **Crouzeix** [GH95, RXH05]. **crystal** [LJ07a]. **Cubed** [YCC10]. **Cubed-Sphere** [YCC10]. **cuboidal** [Kar94]. **Current** [BFG+03]. **curse** [Nov99]. **curved** [VMP10]. **cycle** [BP91, Kwa03, SX99]. **cyclic** [Fra90]. **cylinder** [Wu92]. **Cytogenetic** [LYK07]. **cytoplasmic** [Kha08].

D [KY89, KR07, KR08, Lag99a, ARIV97, BIP01, BM93a, BIA05, CJSS08, DGS01, Dry88, Geo96, GHS93, HK98a, ILW07, JY01, JN02, Kra09, Kuz89b, Kuz91a, Kwa03, Lag99b, Lt93, LJ06a, LJ07b, LC08, LW07, PR95, Tal93, Yan10, Yu99a]. **D-D** [Yan10]. **dam** [LLP01]. **Dame** [IEE96]. **d'Analyse**

[CD08]. **dans** [Sob36, Tid92, d'H92]. **DAP** [LL88, Wai88]. **d'approximations** [Tid92]. **Darcy** [CMX09, DQ03, Dis05, DQV07, GS10]. **Data** [Haa97b, LS09, AR04, Bab90, BG91, BB91, CLM89, IL05, Jun97, KPW95, Nie09, ÖD93, Per92]. **Database** [LYK07, RM88]. **databases** [Don89]. **datalog** [Don89]. **Davidson** [GSv03]. **DDM** [DL10, LPP02, LMO99]. **DDMs** [CTD05]. **Decisions** [YSF03]. **Decomposed** [CK89, CR85a, GCP91, Roe89, SS98]. **decomposing** [Don89]. **Decomposition** [ABLS05, Ago88, Ain96b, ARZ01, ABBB94, Ano96a, BIP01, BGT97, BJNN02, BL04, BP08, BCT99, BLB00, Bel04, Ben95, Ben96, BB06, Beu02, Beu05, Bia93, BD03a, BDV96, BMOV96, BW89a, BMS90, BS92a, BCG94, BKK01, BW89c, BS93b, Bog02b, BGTV89, BEPP90, BEPP92, BIA05, BZ06, Cai89, CGK90, CGK92a, CW92, CGK93, Cai93b, Cai93a, CGK94, Cai95, CPR$^+$03, CP97, CAL96, CR87, Cha87, Cha88, CH88, CG88, CGPW89, CGPW90, CM91, CH91, CHL91, CMS92, CKM$^+$92, CM92, CG92, CMS94, CA02, Cia94, CW91, CMW92, CDG$^+$92, CWW92, CMW93, DDF10, DS99, Dan02, DS02, DD91, DD94, DT91, Den97, Den03, DV97, DQV07, DKW08, Dri99, DPW86, Dry88, DW89b, DW90, DW92b, DW93c, DW94c, DG00, Du01, DY02, ES96a, EA96, Ewi89a, ELPV93, FR92, Fen00, FGRS97, FL00]. **Decomposition** [FM99, Gar94, GK97, GLPE97, GP86, GGMP88a, GW88, GGMP88b, GKW90, GKM$^+$91, GK89, GK91, GK92, GS92a, GS92b, Gro92, GH01, GL00, GH03, HLM90a, HLM91a, HLM91b, Haa97b, Hac91a, HE95, HKD96, HN06, Hei93a, Hem95, Hes98, HZ03, Hu05, JKKM01, JN01b, JN02, JCL07, JG02, KRT91b, KK99, Kar97, KG89, KG90, KX95, KNY98a, KST98, KDBG95, Kla98, KW00a, Kus97, Kuz89e, Kuz91b, LL00, LBCW99, LS09, Lar99, Leu99, LP94b, LCG$^+$10, LMO00, LB96, MRS04, Man89a, Man92b, MB92, Man93, Man90d, Mar01, MR88, MCL02, Mat89, MPRW98, Meu88a, Meu91b, Mey90, MPS86, MG05, MR92, MR94b, Mu95, Nep86, Nep91, NO90, NPY$^+$97, OPF97, OL99, PS10, PBL08, Pas88b, Pav92, QL94, Qua89, Qua90, QPKW94, QSV06, RM88, RVY93, RGG06]. **Decomposition** [SFNW05, SST05, Sch98, Sch96, SL06, Smi90, SW90, Smi91, Smi92b, SBGP98, ST98, Tai02, TMS87, TMV98, TW07, TY98, TCK91, TK01, Wid88a, Wid89d, XZ98, YCC10, Yu01, YHBM96, Zha91, Zha92c, ZS01, ZS02, AQ04, AH02, Abd93, AAH$^+$00, AK90, Abr96, AE98a, AE98b, Abr00, ARRS09, ARRS10, AJT$^+$99, AR03, AE07, Adž94, AF85, AK88, Ago86, Ago87, AB88, Ago89, Ago90a, AL90b, Ago91, Ago95, AT95, AD96, Ago98, AL93, Ain96a, ALW99, AR04, AJR$^+$00, Alb95, AM06, ACM08, ARZ00, AV99, ADC09, AAH06, AF04, AL97, AMS09, AKCHW01, AIV95, AP88, AFK02, Bab90, BG91, Bad03, BIW04, Bad06, BBM92a, BJ01, BZ96, BSS04, BWA92, BBCH08, BM89, BRVC09, BK00, Ber03, Ber04, BK87, Bet07, BMS91, Bla92, Bla00, Bla04]. **decomposition** [BB09, BBM00, Bör89a, BS92b, BS93a, Bog99, Bog00, BD01, Bog02a, BD03b, BP06, Bog06b, BP07, Bog08, Bol96, BW89b, Bör89b, BO07, BB02, BGT88, BBTD05, BVW97, BP90, BPWX91b, BPV98, BS90, BS91, ByS99, Bre99, BS00, BH03, BK06, BBM92b, BM93b, BDG$^+$97, Bru91, Buf02, Bul88, BA89, CGK92b, CS96, CFLS94, Cao92, CZ91, CQ95, Car97, CKL98, CDG95, CDG96, CGM01, CHH02, CHH04, CR85b, CR88, Cha89, CG89, CES91, CZ94, CS94, CZ95, CS95, CGZ97, Cha04, Cha05, Cha06, CP05, CP96, Che88, CS89, CEL96, CE97, CH09, lCS06, CCJ99, Chi81, CH92, lCjZ93, CH93, CH94a, CH94b, CH97, Cic96, CMV$^+$06, CWD08, CW99b, CM00, CG94, Cot91, CMW95, CF99, DS95a, DS96, DG07, DDK06, Dar04, Dav01, DDD91, DD92,

De 91, DS92, Dek01]. **decomposition**
[DDS89a, DDS89b, Des90, Des91, DS95b, DGP84, DP08, DGP80, DMPG83, DGPT88, DQ03, DP09, DV01, DW10, DL01, DLN02, DN06, DNR09, Dor91, Dos90, Dos95, DV96, DFS98, DNS00a, DNS00b, DGS01, Dou91, Dou92, DY96, DH97a, DH98, DH97b, DT07, DZ04, Dua06, DTH09, Ego00, EE97a, EG09, EHI$^+$00, EZ98a, EZ98b, EG94, EE97b, ETV94, ETY98, Ewi91, ELLL99, FFN$^+$02, Fal03, FC94, FMT99, FLP00, FML00, FL05, Fen98, Fen07, FGGV08, FSS06, For07, Fra90, jFZ06, FFS98, Fun88, FQZ88, GGM00, GGM02, GL88, GOD$^+$07, GNHR$^+$03, Gas92, Gas93b, Gas93a, GG94, GGQ96, GM98, GK09, GM91, Geo96, Geo99, GRN99, GTZ88, GK02, GVT03, GHP10, GGL04, GRW05, GDP83, GP85, GW87a, GPP94, GPSW97, GLP$^+$06, GZ02, GJS10, GCMGRG09, GW87b]. **decomposition**
[GR06, GH89, Goy99, GLS07b, GKB09, Gra02, GK88, GH94a, GH94b, GH95, GH97, GHS93, GHL00, GZW$^+$00, yGjW09, GM09, Gus03, GHF00, GHF01, HLM90b, HL91, HLM92, Haa97a, Haa00, Hac84, Hac03, HTJ88, HB04, HS94a, He96, HK97, HK98a, Hei93b, Hei95, HJ97a, HR09, Her98, HK$^+$02b, HYD03, HDY05, HY10, HSS07, HB10, Hes97, Heu99, Hie05, HND06, HJ97b, HZ93, HS94b, Hol03, HK01, Hop03, HIRW05, HC98, HC02, HC03, HSW00, HC91, HC92, Hu99, HW09, HSW10, Hua93, Hua95, Hua97, Hua04, IP98, Il′91, IL05, IVA93a, IVA93b, IBA02, IK95, IAK06, JK01, Jan07, JN01a, JL08, JY01, Jia96, JN03, JM06a, JM06b, JM06c, JM06d, Jun09, JM09, Jun10, Jun97, KPW95, KPW96, KN02, Kan87, KR90, KL95, KP90, KT96, Kat94, KG87, KGE89, Key99]. **decomposition**
[Key03, KX94, Kho96, KMZ90, Kim94, Kim98a, Kim98b, KM91a, KM92, KST01, KW99, Kla06, KR10, KM03, Koj91, Kok07, Kok08a, Kok08b, Kok09, KM91b, Kon90, Kop89, KKNR05, KI96, KJ99, Kor01, Kor02, KR07, KR08, KL90, KW00b, Krä05, Krz05, KHD05, Kuh96, Kuh98, KT05, Kur93, KW08, KT83, Kuz86a, KT87, KL88, Kuz88b, Kuz89c, Kuz89a, Kuz89d, Kuz89b, KKS90, Kuz90b, Kuz90c, Kuz91a, KN92, Kuz98, Kuz02, Kva88, KNP02, KNP03, Lae92a, Lae93a, Lae93b, LG95a, Lag99a, Lag99b, LL04, Lai92, Lai93, Lt93, Lai94a, Lai94b, LCP97, LW98, LW00, LLP01, LPSL02, LLP03, LLPJ08, LT03, Lay92, LR95, LVM88, LS95, LG87, Lee00, Lee06, Leu98b, Leu98a, LS98, LL93b, LL95, LL97, Li97, LZ00, Li06, LLL$^+$06, LY07, LJ07b, LY08, LT09, LY09]. **decomposition**
[LL89, pLL90, pLhH93, LSS09a, LC08, LK04, LK98, LW07, LH09, Liu09, LJ06b, LR00, LLS89, LSL89, LLS91, Lü92a, Lü92b, Lü92c, LM06, LM07, LOM98, LMM00, Lui09, LY98, LB94, MSY09, MS10, MvdV01, MW04, MST96, Man90c, ML91, MB96, MD03, MKM86, Mar89a, MQ88, MQ89, McC89b, MG91, MNW08, MB94, Meu88b, Meu89, Meu91a, MGLS91, MC05b, MT86b, MY07, MGMC05, MMC06, MS90, MLB97, MLB99, Mró89, Mró97, MS02, Mur98, N'K91, Nab03, NRWF08a, NPH09, NR94, NRdS95, NN97, Nat95, Nat97, NHD$^+$03, Nep97, Nep07, Nep92, NP93, NMB10, OBG10, OSW06, OM97, Ova07, Ovt93, PAF$^+$97, PdOG99, PV08, PWSB91, PB94, PS88, PS90, PS92, PS95, Par95, Par04, Pas88a, Pas91, Pav99, Pav00, PS09, PT03, PY03, PRL10, PC97]. **decomposition**
[PR90, Per92, PS07, Phi90, Phi92, Pie04, Pin92, PP04, PPŠ07, PAJ10, PS00, PHR07, Prá93, Pri95, QX06, Qua87, QL88b, QV90, QLV91, Qua91, Qua94, QV99, Rac95, RS01, RV04, RV05, RVY97, RG03, RHGT10, Roa95, Roe93, RP89, Røn92, Røn99, Rui96, RY97, Rui98, RW92, SSZ98, SFNW02, SK09, Sal04, SV95, SV99b, Sas03, SIR08, Sbo91, SW91, SZB$^+$07, SST96, Sch94, Scr88, Scr91, qSnH09, Sha90, Sha94, SC96, SLC04, Shi95, SV96b, SAM10, SBG96, SR92, SC92, Ste94,

Ste95, Ste96, SW97, SW99, Ste05b, ST00a, SMT08, SS93, Stu10, Su94, SHS09, SXyWX09, SM10, Suz97, ST00b, Swa93, Tai94, TT99a, Tai03, TRV91, TR93, Tal93, TMV94, TM97, TT99b, TV99, TB97, TD07, Tha95, Tho91, TY07, Tid95, Tor94, Tos04]. **decomposition** [TV04, TH01, Tro96a, Tru85, Tse00, TMNF01, TS01, Tsu96, Tut08, TAA03, Ulb07, USDM06, Vab90, Vab96, Vab08, Vas90, Vas92, VMP10, WZC10, WVE97, WY97, Wan01, WA03, Wan06, WR09, WGZ+10, Whi00a, Wid96, WK01, Woh01, WL06, WW89, Wu92, WL03, WS04, XO94b, XO94a, XS09, sX96, Xu92a, XS94, Xu96, XTW10, pY93, Yan96, Yan00, Yan02, Yan10, Ye98a, Ye98b, Yot01, Yu94, Yu96, Yu97a, hY98, Yu99a, Yu99b, Zam89, Zan87, Zen96, ZY07, Zha95, ZH91, Zha92a, ZH92, Zha93, ZL96, ZS00, Zha06, ZZYY08, ZC95b, Zho97b, zZZhS02, ZHL03, ZW05, Zhu95, ZZ02, ZD04, Zhu08, ZYD09, Zhu10, ZYD10, d'H92, d'H93, dCD00, AT95, AD96, Ago98, BGT88, Des91, GGM00, LS98, d'H92, Mur97, Xu97, Des90, De 91, Tho91]. **decomposition/fictitious** [GPP94]. **decomposition/upwind** [Fuj98]. **Decompositions** [HSY04, BH00b, CC97, CH09, FMW04, FRC+95, HK08, Hu04, NZZ94, QL88a]. **d'écoulements** [Tid92]. **Decoupled** [MP09]. **Defect** [BS84b, BC07b, DLPW02, Hac84]. **Defined** [Il'69]. **Definite** [GL81, CDS04]. **deflation** [NV04]. **deformation** [PGW09, RJ07]. **degenerate** [BN07, GH94c]. **degenerating** [Shi93]. **degree** [Osw90b]. **dekompozitsii** [Lae92b, Lae92c, LL93a, Lap89]. **del** [Ano91]. **Delamination** [TP93]. **d'Élasticité** [De 91]. **Delaunay** [JG02]. **Delay** [GH01, VG05]. **d'éléments** [AT95, LS98]. **Denmark** [DW94b]. **Denver** [ACM01]. **dependence** [GG03]. **Dependencies** [RM88]. **Dependent** [DY02, BIW04, IVA93b, SC96, Ulb07, Vab08, ZYD09]. **depths** [BA04]. **derivatives** [Boy05]. **derived** [LVM88]. **Deriving** [DNR09]. **describing** [BB09]. **description** [BHHA73]. **Design** [ES96b, Ber89, WZC10]. **Designed** [BS92a]. **determining** [Su94]. **Developer** [IEE96]. **Development** [AGLK08, Tid01, BGOD02]. **developments** [GH97]. **device** [BS93a, CG94, Lai93, Lt93, LSS+09b, WW89]. **devices** [AM06, LJ07a]. **devoted** [BP08]. **diagnostics** [BS93a]. **Diagonal** [Man89b]. **diagonalization** [WK01]. **Diakoptics** [Lai94a]. **Diferenciales** [CGCH93, Ano91]. **Difference** [Bog06c, Dry81, Vab96, Bog99, Bog06a, Bog06b, BA09, Bra66, CH94b, DDD91, Gra02, GHF00, Hua90, Hua93, Kop89, KL88, Kwa03, Li06, LLL+06, LY07, LY08, LY09, LM06, LM07, Mas87, MY07, MSW98, Mis94, Nep84, NZZ94, OSCH00, RTÈ06, TY07, TS01, Vas92, WZC10, WR09, WME+95, Zhu95, Sam98]. **Differences** [DD94, BCDM88]. **different** [BA04, Tid92, Tid95, Yu99b]. **Differentiable** [Il'69]. **Differential** [Bab58, Ban90, BJNN02, BCLP96, Ben96, Cai89, CGPW90, CKM+92, CW91, GGMP88a, GGMP88b, GKM+91, GKL+09, HM87, Joh87, LW07, McC89a, Meu88a, NO90, Smi90, SBGP98, WS04, ARRS10, Bab57, BFH+95, BPMB00, Bal05, BJ01, BL00, BT06, CQ90, CE97, DS92, DPRW93, DY96, DTH09, FMP+98, GN08, GW87b, GK88, GR07, GHL00, Hac91b, Hos07, KG87, Kla06, Kva88, LL04, LNT84, Lay92, LB93, Lü92a, Lü92b, Lü92c, LB94, MDTC08, Meu89, Qua91, QV99, RVY97, Scr88, Tem88, TV91, Xu09, ZZYY08, ZG87]. **differential-algebraic** [Hos07]. **Differentialgleichungen** [Bab57]. **différents** [Tid92]. **diffuse** [Grü01]. **Diffusion** [Bog02b, BZ06, Cai91, CK89, HP05, JN02, Kla98, LMO00, ALW99, Bog02a, BD03b, BP06, BP07, Bog08, CQ95, Cic96, ETY98,

GKR02, Gas92, GTN03, GLC89a, HB04, HC03, Kha08, KPP09, Kur93, Kuz90b, KNT94, Kuz05, LRH97, LT03, Li06, LY09, Loh92, MS02, N'K91, NMB10, Par04, PF05, RS01, RL02, RL04, RY97, Rui98, Su94, SB89, TT99b, Tv93, Tro96b, Vab96, WY97, XT04, ZZ02, ZYD09, ZYD10].
diffusion-type [GLC89a]. **dilemma** [KW08]. **dimension** [Fun88, LL08, Nov99]. **Dimensional** [Ago88, AIIV97, Dry89, DW93b, GP79, HF88, JN01b, MPS86, TMS87, WLH97, Yu01, ARRS09, AIIV98, BDOP07, BA04, Bes87, Beu05, Bou90, BH03, DG07, EE97a, Grü01, HB10, Il'69, JN03, Jun09, KL05, KR06, Kuz89a, Lay92, LJ07a, LSS09a, LM06, OD09, PR90, Poh06, RS01, Stu10, Su94, SB89, TRV91, TV91, TV01, WZC10, sX96, Zha92a, ZYD09, Van93, Hes97]. **dimensionally** [LBB10]. **Dimensions** [Bel04, Cai93a, CPR$^+$03, DKW08, DW92a, DSW93, GS92a, GS92b, HZ03, Man89a, MB92, Man92c, Ong89, Pas88b, PW93, Smi91, Smi92a, Smi93, TK01, BCMP91, BS00, Buf06, Hie05, Kim07, KW02, Lui99, Man90c, MS05b, MC05b, Pas88a, PW00, PW02, SMT08, Tos04, TV04]. **Direct** [BIA05, Hac03, HKK05, PGJB03, GNHR$^+$03, KP90, Neč67]. **directed** [Per92]. **directed-undirected** [Per92]. **directes** [Neč67]. **direction** [AL95, AL96, MT05]. **Dirichlet** [Bör89a, Bör89b, Dry82, HLM90a, HLM90b, HLM91a, HLM91b, HC03, Kor01, KN92, Poi96, Wid84, Yan02, Zha91, Zha92c, Zha92e]. **Dirichlet-Signorini** [KN92]. **Dirichlet/Robin** [HC03]. **Discontinuous** [BGT97, Nep91, Sar93, TK01, BPO95, Cha04, Cha06, DP05, DGS07, GM91, GRW05, HSS07, ILW07, KW02, Krz05, Lae93a, LLPJ08, LT03, LTV01, Sar03, dCD00]. **Discrete** [MRS04, Osw91b, BIM05, Fen07, He96, Hu99, MS02, Vas86]. **Discretisations** [Mat89]. **Discretization** [DV97, Woh01, Yse85, DP03, DW03, DP05, DGS07, DT07, FMW04, HR09, MD08, Tu07, Yu96]. **Discretizations** [Beu05, Mar01, BM01, Buf06, Kor02, KR07, KR08, Mar07, MP09, Osw91d, PW00, Tid95, XZ99]. **discretized** [GH95, ST00b, Xu09]. **dismantling** [PS93]. **dispersed** [DDK06]. **Dispersive** [PS10, CJSS08]. **displacement** [ADP02, LY08, Yan00]. **disposal** [BBTD05]. **Dissection** [Geo73, MB94]. **distribués** [LP98b]. **Distributed** [EA96, IEE94b, NZZ94, YHBM96, BG91, BZ96, CP05, CLYZ99, CRQR89, Don89, HJ97b, HK01, KNG$^+$93, KKNR05, Kuz02, LP98b, PdOG99, SSH08, WME$^+$95]. **distributed-memory** [KNG$^+$93, SSH08]. **Distributed/Parallel** [EA96]. **Distribution** [Haa97b, BB91]. **distributions** [OS04]. **divergence** [Pas91]. **divergence-free** [Pas91]. **dlya** [BK86, EZK84, KS88, KO89, Lap89, Nep90, SV99a]. **does** [Ste05a]. **Domain** [AAH$^+$00, ABLS05, ARRS09, AJT$^+$99, Adž94, Ago86, Ago88, Ago89, Ago91, AL93, Ain96b, AR04, AJR$^+$00, AM06, ACM08, ARZ00, ARZ01, ABBB94, AF04, BIP01, BIW04, Bad06, BGT97, BJNN02, BL04, BP08, BCT99, BLB00, Bel04, Ben95, Ben96, BBCH08, BB06, Beu02, Beu05, Bia93, BD03a, BDV96, BMOV96, BW89a, BMS90, BS92a, BCG94, BKK01, Bla00, BW89c, BS92b, BS93b, Bog00, BD01, Bog02b, BD03b, BW90, BB02, BGTV89, BVW97, BEPP90, BEPP92, BS90, BS91, BIA05, BZ06, Cai89, CGK90, CGK92a, CW92, CGK93, Cai93b, Cai93a, CGK94, Cai95, CPR$^+$03, CZ91, Car97, CP97, CAL96, CR87, Cha87, Cha88, CH88, CG88, Cha89, CGPW89, CK89, CGPW90, CM91, CES91, CH91, CHL91, CMS92, CKM$^+$92, CM92, CG92, CS94, CMS94, Cha04, Cha05, Cha06, CP96, CEL96, CE97]. **Domain** [CGPT05, CA02, CH97, Cia94, CMV$^+$06, CW99b, CG94, CW91, CMW92, CWW92,

CMW93, CF99, DDF10, DS99, Dan02, DS02, Dav01, DD91, DD94, DT91, DS92, Den97, Den03, DV97, DS95b, DP08, DQV07, DKW08, Dri99, DPW86, Dry88, DW89b, DW90, DW92b, DW93c, DW94c, DG00, Du01, DY02, ES96a, EE97a, EA96, Ewi89a, ELPV93, ELLL99, FR92, Fen00, FGGV08, FSS06, FGRS97, For07, FL00, Fun88, FM99, GGM02, Gar94, GK97, GLPE97, GDP83, GW87a, GGMP88a, GW88, GGMP88b, GKW90, GKM$^+$91, GPSW97, GLP$^+$06, GW87b, GLS07b, GKB09, Gra02, Gri94, GK89, GK91, GK92, GS92a, GS92b, Gro92, GH94a, GH01, GL00, GH03, HLM90a, HLM91a, HLM91b, HLM92, Haa97b, HE95, He96, HKD96, HK98a, HN06, Hei93a, Hem95, HK$^+$02b, Hes98, Heu99, Hie05]. **Domain** [HIRW05, HSW00, HZ03, HSY04, Hu05, Hua93, IP98, IVA93a, IAK06, JK01, JKKM01, JN01b, JN02, JCL07, JM06a, JM06b, JG02, KN02, KR90, KK99, Kar97, KG89, KGE89, KG90, KX95, Key03, KX94, KMZ90, Kim98a, KNY98a, KST98, KDBG95, Kla98, KW00a, KM91b, Kop89, KJ99, Krz05, Kuh96, Kus97, KT87, KL88, Kuz89e, Kuz90b, Kuz91b, Kuz02, KNP02, KNP03, Lae93a, Lag99a, Lag99b, LL00, LL04, Lai93, LS09, Lar99, Lay92, LS95, Leu98a, Leu99, LP94b, LL95, Li97, Li06, LY07, LY08, LCG$^+$10, Lü92a, Lü92b, Lü92c, LMO00, LB94, LB96, MRS04, MST96, Man89a, ML91, Man92b, MB92, Man93, Man90d, Mar89a, Mar01, MR88, MCL02, Mat89, MPRW98, Meu88a, Meu88b, Meu89, Meu91b, Mey90, MG05, Mró89, Mró97, MR92, MR94b, Mu95, Mur98, Mur97, NRdS95]. **Domain** [Nat95, Nat97, Nep86, Nep91, Nep97, Nep07, NO90, NPY$^+$97, OPF97, OL99, PWSB91, PB94, PS95, PS10, PBL08, Pas88b, Pas88a, Pas91, Pav92, Pav99, Pav00, PT03, PC97, Pie04, Pin92, PPŠ07, PS00, QL94, Qua87, QL88b, Qua89, QV90, Qua90, Qua91, QPKW94, QV99, QSV06, RS01, RVY93, RGG06, Røn99, Rui98, SSZ98, SFNW02, SFNW05, SST05, SV99b, Sbo91, SZB$^+$07, Sch98, Sch96, SLC04, SL06, Smi90, SW90, Smi91, Smi92b, SBG96, SBGP98, SW99, ST98, ST00a, SMT08, Tai94, Tai02, TMS87, TRV91, TR93, TMV98, TB97, TW07, TY98, Tha95, Tid95, TCK91, Tor94, TK01, Tos04, TV04, Vab08, Whi00a, Wid88a, Wid89d, Wid96, WK01, WL06, WW89, WL03, XO94b, XO94a, XS94, XZ98, Yan00, YCC10, Ye98a, Ye98b, Yu97a]. **Domain** [hY98, Yu01, YHBM96, Zan87, Zha91, Zha92c, ZS00, ZZYY08, ZW05, Zhu08, ZS01, ZS02, d'H93, AQ04, AH02, Abd93, AK90, Abr96, AE98a, AE98b, ARRS10, AR03, AE07, AF85, AK88, Ago87, Ago90a, AL90b, Ago95, AT95, AD96, Ago98, Ain96a, ALW99, Alb95, AV99, ADC09, AAH06, AL97, AMS09, AKCHW01, AIV95, AP88, AFK02, Bab90, BG91, Bad03, BBM92a, BJ01, BZ96, BSS04, BWA92, BH00b, BM89, BRVC09, BK00, Ber03, Ber04, BK87, Bet07, Bjø89, BMS91, Bla92, BB09, BBM00, Bör89a, BS93a, Bog99, Bog02a, BP06, Bog06b, BP07, Bog08, Bol96, BW89b, Bör89b, BO07, BGT88, BBTD05, BP90, BPWX91b, BPV98, ByS99, Bre99, BS00, BH03, BK06, BDM89, BBM92b, BM93b, BDG$^+$97, BGG$^+$97, Bru91, Buf02, Bul88, BA89]. **domain** [CGK92b, CS96, CFLS94, Cao92, CQ95, CKL98, CDG95, CDG96, CGM01, CHH02, CHH04, CC97, CR85a, CR85b, CR88, CG89, CZ94, CZ95, CS95, CGZ97, CP05, Che88, CS89, Che97, CH09, lCS06, CCJ99, Chi81, CH92, lCjZ93, CH93, CH94a, CH94b, Cic96, CWD08, CM00, Cot91, CMW95, DS95a, DS96, DG07, DDK06, Dar04, DGKL02, DDD91, DD92, De 91, Dek01, DDS89a, DDS89b, DGP84, DGP80, DMPG83, DGPT88, DQ03, DP09, DV01, DW10, DL01, DLN02, DN06, DNR09, Dor91, Dos90, Dos95, DV96, DFS98, DNS00a, DNS00b, DGS01, Dou91, Dou92, DY96, DH97a, DH98, DH97b, DT07, DZ04, Dua06, DTH09, Ego00,

EG09, EHI+00, EZ98a, EZ98b, EG94, EE97b, ETV94, ETY98, Ewi91, FFN+02, Fal03, FC94, FMT99, FLP00, FML00, FL05, Fen98, Fen07, FMW04, FRC+95, Fra90]. **domain** [jFZ06, Fuj98, FFS98, FQZ88, GL88, GOD+07, GNHR+03, Gas92, Gas93b, GG94, GGQ96, GMH08, GM98, GK09, GM91, Geo96, Geo99, GRN99, GK02, GVT03, GHP10, GGL04, GRW05, GP85, GPP94, GZ02, GJS10, GCMGRG09, GCP91, GR06, GH89, Goy99, GK88, GH94b, GH95, GH97, GHS93, GHL00, GZW+00, yGjW09, GM09, Gus03, GHF00, GHF01, HLM90b, HL91, Haa97a, Haa00, Hac84, Hac03, HTJ88, HB04, HS94a, HK97, Hei93b, Hei95, HJ97a, HR09, Her98, HYD03, HY10, HSS07, HB10, Hes97, HND06, HJ97b, HZ93, HS94b, Hol03, HK01, Hop03, HC98, HC02, HC03, HC91, HC92, Hu99, Hu04, HW09, HSW10, Hua95, Hua04, Il′91, IL05, IVA93b, IBA02, IK95, Jan07, JN01a, JL08, JY01, Jia96, JN03, JG03, JM06c, JM06d, Jun09, JM09, Jun10, Jun97]. **domain** [KPW95, KPW96, Kan87, KL95, KP90, KT96, KG87, Key99, Kho96, Kim94, Kim98b, KM91a, KM92, KST01, KW99, Kla06, KR10, KM03, Koj91, Kok07, Kok08a, Kok08b, Kok09, Kon90, KKNR05, KI96, Kor02, KR07, KR08, KW00b, Krä05, KHD05, Kuh98, KT05, Kur93, KW08, KT83, Kuz86a, Kuz88b, Kuz89c, Kuz89a, Kuz89d, Kuz89b, KKS90, Kuz90c, Kuz91a, KN92, Kuz98, Kva88, Lae92a, Lae93b, LG95a, Lai92, Lt93, Lai94a, Lai94b, LCP97, LW98, LW00, LLP01, LPSL02, LLP03, LLPJ08, LT03, LR95, LVM88, LG87, Lee00, Lee06, Leu98b, LS98, LL93b, LL97, LZ00, LLL+06, LJ07b, LT09, LY09, LL89, pLL90, pLhH93, LSS09a, LC08, LK04, LK98, LW07, LH09, Liu09, LJ06b, LR00, LLS89, LSL89, LLS91, LM06, LM07, LOM98, LMM00, Lui09, LY98, MSY09, MS10, MvdV01, MW04]. **domain** [Man90c, MB96, MD03, MKM86, MQ88, MQ89, McC89b, MG91, MNW08, MB94, Meu91a, MC05b, MT86b, MY07, MGMC05, MMC06, MS90, MLB97, MLB99, MS02, N'K91, Nab03, NRWF08a, NPH09, NR94, NN97, NHD+03, Nep92, NP93, NZZ94, NMB10, OBG10, OSW06, OM97, Ova07, PAF+97, PdOG99, PV08, PS88, PS90, PS92, Par95, Par04, PS09, PY03, PRL10, PR90, Per92, PS07, Phi90, Phi92, PAJ10, PHR07, Prá93, Pri95, QX06, QL88a, QLV91, Qua94, Rac95, RV04, RV05, RVY97, RG03, RHGT10, Roa95, Roe89, Roe93, Røn92, Rui96, RY97, RW92, SK09, Sal04, SV95, SS98, Sas03, SIR08, SW91, SST96, Sch94, Scr88, Scr91, qSnH09, Sha90, Sha94, SC96, SP03, Shi95, SV96b, Shi99, SR92, SC92, Ste94, Ste95, SW97]. **domain** [Ste05b, SS93, Stu10, Su94, SHS09, SXyWX09, SM10, Suz97, ST00b, Swa93, TJDE97, Tai03, Tal93, TMV94, TM97, TT99b, TV99, TD07, TY07, TH01, Tro96a, Tru85, Tse00, TMNF01, TS01, Tsu96, Tut08, TAA03, Ulb07, USDM06, Vab90, Vab96, Vas90, Vas92, Vas86, VMP10, VIA94, WZC10, WVE97, WY97, Wan01, WA03, Wan06, WR09, WGZ+10, Woh01, Wu92, WS04, XS09, sX96, Xu96, XGB10, XTW10, pY93, Yan96, Yan02, YD04, Yan10, Yot01, Yu94, Yu96, Yu99a, Yu99b, Zam89, Zen96, ZY07, Zha95, ZH91, Zha92a, ZH92, Zha93, ZL96, Zha06, ZC95b, Zho97b, ZHL03, Zhu95, ZZ02, ZD04, ZYD09, Zhu10, ZYD10, dCD00, Ano96a, Des90, Des91, GGM00, HK+02b, KX94, LBCW99, Tho91, Xu97, d'H92, HDY05]. **Domain-** [GGM00]. **Domain-Decomposed** [CK89, CR85a, Roe89, SS98]. **Domain-Decomposition** [BCT99, GLPE97, TRV91, Alb95, BO07, Fuj98, MG91, Des91, d'H92]. **domain-decomposition/upwind** [Fuj98]. **Domain-oriented** [Gri94]. **domaine** [Des90, Des91, GGM00, d'H92]. **Domaines** [De 91, AT95, AD96, Ago98, BGT88, LS98, Tho91]. **domains** [AB88, Ast78, Bou90, CH06, Cot91, GH90, GP01, Gri85, KRT91a,

Kar94, Kuz02, Lui09, MW04, Poh06, RTÈ06, Sch94, TS01, TP08, Yu96, Yu97a, Gee98]. **Dominated** [JN01b, Bor05, CSX05, ETY98, GGQ96, JN03, WC03, Zho97b]. **d'ondes** [Des91]. **d'opérateur** [GGM00]. **double** [PHR07]. **DP** [DW03, DP05, KL05, Kim07, KW02, KPR08, MS07, MD08, Ste05a]. **Drift** [Kla98]. **DSDADI** [LRH97]. **Dual** [Cow93, DP03, ERMD08, FLP00, KRW05, KR06, LW05, Li03, LJ06a, LJ07b, NPH09, Poh06, PGW09, Tos04, TP08]. **dual-primal** [ERMD08, FLP00, KRW05, KR06, Li03, LJ06a, LJ07b, Poh06, Tos04]. **Duality** [Dos95, DNS00a, DNS00b]. **Duality-based** [DNS00b]. **duct** [CKY02]. **durch** [HLM93, Mor56]. **dvukhfaznoi** [Lap89]. **Dynamic** [GJS10, HKD96, LL00, Leu98b, Leu99, NPY+97, YSF03, BIW04, CC97, DDM07, KR03, OBG10, ÖD93, SD07]. **dynamical** [Lum01]. **Dynamics** [BCT99, Cha88, ES96b, NPY+97, AG91, Bre85, Cha89, CDL04, Dub01, FL05, GDP83, GP85, GP87, Gus85, HC98, HC02, IP98, KNG+93, NRWF08a, NRWF08b, NRdS95, QL89, Rah01, Sat01, TR93, TL88, WST09, XG95, DDN95, Mor90]. **dynamischer** [Rat00].

E. [Bel44]. **Each** [Mey90]. **easier** [DHK06]. **EBE** [HF88]. **ECMI** [BMPV08]. **Ecole** [GGMP88b]. **economics** [Gus85]. **Ecuaciones** [CGCH93, Ano91]. **Edge** [TK01, Tos04]. **effect** [DM89]. **Effective** [TG04, KMN93, MDTC08, MMC06]. **Effects** [MR88]. **efficiencies** [FRC+95]. **Efficiency** [Kra09, HZ93]. **Efficient** [AEZ00, ARRS10, BCMP91, BDR02, CMS92, CMS94, DMW01, Ewi89a, FR92, HS96, HSY04, Kuh98, Man89a, MSW98, SW97, TV99, Van93, BEPS88, CWD08, DL10, FC94, Hos07, HMZ94, Jun09, KP90, Kha08, Krä05, MNW08, NMB10, Ste96, ZYD10]. **efficiently** [Wen04]. **effiziente** [Ste96]. **eigen** [CJSS08]. **eigen-oscillation** [CJSS08]. **Eigendecomposition** [CH91]. **eigensolvers** [Kny98b]. **Eigenvalue** [MG05, Bet07, FDS99, GSv03, GCP91, KALO07, Kuz86a, Kuz86b, Ove88]. **eigenvector** [Nie09]. **Eighth** [GLT89]. **Elastic** [Dan02, CF99, DP09, Fen98, Hua04, OX99, VMP10, d'H93]. **Elasticité** [Sob36]. **Elasticity** [BH88, KW00a, Smi90, Smi92b, CS89, De 91, DW10, DKV+10, FHW04, Geo96, Gol03, GR03, KW99, KR06, KW00b, KO90, MMRT02, Roe93, Sar03, Sob36, Zam92]. **élastiques** [d'H92]. **elasto** [EG09]. **elasto-plasticity** [EG09]. **elastodynamics** [LZ00]. **electrical** [AAM06]. **electricity** [Gus85]. **electrolyte** [SXyWX09]. **Electromagnetic** [WLH97, CJSS08, Hei95, Hop03, HW09, LJ06a, LJ07b, NZZ94, PRL10, SS98]. **electromagnetics** [HPS02]. **Electron** [TMS87]. **electronic** [BBCH08]. **electrostatics** [HS94b]. **electrothermomechanical** [Hop03, HIRW05]. **Element** [Ain96b, Ano89a, Ano96b, BGP89, BJNN02, BB06, BKK01, BW90, CPR+03, Cia78, DPW86, Dry88, Dry89, DW91, DW92a, DW93b, EW91, FR92, Fen83, Fen00, Geo73, GW88, Hvi90, JN01b, JN02, Joh87, Man89a, Man92c, Mar01, Mat89, OPF97, Osw91b, Osw92a, PB96, Pav91, Pav93a, Pav93b, RT75, SHJ89a, Smi92b, SF73, SB91, TL88, TK01, Wid87, Wid88a, Wid89a, Wid89d, Yse85, Yse86b, Yse86c, AL95, AL96, AEZ00, AK97, AHP97, Ago95, AT95, Ain96a, AGLK08, Ald09, BCMP91, BJ01, BWA92, BHHA73, BM01, Bes87, BDR02, Bla07, BB02, Boy05, BC07b, Bre95, Bre88, CJSS08, CTU98, CKL98, Cha05, Cha06, Che97, CSX05, Cic96, Dav01, DW94a, DDS89a, DDS89b, DW93a, DPRW93, Dry84, EG09, EHI+00, ELLL99, Fen98, FX04, jFZ06, Fuj98, GGM02, GOD+07]. **element** [GY09, GEVO08, GG94, GAF09, GP85,

GW87a, GLC89a, HL09, Hei03, HDY05, HJ97b, Hua01, Jia06, JT06, JN03, KPR08, KJ99, KNGK04, Kuh96, Kuz05, LP06, LR95, LVM88, LS98, LZ00, LJ06a, LJ07b, LL89, LCO04, LSS+09b, LK98, LH09, LJ06b, LMM00, MR04, Man90a, Man90b, Man90c, Mar07, MD08, MQ88, MS05b, NK01, NC88, OSW06, Osw89b, Osw90a, Pav92, PW00, PY03, Poh06, PS00, Rac95, RXH05, RHGT10, Rui96, RW92, SHJ89b, SX99, SXC02, SK92, ST96, Ste95, SW97, Str72, SB89, ST00b, Tem88, Tha95, The98, Tos04, TS03, Tu07, TP08, VPDH08, WAW88, Wai88, Wid96, Wid97, WK01, XZ99, pY93, Yan00, Yan02, Ye98a, Ye98b, Yse90, Zha92b, ZL96, ZZ02, dCD00]. **element-based** [dCD00]. **Element-by-element** [SHJ89a, TL88]. **element-capacitance** [Dry84]. **element-free** [VPDH08]. **element-level** [LJ06b]. **element/Newton** [MB94]. **elementov** [Lae93c]. **Elements** [CW91, CMW93, Cow93, DD91, GKW90, HS96, Man92a, OR82, Osw91a, PW93, Sar93, BCLP10, BBKM01, BCDM88, Boy05, BPP07, ByS99, BM93b, CMW95, DS95a, GHS99, GH95, GH97, HW96, Hie03, Hie05, Hua95, Hua96, HM00, KR08, LL88, LW05, ML91, MQ89, MOP+93, Osw91d, Osw92b, Osw93, PRPZ06, Pav00, PPŠ07, QLV91, SX97, SK99, Ste94, SW99, Tho91, Tro96b, Whi00b, Tho91]. **Eleventh** [LBCW99]. **ellipsoids** [PGJB03]. **Elliptic** [ABLS05, Ban90, BJNN02, Ben96, Beu05, BS84a, BW89a, BP87, BLP91, Cai89, Cai90, CGK92a, CW92, CGK93, Cai93a, CGK94, CH88, CH91, Cia78, CW91, CWW92, Don91, DPW86, Dry89, DW89b, DW90, DW91, DW92a, DSW93, DW93b, GK97, GW88, Gri85, GH03, HLM91b, HN06, JCL07, KG90, Kus97, Kuz91b, MM89b, MM89a, Mat89, Mur97, Nep86, Nep91, Ong89, Pas88b, RT75, RVY93, Roa95, Sco94, Smi91, SBGP98, Wid84, Wid88a, Wid88c, Wid88b, Wid89a, Wid89d, Wid92, Yse85, Yse86c, AQ04, AH02, AR04, AAH06, Ast78, BJ01, BDOP07, BM93a, BN07, BW84, BW86, BDR00, BDR02, Bog07, BFK+98, BD96, BGT88, BPS86a, BPS86b, BPS87, BPS88, BPS89, CTU98, CES91, CZ94, CS94, CZ95, CEL96, CH92, CH94b, ČPZ00, CM00, CGO76, DS92, DHY03, DGP84]. **elliptic** [DHK06, Dry84, DP03, DW03, DP05, DGS07, ELV88, FGM90, GW87a, GW87b, GK88, GH94a, GH94b, GH94c, GH95, GHL00, HTJ88, HN05, Hei03, HJ97a, HC91, HC92, Hu99, HSW10, ILW07, KL95, KG87, KGE89, KMN93, Kis90, KM91a, KM92, KW02, KRW05, Kla06, Kor02, KR07, KR08, Kuz89d, Lag99b, LW00, LVM88, LTV01, LS05, pLhH93, MDTC08, Mar07, Mat93a, Mat93b, MT86a, Mil00, Mró89, Neč67, Nep84, Nep99, Nep92, NC88, OM97, Pas88a, Pav92, PW00, Rep08, RVY97, Røn92, Rui96, RW93, Sch94, SD04, Shi95, Shi93, Swa93, Tai94, TRV91, Tal93, TS01, Tsu96, Vab90, Vab91, Vaj93, Vas86, Wid96, XO94b, XO94a, sX96, Yan96, Yan02, YD04, Ye98a, hY98, ZH92, Zha93, ZS00, Zha06, ZZYY08, ZD04, Zhu08]. **elliptic-parabolic** [ČPZ00]. **Elliptic-Type** [Kus97]. **Elliptical** [MPS86]. **ellipticheskikh** [Nep90]. **elliptiques** [BGT88, Neč67]. **ELLPACK** [MKP+96]. **Embedding** [Pri95, CGPT05]. **embedding/controllability** [CGPT05]. **Emden** [OD09]. **employing** [GM09]. **enclosed** [KW08]. **energetic** [BM10]. **Energy** [QFR03, MD03]. **engine** [BW89b]. **Engineering** [GPS89, KX95, QPKW94, AGLV80, AAM06, CCCP91, GL86, GL90, GPSW97, HK+02b, KX94, SAM10, Ano89a, GLT89]. **enhance** [GHP10]. **enhanced** [Sar03, TS03]. **entrant** [RS01]. **ENUMATH** [BKR+98]. **environment** [Ala07, Dan91, GG08, Lum01, Pin92]. **Environments** [YSF03, MMC06, WA03]. **EPS** [GT94]. **EPS-APS** [GT94]. **Equation** [BGT97, Dri99, GP79, Lar99, MRS04,

Osw92a, Abd93, AE07, AR04, Alb95, Ast78, BM01, Bjø80, BP07, BA09, CPS99, CW99a, lCS06, CDL04, DDD91, Des91, EG94, Gas93a, GG94, Gil01, GZ02, yGjW09, GM09, Jia96, Kur93, KT83, KT87, LRH97, LP07, LLL+06, LK98, LM06, LM07, LY98, MSY09, MT86b, MY07, N'K91, NMB10, OD09, Osw91d, PR90, Scr88, qSnH09, SLC04, SMT08, Stu10, Su94, SB89, SM10, TY07, Tru85, TT01, WZC10, WR09, XS09, sX96, Yan02, ZH92, ZZ02, Des91].
Equations [Bab58, Ban90, BJNN02, BLB00, Ben96, BCG94, Cai89, Cai90, Cai91, CGPW90, CKM+92, CW91, CWW92, DD91, DV97, Don91, EES83, GGMP88a, GGMP88b, GKM+91, GKL+09, GK91, GL00, HM87, Hes98, HZ03, JCL07, Joh87, Kla98, Kus97, LL00, MM89b, MM89a, MPRW98, McC89a, Meu88a, NO90, PS10, Qua89, Sch96, SL06, Smi90, SBGP98, ST98, YCC10, ZS02, AAH+00, AK90, AF89, Abr00, ARRS10, AD96, ALW99, AV99, ARIV97, AIIV98, AIIV00, Bab57, BFH+95, BQQ09, BPMB00, Bal05, BJ01, BCLP96, BL00, Bla07, Bog07, BVW97, BT06, CFS97, CPS99, CFLS94, CQ90, CKL98, Cha04, Cha06, Che95, Che97, CH94a, CH94b, Cic96, Cor94, Cot91, CF99, DW94a, DS92, DS95b, DHY03, DRGM04, DP08, DGP80, DMPG83, DQ03, DLN02, DN06, DNR09, DPRW93, DY96, DZ04, DTH09]. **equations** [EB99, FMP+98, FLS94, Fen98, Fen07, FHM05, Fuj98, Fun88, GGM02, GKR02, GGQ96, GQS00, GPP94, GN08, GW87b, Gra02, GLC89a, GK88, GR07, GHL00, Hac91b, HST95, HL96, HK97, HL09, Hes97, Heu99, Hos07, HSW00, Hsi00, HW09, Hua90, Hua93, JL08, KRT91a, KRT91b, Kat94, KG87, Kha08, KW93, Kla06, Kor02, KR08, KK03, KL90, Kuz05, Kva88, Lae92a, Lae93b, LG95a, LL04, LW98, LNT84, Lay92, LXZ03, Lee06, LL97, Li03, LW06, LY09, LSS09a, LCO04, LB93, LH09, Loh92, LR00, Lü92a, Lü92b, Lü92c, LMM00, Lui99, LB94, MS10, MDTC08, MST96, Mar05, MN89, MT86a, Mej94, Meu89, Mil00, Mis94, N'K91, Neč67, NC88, Pas91, PW02, PS07, Phi92, QLV91, Qua91, QV99, RS01, RL04, RV05, RVY97, Røn99, RZ98, Rui93]. **equations** [RY97, SM07, SV96a, SPBV05, SZB+07, Scr91, Seq95, Shi93, SR92, Ste96, ST00a, Tah92, Tem88, Tid95, Tiw00, TKH09, Tor94, Tou01, TGSS10, TV91, Tro96b, TS01, VIA94, WVE97, WW89, WS04, Xu96, Xu09, Ye98b, hY98, Zha92b, Zha93, ZL96, ZZYY08, ZG87, Zhu08, ZYD09, ZYD10, AD96, Neč67].
Equivalence [BY92, HM00]. **equivalences** [Sch05]. **equivalent** [KW93]. **erasures** [CK08]. **Errata** [Cor90]. **Erratum** [CZ95].
Error [Buf02, BRVC09, FX04, HE98, Rep08, Rui93, Sch71]. **Estimate** [CGK90, Buf02, CGK92b, HE98, LSL89, Osw94]. **Estimates** [BP91, BX91, Cai93b, Gu97, Osw91b, OL99, BPWX91a, BPWX91b, FX04, KK97, Kur93, Osw89b, Rep08]. **Euclidean** [LC08]. **Euler** [CPS99, DDK06, DLN02, DN06, Gil01, Leu98b, Tiw00]. **EUROPE** [LCHS96].
European [DRV00, MMO90, JMM+94, Lip94].
Evaluation [HXA96, MPS86, Luc88, MKP+96].
Evolution [HE95, AIV95, HK97].
evolutionary [Bog08]. **Exact** [BDG+97, LL00, HXG01, Lag99a].
examinations [Lit97]. **exclusion** [BC96].
Exemplar [FGRS97]. **exercise** [PP04].
exhibition [LCHS96]. **expanded** [LH09].
expansions [Nat95, Nat97]. **Experiences** [GS92a, GS92b]. **Experiments** [Fra90, FGM90, Meu91b, PR95, BIM05, DY96, HTJ88]. **Explicit** [DD92, DD94, Lae93b, LG95a, SL06, ZS02, Bla92, CPS99, DG07, KKP07, LSS09a, LJ06b, TD07, TL88, ZYD09, ZYD10].
Explicit-Implicit [SL06, ZS02, Lae93b, LG95a, LSS09a, ZYD09]. **Explicit/Implicit** [DD94, DD92, Bla92, ZYD10]. **exponential** [BDOP07, OD09]. **Extension**

[NW91, Wid87, Haa97a, Osw99]. **extensions** [LKY07]. **Exterior** [DY02, Alb95, Cot91, FMT99, FML00, GM98, HK96, JY01, Yu99a, ZD04]. **external** [GHS93, Tid92, TV01]. **externes** [Tid92]. **extrapolation** [HL09, LSL97, Rüd97, RZ98]. **extrusion** [EE97a].

F.E.M. [SS98]. **FAC** [McC84, MT86a]. **Factorization** [Ben95, DNR09, Il′92, MvdV01]. **factorizations** [Il′91, mM04]. **Factorized** [KYxx, Mil00]. **factors** [Wan06]. **Family** [Mu95, DW93a]. **far** [CW99b]. **far-field** [CW99b]. **Fast** [BLB00, Bia93, CKL98, GHS99, HW95, HST95, Hie03, Kor02, KR08, KS05, LG87, LJ07a, LG95b, McC84, SHHG93, BBM00, CR85a, CWD08, GKR02, HG08, Kho96, KR07, MT86a, RJ07, Sco94, TD08, WK01]. **FastLSM** [RJ07]. **fat** [BIM05]. **fault** [FFN+02]. **faulting** [BIW04]. **FDTD** [KO08]. **FE** [HK96, HW09, KKYxx, KY89, Kuz91b]. **FE-BI** [HW09]. **FE-Problems** [Kuz91b]. **FE/BE** [HK96]. **Fedorenko** [GLS07a]. **Fekete** [PRPZ06]. **FEM** [BP08, Beu02, Beu05, Gas92, HST95, Kuh98, SST96]. **FEM-BEM** [HST95, Kuh98]. **ferromagnetism** [Jan07]. **ferromagnets** [KM03]. **FETI** [DFS98, DGS01, DHSV02, DH05, DHK06, DW03, DP05, FMT99, GS10, GAF09, KL05, Kim07, KW02, KRW05, Kla06, KR06, KPR08, KB08, KHD05, Li03, MS07, MD08, SK99, Ste05a, TK01, Tos04]. **FETI-DP** [DW03, DP05, KL05, Kim07, KW02, KPR08, MS07, MD08, Ste05a]. **FETI-H** [FMT99]. **FETI-preconditioned** [GAF09]. **FHP** [BMS94a]. **Fictitious** [DGKL02, Kuz86a, MKM86, Ast78, BK87, BGG+97, GPP94, JG03, Kuz02]. **field** [Ald09, CW99b, HK96, Hop03, RL04]. **fields** [Ber03, Ber04, Hei95, MGMC05, MMC06]. **Fifth** [CKM+92, GPS89, Hen90]. **fiktivnykh** [BK86]. **filtering** [MSW98]. **filtration** [AK04]. **fin** [MR04]. **find** [AL97, Mej94]. **fine** [KM03]. **finis** [AT95, LS98, Tho91]. **Finite** [Ago88, Ain96b, BGP89, BJNN02, BB06, BKK01, Bog99, BW90, CPR+03, CHH02, Cia78, CW91, CMW93, Cow93, DD91, DD94, DPW86, Dry88, Dry89, DW91, DW92a, DW93b, EW91, FR92, Fen83, Fen00, Geo73, GP85, GW88, GKW90, HK02a, Hvi90, JN01b, JN02, Joh87, LL88, LCO04, LK98, LM06, LM07, Man89a, Man92a, Man92c, Mar01, Mat89, MB94, MOP+93, NK01, OR82, OPF97, Osw91b, Osw92a, PB96, Pav91, PW93, Pav93a, Pav93b, RT75, SFNW05, Sar93, Smi92b, SF73, SB91, WAW88, Wid87, Wid88a, Wid89a, Wid89d, Yse85, Yse86b, Yse86c, AL95, AL96, AEZ00, Ago95, AT95, Ain96a, AGLK08, Ald09, BCMP91, BJ01, BWA92, BHHA73, Bes87, BDR02, BCDM88, BC07b, Bra66, Bre88, CHH04, Cha05, Cha06, CSX05, CH94b, Cic96, CMW95, DS95a, DDD91]. **finite** [DW94a, DM09, DDS89a, DDS89b, DRGM04, DW93a, DPRW93, Dry84, EG09, EHI+00, ELLL99, FFN+02, Fen98, FX04, jFZ06, Fuj98, GGM02, GLS07a, GY09, GEVO08, GG94, GAF09, GW87a, Gra02, GLC89a, GH97, HL09, Hei03, HDY05, HJ97b, Hua90, Hua95, Hua96, HM00, Jia06, JN03, Kop89, KJ99, KNGK04, Kuz05, Kwa03, LW05, LP06, LR95, LVM88, LS98, LLL+06, LJ06a, LJ07b, LY08, LL89, LSS+09b, LH09, LJ06b, LMM00, LL09, Man90a, Man90b, Man90c, ML91, Mar07, MD08, MQ88, MQ89, Mas87, MS05b, MY07, MSW98, Mis94, NZZ94, NC88, Osw89b, Osw90a, Osw91d, OSCH00, PV08, Pav92, PY03, PGW09, PS00, QLV91, Rac95, RXH05, RHGT10, RSN07, RW92, SFNW02, SHJ89b, ST96, SK99, Str72, SB89, ST00b, Tem88, TL88, The98, Tho91, TY07, Tro96b, TS01]. **finite** [TS03, Tu07, Wai88, WZC10, WR09, WME+95, Whi00b, Wid96, Wid97, XZ99,

Yan00, Ye98a, Ye98b, Yse90, Zha92b, ZL96, Zhu95, dCD00, Ano96b, Sam98]. **finite-difference** [MSW98, NZZ94, OSCH00, Sam98]. **Finite-Element** [Ain96b, Yse85, MB94, AT95, BC07b, JN03, LS98, LJ06b]. **Finite-element/Newton** [MB94]. **finite-volume** [LL09]. **First** [DW94b, GP79, GGMP88b, Hem95, JMM+94, Bra66, KGE89, Lay92, MST96, NPH09, Pav99, GGMP88b, Pas88b]. **First-Order** [Hem95, KGE89, NPH09, Pav99]. **Fits** [LS09]. **Fitted** [TMS87]. **fixed** [Bad06]. **fixed-point** [Bad06]. **fiziki** [AS89, AS90, Il′93, SV99a]. **Flatland** [BM10]. **flaws** [Koj91]. **flexible** [Leu98a]. **Flow** [FL00, GH98, JKKM01, AL93, AJR+00, AMS09, BWA92, BFK+98, BGG+97, Bru91, CPS99, CTD05, DDK06, Dev90, DL01, DPLPY93, EE97b, Ewi89b, Ewi91, GEVO08, HW95, HG08, HXG01, HE98, HMZ94, JL08, KFK97, Krz05, LL08, Mur98, NV04, OSCH00, PAF+97, PS93, RHGT10, Røn92, SP03, SS93, TV01, Tu07, WPT08, Wu92, Yot01]. **flow-structure-thermal** [AMS09]. **flows** [AKCHW01, CKY02, CES00, CW99b, DGKL02, DM09, DGPT88, DL10, GHS93, KFK97, KLM02, Kop89, KW01, LL95, Man06, MPS05, NP01, Phi90, Tid92]. **Fluid** [BCT99, Cha88, Fen00, FL00, Lum01, AK04, BC07a, BQQ09, Bat01, BS08, Bre85, Cha89, Cor94, CDL04, DDM07, DGPT88, DL10, Ewi89b, Ewi91, FX04, FGGV08, GDP83, GP85, GP86, GP87, Gus85, HMW06, HC98, HC02, JG03, Kha08, KW08, LL95, Man03, MNW08, NRdS95, PGJB03, QL89, Rah01, RHGT10, Røn92, Sat01, TR93, TM97, TL88, WST09, XG95, DDN95, Mor90]. **fluid-poroelastic** [BQQ09]. **Fluid-Solid** [Fen00, FX04, Man03]. **fluid-structure** [BC07a, FGGV08, KW08, MNW08]. **fluids** [AHP97, BK06, DMPG83, KW08, MOP+93, SHJ89a]. **flux** [GY09, HSS07]. **focusing** [Tah92]. **Fokker** [yGjW09]. **force** [SD07]. **forecast** [GZW+00]. **form** [Bog06a, Bog06b]. **formations** [ADP02]. **formed** [IU98]. **forms** [Rep08, Sch74]. **Formulation** [BGT88, BGTV89, Sme89, AD96, Bet07, CPS99, HW09, KKP07, KMZ90, KL05, LCO04, LL09, Nat97, PGW09, RL04, Tro96a]. **formulations** [GKS98, HK96, LKY07, Mat93a, Mat93b, TL88, Tid95]. **Fortran** [DDF10]. **four** [OD09, SB89]. **four-color** [SB89]. **Fourier** [ARIV97, BIA05, Cao92, qSnH09, VIA94, Zha87]. **Fourteenth** [DDN95, HK+02b]. **Fourth** [GKM+91, Hei93a, CES91, Gra02, MD08, Tor94, KNS99]. **Fourth-Order** [Hei93a, CES91, Gra02]. **Fowler** [OD09]. **Fractional** [DS02]. **fracture** [LL93b]. **fractured** [DPLPY93]. **frame** [CK08, HB10]. **frame-indifferent** [HB10]. **frames** [CK08]. **framework** [Fal03, IK95, KKNR05]. **France** [GGMP88b]. **Francisco** [BBG+95, IEE94b]. **free** [Bru91, DM09, Dos95, GEVO08, HY10, Jia06, MPS05, PWSB91, Pas91, VPDH08, WB91, XO94a]. **French** [AT95, AD96, Ago98, BM90, BGT88, CCCP91, De 91, Des90, Des91, GGM00, LS98, Lio78, LP98a, LP98b, Neč67, Poi96, Sob36, Tho91, d'H92, Tid92]. **Frequency** [Hac91a, AV99, CJSS08, FMT99, FML00, Kim98a]. **friction** [BIW04, DV96, Kok08b, KHD05, OBG10]. **Frictional** [Kra09]. **frictionless** [DP09, Kok09]. **fuel** [SXyWX09]. **full** [CPS99, LJ07a, TT99b]. **full-wave** [LJ07a]. **Fully** [HF88, YCC10, KW08, N'K91]. **Function** [BLB00, MR92, MR94b, ARS95, BA04, HSS07, LL09, Osw90a, PHR07, RSSV90, Tai94, TS03, Vas92, Wen06]. **Functional** [RM88, Rep08]. **Functions** [BGP89, Il'69, AE07, BP08, Boy05, BFF96, Dua06, GCMGRG09, IK95, LK04, MN88,

Nie09, Osw89b, Pas91, TGSS10, WL06, Yu95, ZHL03]. **further** [MT05]. **fusion** [CK08]. **Future** [BV92]. **Fuzzy** [RM88].

Galerkin [BBM92a, BPO95, BBM92b, DD92, DGS07, Dua06, GRW05, Krz05, LT03, LB94, MSY09, MS10, Sch74, Sch71, SM10, Tha95, VPDH08]. **GAMM** [AMM96]. **Gas** [BMS94b, BMS94a, CDL04, DDK06, Dub01]. **gas-liquid** [DDK06]. **Gauss** [BH00b, TD07]. **Gebietszerlegung** [HLM93, PS93]. **Gebietszerlegungsmethoden** [Ste96]. **gemischte** [Ste96]. **General** [CH88, Ste01, Wid88c, CS96, HDY05, MSY09, MSW98, NC88, SSZ98, WME+95, BHHA73]. **Generalization** [SIR08]. **Generalizations** [GH03]. **Generalized** [AL90a, BGOD05, Ulb07, CJSS08, CZ91, CH97, CGO76, DW03, EB99, Gol03, yGjW09, He96, MvdV01, OD09, QV90, SS86, Wen04, Xu96]. **Generation** [CP05, JG02, BFH+95, Glo95, IAK06, Lit97]. **genetic** [PC97]. **Gent** [DRV00]. **geological** [FFN+02]. **geomechanics** [HND06]. **Geometric** [SM07, LC08]. **geometrical** [HC02]. **geometrically** [CH09]. **geometries** [KT96, KS05]. **Geometry** [CHL91, Hol03, Kha08]. **German** [Bab57, Mor56, PS93, Ste96]. **Germany** [AFL96, HWP95, PSB+94]. **Gesammelte** [Sch90]. **GeSEM** [CJSS08]. **Gibbs** [HKL06]. **Give** [Yse86a]. **Global** [SS98]. **Globally** [Sch96, ZS01]. **Glowinski** [CH94a]. **GMRES** [Dek01, JC09, SS86, SHJ89b, XC92]. **Governed** [Ben96]. **Gradient** [DG00, GLC89b, Hes56, Man90d, Mey90, SW93, Yse86a, CGPT05, CH93, CGO76, Ewi89b, jFZ06, GAF09, KNGK04, MJC99, Meu88b, PP88]. **gradients** [DM89]. **granichnykh** [EZK84]. **graph** [AL97]. **graphs** [ST96]. **Green** [BA04, Yu95]. **Grid** [BGT97, Ewi89a, GVT03, Hac91a, KPW96, Shi99, Boy05, BEPS88, CMX09, CS95, Cot91, DW94a, DNS00a, EA96, FC94, ILW07, Jun97, Kup99, Lae98, Lae96, McC84, MT86a, MC05b, NV04, NZ99, SLLZ94, Shi93, WA03]. **Grids** [Bel04, Dag93, ELPV93, Hu05, SFNW05, BDG+97, Buf02, CHH02, CSZ96, CGZ99, DRSW04, EHI+00, ELV88, EL94, HK98a, HJ97b, IAK06, KL05, Kuz98, Kuz05, LS95, Mas87, MS05b, Mis94, Pin92, PS00, SFNW02, Ste05b, Tai05, TR93, Tal93, Vab91, WPT08]. **Gröbner** [GTZ88]. **Gropp** [Xu97]. **Groundwater** [JKKM01, BWA92]. **group** [SHJ89b, TD07]. **groups** [Zha87]. **growth** [AR04]. **GSM** [BP08]. **GSVD** [Bet07]. **Guide** [Ban90].

h [ST98, FMT99]. **hōteishiki** [Ano98a, Ano00]. **half** [Cor90]. **Hamburg** [PSB+94]. **Hamilton** [FLS94]. **hand** [FC94]. **Hardy** [Sob98]. **Harmonic** [RGG06, AV99, BA04, CDS02, CDS04, Des91, HL96, Kho96]. **harmonique** [Des91]. **harmonization** [SJMP10]. **hatten** [Ano98a]. **Heat** [SL06, CH06, DDD91, LLL+06, LM06, MY07, WZC10]. **held** [AFL96, DRV00, PB96]. **helically** [LP07]. **Hellenic** [Lip94]. **Helmholtz** [BIA05, CW99a, CF99, Des90, EG94, FMT99, FML00, FDS99, GZ02, GM09, JY01, JC09, Kim94, Kim98b, KT83, KT87, Lar99, LK98, MRS04, Stu10, Tru85, TT01]. **Hembibum** [Ano00]. **Hermite** [Bia93, MR99]. **Heterogeneous** [AKCHW01, GK97, USDM06, ADP02, CTD05, EE97b, GTN03, GLP+06, HE98, KNP03, LBB10, MGC09, NP05]. **hiding** [MJC99]. **hierarchic** [Osw89b]. **Hierarchical** [BDY88, Bor05, BIA05, Haa97a, Man90a, Ong89, Osw92a, Ova07, SW90, Yse85, Yse86a, Ain96a, BB91, BFF96, GL88, Hac03, HKK05, HE98, IBA02, KI96, KJ99, Kor01, Osw89a, Osw92b]. **High** [ACM01, ABBB94, GHF01, IEE94a, IEE94b,

LCHS96, QFR03, SRB01, AH02, AAII96, BP04, CJSS08, CQ90, FMT99, FML00, GHF00, KKYxx, KY89, MDTC08, ML91, WR09, SSH08]. **High-order** [SRB01, AAII96, GHF00, MDTC08]. **High-Performance** [ABBB94, IEE94a, LCHS96, SSH08]. **higher** [IK95, Tah92, Zho97a]. **Highly** [AIIV97, KR10, BFK+98, DTH09, GVT03, ILW07, LMR94, WAW88]. **Hill** [Des91]. **Hisenkei** [Ano98a]. **HJB** [Fen07]. **HLRZ** [HWP95]. **holes** [MW04]. **homotopic** [CSX05]. **hp** [TV04, FGRS97]. **hp-approximations** [TV04]. **HP-Convex** [FGRS97]. **HPCN** [LCHS96]. **HPF** [GLPE97]. **Human** [PB96, NHD+03]. **Hut** [GKS98]. **Hybrid** [DW10, FL00, Man93, AR03, Ago95, AT95, Ald09, Bla07, BFK+98, BM93b, CDL04, DP08, DL01, ETY98, HDY05, LL89, pLL90, TKH09, Tu07, LS98]. **hybrid-Trefftz** [HDY05]. **hybrides** [AT95, LS98]. **hydrodynamic** [RSN07]. **hydrodynamics** [Ago86]. **Hyperbolic** [BGS08, FW01, AD96, BPO95, Gas92, GHF00, HL09, Jun10, Kat94, Lag99a]. **hyperboliques** [AD96]. **hypercomputing** [CC97]. **Hypercube** [MR88, Roe93]. **Hypersingular** [ST98, SMT08]. **Hypertasking** [Bab90]. **hypre** [KALO07].

IBM [HXA96]. **ICCS** [STDH02a, STDH02b, STDH02c]. **ICCSA** [KGTL03]. **ICIAM** [AMM96, BH00a]. **ICIAM/GAMM** [AMM96]. **ideals** [GTZ88]. **ideas** [HJ97a]. **Identification** [Koj91, SD07]. **IFIP** [PSB+94]. **Igniting** [ACM03]. **II** [AL96, AE98a, AvdH92, Ano91, Ano93, AP88, AP96, BFG+03, BS84a, BL91, BPS87, Bre89, FW01, HLM91b, Hac91a, HT91, Hes97, IKM+99, JMM+94, KKYxx, Lio89, Lü92a, Mat93b, MIL02, MOP+93, Nat97, STDH02b]. **III** [BPS88, CGCH93, Ego00, HK02a, Hes98, Lio90, Lü92b, STDH02c]. **ikh** [Kho88a, Kho88b]. **ILU** [CGK93]. **Image** [LYK07, BZ96, HG08, SJMP10, XTW10]. **images** [BBM00]. **Imbalance** [MR88]. **Imbalanced** [LYK07]. **Imbedding** [BW90]. **immiscible** [DPLPY93]. **Impact** [HF88]. **implementable** [DHK06]. **Implementation** [BP08, BDV96, BS93b, BMS94b, Cia94, FGRS97, GY09, Geo96, LP94b, Smi93, Suz97, Van93, AIV95, ARIV97, BS92b, Geo99, Gol03, GK88, HW96, HB04, KG87, KR06, MT05, MNW08, MS90, PV08, Per92, YH03]. **Implementational** [NZ99]. **implementations** [LKY07, MKP+96]. **Implicit** [DD94, GHF00, Mas87, SL06, YCC10, ZS02, Bla92, CGKT94, DD92, FHM05, IVA93b, KL88, Lae93b, LG95a, LSS09a, MP09, N'K91, Nie09, Rüd97, TL88, ZYD09, ZYD10]. **implicit-explicit** [TL88]. **Improve** [YSF03]. **Improved** [SST05, Stu10, TV01, Yan10]. **impulsively** [Wu92]. **inaccurately** [BVW97]. **Including** [BP91]. **incompatible** [MGC09]. **Incomplete** [Il′92, Il′91, KKYxx, MvdV01, mM04]. **incompressible** [BVW97, DMPG83, DGPT88, DW10, Hua90, Hua93, JG03, KLM02, KW08, LL95, LW06, LCO04, Lou95, LR00, Lui99, OSCH00, PW02, Phi90, RHGT10, Røn92, SS93]. **Indefinite** [BP87, BLP91, CW92, ST98, Xu92b, Yse86c, CW93, FL05, Heu99, LT09, Sch74, SXC02, ST00a, SMT08, XC92]. **independent** [VTBK97]. **index** [Hos07]. **indifferent** [HB10]. **Indirect** [DHY03, HYD03]. **Induced** [Kla98]. **Industrial** [BKK01, BMPV08, KPW96, Lio00, SAD+00]. **industry** [mM04, MMO90]. **Inequalities** [HLP34, Bad03, BDS08, DNS00b, DHSV02, DH05, KFK97, Lio99, LLS89, LLS91, Tai03]. **Inequality** [Bel44, Sob98, Zho97c, ZW05]. **Inexact** [KW00a, Mey90, ZC95b, vdES04,

Bör89a, Bör89b, BPV98, CKY02, HLM92]. **Inexpensive** [MPS86]. **infinite** [GP01, yGjW09, YD04, hY98]. **infinity** [BA04]. **influence** [Ste05a]. **informatics** [Lip94]. **Information** [PSB+94]. **ingénieur** [CCCP91]. **inhomogeneous** [CJSS08]. **initial** [LOM98]. **initial-boundary** [LOM98]. **Inner** [Beu02, Rod85]. **Inner/outer** [Rod85]. **Innovation** [ACM03]. **Innovative** [PB96]. **inspired** [Grü01]. **Institute** [Lop94]. **Integral** [Ano89a, ST98, BPMB00, GL88, Heu99, HSW00, Hsi00, LG87, MST96, RZ98, Ste96, ST00a, SMT08, Yu95, hY98, Yu99a]. **integral-based** [LG87]. **integralnykh** [EZK84]. **integrated** [MDTC08]. **integration** [GHS99, HB10, Nov99]. **Integrations** [Hu05]. **integrators** [GMH08, MGC09]. **Intel** [Bab90]. **Interaction** [Fen00, AMS09, BQQ09, FX04, FGGV08, KB08]. **interactions** [KW08, MNW08]. **interconnecting** [LP06, LJ06a, OSW06, Poh06]. **interdomain** [Dor91, SAM10]. **interest** [VPDH08]. **Interface** [CH88, CK89, CH91, CM92, Osw99, QSV06, SFNW05, Yot01, Bla00, CES91, CP05, DG07, DDM07, FQZ88, JN01a, KMN93, Krä05, Lui09, NMB10, RMSS03, SFNW02, Sas03]. **interface-acting** [Krä05]. **Interface-Strip** [QSV06]. **interfaces** [PHR07, VMP10, WVE97]. **Interior** [BZ06, LTV01, AAH06, Mil93]. **Internal** [BW89c, BW89b]. **International** [AFL96, BGPW89, CGPW90, CKM+92, DW94b, GGMP88b, GLT89, GKM+91, GPS89, GT94, HK+02b, IEE94b, KX95, KX94, MIL02, Ned95, QPKW94, Tra00, CLM89, LCHS96, Ano93, Ano96b, Ano96a, DDN95, LBCW99, Mor90, Sam98]. **interpolants** [HKL06]. **interpolating** [Osw89a]. **Interpolation** [BLB00, Cai95, Tai05, WA03, Wen04]. **Interprétation** [Lio78, Lio78]. **interval** [Sch94]. **intracellular** [NRWF08a, NRWF08b]. **intricate** [Kha08]. **Introduction** [OR82]. **inundation** [RSN07]. **invariant** [PS07]. **inverse** [For07, Gra02, Grü01, Kho96, KYxx]. **inverses** [Gus03]. **Investigation** [BA89, Tah92]. **inviscid** [DGPT88, LCP97, QLV91, Xu96]. **Invited** [BCT99]. **IPIC** [JM06c]. **iPSC** [Van93]. **iPSC/860** [Van93]. **Irregular** [CR87, GLPE97, GM84, Cha93, LG87]. **irregularly** [FRSY96]. **ISNA** [Ano93]. **isotropic** [BN07]. **Issledovanie** [Kho88a]. **Italy** [QPKW94]. **Iterates** [Bog06c, Bog07]. **Iteration** [QL89, AP96, HC03, SC92, Wan01]. **iteration-by-subdomain** [HC03]. **Iterations** [HS96, Abr08, Adž98, BPS04, FFS98, Kim98b, Lou95, MGLS91, Nab03]. **Iterative** [AF89, AE98b, BW86, BH88, BMS90, Bog02b, BLP91, CGK93, CGK94, Cha93, lCS06, Den97, Den03, Dis05, Don91, DW89a, DSW93, EES83, ELPV93, FGN91, KLM02, KT83, Kuz86b, LBB10, MM89b, MM89a, Man90b, Man92a, Man92c, Man03, Mat89, NN87, NC88, PW93, PW00, SV96a, Sch96, Shi93, Smi92a, Smi93, TY98, Vab90, Var62, Wid84, Wid88a, Wid88c, Wid88b, Wid89a, Wid89c, Wid89d, Xu92a, Xu92b, Zam89, ZL96, van09, AE98a, AEZ00, BC07a, BMS91, Bog04, BP06, Bou02, BPS86b, BPWX91b, Bru95, Cha97, DPLPY93, DPRW93, DH98, DL10, Ego00, Eva94, FML00, FL05, FQZ88, GOD+07, GK09, Gu97, Hua97, Kim98a, Kis90, LPL00, LP95, LR00, MT05, MQ88, MR99, Mat93a, Mat93b, Mil00, MGMC05, Prá93, RL02, Rhe09, Rod85, Sme89, Ste95, Wan06]. **iterative** [Whi87, Woh01, Yan96, Zha92b, ZH92, ZS01]. **iteratsionnye** [KS88]. **IUTAM** [Gee98]. **IV** [BPS89, Lü92c]. **IX** [CS98, REB+92].

J [Mur97, TV01]. **Jacobi** [FLS94, GSv03].

January [GGMP88b]. **Japan** [KNS99, SM98]. **Japan-China** [KNS99]. **Java** [GRN99]. **Java-based** [GRN99]. **Join** [RM88]. **Joint** [BO07, GT94, KNS99]. **joints** [NHD+03]. **Journal** [Ano90]. **Julich** [HWP95]. **July** [IEE96]. **jump** [Zhu08]. **jumps** [MB96, Nep92]. **June** [CLM89, DW94b, QPKW94].

Kaczmarz [KK97]. **kaihō** [Ano00]. **KdV** [Tah92]. **keisan** [Ano98b]. **kenkyū** [Ano98b]. **kernels** [CDG95, CDG96]. **KFA** [HWP95]. **kind** [MST96]. **Kinetic** [Kla98, Cor90, CDL04, DDM07, DP08, TKH09]. **kinetic-fluid** [DDM07]. **kinetic/fluid** [CDL04]. **kinetics** [Eng09]. **Knoxville** [IEE94a]. **koeffitsientami** [Nep90]. **komponent** [BK86]. **konechnykh** [Lae93c, Zav82]. **Kraevye** [Kho88a, Kho88b]. **Krylov** [Key95, Tid01, GR03, vdES04, van09]. **kuba** [EZK84].

L [CR88, lCS06]. **L-shape** [lCS06]. **L-shaped** [CR88]. **lagging** [DG07]. **Lagrange** [BK06, CH09, DDK06, HK01, HSY04, JG03, KW99, KW00a, Kok07, Kuz02, LW05, LLPJ08, Man03, RHGT10, SHS09, Swa93, VMP10]. **Lagrangian** [LS95, pLhH93]. **Lagrangians** [DH05]. **Laguerre** [yGjW09]. **L'Algorithme** [Sob36]. **Languages** [Fos96]. **Laplace** [BW89c, BW89b]. **Laplacian** [LCG+10, Pap89]. **Laplasa** [EZK84]. **Large** [BKK01, ERMD08, FR92, GL81, HE95, HF88, KK99, Kus97, QL94, ADC09, EB99, Ewi89b, Ewi91, GAF09, KGE89, LJ06a, LJ07a, LJ07b, MB96, SAD+00, TRV91, Wen04, van09]. **Large-Scale** [FR92, HF88, ERMD08, ADC09, Ewi89b, Ewi91, GAF09, LJ06a, LJ07a, LJ07b]. **laser** [ARZ00]. **laser-tissue** [ARZ00]. **latency** [MJC99]. **Lattice** [BMS94b, BMS94a, PS93, RJ07]. **lattices** [XGB10]. **Law** [TW07]. **Laws** [Qua90, BPO95, HSS07]. **layer** [Adž94, Adž95, Adž98, DRGM04, PP04, TV04, TT01]. **Layers** [Gar94, Bog00, BD01, BD03b, HS94a, Mil93, Rah01, TH01]. **layout** [Roz92]. **Learning** [KDBG95]. **least** [GP85, Nie09, Pav99, Ye98a, Ye98b]. **least-square** [Ye98a]. **least-squares** [Ye98b]. **Lectures** [KL07]. **Legendre** [Adž95, yGjW09, HKL06]. **Less** [DKW08]. **Level** [CGL01, MM89b, MM89a, MCL02, Sar93, Yse86b, Yse86c, Bre95, Cai93a, CGM01, FML00, GVT03, GKW90, KT05, Kuz90c, LJ06b, Man90c, MC05a, PP88, SSZ98, Sal04, VTBK97, XTW10, Yse90, ZH91]. **levels** [GHP10]. **Libraries** [IEE95]. **Library** [CAL96, CC95]. **Lie** [Zha87]. **life** [KPW95]. **like** [BGOD05]. **limited** [MSM98]. **limites** [LP98a]. **limits** [BDOP07, LP98a]. **line** [LP95]. **Linear** [CDG95, CDG96, CAL96, DV97, EES83, FGN91, GH03, HN06, Hes56, KK99, KW00a, Smi90, Smi92b, AR04, AIV95, BP07, CDS04, Cor90, For07, FHW04, Gas92, GMH08, GM98, GGL04, Gol03, GLC89a, HK96, KW99, KR06, Kok07, KW00b, LS05, LT09, MMRT02, MG91, MGMC05, NPH09, Pop02, SS86, SSZ98, SV96a, Su94, Tai94, ZZYY08, vdES04, van09]. **Linear-Quadratic** [HN06]. **linearized** [HXG01, Tou01]. **linearly** [TRV91]. **lineinoi** [Voe83]. **lines** [XO94b, XO94a]. **link** [Leu98a]. **Lions** [CHH04, GH03, Lui09, SIR08]. **liquid** [DDK06]. **Load** [DMP98, HKD96, MR88, YHBM96, DRSW04]. **load-balanced** [DRSW04]. **Local** [CGM01, DT91, DV01, ELV88, Ewi89a, GK92, Hac84, KG89, Pav93a, Yu01, AN95, BEPS88, CK08, DMP98, GP01, Kuh98, Mie88, Mis94, Roe89, SLLZ94, WVE97, XZ99, Zho97a]. **local-** [DMP98]. **locality** [RP89]. **Locally** [ELPV93, NW91, Wid89a, Ain96a, BFF96, DRSW04, EL94, KALO07].

locally-adapted [DRSW04]. **Long** [HKD96, CP96, GH90, LL88, PS92]. **Long-Chained** [HKD96]. **Lossless** [RM88]. **Lösungsverfahren** [Ste96]. **low** [AV99, IBA02, SR08]. **low-frequency** [AV99]. **Lower** [BS00, BH03]. **LU** [GKB09, MvdV01]. **lubrication** [LKY07]. **Lugano** [GT94]. **Lyngby** [DW94b].

machines [KNG+93]. **Macro** [BM93b, Ald09, Bre95]. **macro-element** [Bre95]. **macro-hybrid** [Ald09]. **MAFELAP** [Whi00b]. **magnetic** [HK96]. **magneto** [AKCHW01]. **magneto-plasma** [AKCHW01]. **magnetostatics** [KMZ90, Kuz89a, Kuz89b, Kuz91a]. **magnitostatiki** [Kho88a, Kho88b]. **mainstream** [Key03]. **management** [CLM89, DMP98]. **Manifolds** [DS99]. **manual** [BHHA73]. **Many** [DW87, FC94, ZH92]. **Maple** [Lop94, LP94b]. **Mapping** [Dri99, LP94b, ÖD93, PdOG99, Pap89, PS90]. **Mappings** [Ben95]. **Maps** [LG95b, PS95]. **Marching** [Mur97, Bla92, Roa95]. **Marcinkiewicz** [Zha87]. **Markov** [Kus97]. **Massively** [BS92a, Cia94, DPLPY93]. **Mat** [AL90a, AL90b]. **matched** [Rah01, TT01]. **matching** [BDG+97, CHH02, CHH04, CSZ96, Kuz98, LS95, LLL+06, PS00, RJ07, SFNW02, Ste05b, SHS09, VMP10, WPT08]. **Matemática** [CGCH93, Ano91]. **matematicheskoe** [Il′90, Kuz88a, Kuz92]. **matematicheskoi** [AS89, AS90, Il′93, SV99a]. **matematiki** [Kuz85, Mar89b]. **Mathematical** [Ano89b, Ano90, Ano96c, Bab58, OR82, Qua94, Ste01, AL95, AL96, Abr96, AE98a, AE98b, AEZ00, Ago89, Ago91, AK04, Bab57, Ego00, KR03, KMM91, Vab08, Wir02, Zha95, Ned95]. **mathematics** [AB95, AvdH92, BV92, BMPV08, Bre89, BK92, BBCM03, CCCP91, FDKN04, KNS99, KM01, Lip94, Lop94, MR95, NTT00, Whi00b, WDPW04, dCGQS06, BGPW89, JMM+94, KNS99, MMO90, MIL02, SM98]. **Mathématiques** [CCCP91]. **Mathematische** [Sch90]. **mathematischen** [Bab57]. **matrices** [Bor05, BPS04, CS96, LVM88, Tar94, Wai88]. **matritsami** [KS88]. **Matrix** [Dry81, GV89, Haa97b, Jia96, Prz63, Prz85, Var62, Dry82, Hac03, HKK05, KB08, Lae98, Lt93, LVM88, Mil00, N'K91, Nat97, Ova07, Ove88, QL88a, SAD+00, SHJ89a]. **Matrix-by-Vector** [Haa97b]. **Max** [KST98, KST01]. **maximum** [Hu99, Ove88]. **Maxwell** [AV99, HL96, HZ03, PS10, RGG06, SZB+07]. **May** [CLM89, IEE94a]. **means** [GHS93]. **measure** [AR04]. **mechanical** [TV99]. **Mechanics** [HF88, BFG+03, Bat01, DKKV95, GR06, HMW06, IOD98, KCC89, KL07, Lum01, MR95, PB96, Rhe09, TM97, Wir02]. **Media** [PS10, AK04, AJR+00, BQQ09, Bru91, CJSS08, CTD05, CES00, DL10, DKKV95, GLP+06, KFK97, Mur98, NV04, Tu07, Yot01]. **Medial** [LC08]. **Mehrgitteralgorithmus** [PS93]. **Memory** [YHBM96, BG91, BZ96, DMP98, GL88, KNG+93, Mie88, SSH08, WME+95]. **Mesh** [CA02, FM99, Geo73, GK92, JG02, KG89, LPL00, BFH+95, BPP07, GEVO08, LPP02, LM07, MN88, MN89]. **Mesh-Based** [CA02]. **Meshed** [Wil92b, Wil92a]. **Meshes** [Ain96b, Cai95, NW91, Wid89a, Ain96a, BC07b, CFS97, CPS99, CHH04, CZ94, CS94, CZ95, CZ96, CSZ96, CGZ97, DL01, Glo95, NC88, ST96, TV04, VMP10]. **Meshing** [BL04]. **Meshless** [Dua06, Bla07, PHR07]. **meshless/spectral** [Bla07]. **meshless/spectral-element** [Bla07]. **Message** [ABBB94]. **Message-Passing** [ABBB94]. **Metallic** [PS10]. **meteorological** [MSM98]. **Method** [Ast78, BGT97, BDY88, Bel04, Ben95, Ben96, BB06, BD03a, BW89a, BS93b,

Bog02b, BIA05, BZ06, CGK90, Cai93a, CPR+03, CGL01, CM91, Cia78, Cia94, CW91, DD91, Dri99, DPW86, DW87, Dry88, DW89a, DG00, DY02, FR92, Fen83, FM99, GL00, GH03, HLM90a, HLM91a, HLM91b, Hac91a, HE95, Hem95, Hes56, Hes98, HZ03, Joh87, KNY98a, KW00a, Kra09, Kuz89b, LS09, Lar99, LMO00, MRS04, Man89a, Man92c, Meu91b, Mey90, MPS86, Osw91b, OL99, PS10, Pav91, Pav93a, Pav93b, QL94, RT75, RVY93, SHHG93, SF73, TMS87, TW07, TY98, TK01, Van93, Wid89b, AQ04, Abd93, AK90, AL95, AL96, Abr96, AE98a, AE98b, Abr00, AEZ00, AN95, AK97, AHP97, AF85, AK88, AB88, AL90b, Ago95, AT95, Ago98, ALW99, AR04, ADP02, ADC09]. **method** [AFK02, BCMP91, BG91, Bad03, BIW04, Bad06, BJ01, BGOD02, BGOD05, BM93a, BHHA73, Ber03, BF03, BP04, Ber04, BIM05, Bes87, Bet07, Bla92, Bla07, Bör89a, Bör89b, BM10, BS08, BD96, BB02, BDS08, BCDM88, BBTD05, BPS86b, BFF96, BDM89, BLP03, BGG+97, Buf02, Bul88, CGK92b, CKY02, CJSS08, CFLS94, CTU98, Cha97, Cha05, Cha06, Che88, CS89, Che95, Che05, CH09, lCS06, Chi81, CH93, CH94b, CM00, CGO76, DS95a, DS96, DG07, Dav01, DDM07, DM09, DHY03, DQ03, DLPW02, DL01, DN06, DNR09, DHK06, DY96, Dry82, Dry84, DH97b, DW03, DP05, Dua06, DTH09, Ego00, EG09, EE97b, ETV94, Fal03, FMT99, FLP00, FML00, FL05, Fen98, FX04, FDS99, jFZ06, FFS98, GLS07a, GOD+07, GG03, GY09, GEVO08, Gas92, GK09, GSv03, Geo96]. **method** [GAF09, GGL04, GRW05, GPP94, GZ02, GJS10, GCMGRG09, GKS98, GOS05, GH94c, GH95, GHS93, GHL00, yGjW09, HLM90b, HL91, Hac84, HKK05, HS94a, He96, HK97, HK98a, Hei03, HSS07, Hes97, Hos07, HC98, HC02, HC03, HMZ94, Hu99, HW09, Hua95, Hua96, IBA02, IK95, JL08, JY01, Jia06, JT06, JM06a, JM06b, JM06d, Jun09, JM09, Jun10, KN02, KO08, KR03, KL95, Kat94, Kha08, KMZ90, Kis90, KW99, KM03, Koj91, Kok08b, Kok09, KM91b, KPP09, KJ99, Kor01, KL90, KW01, Krä05, KB08, Krz05, KHD05, Kur93, KL88, Kuz89a, KKS90, KO90, Kuz91a, Kva88, Kwa03, Lae93a, Lae93b, Lai92, Lt93, LW98, LRH97, LV90, LLPJ08, LP07, LVM88, Lee00, LXZ03, Lee06, LPP02, LL93b, Li03, LS05, LJ06a, LY08, LL08, LT09, LY09, LL89, pLL90, pLhH93]. **method** [LSL97, Lio78, Lio88, Lio89, Lio90, LK98, LW07, LH09, Liu09, LJ06b, LSL89, LOM98, LMM00, Lui03, Lui09, LY98, LL09, LB94, MC97, MR04, MW04, Man90a, Man90b, Mar07, MD08, Mar05, MN85, MN89, MT86a, MJC99, MG91, MB94, Mej94, Meu88b, Meu91a, Mil00, MGMC05, MMC06, MS90, MLB97, MLB99, Mró89, MS02, MP08, Mur98, N'K91, NPH09, NR94, NHD+03, Nep84, Nep92, OBG10, Osw92b, Ovt93, PS88, PS90, PS92, Par95, Par04, Pav92, PRL10, PC97, PR90, Poh06, Poi96, Prá93, QX06, QL88b, QL88a, QLV91, Rac95, RV04, RV05, RVY97, RSN07, Roe89, Roe93, Røn92, Rui93, Rui96, RY97, RTÈ06, SFNW02, SIR08, SZB+07, Sch71, Sch94, Sha90, Sha94, SC96, SXC02, SLLZ94, SK92, SK99, Ste05b, Str72, SS93, Stu10]. **method** [Su94, SB89, ST94, SHS09, SXyWX09, ST00b, TJDE97, TT99a, TR93, TD07, TD08, TKH09, Tor94, TV91, Tro96a, Tru85, Tse00, TMNF01, TS01, TP08, VTBK97, Vas90, Vas92, Vas86, VPDH08, WVE97, Wan01, Wan06, WGZ+10, WK01, Wu92, WL03, WS04, XO94b, XO94a, sX96, XC92, Xu96, XGB10, XTW10, pY93, Yan00, Ye98a, Yu94, Yu96, Yu97b, hY98, Zen96, ZY07, Zha95, ZH92, Zha93, Zho97b, zZZhS02, ZHL03, ZW05, ZZ02, ZD04, ZYD09, ZYD10, d'H93, dCD00]. **méthode** [AT95, Ago98, Lio78, Poi96, LS98]. **Methoden** [Lan92]. **méthodes** [Neč67, Des91, GGM00, d'H92]. **Methods** [Abr08, ABLS05, Ago88, Ano89a, BIP01, BLB00, Beu02, BH88, Bjø89, BW90, BY92,

BEPP90, BEPP92, CGK93, CGK94, Cai95, CF88, CAL96, CGPW89, CGPW90, CKM+92, CG92, Cow93, DQV07, Don91, DW91, Dry91, DW92a, DW93b, ES96a, EES83, EW91, Fen00, Gee98, GP79, GGMP88a, GW88, GGMP88b, GLT89, GKW90, GKM+91, GS92a, GS92b, GPS89, HM87, Hu05, JCL07, KX95, Kla98, Kus97, Kuz89e, Kuz91b, LCG+10, LB96, Mar01, MR88, Mat89, McC89a, Meu88a, Mur97, Ned95, Nep86, NO90, OPF97, Osw92a, PW93, Pav93a, Qua90, QPKW94, RGG06, SFNW05, Sar93, Sch96, Sko92, SBGP98, STJ04, Ste01, SW93, Tai02, Wid84, Wid88c, Wid88b, Wid89c, Wid92, Xu89, Xu92b, XZ98, Yse86a, Yu01, Zha91, Zha92d, Zha92e, ZS02, AH02, AF89, AGLV80, AJT+99, AE07, Ago86]. **methods** [Ago87, Ago89, Ago90a, Ago91, Alb95, ARS95, ARZ00, AG91, AKCHW01, AP88, AP96, BFH+95, BC07a, BBM92a, BM89, BK87, BPO95, BW86, BDV97, BDR02, BP07, BS84b, BD97, BB02, Bou90, Boy05, BPWX91b, BPP07, BK06, Bre85, Bre88, BBM92b, BM93b, BDG+97, Bru95, CGKT94, CFS97, CQ90, CZ91, CQ95, CDG95, CDG96, CGM01, CW99a, CHH02, CG89, Cha93, CZ94, CZ95, CS95, CZ96, CSZ96, CGZ97, CP96, CEL96, CE97, CGPT05, CSX05, lCS06, ČPZ00, CWD08, CW99b, CG94, Cot91, CF99, DW94a, DS92, Des91, DRV00, DGP84, DP08, DSV94, DMPG83, Dis05, Dos90, Dou91, DPRW93, DH98, DGS07, EE97a, EHI+00, Eva94, EB99, Ewi89b, ELLL99, FFN+02, FC94, Fen98, Fen07, FGGV08, For07, Fra90, FNS02, Fun88, FQZ88, GGM00, GGM02, GHMR07, Gan08]. **methods** [GNHR+03, GGQ96, GM98, GM91, GVT03, GDP83, GP85, GL86, GP86, GW87a, GP87, GL90, GPSW97, GLP+06, GR06, Gri94, GH94a, GH94b, Gu97, GH97, GM09, GHF00, GHF01, HT91, HN05, Hei93b, Hei95, HK+02b, HY10, HND06, HZ93, HS94b, Hol03, HK01, HIRW05, HSW00, Hsi00, HSW10, Hua97, IKM+99, Il′91, Il′92, IVA93a, JN01a, Jia96, JG03, JL91, Jun97, KPW95, KR90, KP90, Kar94, KX94, Kim98b, Kim07, KW02, KRW05, Kla06, KR06, KR10, KLM02, Kok07, Kok08a, Kon90, Kop89, KI96, KR07, Kor97, KK03, KL07, KNGK04, Kuh96, Kup99, KD92, KT83, Kuz86a, Kuz86b, KT87, Kuz88b, Kuz89c, Kuz89d, Kuz90b, Kuz90c, KN92, KNT94, Kuz05, LG95a, Lae98, LL04, Lai93, Lai94b, LW00, LLP01, LPSL02, LLP03, LL01, LMR94]. **methods** [Leb86, LG87, LP95, LS98, Li97, LZ00, LCO04, LK04, Lü92a, Lü92b, Lü92c, LMM00, Lui99, MST96, MKM86, Mar89a, MS05a, MQ88, MQ89, Mas87, Mat93a, Mat93b, McC84, McC89b, MS05b, Meu89, MGLS91, Mie88, Mil93, MGMC05, Mró97, Nab03, NRWF08a, NRdS95, NN97, NN87, Neč67, NK01, Nep07, NC88, NZ99, NS00, OSW06, OSCH00, OX99, PdOG99, PB94, PB96, PRPZ06, Pav99, Pav00, PW00, PT03, PY03, PR83, Pie04, PLL05, Pop02, PAJ10, PHW00, QX08, Qua87, Qua94, QV99, RL02, Roa95, Rod85, RKL89, Røn99, Roz92, Rüd97, RZ98, RSSV90, REB+92, RW92, SV96a, SV99b, Sbo91, Sch74, qSnH09, SP03, SX99, Shi93, SV96b, Ste94, Ste95, Ste96, SW97, Suz97, TX99, Tai03, TRV91, Tar94, Tem88, Tha95, Tv93]. **methods** [Tos04, TH01, Tsu96, Ulb07, Vab90, Vab08, VG05, WC03, Whi87, Wid96, Wid97, Woh01, Xu92a, XS94, XG95, YH03, Ye98b, Yu97a, Yu99a, Yu99b, Zam89, Zan87, Zha06, ZZYY08, ZC95b, ZG87, Zhu95, d'H92, vdES04, van09, Ano96a, BP08, DDN95, LBCW99, Mor90, Sam98]. **Metod** [Ago90b, Lae93c, Lap89, Nep90, Zav82, KO89, Lae92c]. **metode** [LL93a]. **Metody** [BK86, Kuz85, Mar89b, Il′89, Il′90, Il′93, Kho88a, Kho88b, KS88, Kuz90a, Kuz92, Voe83]. **Mexico** [IEE91, HK+02b]. **MGNet** [Dou92]. **MHD** [DRSW04]. **microelectronic** [ACM08].

micromagnetic [KM03]. **microscopic** [Koj91]. **mildly** [EB99]. **MIMD** [AIIV97, Dan91, Hei95, KNG+93, MB94, Pri95, WLH97]. **Min** [KST98, KST01]. **Min-Max-Boundary** [KST98, KST01]. **Mindlin** [BCLP10]. **minimalist** [MS07]. **minimization** [Car97, MD03]. **minimizing** [Ove88]. **minimum** [CP05, Gus03, SS86]. **mirror** [DDK06]. **miscible** [ADP02, Yan00]. **Mississippi** [GKL+09, IEE95]. **MITC** [BCLP10]. **mittels** [PS93, Rat00]. **Mixed** [BP87, CPR+03, CW91, CMW92, CMW93, Cow93, EW91, GW88, GKW90, JT06, Kuz05, Mat89, RT75, RW92, Ald09, BWA92, BM01, Bre88, CMX09, CEL96, CE97, CMW95, DDK06, DW94a, DW93a, DPRW93, DH98, Fen98, FX04, GGM02, GY09, GGL04, GW87a, LH09, Mat93a, Mat93b, Mró89, Nep84, Par04, PY03, Per92, Rui96, SS98, Ste96, Yan00, Yan02]. **Mixing** [BCDM88]. **MLD2P4** [DDF10]. **mnogomernykh** [Lae93c]. **Mnogosetochnyi** [KO89]. **Mobility** [PB96]. **mode** [Bou90]. **Model** [MM89a, Nor01, BLP03, CPS99, CMX09, CDL04, DDK06, EE97a, FFN+02, HDY05, Hie03, KLM02, KNP03, MSM98, SXyWX09, WME+95]. **modeled** [KB08]. **modèles** [Tid92]. **Modeling** [ABBB94, BFH+95, BW89c, MR94a, ACM08, BW89b, Dan91, LKY07, LSS+09b]. **modelirovanie** [Il′90, Kuz88a, Kuz92]. **Modellierung** [Rat00]. **Modelling** [BBTD05, KDBG95, BQQ09, BS93a, CG94, FFN+02, KMM91, KM03, RSN07, SS98, SP03, WB91, Ano90, Ned95]. **Models** [ARZ01, AL93, AK04, ARZ00, DGPT88, LP94a, LBB10, MSW98, PF05, Tid92, WW89]. **modern** [Sch88]. **modification** [Bul88]. **Modified** [BIA05, Cha06, LY09, Sha94]. **Modifitsirovannye** [KS88]. **Modular** [WST09]. **modules** [Gai95, PS88, PS92]. **Moduli** [GH90]. **Molecular** [ES96b, NPY+97, KNG+93]. **Molecules** [HKD96]. **moment** [Tiw00]. **monitors** [Luc88]. **mono** [BM10]. **mono-energetic** [BM10]. **monodomain** [MP09]. **Monotone** [Adž98, Bog04, Bog06a, Bog06c, Bog07, Bog06b, BP07, Bog08, HB04, Kor97, MP08, Zen96]. **monotonic** [DH05]. **Monte** [ABLS05, AGLK08, ARZ00, ARZ01, N'K91, NS00, WLH97]. **Morley** [Hua01, Mar07]. **Mortar** [GS10, LW05, Mar01, WPT08, AN95, AK97, AHP97, BF03, BP04, BDR02, DP03, DW03, DP05, ELLL99, FHW04, GY09, HB10, Hu04, JT06, Kim07, LKY07, Mar07, MD08, PY03, PGW09, RXH05, SXC02, SK99, TS03, Wid96, Wid97, GGM02]. **mortar-based** [LKY07]. **mortar-type** [SXC02]. **Mortaring** [HP05]. **Moscow** [AL90a, AL90b]. **MOSFETs** [AGLK08]. **motile** [IU98]. **motion** [JG03, PGJB03]. **motivated** [Scr91]. **Motor** [KDBG95]. **moving** [DDM07, HC98, WB91]. **MP** [Lai93]. **MP/432** [MS90]. **MPI** [IEE96, MKP+96, Str96]. **MR** [CZ95]. **MR1481883** [Tou01]. **Multi** [ADC09, De 91, GKW90, Hac91a, Kuz90c, MM89a, RZ98, SJMP10, VIA94, Yse86b, Yse86c, CPS99, DG07, DDS89a, DDS89b, GMH08, Jun97, KR90, KPR08, Lay92, Leu98a, PS93, SSZ98, SHJ89b, SP03, SLLZ94, Yse90, ZH91, Zho97a, ZYD09, d'H93]. **multi-color** [SLLZ94]. **multi-dimensional** [DG07, Lay92, ZYD09]. **Multi-domain** [VIA94, DDS89a, DDS89b, GMH08, SP03]. **multi-element** [KPR08, SHJ89b]. **Multi-Grid** [Hac91a, Jun97]. **multi-lattice** [PS93]. **Multi-Level** [MM89a, Yse86b, Yse86c, GKW90, Kuz90c, SSZ98, Yse90, ZH91]. **multi-link** [Leu98a]. **multi-model** [CPS99]. **Multi-parameter** [RZ98, Zho97a]. **Multi-Processeurs** [De 91]. **multi-processors** [KR90]. **Multi-scale** [ADC09, SJMP10]. **multi-structures** [d'H93]. **multiblock**

[Yot01]. **multibody** [DKV+10, IP98, KHD05]. **multicluster** [Fra90, FGM90]. **multicontact** [Ala07]. **Multidimensional** [AIIV00, Hes98, QL94, HK97, LY07, LSL97, RSVV08]. **Multidisciplinary** [DG00]. **Multidomain** [LP07, Tro96b, ARIV97, Gas93a, LV90, Zam92]. **Multifield** [HMW06]. **Multigrid** [BDY88, Beu02, CWW92, DRV00, FL00, HT91, HS94b, Kra09, Kuz89d, KO90, SXC02, Tai02, Vas86, Yse86a, ZH91, BWA92, BM10, BD96, BD97, BPWX91a, CS94, CGZ97, DL01, Dou92, FDS99, GZW+00, HL91, Hei93b, JT06, KK97, Kon90, Kor97, KK03, Kuz89c, Kwa03, Lou95, MC97, Mie88, Sbo91, SW91, SP08, SX99, SR92, Tai03, WC03, Yu97b, Hen90]. **Multigrid/Domain** [FL00]. **Multilayer** [Lar99, GG08]. **Multilevel** [BY92, BPX90, BP91, CGZ97, CGZ99, CSX05, DDF10, DW91, Goy99, HM87, IL05, Kuz88b, Kuz89e, McC89a, McC89b, Osw91b, SP08, SBGP98, TCK91, Xu89, Zha91, Zha92d, Zha92e, AE07, AP96, BBM00, CZ96, CE97, ETV94, Gri94, GOS05, JL91, LVM88, LSS+09b, Nep97, Osw91c, Osw91e, Osw92b, Osw99, Tai05, The98]. **multimodel** [TM97]. **multiphase** [CES00, WPT08, Yot01]. **multiphysics** [MPS05]. **Multiple** [EA96, Tut08, GHP10, GH94b, KPP09, SK09]. **Multiple-grid** [EA96]. **Multiplications** [Haa97b]. **Multiplicative** [Bjø89, CW93, Bad03, BPS04, FNS02, GO95, KKP07, Nab03]. **multiplier** [BK06, JG03, Kok07, LLPJ08, SHS09]. **multiplier-based** [Kok07]. **multiplier/fictitious** [JG03]. **Multipliers** [HSY04, Hu05, KW00a, CH09, HY10, HK01, Hu04, KW99, Kuz02, LW05, pLhH93, Man03, RHGT10, Swa93, VMP10]. **multipliers-free** [HY10]. **Multipole** [SHHG93, CWD08]. **multiprocessor** [Ala07, BG91, Ber89, BB91, SK09, WAW88, De 91]. **Multiprocessor-computer** [De 91]. **Multiprocessors** [AIIV97, HM87, GL88, IVA93a, Luc88]. **Multiscale** [AH02, Kra09, Ala07, DP08, Eng09, GY09, GLS07b, LL09, OBG10, SM07]. **Multisplitting** [Bru91, Cha97, EB99, Gu97]. **Multisplittings** [Whi87]. **multistructures** [d'H92]. **MuPAD** [HKM+97]. **Mutual** [BC96].

naleganiya [Lae92b]. **nano** [AGLK08]. **nano-MOSFETs** [AGLK08]. **Nash** [SAM10]. **National** [CD08]. **Nationale** [GGMP88b]. **Natural** [DY02, Fen83, Ast78, Bes87, DNS00a, DNS00b, DZ04, IP98, JY01, Liu09, Ste05b, Yu94, Yu95, hY98, Yu99a]. **naturally** [DPLPY93]. **Nauk** [AL90a, AL90b]. **Navier** [ARIV97, Seq95, AAH+00, AIIV97, AIIV98, AIIV00, BQQ09, BVW97, BK06, CFS97, CMX09, Cot91, DDS89a, DV97, DGP80, DMPG83, FHM05, Fuj98, GQS00, GRW05, GPP94, GL00, HG08, Hes97, Hes98, Hua90, Hua93, KT96, KFK97, LW98, LL97, Li03, LCO04, Lou95, LR00, LMM00, Lui99, Man06, Phi92, RV05, SRB01, SR92, TM94, Tid95, Tou01, VIA94]. **Navier-Stokes** [Seq95]. **nd** [HLM91b, RT75]. **nd-order** [HLM91b]. **nearly** [Fen98]. **Nédélec** [Hie03, Hie05]. **nekotorye** [Ago90b]. **nekotorykh** [Lae92b]. **nelineinoi** [Kho88a, Kho88b]. **nepolno** [Kho88a, Kho88b]. **nepolno-nelineinoi** [Kho88a, Kho88b]. **Nested** [Geo73, MB94, Pin92]. **network** [Dou92, Par95]. **networked** [BMS94a]. **Networking** [ACM01, LCHS96]. **Networks** [Leu99, Cha93, HWP95, Lag99a, Lag99b, Leu98b, ÖD93, TAA03]. **Netzwerken** [Rat00]. **Neumann** [DV96, PRPZ06, Tal93, BSS04, Bör89a, Bör89b, DP09, DV96, DW93b, Gol03, GW87b, HN05, HN06, JM06b, KM91a, KM92, PRPZ06, Poi96, SD04, Sha94, Tal93, TMV98, TV04]. **Neumann-Neumann** [DV96, Tal93].

Neumann-Neumann-Schur [PRPZ06]. **neural** [HWP95]. **Neuron** [KDBG95, LP94a]. **neutron** [Abr08]. **News** [Xu97]. **Newton** [AFK02, CKY02, Che05, FGGV08, GR03, Key95, KT05, Lui03, MB94, Tid01]. **Newtonian** [PGJB03]. **Nitsche** [Hei03, FHW04, HP05]. **Nitsche-type** [Hei03]. **no** [Ano98b, Ano00, CZ95, TV01]. **Nodal** [BB06, TCK91]. **Node** [GCMGRG09]. **noisy** [Nie09]. **Non** [BM93a, BB06, BLP91, CTD05, CC97, DS02, Gil01, GR06, Liu09, LMO00, MR88, MS05b, OL99, PHR07, RVY93, SST96, ZS01, AJT+99, AR04, AIV95, BRVC09, BPV98, BDG+97, Car97, CGM01, CHH02, CHH04, CSZ96, CH09, DV01, DZ04, GHN99, GG03, GMH08, GVT03, Haa00, Jia06, Jun97, Kok07, Kor97, Kuz98, LS95, LLL+06, pLhH93, LCO04, LOM98, LMO99, LMM00, Lui09, MS02, PS00, RV04, RV05, RVY97, SFNW02, Ste05b, Suz97, Tsu96, VMP10, WPT08, ZS00, ZZ02]. **Non-Algorithmic** [MR88]. **Non-conforming** [BM93a, MS05b, CH09, pLhH93]. **Non-iterative** [ZS01]. **non-linear** [AR04, AIV95, GMH08, Kok07]. **non-matching** [BDG+97, CHH04, CSZ96, Kuz98, LS95, LLL+06, SFNW02, Ste05b, VMP10, WPT08]. **Non-Overlapping** [LMO00, OL99, RVY93, BB06, CTD05, DS02, GR06, Liu09, PHR07, SST96, ZS01, BRVC09, BPV98, CGM01, DV01, DZ04, GHN99, GG03, GVT03, Haa00, Jia06, Jun97, LLL+06, LOM98, LMO99, LMM00, Lui09, MS02, RV04, RV05, RVY97, Suz97, ZZ02]. **Non-reflecting** [Gil01]. **non-self-adjoint** [Tsu96]. **non-selfconjugate** [ZS00]. **non-smooth** [Car97, Kor97]. **non-stationary** [LCO04, LMM00]. **Non-symmetric** [BLP91, AJT+99]. **Non-uniform** [CC97]. **Nonconforming** [FMW04, KW00b, LL89, pLL90, Sar93, ByS99, CE97, DS95a, DS96, GH97, HR09, Hua95, Hua96, KM03, MC97, Osw92b, Par04, SX97, SX99, SXC02]. **nonconvex** [Shi99]. **Nonhomogeneous** [LM72]. **nonisothermal** [KLM02]. **noniterative** [Jun10, NP93]. **Nonlinear** [Bog06c, DY02, GK91, HE95, Hei95, HF88, Kus97, QL94, Roe93, Sch96, Tai05, ARRS09, ARRS10, Adž98, Bog04, BP06, Bog06a, Bog06b, CKY02, DW94a, DH97b, EB99, GM98, GDP83, GP85, GP87, GJS10, GR03, Grü01, HTJ88, HB04, He96, HK97, HK96, HJ97a, KMZ90, KT05, LP06, Lee00, LH09, MB94, Mej94, MP08, MP09, N'K91, Osw90b, PAJ10, Sas03, Seq95, SC92, Tai94, Tro96a, Yu97b]. **nonlinearity** [AR04, BDOP07, OD09]. **Nonlinearly** [Lui03]. **nonlocal** [Tut08]. **Nonmatching** [Bel04, Hu05, SFNW05, BC07b, Buf02, EHI+00, HK98a, KL05, Kuz05, MS05b, TR93, Tal93]. **nonmortars** [Ste05a]. **Nonnested** [Cai95]. **Nonoscillatory** [SK92]. **nonoverlapped** [Lai92]. **Nonoverlapping** [BD03a, CG88, CG92, Den97, Den03, DLN02, Dri99, DG00, Du01, GM98, GH03, Haa97b, HZ03, HSW10, MRS04, RGG06, Rui96, XZ98, ALW99, BS00, BH03, CH93, DG07, DY96, ETY98, GRW05, GH94a, Hua04, Lio90, NN97, QX06, SIR08, Yan96, Yu96, ZY07]. **nonperturbative** [XT04]. **nonrectangular** [Sch94]. **Nonreflecting** [Gro01]. **Nonselfadjoint** [Cai89, Cai90, Xu92b, GH95, Hu99, Kis90]. **nonshared** [Mie88]. **Nonsmooth** [Kra09, Gri85]. **nonstationary** [AK90, Ago90a, Vab96, Zha95]. **Nonsymmetric** [CGK92a, CGK93, CGK94, DV97, EES83, KG90, Wid92, Yse85, CW93, KGE89, LMR94, NN87, SS86, SHJ89a, SHJ89b, SXC02, XC92]. **nonviscous** [AL93]. **Norm** [BY92, Cai93b, Osw91b, Sch05]. **norm-equivalences** [Sch05]. **Normalized** [Nie09]. **Norms** [MN88, Nep84]. **NORSAM**

[BHHA73]. **Norway** [Ano96a]. **Note** [Bel44, BW89a, Wan01]. **Notes** [XG95]. **Notre** [IEE96]. **nouvelle** [Ago98]. **Novel** [JN01b, DTH09, JN03]. **November** [ACM01, ACM03, HWP95, IEE91, IEE93]. **number** [Bre99]. **Numer** [CZ95]. **numeric** [Ste96]. **Numerical** [AGLV80, AE07, AB88, Ano90, BPMB00, Bjø80, BS08, Bre89, Bre85, BBCM03, BT06, CMX09, CTU98, CES00, CH06, DRGM04, DY96, FDKN04, GP79, GP87, GW96, GR07, GPS89, HTJ88, Hu05, Hua04, ILW07, Joh87, JG03, JM09, KO08, Kim94, KD92, LL01, Man06, Mat93a, Meu91b, MT86b, NTT00, Pap89, PR95, PR83, Sch88, SM98, Vab91, VWY01, ZG87, ZS02, dCGQS06, ADP02, BFH+95, BIM05, BK06, CGO76, DDD91, DS92, DSV94, DGP80, DH05, DHK06, DPLPY93, GP85, Hua90, IKM+99, KNS99, Kha08, Kva88, LNT84, MDTC08, MST96, NRWF08a, NRWF08b, PS90, QL89, Qua91, RG03, Rod85, RKL89, Scr88, TD08, TP93, TAA03, USDM06, Ano93, DDN95, KNS99, Mor90]. **numerics** [AFL96, BGS08, FW01]. **Numérique** [CD08]. **numerische** [Ste96].

O [LL93a]. **Ob** [Lae92b]. **obemnykh** [BK86]. **obespechenie** [Kuz90a]. **Object** [TY98, ZC95a, KKNR05, Lit97]. **Object-Oriented** [TY98, ZC95a, KKNR05, Lit97]. **oblasti** [Ago90b, BK86, Bul90, Lae92b, Lae92c, LL93a, Lap89, Nep90]. **oblique** [HR09]. **observation** [Sch74]. **Obstacle** [Tai02, KK03, KNT94, Tar94, XS94, ZC95b]. **Obtained** [Man90d]. **OCamlP3l** [CMV+06]. **October** [IEE95, KX95, KX94]. **odd** [Sme89]. **ODDLS** [GEVO08]. **ODE** [AM06]. **off** [SZB+07]. **Oil** [CMW92]. **One** [PRL10, Bou90, Fun88, GPP94, KL88, Stu10, Hes97]. **one-dimensional** [Bou90, Stu10, Hes97]. **one-phase** [KL88]. **ones** [Shi93]. **onto** [Pap89]. **Operator** [BGTV89, BK06, Gus03, MPRW98, AN95, GGM00, GK09, LL09, RMSS03, Shi95]. **operator-decomposition** [GGM00]. **Operator-splitting** [BK06]. **operatora** [EZK84]. **Operators** [Ago88, Cai93b, CK89, CH91, Kuz91b, Ago87, GVT03, Haa97a, HC92, Hu04, KMN93, Kho96, KNT94, Lae96, Nat95, Nat97, Nep97, Nep99, Nie09, Osw99, QV91, Tai05, Vas92, Yu95, Yu99a]. **Optimal** [Ben96, BC07b, Cai93a, Den03, GHN99, GP01, HN06, Leu99, MRS04, SD04, Smi92b, Wid89c, Xu09, Zha93, AV99, Bou02, CS95, HN05, KALO07, Kor01, Lag99b, LL04, Leu98b, Leu98a, MC97, SM07]. **optimal-order** [MC97]. **Optimality** [DW89a, Roz92]. **Optimisation** [DFLR93]. **Optimization** [DG00, Du01, GL00, Kon90, RMSS03, BGH+07, BB91, DD07, DHSV02, ERMD08, GH98, GHL00, HPS02, Kok08a, Kor97, Lee00, Lee06, LPP02, Roz92, TX99, Ulb07, Ano96b]. **Optimization-Based** [DG00, GL00, GHL00, Kok08a, Lee00, Lee06]. **Optimized** [LCG+10, QX08, VG05, GG03, GSv03]. **Order** [CH88, Hei93a, Hem95, Ong89, RT75, AAII96, Ast78, BM93a, BP04, Bra66, CQ90, CES91, CEL96, CH94b, CM00, DHY03, DPRW93, Fun88, Gra02, GHF00, GHF01, HLM91b, HL09, KKYxx, KGE89, Kla06, KY89, Kor02, Lag99a, Lay92, LB94, MC97, MDTC08, Mar07, MD08, NPH09, Pav99, PRL10, SRB01, Shi93, SR08, Tor94, Yan02, Ye98a, Zha93, ZS00, Zhu10]. **Ordering** [Wil92b, DM89, Wil92a]. **orders** [IK95]. **Ordinary** [BPMB00]. **Ordinateurs** [De 91]. **Oregon** [CLM89, IEE93]. **Oriented** [TY98, Gri94, KKNR05, Lit97, ZC95a]. **Orthogonal** [Bia93, BD03a, BM91, Shi95, Mor56]. **orthogonalization** [Man90a]. **Orthogonalprojektion** [Mor56]. **oscillating** [DTH09, ILW07]. **oscillation** [CJSS08]. **oscillations** [Bes87]. **Oseen** [JL08]. **Oseen-viscoelastic** [JL08]. **Otdel.**

[AL90a, AL90b]. **other** [BPP07]. **otsenke** [Lae92b]. **outer** [Rod85]. **Outflow** [NR94]. **overdetermined** [ST94]. **overhead** [IBA02]. **Overlap** [BW89a, DW92b, DW94c, WGZ+10, BDV97, CDS02, CDS04, Hua95, Hua96, Pav00, Vab90]. **overlapped** [Che05]. **Overlapping** [Abd93, BJNN02, BN07, BPS04, Cai93a, CS96, CW99a, CG88, CG92, CSZ96, DKW08, GS92a, GS92b, GH94b, HK01, KK99, Kuz91b, KN92, Kuz98, LMO00, OL99, PR95, QL94, RVY93, TMS87, TY07, ZHL03, BB06, BRVC09, BPV98, CTD05, CGM01, DS02, DV01, DZ04, FMW04, GHN99, GG03, Geo96, GVT03, GR06, GH95, Haa00, HC03, JY01, Jia06, Jun97, KPP09, Kur93, Lae92a, LT03, LS05, LLL+06, Liu09, LOM98, LMO99, LMM00, Lui09, MGLS91, MT86b, MY07, MLB99, MS02, MP08, NN97, PHR07, Rac95, RV04, RV05, RVY97, SST96, SV96b, Suz97, TT99b, TP08, Vab08, VG05, ZZ02, ZD04, ZS01]. **overlaps** [HK97]. **overrelaxation** [Gus03]. **oxymoron** [Kny98b].

p
[Man89a, Man90a, Man90b, Man90c, Man92c, Pav91, Pav92, PW93, Pav93a, Pav93b, ST98]. **p-Version**
[Man92c, Man89a, Man90a, Man90b, Man90c, Pav91, Pav92, PW93, Pav93a, Pav93b]. **P.** [Xu97]. **P1** [Osw91a, Osw92b]. **Package** [Ban90, DDF10, YHBM96]. **Padé** [HKL06]. **Palazzo** [GT94]. **PARA** [DW94b]. **Parabolic** [Cai89, Cai91, DD91, DD94, Dry91, ELPV93, MPRW98, Meu91b, Yu01, ZS01, ZS02, Abr00, ARRS09, ARRS10, AAII96, AIV95, Bla92, Bog99, BD01, BD03b, Bog04, Bog06a, Bog06b, Cha04, Cha05, Cha06, Che95, lCjZ93, ČPZ00, DG07, DD92, DW94a, DT07, DMW01, EL94, GGM00, GGM02, GK02, GGL04, IVA93a, IVA93b, JM06b, JM06c, JM06d, Jun09, Lae92a, Lae93a, Lae93b, LG95a, Lae98, Lae96, Lee06, Li06, LY07, LSS09a, LH09, LM07, LOM98, LMO99, MSY09, MS10, MG91, Meu91a, MP08, PAJ10, QX08, Rui93, SV95, SV99b, Scr88, SLC04, SV96b, TV91, VG05, WR09, WS04, Yan10, Yu97b, Yu99b, ZW05]. **parabolicheskikh** [Lae92b, Lae92c, LL93a, Lae93c]. **paraboliques** [GGM00]. **Paradigm** [BL04, MvdV01, Pri95]. **Parallel** [AR03, ARZ01, AIV95, AIIV97, ARIV97, BBG+95, BL04, BCT99, BDV96, BMOV96, BMS90, BMS91, BM91, BS92a, BCG94, BL00, BS93b, BPX90, BMS94b, CGKT94, CAL96, CS95, Chi81, Cia94, CRQT86, CRQR89, CW91, CWW92, DDF10, Den03, DKM+92, DW94b, ES96b, Eng09, EJL92, EA96, FR92, FRSY96, FGRS97, Fos96, FL00, jFZ06, GV87, Geo99, GH89, GK89, GK91, Gro92, Hac91b, HB04, HKD96, HK96, HJ97a, HZ93, HXA96, IEE95, IU98, JN01b, JN02, JN03, JCL07, KNG+93, Kan87, KK99, KG90, KDBG95, KKNR05, LRH97, LNT84, Lio99, LLS89, LLS91, MSY09, MC05a, Meu88a, Meu91b, Mey90, MPS86, MY07, NRWF08b, NN92, NPY+97, OPF97, PAF+97, PR95, PF05, Pop02, QFR03, QL88a, RBS94, Rhe09, RHGT10, SW91, Sch96, SL06, SV96b, SHHG93, Smi93, SBGP98]. **Parallel** [Ste95, Str96, SM10, Syd94, The98, WLH97, WDPW04, Yan10, YH03, ZH92, ZS01, ARRS10, AGLK08, ARZ00, AAII96, AIIV98, AIIV00, Bab90, BJ01, BPO95, Bla04, BB09, BS92b, BFK+98, BA09, BS90, BS91, BDM89, BT06, CKL98, CDG95, CDG96, Cha97, Che05, CWD08, DG07, DRSW04, DMP98, DP09, DDGM89, DPLPY93, DPRW93, DMW01, ERMD08, FC94, Fra90, GRN99, Glo95, Goy99, GKS98, GK88, GH94c, Gu97, GZW+00, Haa00, Hei95, HJ97b, IAK06, Kat94, KG87, KR06, KR10, Kuh96, Kuh98, Lai94a, LP94a, LKY07, LL97, LSL97, LSS+09b, LP98b, Lou95, MT05, MvdV01, MJC99, MB94, Meu89, Mil00, MSW98, MMC06, NP93, OBG10, PdOG99, PB94, PS93, Per92, Pin92, Pri95, QX06,

Qua91, RSVV08, Rui98, Sbo91, Sch88, SB89, Suz97, Tah92, TD07, TY07, VIA94, WAW88]. **parallel** [WY97, Wan01, Wan06, Whi87, XS09, XZ99, Yan96, Yan02, Zha92b, Zho97a, mM04, CC95, Koe01, LP98a, MKP+96, Gol03]. **parallèle** [LP98b]. **paralleler** [PS93]. **parallèles** [LP98a]. **Parallelisation** [RSN07]. **Parallelisierung** [HLM93]. **Parallelism** [HKM+97, Sko92, GHP10]. **parallelizable** [SS98]. **Parallelization** [BIP01, CP97, DDK06, ETV94, Hvi90, MSM98, Mie88, TY98, DM09, GEF05, Jun97, Kuh98, KKS90]. **Parallelized** [GOD+07]. **Parallelizing** [GLC89b, IVA93b]. **parameter** [Ago90a, CLYZ99, HK08, Prá93, RZ98, Tru85, Zho97a]. **parameters** [AL90a, Nep99, SD07]. **parareal** [Bal05, FHM05, MT05, SR05, Ulb07]. **Paris** [GGMP88b]. **Part** [Hac91a, Ano93, BHHA73, Bre89, HLM91a, HLM91b, KGTL03, Mat93a, Mat93b, MIL02, MOP+93, STDH02a, STDH02b, STDH02c]. **Partial** [Bab58, Ban90, BJNN02, Ben96, BEPP90, BEPP92, Cai89, CGPW90, CKM+92, CW91, Dub01, GGMP88a, GGMP88b, GKM+91, GN08, HM87, Joh87, McC89a, Meu88a, NO90, Smi90, SBGP98, ARRS10, Bab57, BFH+95, Bal05, BJ01, BL00, BT06, CQ90, CE97, DS92, DPRW93, DY96, DTH09, FMP+98, GW87b, GK88, GR07, GHL00, Hac91b, KG87, Kla06, Kva88, LL04, LNT84, Lay92, LB93, Lü92a, Lü92b, Lü92c, Ma96, Man90a, Meu89, PV08, Qua91, QV99, RVY97, Scr88, Tem88, TV91, Xu09, ZZYY08, ZG87]. **partially** [DD07]. **Particle** [Cot91, ES96a, QFR03, WLH97, BM10, GOS05, TKH09]. **Particle-grid** [Cot91]. **Particle-In-Cell** [QFR03, WLH97]. **particle-particle** [TKH09]. **particle-partition** [GOS05]. **particular** [CP96]. **particulate** [DGKL02]. **partielle** [Bab57]. **Partition** [Sar03, GOS05, Hol03, IP98]. **Partitioned** [Dek01, Wid84, BW84, BW86, BPS86b, Dry84, Kis90]. **Partitioned-GMRES** [Dek01]. **Partitioning** [Dag93, Wai88, CGZ99, Che05, KPW95, KPW96, ST96, Vas86]. **Passing** [ABBB94]. **past** [HMZ94]. **patch** [GHMR07]. **patched** [TB97]. **patching** [Hei93b]. **Patrick** [Mur97]. **patterns** [IU98]. **PCG** [PB94]. **PDE** [AM06, BGH+07, CGO76, DHK06, GH03, HK08, MR94a, Ulb07]. **PDE-based** [HK08]. **PDE-constrained** [Ulb07, BGH+07]. **PDE/ODE** [AM06]. **PDEs** [AAII96, Bla92, Dar04, GLS07b, Hem95, IVA93a, JN01b, JN03, KR90, KS99, LP94b, RVY93, Sch94, VG05]. **Peaceman** [LR95]. **Penalties** [BZ06]. **Penalty** [Hes98, AAH06, Bla92, Hes97, Lae93a, LTV01, Li97]. **pendula** [JG03]. **penetrative** [Tse00]. **Pennsylvania** [KX95, KX94]. **pereobuslavlivatelei** [Kho88b]. **perfectly** [Rah01, TT01]. **Performance** [ACM01, ABBB94, IEE94a, IEE94b, LSS+09b, Luc88, MKP+96, MPS86, WME+95, mM04, GHP10, LCHS96, MC05a, MSM98, PS90, Ste05a, SSH08]. **periodic** [SZB+07]. **Perturbation** [BS93b, LW07]. **perturbations** [OS04]. **Perturbed** [Bog02b, GK97, HP05, Kuz91b, BS92b, Bog99, Bog00, BD01, Bog04, KL95, KPP09, MS02, Scr91, SC96, Shi93, Shi99, TS01]. **PETSc** [KALO07]. **phase** [Bla00, DDK06, KL88, LY08, SXyWX09]. **Phoenix** [ACM03]. **photonic** [LJ07a]. **photoreceptor** [Kha08]. **physically** [Scr91]. **Physics** [Ano89a, Bab58, GT94, Ste01, AL95, AL96, Abr96, AE98a, AE98b, AEZ00, Ago89, Ago91, Bab57, Ego00, Hol03, KR03, Vab08, Zha95]. **Physik** [Bab57]. **Piecewise** [MG05, Shi99]. **piecewise-smooth** [Shi99]. **pipe** [TAA03]. **planar** [Bet07, ST96]. **Planck** [yGjW09]. **Plane** [Wid88b, KO90]. **plasma** [AKCHW01]. **plasticity** [Car97, EG09].

Plate [Mar01, TMV98, ADC09, BCLP10, Bre95, ByS99, Hua04, SD07, SX97, SR08, d'H93]. **plates** [TMV94]. **platforms** [SK09]. **PLS** [CAL96]. **PLTMG** [Ban90]. **plus** [Haa97a]. **PML** [GM09, KO08]. **podoblastei** [Lae92b]. **podprostranstve** [KS88]. **pogreshnosti** [Lae92b]. **Poincaré** [AN95, Ago88, Hu04, Nat95, Nat97, QV91, Yu95]. **Point** [HSY04, Bad06, BO07, KR03, Lai94b, MDTC08, PW02, RW93]. **point-collocation** [MDTC08]. **points** [Boy05, HR09]. **Pointwise** [Cai95, SHS09]. **Poisson** [Alb95, BM01, Bia93, CR85a, lCS06, Kar94, MT86b, RV04, LG87]. **pokomponentnym** [LL93a]. **Polar** [Ben95]. **pollution** [Syd94]. **polygon** [Dry82]. **Polyhedra** [Wil92b, Wil92a]. **polymer** [SXyWX09]. **Polynomial** [BM90, Bla92, GTZ88, BM90]. **polynomials** [Adž95]. **Polytechnic** [Lop94]. **Ponts** [GGMP88b]. **populations** [GG08]. **poroelastic** [BQQ09]. **porous** [AK04, AJR+00, Bru91, CTD05, CES00, DL10, KFK97, Mur98, NV04, Tu07, Yot01]. **Portland** [CLM89, IEE93]. **Positive** [GL81, CDS04, Tai05]. **postanovke** [Kho88a, Kho88b]. **Posteriori** [OL99, BRVC09, HE98, Rep08]. **Postroenie** [Kho88b]. **potential** [CPS99, KFK97, Kho96, KK03, LP06]. **potentials** [RTÈ06]. **pour** [AD96, BGT88, Des91, GGM00, LS98, LP98a]. **poverkhnosti** [EZK84]. **practical** [JL91]. **practice** [Il′92, Key99, MR94a]. **Prague** [Ano96c]. **Preconditioned** [CGK93, CGK94, Eva94, Ewi89b, GLC89b, HW09, Kny98b, Mey90, Tsu96, BS08, Bru95, CKY02, CH93, DM89, Gra02, JC09, KM91a, KM92, KALO07, Lui03, PP88, SHJ89b, XC92, GAF09]. **Preconditioner** [Ain96b, BJNN02, Beu05, DT91, JKKM01, JN01b, Osw91a, QSV06, Smi92b, TCK91, Ain96a, AV99, Bre95, CDS02, CDS04, CH92, Dor91, GTN03, HJ97b, HC91, Hua01, JN03, KKP07, Kim07, LT03, LSS+09b, Ma96, MMRT02, MR99, Rac95, RXH05, Roe89, Osw93]. **Preconditioners** [AN95, BPX90, CGL01, CR87, Cha87, DDF10, DV97, HN06, HF88, Mu95, Ong89, Osw91b, Osw91d, Pas88b, SST05, SR08, TGSS10, Wid97, AAH06, BCLP10, Ber04, BN07, Bla04, BO07, BPS86a, BPS87, BPS88, BPS89, BS00, Cao92, CGM01, CR85b, CR88, CES91, CE97, DP03, GS10, GCP91, HL91, HLM92, Haa97a, Hie03, Hie05, HC92, ILW07, KW93, KPR08, KYxx, Krä05, Meu88b, Osw91c, Osw91e, Osw99, Pas88a, PW02, QL88b, RW93, Sal04, SP08, Sco94, SX97, SW97, The98, TV04, Yot01, Yse90, ZS00, Zhu08]. **Preconditioning** [BCT99, BP04, BP87, CK89, Dar04, GM84, Hu04, JN99, KI96, Lae96, LK04, Man89b, Man89a, Mis94, MR92, MR94b, Nep99, NP05, SAD+00, SPBV05, Zha92a, AP88, AFK02, BCMP91, BK00, BEPS88, DDS89a, DDS89b, DD07, Dos90, GKB09, Gus03, IK95, KJ99, KW01, KNP02, LVM88, Man90a, Man90c, ML91, Mil00, Nep97, Sch05, Wai88, Zha93]. **preconditionings** [KKYxx, KY89, MvdV01]. **Preconditions** [CH88]. **Predicted** [YSF03]. **prediction** [DG07, Jun10]. **Prediction/Correction** [Jun10]. **predictive** [GRN99]. **predictive-adaptive** [GRN99]. **Predictor** [PLL05, ZYD09]. **Predictor-corrector** [PLL05, ZYD09]. **Prefrontal** [KDBG95]. **Preprint** [AL90a, AL90b]. **preprocessing** [Kuh96]. **pressure** [BC07a]. **prewavelet** [NZ99]. **prikladnoi** [Kuz85]. **prilozhenii** [Ago90b]. **primal** [ERMD08, FLP00, KRW05, KR06, Li03, LJ06a, LJ07b, Par04, Poh06, PGW09, Tos04]. **primal-dual** [PGW09]. **primary** [GTZ88]. **principle** [Hu99, Sha90]. **Principles** [Gus85, CDG+92]. **priori** [FX04]. **probabilistic** [ARRS10]. **Probing** [CM91, CM92]. **Problem**

[BGP89, Bel04, Beu02, BS93b, Bog02b, Fen00, GP79, LMO00, MG05, Sch98, Wid84, Zha91, Zha92c, Zha92e, AQ04, AF85, BDOP07, BSS04, Bes87, BS84a, Bog99, BD01, Bog02a, BD03b, Bog04, BP06, Bog08, Bou02, Bra66, Bre95, BLP03, CZ91, Car97, CH97, DG07, De 91, Des90, Des91, DV96, Dry82, Dub01, FX04, FGM90, FDS99, GGL04, GP87, GJS10, Grü01, He96, Hie03, Hua04, JK01, JY01, JT06, KN02, KO08, Kim94, Kim98b, KL05, KM91a, KM92, Kok07, Kok08b, Kok09, KPP09, KL88, KO90, KN92, KNP03, LPL00, LPSL02, LLP03, LV90, LLPJ08, Lee00, Li97, MR04, Mar07, MD08, MG91, MS02, Osw91c, Pie04, PLL05, Poi96, QV90, Sas03, Shi95, Sob98, ST00b, Tro96a, Tut08, TP93, WL06, Yan02, Ye98a, Zam92, ZD04, d'H93]. **Problème** [De 91, Des90, Poi96]. **problèmes** [BGT88, Des91, GGM00, LS98, LP98a]. **Problems** [ABLS05, BIP01, Beu05, BD03a, BH88, BW89a, BKK01, BP87, BEPP90, BLP91, BEPP92, BZ06, CGK92a, CW92, CGK93, Cai93a, CGK94, CH88, CH91, Cia78, CMW92, DD94, DPW86, Dry88, Dry89, DW89b, DW90, DW91, Dry91, DW92a, DSW93, DW93b, DY02, ELPV93, FL00, GK97, GW88, HS96, HN06, HP05, Hei93a, HSY04, HF88, JN02, Kra09, Kus97, Kuz91b, LL00, Leu99, LM72, Mar01, Mat89, Mat93a, Mat93b, Meu91b, MPS86, Nep86, Nep91, Ong89, Pas88b, RT75, Smi91, Smi92a, Smi92b, Smi93, Ste01, Tai02, TMV98, Wid84, Wid88a, Wid88b, Wid89a, Wid89d, Wid92, Xu92b, Yse85, Yse86c, Yu01, ZS01, AH02, Abr08, AL95, AL96, Abr96, AE98a, AE98b, AEZ00, ARRS09, AJT$^+$99, Adž98, Ago86, Ago87, Ago89, Ago90a, Ago91, Ala07, AJR$^+$00, AAH06]. **problems** [AMS09, AIV95, Bad06, BCLP10, BM93a, BGS08, Bet07, BN07, BW84, BW86, BDR00, BDR02, BS92b, Bog00, BFK$^+$98, Bor05, BO07, BD96, BB02, BGT88, BVW97, BPS86a, BPS86b, BPS87, BPS88, BEPS88, BPS89, BP90, BGG$^+$97, CW93, CTU98, CQ95, CES91, CZ94, CS94, CZ95, CS89, CEL96, CE97, CGPT05, CSX05, CCJ99, CH92, lCjZ93, ČPZ00, CM00, Cor90, DS96, DD92, Dev90, DGP84, DP09, Dos95, DFS98, DNS00a, DGS01, DKV$^+$10, Dry84, DP03, DW03, DP05, DGS07, DT07, DMW01, Ego00, EG09, ETY98, ELV88, Ewi91, EL94, FMT99, FML00, FL05, FGGV08, FRSY96, For07, FW01, GGM00, GEVO08, Gas93b, GMH08, GM98, GSv03, GM91, Geo96, Geo99, GAF09, GK02, GTN03, GVT03, GRW05, GP01, GDP83, GP85, GW87a, Gri85, GH94a, GH94b]. **problems** [GH94c, GH95, GHF00, HW95, HTJ88, HXG01, HB04, HL96, HK98a, HN05, Hei03, Hei93b, HK96, HJ97a, HMW06, HB10, HS94b, Hop03, HIRW05, HC03, HC91, HC92, Hu99, HSW10, ILW07, IVA93b, Jia06, JC09, JM06b, JM06c, JM06d, Jun09, Jun10, JL91, KPW95, KPW96, KR03, KCC89, KL95, Kar94, KT96, KGE89, KMN93, KMZ90, Kis90, KW02, KRW05, Kor01, KR07, Kor97, KS05, KHD05, KT05, KD92, Kuz86a, Kuz86b, Kuz89a, Kuz89d, Kuz89b, Kuz90b, Kuz91a, KNT94, KNP02, Lae93a, Lae98, Lae96, Lai93, Lt93, Lai94b, LW00, LLP01, LP06, LL01, LT03, LMR94, LR95, LVM88, LTV01, Leu98b, Leu98a, LS98, LL93b, LS05, Li06, LJ06a, LY07, LJ07b, LY08, pLhH93, LSL97, LB93, LP98a, Lio00, LW07, LOM98, LMO99, MB96, MMRT02, MB94, Meu91a, Mró89]. **problems** [MP08, NPH09, Nep84, Nep99, NP05, Nep92, NZZ94, Nor01, OM97, Pap89, Par95, Pas88a, Pav92, PRL10, PC97, PAJ10, QX08, QV91, RL02, RV04, Rep08, Røn92, Rui96, Rui98, RW93, RTÈ06, SAD$^+$00, SV95, SV99b, SIR08, Seq95, SRB01, SHJ89a, Sha94, SXC02, SV96b, Shi99, Sme89, Ste96, Swa93, Tai94, TX99, TRV91, Tal93, TT99b, TV99, Tar94, Tha95, Tv93, Tsu96, Vab90, Vab91, Vab96, Vab08, Vaj93, Vas86, VMP10, WC03, WY97, Wen04, Wid96, WB91, XO94b,

XO94a, XC92, XS94, Yan96, YD04, Yan10, Yu97b, hY98, Yu99a, Yu99b, Zha95, Zha92a, ZS00, Zha06, ZC95b, Zho97b, mM04]. **problemy** [Kho88a]. **Procedure** [Den97, Den03, LP94b, Cha05, Cha06, DPRW93, DH97a, FQZ88, LR95, MQ88, MQ89, Mor56, Par04, WY97, Yan96, Zhu10]. **Procedures** [DD94, JN99, PB96, Cha04, DD92, DH98, Kim98a, LNT84, MSY09, MS10, Nor01, Ste96, SM10, Yan10]. **Proceedings** [Ano93, Ano96b, Ano96a, Ano96c, BBG+95, GGMP88b, GT94, IEE91, IEE93, IEE94b, IEE95, IEE96, KX95, MMO90, AFL96, DRV00, DW94b, KX94, LCHS96, Lop94, PSB+94, BGPW89, CLM89, GLT89, GKL+09, GPS89, IEE94a, KNS99, SM98, Tra00]. **Process** [CA02, RP89, Sme89]. **processes** [MB94]. **Processeurs** [De 91]. **processibility** [Don89]. **Processing** [BBG+95, GV87, HXA96, CGRS01, DKM+92, NN92, PB94, PSB+94, Qua91, WDPW04, Koe01]. **processor** [PdOG99]. **processors** [DS92, KR90, MSW98]. **Product** [Cai93b, BPWX91b, ÖD93]. **Proektsionno** [Il′89]. **Proektsionno-setochnye** [Il′89]. **Program** [BMS94b, Hvi90]. **programmed** [Luc88]. **Programming** [Fos96, BHHA73, CMV+06]. **Programmnaya** [Bul90]. **programmnoe** [Kuz90a]. **Progress** [BMPV08]. **Projection** [BX91, BS90, BS91, Mor56, Ovt93, Shi95, Xu91]. **Projections** [BM91, HR09]. **Projector** [DD07, Dos90]. **projectors** [DNS00a, KRT91a, KRT91b]. **prolate** [Boy05]. **promising** [BBCH08]. **proof** [Ma96]. **propagation** [CGPT05, Des91, GLP+06, KO08, WC03, mM04]. **Properties** [Il'69, TG04, XZ99]. **proportioning** [Dos95]. **protsessy** [Mar91]. **Proximal** [OM97]. **Pryamoi** [Lae92c]. **pryamykh** [Lae92b]. **pseudo** [Cha97]. **pseudo-boundary** [Cha97]. **pseudodifferential** [TGSS10]. **Pseudospectral** [Phi92, DDS89b, Fun88, GH89, NP93, sX96]. **Putting** [CA02]. **PVM** [BMS94b, CP97]. **Python** [SSH08]. **PyTrilinos** [SSH08].

Quadratic [HN06, DD07]. **quadrature** [Boy05, LW07, WS04]. **quadrilaterals** [GH90, PS92]. **quadtree** [WA03]. **quantities** [VPDH08]. **Quasi** [ABLS05, Ain96b, BP07, NS00]. **quasi-linear** [BP07]. **Quasi-Monte** [ABLS05, NS00]. **Quasi-Uniform** [Ain96b]. **queries** [Don89]. **query** [CGRS01]. **questions** [Il′92]. **queueing** [Cha93]. **queuing** [Par95].

Rachford [LR95]. **Radial** [BLB00, AE07, Dua06, GCMGRG09, LK04, Nie09, PHR07, TGSS10, Wen06, WL06, ZHL03]. **radiation** [BP08, EG94]. **radiative** [N'K91]. **raising** [BM90]. **Randintegralgleichungen** [Ste96]. **random** [ARRS09, TG04, XT04]. **Randwertprobleme** [Ste96]. **rank** [Dor91]. **rascheta** [BK86]. **RASHO** [CDS02]. **rasshchepleniem** [LL93a]. **Rate** [CGK90, Wid89b, CGK92b, FFS98, Gu97, LP95, LSL89, NN97, Osw94, zZZhS02]. **rational** [Kim98b]. **ratios** [AH02, ML91]. **Raviart** [GH95, RXH05]. **Rayleigh** [Sch71]. **razbieniya** [BK86]. **razdeleniya** [Ago90b, Bul90, Nep90]. **raznostei** [Zav82]. **razryvnymi** [Nep90]. **re** [RS01]. **re-entrant** [RS01]. **Reaction** [BZ06, HP05, GKR02, HB04, Kha08, KPP09, PF05, RS01, WVE97]. **Reaction-Diffusion** [HP05, GKR02, HB04, KPP09, PF05, RS01]. **reactive** [WPT08]. **Real** [BGH+07, KPW95, RJ07]. **Real-time** [BGH+07, RJ07]. **realizability** [Tiw00]. **realization** [AF85, AB88]. **realizatsiya** [Bul90]. **realize** [KL88]. **realizing** [AEZ00]. **reciprocity** [TP08]. **reconstruction** [HK08, HKL06]. **Rectangle** [Bia93, CR85a, Pap89]. **rectangles** [DW93a]. **Rectangular**

[JM06d, JM09, MS10, Osw91d]. **recycling** [JC09]. **reduced** [Dor91, LP07, MR04, SR92]. **Reduction** [DY02, Fen83, BPP07, BDM89, DZ04, Fra90, Hos07, JY01, Liu09, Yu94]. **reference** [RP89]. **Refined** [ELPV93, NW91, Wid89a, Ain96a, EL94]. **Refinement** [BMS90, BEPP90, BEPP92, DW89a, Ewi89a, FM99, GK92, MM89b, MM89a, Mat89, Pav93a, Wid88a, Wid89c, Wid89d, BMS91, BEPS88, DV01, ELV88, KG89, LPP02, Mat93a, Mat93b, Mis94, SLLZ94, WVE97]. **refinements** [Mie88]. **reflecting** [Gil01]. **Reflection** [Ago87]. **regime** [Des91, Des91]. **Region** [Il'69, Dry82]. **Regions** [CR87, GM84, Wid84, BW84, BW86, BPS86b, CR88, Dry84, Kis90, LG87, RS01, Yu99b]. **regridding** [TV91]. **Regular** [DKW08, Geo73]. **regularity** [BPWX91a]. **Reinforcement** [KB08]. **Reinforcement-matrix** [KB08]. **Reissner** [BCLP10]. **Related** [CHL91, Osw91b, LL01, Osw90a, Seq95, Wir02, DMPG83]. **Relational** [RM88]. **Relationship** [CG92, Yu95]. **relatives** [HM00]. **Relaxation** [Wan06, EB99, FQZ88, GHN99, GG08, Kok08b, Kok09, KKS90, MQ89, Mar05, Tar94]. **Relèvement** [BM90]. **remarks** [Lio00, Osw91e]. **Rendering** [LG95b]. **Rensselaer** [Lop94]. **representations** [Osw89b]. **reprojection** [BBM00]. **Research** [HWP95, Lip94]. **Reservoir** [BMOV96, CMW92, PR95, DS95b, EE97b, GEF05]. **reservoirs** [DPLPY93, HE98]. **reshenie** [EZK84]. **resheniya** [Il′93, Kho88a, Kho88b, KS88, Lae92b, Lae92c, LL93a, Lae93c]. **residual** [Gus03, SS86]. **Resolution** [Hu05, De 91, De 91]. **resonator** [Bes87]. **resources** [REB+92]. **restoration** [BZ96, XTW10]. **restricted** [CDS02, CDS04, FNS02]. **Resulting** [BP87]. **Results** [CHL91, DW93c, Mat93a, BM89, KRW05, Kup99, MST96, NHD+03]. **reuse** [GR03]. **Review** [Mur97]. **Reviews** [Xu97]. **rezonatorov** [BK86]. **rezultaty** [Ago90b]. **RF** [BK87]. **Richardson** [MP08]. **Riemann** [Dub01]. **right** [FC94]. **right-hand** [FC94]. **ring** [GH90]. **Ritz** [Sch71, Sch74]. **Roache** [Mur97]. **Robin** [LS05, Bla00, DQV07, DH97a, DH98, GTN03, HC03, LMO99, QX06, QX08, SFNW02, ZY07]. **Robin-Robin** [GTN03, LMO99]. **Robin-type** [QX06]. **Robust** [BCLP10, LMR94, OX99, GOS05, KPP09, RJ07]. **Robustness** [CK08]. **rods** [Kha08]. **Rosseland** [N'K91]. **row** [BS90, BS91].

s [LL93a, Nep90, DL10, Lai93]. **S-MP** [Lai93]. **sūchi** [Ano00, Ano98b]. **Saddle** [HSY04, BO07, PW02, RW93]. **Saddle-Point** [HSY04]. **Samarski** [Tut08]. **Samarskii** [JK01]. **San** [BBG+95, IEE94b]. **SAS** [Che88]. **SC2001** [ACM01]. **SC2003** [ACM03]. **Scalabilities** [DHSV02]. **Scalable** [AIIV97, DKV+10, GKS98, IEE94a, IEE95, NPY+97, BDS08, DH05, FMT99, FLP00, Key99, KR10]. **Scalar** [Don91, TW07, Kim98a]. **Scale** [BKK01, FR92, HE95, HF88, QL94, ADC09, ERMD08, Ewi89b, Ewi91, GAF09, LJ06a, LJ07a, LJ07b, OS04, SJMP10, XT04]. **Scaling** [PS09]. **SCAN** [AFL96]. **SCAN-95** [AFL96]. **Scattered** [LS09, BG91, IL05, Nie09]. **scattering** [BP08, BB02, BDG+97, CJSS08, HL96, HK98a, HW09, Man03, NZZ94, SZB+07]. **scenario** [HND06]. **Scheduling** [YSF03, BC96]. **Scheme** [Dry81, MCL02, Yu01, BIM05, BA09, CHH02, DP09, ETY98, FFN+02, HR09, Hua90, IP98, KT05, KL88, PP88, PHR07, RTÈ06, XS09]. **Schemes** [Bog06c, BLP91, Hes98, Kar97, AEZ00, Ald09, Bog06a, Bog06b, Dar04, DRGM04, Gra02, Gus03, Hes97, Li06, LY07, McC89b, MY07, SV95, Vab96]. **Schmidt** [Bel44]. **Schrödinger** [He96].

Schrödinger-type [He96]. **Schur** [Bre99, CGL01, CG88, CG89, DS95b, HKK05, HK08, Man89b, Man90d, NPH09, PRPZ06]. **Schwartz** [AL90a]. **Schwarz** [CZ95, Nep86, AAH06, Bab57, Bab58, Bad03, BGOD02, BGOD05, BN07, BDV96, Bjø89, BS92a, BDV97, BDR00, BDR02, BS08, Bou02, Bre95, BPS04, Cai90, Cai91, CW93, CFS97, CKY02, CDS02, CDS04, CJSS08, CF88, CW99a, CG88, CZ94, CZ96, CSZ96, Cha97, Cow93, DKW08, DW87, Dry89, DW92a, DSW93, DW93b, DW93c, EW91, FNS02, GHN99, GG03, Gan08, GSv03, GO95, GS92a, GH94c, Hac91a, HS96, HK97, HK08, Hie03, Hua96, KKP07, Key95, KPP09, KNT94, LW00, LS05, Lio78, Lio88, Lio89, Lio90, Lui99, Mar07, MS05a, Mar05, Mat93a, Mat93b, MN85, MLB97, MP08, MP09, Nab03, NMB10, Pav91, Pav93a, Pav93b, PR95, QX08, RXH05, Rod85, RKL89, Rui93, RY97, Sar93, SP08, qSnH09, Sko92, Sob36, ST94, Tid01, VG05, Wid89b, Wid92, pY93]. **Schwarz** [YD04, Zha92d, Zha92e, Zho97c, GS92b]. **Schwarzsche** [Bab57, Lan92]. **schwingender** [Rat00]. **Science** [KX95, QPKW94, BV92, CCCP91, HK$^+$02b, Key03, KM01, KGTL03, STDH02a, STDH02b, STDH02c]. **Sciences** [GLT89, Ano89b, CCCP91, GL86, GL90, GPSW97]. **Scientific** [AFL96, AAM06, BBG$^+$95, GV87, MWL01, CDG$^+$92, DKM$^+$92, DW94b, GP86, KMM91, KX94, NN92, Koe01, XCHK96]. **Screen** [HS96, Tha95]. **Second** [CH88, IEE96, Ong89, Sam98, Ast78, BM93a, Bra66, CEL96, CH94b, CM00, DPRW93, HL09, Kla06, Lag99a, LB94, PRL10, Yan02, Ye98a, Zha93, ZS00, Zhu10, Fun88, GV87]. **second-order** [Ast78, CEL96, CH94b, Yan02, Zha93, Zhu10]. **sedimentary** [Kok07]. **seepage** [PWSB91]. **segregation** [BC07a]. **Seidel** [TD07]. **Selecting** [BGP89]. **selective** [GR03]. **self** [Tah92, Tsu96]. **self-focusing** [Tah92]. **selfconjugate** [ZS00]. **semi** [BIM05, DH05, FHM05, He96]. **semi-discrete** [BIM05, He96]. **semi-implicit** [FHM05]. **semi-monotonic** [DH05]. **semicoercive** [DFS98]. **Semiconductor** [Kla98, AK90, AM06, BS93a, Lai93, Lt93, LSS$^+$09b, WW89]. **semilinear** [BDOP07, Bog07, Bog08, KPP09, LSS09a, ZZYY08]. **Seminar** [Ano89a, SM98, Hen90, KNS99]. **Sensori** [KDBG95]. **Sensori-Motor** [KDBG95]. **separated** [CH06, HS94a]. **separated-layers** [HS94a]. **September** [AFL96, DRV00, PSB$^+$94]. **Sequences** [KDBG95, SK09]. **Sequential** [BB91, GW89, KKS90]. **serial** [PB94]. **series** [Zha87]. **set** [PGW09]. **setochnoi** [Lap89]. **setochnye** [Il′89]. **settling** [PGJB03]. **Seventh** [BBG$^+$95, GKL$^+$09, KX95, KX94]. **Several** [Il'69, Bou90, DP09]. **SGBEM** [VMP10]. **shūhen** [Ano00]. **Shallow** [YCC10, Bla07, DM09, DRGM04, Mar05, PAF$^+$97, SM07]. **Shape** [BGP89, Roz92, lCS06, DHSV02, RJ07]. **shaped** [CR88, MT86b]. **shared** [DMP98]. **shared-memory** [DMP98]. **shear** [TMNF01]. **shear-stratified** [TMNF01]. **Shell** [HF88, TMV98, KN02, The98]. **shells** [OX99]. **shock** [SK92, WL03]. **shocked** [CKY02]. **shocks** [Kop89]. **shooting** [Lai94b]. **shot** [GPP94]. **SIAM** [BBG$^+$95, Koe01]. **sides** [FC94]. **SIGMOD** [CLM89]. **Signal** [HXA96]. **Signorini** [BSS04, KN92, Sch98]. **simple** [HSW10]. **simplified** [KN92]. **Simulated** [PdOG99]. **Simulation** [BMOV96, CA02, CMW92, GHS93, PR95, QFR03, Rat00, Tse00, AR03, AM06, BWA92, BS93a, BS08, BBTD05, BK06, DM09, DMP98, DS95b, Eng09, GEF05, HG08, Hei95, JG03, LJ07b, NRWF08a, PGJB03, Str96, Syd94, TD08, TMNF01, TAA03, ZC95a]. **Simulations** [DG00, HKD96, PS10, WLH97,

AF04, CWD08, GKS98, KNG+93, RSVV08, RHGT10, WK01, GKL+09]. **simulator** [AGLK08]. **Sinc** [LB96, LB94, MLB97, MLB99]. **sinc-Galerkin** [LB94]. **Singular** [BDOP07, BS93b, Kuz91b, TS03, Che97, Heu99, LXZ03, LW07, MS05a, OS04, ST00a]. **singularities** [Hei03]. **singularity** [Li97, Tah92, WL06]. **Singularly** [Bog02b, GK97, HP05, BS92b, Bog99, Bog00, BD01, Bog04, KL95, KPP09, MS02, Scr91, SC96, Shi93, Shi99, TS01]. **sistem** [KS88]. **sistemy** [Mar91]. **site** [BBTD05]. **Sixth** [DRV00, QPKW94]. **size** [CS95, VTBK97]. **skeleton** [CMV+06]. **skhemy** [SV99a]. **slip** [BIW04]. **slip-dependent** [BIW04]. **Small** [DW92b, DW94c, LYK07, Ago90a, Pav00]. **smaller** [PW02]. **Smith** [DNR09, Xu97]. **smooth** [Car97, Kor97, Shi99, The98]. **smoothing** [Haa97a, KK97]. **Sobolev** [AFK02, BH00b, Osw90b]. **Software** [Ban90, CA02]. **Solid** [Fen00, HF88, Bat01, FX04, HMW06, Man03]. **solidification** [TD08]. **Solution** [ABLS05, BJNN02, BLB00, Bog02b, Che97, FR92, FL00, FGN91, GL81, GK91, GHL00, HS96, JN01b, JN02, KCC89, KK99, KG90, MM89b, MM89a, Man90d, MPRW98, N'K91, Nep86, PB96, Sch96, Smi92b, Wid89a, ZS02, AF89, AL95, AL96, Abr96, ARRS09, ARRS10, AE07, Adž94, Adž95, AIIV98, BJ01, Bjø80, BW86, BL00, Bla92, Bog08, Bou02, BEPS88, BT06, CMX09, CTU98, CGPT05, CGO76, DDD91, DS92, Dek01, DRGM04, DGP80, DMPG83, Dos95, DV96, DH05, DHK06, DKV+10, DPRW93, FC94, FML00, FL05, GP85, HL96, HC98, Hua90, Hua93, Hua04, JN03, KM91a, KM92, Kuh96, Kuz86a, Kva88, Lae92a, LG95a, LPL00, LRH97, LLPJ08, LNT84, LP98a, Lio99, MB94, MT86b, NRWF08b, NP93, Pap89, PF05, Qua91, Scr88, Ste96, Stu10, SB89, TV99]. **solution** [Vab91, Vas90, Vas86, VIA94]. **Solutions** [Joh87, AAII96, DDS89a, DDS89b, Dev90, KPP09, Lae93a, LH09, Mej94, SR92]. **Solve** [Gar94, Bal05, CTD05, Dar04]. **solved** [Roe93]. **Solver** [BL04, Beu02, Bia93, BW89c, BIA05, OPF97, PR95, AIIV98, AIIV00, BFK+98, BW89b, CR85a, ERMD08, GKR02, GOS05, HJ97b, Jan07, JC09, LG87, Lou95, MT05, MMC06, WK01, Zam92]. **Solvers** [AIIV97, BKK01, CAL96, HSY04, KW00a, Man92a, Man92c, Mey90, ZS01, BS84a, Bla04, Bör89a, Bör89b, CKL98, DGKL02, FGM90, GHP10, GLC89a, HLM92, HW95, HST95, HK96, HJ97a, Hie03, Key95, Kor02, LP06, Man90b, Man06, MKP+96, MR94a, PW02, SSH08, Ste95, Woh01, Yot01]. **solves** [BPV98]. **Solving** [Ban90, BW84, Bog06c, Dan02, DGP84, Fen07, HM87, Hes56, Kra09, Lt93, LVM88, NO90, Sch98, Ste01, TMV98, Wen04, Yu99b, Yu01, AQ04, AE98a, AE98b, AMS09, Bog06a, Bog07, BB02, BVW97, CH92, CH94b, CDL04, Ego00, EG09, EG94, Gra02, GH94a, HC91, HC92, IVA93a, KR90, Kim98a, Kor01, KL90, KS05, KHD05, KT83, Lae93b, Lae98, LPSL02, LLP03, Li03, LJ06a, LT09, LSL97, Lü92a, Lü92b, Lü92c, MN89, Mil00, MGMC05, PRL10, PC97, PR90, PLL05, Pop02, Prá93, SS86, Swa93, Tal93, WL06, sX96, Xu96, Zha92b, ZL96, ZC95b, mM04]. **Some** [Alb95, BX91, Cai89, CGK92a, CGK93, CGK94, DW89b, DW93c, GH97, GM09, Il'69, KRW05, Kur93, NHD+03, Pav93b, SW93, Tai03, Wid88a, Wid89d, Wid92, XZ98, XZ99, AK88, Ago90a, AJR+00, BC07a, BIM05, BA89, CW93, Il′92, KPW96, Kor97, Kup99, Lt93, LW05, MC05a, NN97, RKL89, Lio00]. **sono** [Ano98a, Ano00]. **Sopryazhennye** [AS88, AS89, AS90]. **SOR** [Osw94]. **Soviet** [Ano90]. **SP2** [HXA96]. **Space** [Bla04, CM91, CMS92, CMS94, GK02, Yu01, AFK02, Cor90, DNS00b, EL94, HSW10, Hua97, Hua01, LC08, MN88, Sha94, Tai94,

TT99a, VTBK97, WVE97, Xu92a, Yu99b, zZZhS02]. **Space-Time** [Yu01, GK02, WVE97]. **Spaces** [Ago88, Wid87, Yse85, Yse86b, Yse86c, BH00b, BDV97, Cha93, DW93a, Osw90b, Osw90a, Sar03, Yse90]. **Sparse** [GL81, KK99, Kup99, CS96, EB99, Gus03, KGE89, KYxx, NZ99, SSZ98, SAD+00]. **Sparsity** [NN88, For07]. **Spatial** [NPY+97, WA03]. **spatio** [AD96]. **spatio-temporal** [AD96]. **spatio-temporelle** [AD96]. **SPD** [KK99]. **special** [HT91]. **Spectra** [BM91]. **Spectral** [BM01, CF88, CQ90, GQS00, Hei93b, HC92, Kar97, KPR08, KR07, MG05, Phi90, Qua90, ST96, Tv93, Adž94, Adž98, AIIV00, BP08, BM93a, BM89, Boy05, CJSS08, CZ91, CG89, CGZ99, DDS89a, yGjW09, Hie03, Hie05, HM00, KP90, Kar94, KT96, Kop89, KR08, Kup99, LV90, LP07, LR00, Nat95, Nat97, Pas91, PRPZ06, Pav00, PW00, Qua87, QL88b, SRB01, SP03, SK92, Tse00, TMNF01, Wid96, Wid97, WK01, XG95, Zam89, Zam92, Zan87]. **spectral-element** [Bla07]. **spectral/** [SP03]. **Spectrally** [KW93]. **spectrum** [GCP91]. **Speed** [Yse86a]. **spektralnykh** [KS88]. **Sphere** [ES96a, YCC10, Bla07, BFF96, TGSS10]. **Spherical** [LCG+10]. **spheroidal** [Boy05]. **Spline** [Bia93, BD03a, LS09, BZ96, LW98, Osw89a, Osw90b, SR08]. **split** [LL08]. **Splitting** [DS02, LSL97, Yse86b, Yse86c, BK06, Che95, Che97, ČPZ00, DG07, FLS94, GGM02, GK09, HL09, PAJ10, SLLZ94, TJDE97, Yse90]. **Splittings** [MPRW98, LVM88, Whi00a]. **spots** [IU98]. **spots-and-stripes** [IU98]. **SQP** [Ulb07]. **square** [Ye98a]. **squares** [GP85, Nie09, Pav99, Ye98b]. **SSOR** [KKYxx, KY89]. **SSSR** [AL90a, AL90b]. **stabilised** [Buf02]. **Stability** [RG03, Rüd97, SL06, SR05, Abr00, Bal05, Zhu10]. **Stabilization** [BBM92a, BBM92b, BK00]. **Stabilized** [Bel04, ZS02, Ber03, LSS+09b, LMM00, RL04]. **Stable** [Hes98, JN01b, ZS01, BA09, Hes97, Jun10]. **stage** [EB99]. **staging** [GW89]. **started** [Wu92]. **State** [GKL+09, IEE95, KX95, KX94, ALW99, Cha93, LRH97]. **state-spaces** [Cha93]. **states** [Cor90]. **static** [KR03, LC08, TV91]. **static-regridding** [TV91]. **stationary** [AE98b, AEZ00, LCO04, LMM00]. **status** [Tem88]. **Steady** [RV05, KT96, LRH97, Man06, Røn99]. **Stefan** [KL88]. **Stefana** [Lap89]. **Steklov** [AN95, Ago88, Hu04, Nat95, Nat97, QV91, Yu95]. **stepping** [RY97]. **steps** [MGC09, Yu99b]. **Steuerung** [Rat00]. **stiffened** [d'H93]. **Stochastic** [JCL07, CLYZ99, Eng09, GAF09, JC09, KD92, Lio78, PT03, ZZYY08]. **stochastique** [Lio78]. **Stokes** [AAH+00, AF89, AIIV97, ARIV97, AIIV98, AIIV00, BQQ09, Bel04, BVW97, BP90, BK06, CFS97, CMX09, CZ91, CH94a, CH97, Cot91, DS96, DDS89a, DV97, DGP80, DMPG83, DQ03, Dis05, DQV07, DNR09, FHM05, Fuj98, GS10, GQS00, GRW05, GP79, GPP94, Gol03, GL00, HG08, Hes97, Hes98, Hua90, Hua93, JT06, KT96, KFK97, KL05, Krz05, LW98, LV90, LL97, Li03, LW06, LCO04, Lou95, LR00, LMM00, Lui99, Man06, Pas91, PW02, Phi92, Qua89, QV90, QLV91, RV04, RV05, Røn99, Seq95, SRB01, Sob98, SR92, ST00b, TM94, Tid95, Tou01, VIA94, Ye98b]. **Stokes-Mortar-Darcy** [GS10]. **Stokes/Darcy** [CMX09, Dis05]. **Stokes/Navier** [Li03]. **Strategy** [CA02, BPO95, MPS05, MC05b, PGW09, SK09, TAA03]. **stratified** [TMNF01]. **stream** [LL08]. **streamline** [Gas92, Par04]. **Strings** [Leu99]. **Strip** [QSV06, MC05b, Mró97]. **strip-based** [MC05b]. **stripes** [IU98]. **strips** [Nep92]. **Strömungsberechnung** [PS93]. **strong** [Hua95, LBB10]. **strongly** [GTN03, Hu99]. **Structural** [BH88, Hvi90, Prz85, ADC09,

Che88, FL05, jFZ06, GR06, HPS02, PB96, Prz63, Rhe09, Roz92]. **structure** [AMS09, BC07a, BBCH08, CP96, FGGV08, Jun97, Kok08a, KW08, MNW08, Per92]. **structured** [FRSY96, GG08, LM07]. **structures** [BS93a, KM03, Leu98a, ÖD93, SZB+07, d'H92, d'H93]. **Studies** [Zha91]. **Study** [GLPE97, RV04, RV05, CP96, ILW07, Tid01]. **sub** [PHR07, TP08]. **sub-domain** [PHR07]. **sub-domains** [TP08]. **Subdomain** [Mey90, MPS86, MGLS91, BDV97, BCDM88, BVW97, CP05, Dek01, HLM92, HC03]. **Subdomains** [DKW08, Man93, QL94, Abr08, Bör89a, Bör89b, GH94b, HK97, HC98, HC03, Jia06, KPR08, Kor01, Lae92a, Lio90, MGC09, NN97, QL89, SV96b, Sme89, Vab08, ZH92]. **subgrids** [TB97]. **subproblems** [Vas90]. **Subregions** [DW87, Wid89b, Dry84]. **Subspace** [Nep86, TX99, Hua97, Kat94, LXZ03, MN85, OX99, Vas86, Xu92a, vdES04]. **subspaces** [CK08, GR03, Kuz86b, PS07]. **substationarity** [TP93]. **Substructure** [KNY98a, RW93, SX97]. **Substructured** [BH88]. **Substructures** [Wid84, BW84, BW86, BPS86b, GH94a, Kis90, Mró97, Prz63]. **Substructuring** [Ber04, Dry91, DSW93, PW93, Smi92a, Smi93, Wid88c, Wid88b, BP04, BPS86a, BPS87, BPS88, BPS89, ERMD08, GHMR07, KW93, KLM02, Man90b, Man03, MR99, PW00, RL02, Rhe09]. **Substrukturtechnik** [Lan92]. **Successive** [LXZ03, Gus03]. **Suitable** [FM99, MGMC05]. **Suited** [Cia94]. **summation** [Sco94]. **Summer** [Lop94]. **Sums** [BM91]. **Super** [ZC95a]. **supercomputer** [Bab90, NN88]. **Supercomputing** [HPP88, IEE91, IEE93, HWP95]. **Superconducting** [ZC95a]. **superelement** [GLS07a]. **superlarge** [KCC89]. **supported** [BDS08, BFF96]. **surface** [Bru91, DM09, GEVO08, LL08, MPS05]. **Survey** [Tem88, Bre88, Bru95, CR85b]. **Switzerland** [GT94]. **Symm** [Dri99]. **Symmetric** [HE95, Wid92, AJT+99, BLP91, CDS04, CKL98, Ove88, PHR07, Sha90, Ste95]. **symmetrization** [Sha90]. **Symposium** [AFL96, CGPW90, CKM+92, Gee98, GGMP88b, GKM+91, GPS89, IEE94b, Lop94, Ano93, Ned95]. **synchronous** [LSL89]. **synthesis** [Bou90, Scr88]. **System** [ABBB94, Man90d, RGG06, TMS87, BHHA73, Cha06, CF99, DLN02, GLC89a, Kha08, LXZ03, Mej94, MGMC05, Pav99, SP08, SD04, SC96]. **systèmes** [LP98b]. **Systems** [Ben96, BP87, DV97, Don91, EES83, FR92, FGRS97, FGN91, GL81, GK91, HE95, Hes56, KK99, KG90, QL94, Qua90, RM88, Sch96, YHBM96, BZ96, Bog07, CDS04, Cha05, CLYZ99, EB99, FC94, GS10, GKR02, Gas92, He96, KKYxx, KGE89, KY89, KL90, Lag99a, Lag99b, Lay92, LT09, LP98b, MS05a, MN89, Mie88, MP09, NN87, PW00, Pop02, Prá93, Roz92, SS86, SSZ98, SV96a, SHJ89b, Zha92b, vdES04, van09].

Tailoring [FC94]. **Talk** [BCT99]. **tape** [KL90]. **Task** [ABBB94, PdOG99]. **tasks** [GW89]. **tau** [Zam89]. **tearing** [LP06, LJ06a, OSW06, Poh06]. **Technique** [BP87, CM91, CM92, ADC09, AF04, BZ96, BS92b, BEPS88, BP90, DDK06, Glo95, GM09, Hac03, Lai92, LCP97, LW98, LR00, Lü92a, Lü92b, Lü92c, MT86b, WW89]. **Techniques** [BMOV96, CP97, Ewi89a, ELPV93, FGRS97, KG90, NPY+97, Sch98, Tra00, AM06, ACM08, BRVC09, Bru91, DP08, DGP80, ELV88, Ewi91, FMW04, FSS06, FHW04, GH89, GHS99, GK88, Hac84, HKK05, Hei93b, Hop03, Hua04, KP90, KG87, KGE89, KW93, Kim94, KW00b, MSW98, Nep97, Ova07, Phi90, Phi92, PPŠ07, PS00, Qua87, RS01,

SSZ98, SAD+00, SPBV05, Sco94, VIT05]. **tekhnologiya** [Il′93]. **telegraph** [BA09]. **temporal** [AD96]. **temporelle** [AD96]. **tendencies** [BV92]. **Tennessee** [IEE94a]. **Tenth** [Koe01]. **teorii** [Ago90b, KO89]. **terms** [KGE89]. **Test** [DT91]. **tetrahedral** [Glo95, IAK06]. **Texture** [LG95b]. **TFETI** [DKV+10]. **TH** [HDY05]. **TH-domain** [HDY05]. **Their** [Du01, CDG+92, Gai95, Gu97, HM00, KG87, LP98a, NN87, SW97]. **Theorem** [Wid87, BH00b, Des91, Zha87]. **théorème** [Des91]. **Theorems** [NW91]. **theoretical** [KM01]. **Theoretically** [BDS08]. **Théorie** [Sob36, Neč67]. **Theory** [BY92, DW90, MB92, OR82, Prz85, QV91, Wid88b, Xu89, Abr08, Ago87, ARS95, BGS08, CZ96, CGZ97, CS98, FW01, FNS02, GG94, GO95, HXG01, Hsi00, Il′92, Kup99, KO90, MR94a, Neč67, Osw90a, PHW00, RSSV90, SST96, Sme89, Sob36, Tar94, Mat93b, Sam98]. **there** [Nov99]. **Thermal** [DDS89b, AMS09, DDS89a, Koj91, MR04]. **thermoelasticity** [GOD+07]. **thermomechanical** [AR03]. **thick** [GH90]. **thin** [CP96, CH06, Nep92, OX99, SD07, SR08, The98]. **Third** [CGPW90, IEE94b, SM98, MMO90]. **Three** [AIIV97, Bel04, BA04, Cai93a, CPR+03, Dry89, DW92a, DSW93, DW93b, GS92a, GS92b, HZ03, HF88, JN01b, Man89a, MB92, Man92c, MPS86, Ong89, Pas88b, PW93, Smi91, Smi92a, Smi93, TMS87, WLH97, Wid87, Ald09, Ber03, Ber04, Bes87, BH03, EE97a, Grü01, HB10, Hie05, JN03, Jun09, Kim07, KW02, KR06, Kuz89a, LJ07a, Man90c, MS05b, MGMC05, MMC06, Pas88a, PW00, RL04, SMT08, TRV91, Tos04, TV04, TV01, Zha92a]. **Three-Dimensional** [AIIV97, Dry89, DW93b, HF88, JN01b, MPS86, TMS87, WLH97, BA04, Bes87, BH03, Grü01, HB10, JN03, Jun09, KR06, Kuz89a, LJ07a, TV01, Zha92a]. **three-field** [Ald09, RL04]. **three-fields** [Ber03]. **Time** [DG07, DY02, PS10, Yu01, AV99, BGH+07, Bla92, Eng09, EL94, FHM05, Gan08, GEF05, GK02, HL96, IVA93b, KD92, LJ06b, MT05, MGC09, NZZ94, OS04, PHW00, RJ07, RY97, SC96, Su94, Ulb07, Vab08, VG05, WVE97, Yu99b, ZYD09]. **time-delay** [VG05]. **Time-Dependent** [DY02, IVA93b, SC96, Ulb07, Vab08]. **time-domain** [LJ06b, NZZ94, Ulb07]. **time-harmonic** [AV99, HL96]. **time-varying** [PHW00]. **Timely** [Den97]. **Timoshenko** [Leu99]. **tissue** [ARZ00]. **tomographic** [BBM00]. **tomography** [Grü01, HWP95, Koj91, WGZ+10]. **tool** [HG08]. **Topics** [KM01, BFG+03, HT91, Wir02]. **topography** [BA04]. **topology** [ERMD08]. **Total** [DHK06]. **Trace** [BGTV89, WL03]. **Traces** [BM90, MN88]. **traffic** [SAM10]. **transfer** [CH06, GVT03, N'K91]. **transformation** [KR06]. **Transient** [HB10, NPH09, OBG10]. **Transition** [Gar94]. **translation** [AL90a, AL90b]. **Transmission** [Ben96, LL00, MRS04, AJR+00, DH97a, DH98, LS05, PRL10, QX08, Stu10, ZY07]. **transonic** [PC97]. **Transparent** [LG95b]. **Transport** [ARZ01, BCG94, Abr08, Ago87, ARZ00, Gas93a, GG94, MB94, Sme89, SXyWX09, TAA03, WPT08]. **treatment** [CES00, GR07, TV01]. **treatments** [Kim94]. **Treecode** [Pri95]. **trees** [ARRS09]. **Trefftz** [HDY05]. **trekhmernoi** [KO89]. **Trends** [MR95]. **Tresca** [Kok08b]. **triangular** [DL01, LM07]. **trigonometry** [Gus03]. **Troy** [Lop94]. **tupleware** [Dou91]. **turbomachinery** [LL08]. **turbulence** [KLM02, Str96, TMNF01]. **Twelfth** [Mor90]. **Two** [AIIV97, AIIV98, Beu05, Cai93a, CGL01, DW94a, DKW08, Dry89, GP79, Kra09, MM89b, Man90c, MB92, OS04, Osw91e, Pas88b, Sar93, TK01, VTBK97, Wid89b, Yse90, Yu01, ARRS09, BCMP91, BRVC09, Bre95, BS00, BK06, Buf06, CMX09, CGM01, DDK06, DRGM04, EB99,

FML00, GVT03, GH94a, Hie05, ILW07, KL05, Kok08b, Kok09, KT05, Lai94b, LY08, LSS09a, LM06, MC05a, MC05b, Mur98, Pas88a, PR90, PP88, Poh06, Prá93, RS01, RL02, Sal04, Su94, SB89, SXyWX09, TV91, WZC10, sX96, XT04, XTW10]. **Two-** [AIIV97, Dry89]. **Two-Body** [Kra09, Kok08b, Kok09]. **Two-Dimensional** [GP79, Yu01, AIIV98, Beu05, ARRS09, KL05, LSS09a, LM06, PR90, RS01, Su94, SB89, TV91, WZC10, sX96]. **two-dimensions** [MC05b]. **Two-grid** [DW94a, CMX09, ILW07, MC05b]. **two-layer** [DRGM04]. **Two-Level** [CGL01, MM89b, Sar93, Cai93a, Man90c, VTBK97, Bre95, CGM01, FML00, GVT03, KT05, MC05a, PP88, Sal04, XTW10]. **two-phase** [DDK06, LY08, SXyWX09]. **two-point** [Lai94b]. **two-scale** [XT04]. **two-stage** [EB99]. **Two-time-scale** [OS04]. **Type** [BS92a, DW93b, DW93c, ELPV93, HP05, Kus97, Yse86a, Adž95, BGP89, Bog06a, Cha05, DV96, GLC89a, Hei03, Hua04, LMO99, Prá93, SSZ98, SXC02, Tos04, TV04, Yan10, Yot01, He96, Man06, QX06]. **types** [Tid92].

UAB [GKL+09]. **ULWC** [Hua90]. **Unbounded** [Gee98, DZ04, GZ02, Yu94, Yu96, Yu97a]. **uncertainty** [XT04]. **Unconditional** [SL06, Zhu10]. **unconditionally** [BA09]. **Unconventional** [AK04, FR92, HM00]. **underground** [BBTD05]. **undirected** [Per92]. **uniaxial** [KM03]. **Unified** [DW90, Her98]. **Uniform** [Ain96b, Bog02a, CC97, MS02]. **unilateral** [LS98, LS98]. **unilateral-contact** [LS98]. **Unit** [Hu05]. **unity** [GOS05, Hol03, Sar03]. **University** [IEE95, KX95, KX94]. **Unix** [RBS94]. **unsteady** [ALW99, CFS97, Kuz90b, NP01, Røn92]. **Unstructured** [Dag93, Man93, CFS97, CPS99, CZ94, CS94, CZ95, CZ96, CSZ96, CGZ97, CGZ99, DRSW04, DL01, GEVO08, HJ97b]. **upon** [HK96, MY07]. **upper** [KKS90]. **uprugosti** [KO89]. **upscaling** [BBTD05, HE98]. **upwind** [Fuj98, LY07, LY09]. **uravnenii** [EZK84, KS88, Lae92b, Lae92c, LL93a, Lae93c]. **uravneniya** [AS88, AS89, AS90]. **USA** [BBG+95, IEE96]. **Use** [Cai95, GM84, Bou02, HL91, Kim98b, SW97, Swa93, Zhu95]. **User** [Ban90]. **Users** [BHHA73]. **Using** [ABBB94, AL97, CP97, GHP10, MCL02, Mey90, NPY+97, SW90, TMS87, YSF03, AR03, AE07, AIV95, AIIV98, AFK02, BC07a, Bla92, Boy05, BFF96, CGRS01, CSZ96, DDK06, DRGM04, DNR09, Dua06, ERMD08, jFZ06, GY09, Hac03, Hei93b, Hua96, Jun97, KDBG95, KR06, KM03, KLM02, Krä05, LL88, Lt93, LVM88, Lit97, Luc88, MW04, MQ89, MN89, MB94, MT86b, NRWF08a, Nat95, Nat97, NZZ94, PC97, PGW09, Pri95, Qua87, SFNW02, SW91, Sco94, SAM10, VMP10, Zam89]. **Utilities** [CC95]. **utilize** [KT83]. **Uzawa** [Kok08b, Kok09].

v [AS89, AS90, Il′89, Kho88a, Kho88b, KS88, Zav82, BP91, Lop94]. **V-cycle** [BP91]. **validated** [AFL96]. **Value** [ABLS05, BIP01, BLP91, GK97, LM72, Nep86, Yse85, Yse86c, AQ04, AEZ00, Bra66, Gas93b, GM98, Geo99, GGL04, HTJ88, JK01, Lai94b, LW00, LB93, LOM98, Mró89, Nep84, QV91, Røn92, Sha94, Shi99, Ste96, Tut08, Vab90, Vab91, Yan02, YD04]. **Valued** [Ben95, KK03]. **Vanka** [Man06]. **Vanka-type** [Man06]. **Variable** [Cow93, JN99, AL90a, AIIV98, GVT03, Osw91c, SLC04]. **Variables** [Il'69]. **Variance** [YSF03]. **Variant** [DW87, DHK06, Lio90]. **Variants** [CMS92, CMS94]. **Variational** [AL90b, BGTV89, Dry81, EES83, Hsi00, KFK97,

SW93, Bad03, BDS08, DNS00b, DHSV02, DH05, GMH08, Lio99, LLS89, LLS91, Tai03, Tro96a, Zho97c, ZW05, BGT88]. **Variational-Difference** [Dry81]. **variationnelle** [BGT88]. **varying** [PHW00]. **vascular** [SP03]. **Vector** [Ben95, DDGM89, Haa97b, SV95, Des91, KK03, LJ06a]. **Vector-Valued** [Ben95, KK03]. **vectorielle** [Des91]. **Vectorized** [HF88]. **vectors** [CK08, LL88]. **Verfahrens** [Mor56, HLM93]. **Version** [Man92c, BCMP91, BPO95, HDY05, KI96, KJ99, Kor01, Man89a, Man90a, Man90b, Man90c, ML91, Pav91, Pav92, PW93, Pav93a, Pav93b]. **Versions** [ST98, AK88, Sar03, ST00a]. **versus** [CG88, KPW96]. **Vertex** [CM91, CMS92, CMS94, Hua01, Sha94]. **very** [CP96]. **VI** [BPMB00, DRV00, GOS05]. **via** [ABLS05, Bla92, BS93b, Che05, DGPT88, HSW00, Kho96, LB94, N'K91, Pas91, PS93, QLV91, Scr88, Tai94]. **vibration** [KN02]. **VII** [GL86]. **virtual** [GZW+00]. **viscoelastic** [BS08, JL08]. **viscous** [AL93, BFK+98, CW99b, DMPG83, DGPT88, DL01, GHS93, JG03, KW01, LCP97, LL08, Mar05, PR90, Phi90, QLV91, RHGT10, SS93, Xu96]. **viscous-inviscid** [Xu96]. **viscous-nonviscous** [AL93]. **viscous/inviscid** [LCP97]. **Visibility** [Wil92a, Wil92b]. **Vol** [GPS89, AP96, BPMB00, Bat01, CS98, FW01, JMM+94, LWT+03, Lip94, REB+92, Sam98, WB91]. **volnovykh** [Zav82]. **Volume** [LG95b, SFNW05, CHH02, CHH04, Cic96, DM09, DRGM04, ELLL99, FFN+02, LL09, PV08, RSN07, SFNW02]. **volume/finite** [Cic96]. **volumes** [HK02a]. **Vorkonditionierung** [HLM93]. **Vortex** [AG91, CWD08, OSCH00]. **vortex-in-cell** [CWD08]. **vozmushchenii** [AS88, AS89]. **Vychisl.** [AL90a, AL90b]. **vychislitelnoi** [Kuz85, Mar89b]. **Vychislitelnye** [Il′93, Mar91, Voe83]. **Vyp** [Mar91].

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