A Bibliography of Domain Decomposition

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Abstract

This bibliography records publications on domain decomposition.

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** [BCMP91, BPO95, KI96, KJ99, Kor01, ML91]. **-wavelet** [Fal03].

/II [Ano91].

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

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].

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,

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,

[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,

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].

[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].

[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].

[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**

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,

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