A Bibliography of Domain Decomposition

Petter Erling Bjørstad
Institutt for Informatikk
Høytidsenteret
Universitetet i Bergen
Bergen, Norway N-5020

Tel: +47-55544171
FAX: +47-55544199
E-mail: Petter.Bjorstad@ii.uib.no (Internet)

30 January 2019
Version 2.31

Abstract

This bibliography records publications on domain decomposition.

Title word cross-reference

1 [Lt93]. 2 [CJSS08, GHS93, HLM91b, Kra09, LC08, MCL02, Tal93]. 2nd [DHY03].
3 [BIP01, BM93a, BIA05, DGS01, Dry88, HK98a, JNo2, KY98, Kra09, Kuz99b, Kuz91a]. C1 [Osw89a]. c [MS02]. H [BPS04, Ain96a, Ain96b, GG03, Rac95, ST00a].
H(curl) [Hie03]. H – LU [BO07]. HH [GKB09]. hp
[BPO95, Kor01, Kor02, OPF97, SP03]. ILU [CGK94]. k [LP95]. k – ε [KLM02]. k × k [LP95]. k → ∞ [LP95]. L2
O(N2logN) [BBM00]. p [Ain96a, Ain96b, BGP99, BCMP91, Beu02, Beu05, Fal03, GOS05, KI96, KJ99, ML91, ST00a]. P1 [Osw93]. P1/P1 [ST00b]. P1 [Jia06].
Qn [Pav00]. Qn−2 [Pav00]. V [Kwa03, SX99]. W1/2(S) [Nep84].

-adaptive [Rac95]. -approximation [Sme89]. -body [GKS98]. -cycle
[Kwa03, SX99]. -D [Dry88, BIP01, BIA05, CJSS08, JNo2, Kuz99b, Kuz91a, Lt93].
-dimensional [Il’69]. -discretizations
[Kor02]. -FEM [Beu02, Beu05]. -Level
[MCL02]. -line [LP95]. -LU [GKB09].
-matrices [BPS04, Tar94]. -robust
[GOS05]. -type [BGP99]. -uniform [MS02].
-version [KJ99, BCMP91, BPO95, KJ96, 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, C89, Geo99, 
GH99, HPS02, KKYxx, KRW05, KHD05, 
LL08, SS98]. 3D-multibody [KHD05]. 3rd 
[BGPW89].

3-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, XCH96]. 
95 [AMM96, DDF10, Lit97]. 95i [CZ95]. 97 
[BKR+98]. 99 [BH00a]. 9th [Ano96a].

= [CG88]. 6yö [Ano98a].

Abhandlungen [Sch90]. Absorbing 
[EZ98a, EZ98b, TH01, GP01, JN01a]. abstract 
[GO95]. Accelerated 
[DH98, Che05, DH97a]. Acceleration 
[GKW90, BGD05, BWA92, DL01, Lai92]. 
Accelerations [GH03]. Accelerators 
[QFR03]. Accumulation [LG95b].

accuracy [WR09, Zho97a, Zhu10], accurate 
[BFK+98, Kop98, SRB01], accurately 
[BVVW97]. 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, EG90, Fal03, GRN99, GMCQR09, 
IL05, JN03, McC84, MT86a, MCR99b, PS00, 
Rac95, RSVV08, Tse00, WL03]. adaptivity 
[VPDH08]. Additive 
[Bja89, BDDV97, BDR00, Cai90, Cai91, C94, 
C95, CPZ00, DW87, Dry89, DW98a, 
DW91, DW92a, FL00, Hac91a, JN99, P91, 
PR95, BN07, Bre95, BPS04, CKY2, CDS20, 
CDS04, C96, DG70, FNS02, Geo96, GO95, 
Hua96, LO5, Mar07, MP08, Nab03, RXH05, 
SV95, Zho97c]. Additivnye [SV99a]. 

ADENA [Suz97]. ADI 
[AIIV98, JM06a, Ma96, Van93]. adjoint 
[TSu96]. Advanced 
[AB95, PB96, Rep08, 
BBC03, FDKN04, HW96, KL07, Mil93, 
NTT00, dCGQ06, 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, HCO3, LT03, 
Loh92, RL02, RL04, SB89, TT99b, TV93].

Advection-Diffusion-Reaction 
[BZ06]. advection-reaction [WVE97].

aeroacoustic [AF04]. aeroacoustics 
[DLPW02, USDM06]. Aerodynamic 
[Key95, PC97]. aerodynamics [CGK94].
aeroelasticity [BC07a]. age [GG08].
age-structured [GG08]. Aggregation 
[JKKM01, SST05, Sal04, SV96a].

Aggregation-Based [JKKM01, SST05]. AIAA 
[TV01]. air [Syd94]. airfoil 
[HMZ94]. Aitken [BGD02, GBD05]. 
Aitken-like [BGD05]. Aitken-Schwarz 
[BD05]. Akad. [AL90a, AL90b].
akustiki [Zav82]. Albuquerque [IEE91].

algebra [CDG95, CDG96]. Algebraic [AP96, Bol96, CGLO1, DDF10, HLM91a, Kuz98c, MS05a, FNS02, H0s7, KL90, LSS+9b, Pop02, Prá93, RMS03, Tar94].

algebra [Voe83]. Algorithm [Bab58, BDV96, BGT9V9, Cai90, CF88, CMS92, CMS94, Dan02, DS02, Dry81, Dry89, EWI1, JN02, SW09, Smi91, Smi92a, Smi93, TM9V9, YCC10, AL90a, ARIV97, Bal05, BSS04, BBM00, BP06, Bog06b, Bog08, BGT88, CHH04, Cha97, CCJ99, IC929, CH94a, DDD91, DV9+10, DLP9Y93, DZ04, FLS94, GEF05, GZW+00, HTJ88, IB04, H0s94a, JM06c, KM91a, KM92, KKS90, LAe92, LL97, LLC+06, LM06, MB10, Ø69, Ova07, PS93, Per92, RT606, SS66, Sat03, SHJ98b, SL904, Sob36, SR05, SB98, Tah92, TY07, Tu07, WZ10, WR09, WL03, Yan00, Yan02, YD04, Zha92b, Zho97c, Zho97a, Zhu95, Boy05, LC08].

algorithme [BGT88].}

alignment [SK09]. Allen [KK03]. almost [DW10, Kor01]. along [RY97, Ru98]. alternate [MC05b].

Alternating [DW87, Wid9b, AL95, AL96, GH94c, HR09, Hua96, Lio88, Lio89, Lio90, Lu999, Mat93a, Mat93b, MN85, Mor56, MB97, Rui93, ST94, TD07, YD04].

alternée [Lio7]. alternierenden [Mor56].

AMDis [RSV98]. AMG [Haa00]. analiz [Kuz88]. analiza [IL89]. analogue [Bra96].

analyses [Ru93]. Analysis [Ald09, Ano90, Ber03, BBH88, Bou90, BPV98, CR87, Cha97, DT91, Den97, DQ03, DLP902, DS9W3, DKKV95, ES96b, EWI1, Fac98, FGRS97, GMHR07, Hac91a, HM87, Hvi90, Prz85, RVY93, RVY97, Sal04, SF73, SB91, SW93, TMS87, Var62, ADC9, BPM90, BRV90, CRC88, Che88, jFZ06, GEV008, GW96, HW96, HS94a, HC92, Jia96, Jia06, JM09, Kok08a, LP94a, LLL, LWT+03, LJ07a, LT09, Man06, MS05a, Nor01, OBG10, PP04, Prz63, RG03, RKL89, Scr88, SHJ98b, qSN90, SLL94, ST94, Ta05, TT99b, The98, WY901, WAW88, WC03, WZ10, Wri02, XT04, Ano93].

angle [YD04]. angular [BM10].

anisotropic [BDR00, BP07, KN902, KN903, Rac95, ZD04].

annaling [PD099]. Aplicaciones [CGCH93, Ano91].

Aplicada [CGCH93, Ano91].

Aplicada/XIII [CGCH93]. aplicable [DPRW93]. Application [BS93a, Cai93b, CM91, ES96b, EWI1, GLPE97, Hol03, II91, JN01b, KDBG95, Nep91, Tiw00, Tr96a, Ago09a, ADC09, Car97, DDK06, DDS99a, Fra90, GP86, GJS10, yGJW09, HDY05, JN03, KR10, Krz05, Lop94, MR04, Nep84, OM97, QV91, Ron92, TMNF01, Vas92, BC07a, FNN+02, Sam98].

Applications [BM90, BM91, DGP80, GH01, HLM91b, HF88, JL91, LM72, Mil93, Wid87, AB95, AP96, BBM92a, BP08, BCL96,
4

BGS08, Bog07, BPWX91b, BBM92b, BBCM03, CP05, CDG+92, DGP84, DSV94, Ewi89b, FDKN04, FW01, GLS07a, Gu07, HT91, HK02a, Hsi00, IKM+99, Key95, KGTLO3, LW05, LWT+03, LB93, MR95, MWP01, NN87, NTT00, Pap89, PHW00, SAD+08, Sar03, SST96, Tar94, VWH01, Whitob, 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].

**appliquees** [CCCP91].

**Approach** [ABBB94, DG00, HLM90a, HLM91a, Pas88b, TMS87, TY98, AMS09, BBCH08, CMX09, Dou91, DL10, EG94, GNHR03, Geo99, HLM90b, Her98, HYD03, IAK06, KT96, LJO7b, Lit97, MDTC08, MQ88, NP93, PAF+97, PHR07, RMS93, SM07, WA03, XT04].

**approksimatsii** [Lap89].

**approximants** [MDTC08].

**approximating** [PS92].

**approximations** [AFL96, KMM91, Sch94].

**arrays** [RBS94].

**Arising** [Loh92, Tou01].

**arugorizumo** [Ano98b].

**aspect** [AH02, ML91].

**Aspects** [FL00, NZ99, Qua94, Wen06].

**ASPIN** [MC05a].

**assemblies** [OBG10].

**assumptions** [BPWX91a, MS07].

**Asymptotic** [Abr00, Kla98, PP04, Cor90, PV08, Scr88, SC96].

**Asymptotic-Domained** [SC96].

**Asynchronous** [GMH08, HM87, LLP01, LLP03, SC92, AA96, EB99, MGLS91, TTH99].

**atmospheric** [MSW98, WME95].

**Atomic** [PBL08, XGB10].

**Atomic-to-Continuum** [PBL08].

**Augmented** [Ago95, Ald09, DH05, LS95].

**August** [GT94, IEE94b, Lop94, PSB+94].

**automated** [Lit97].

**Automatic** [Dag93, Bab90, IAK06].

**Augmented** [Ago95, Ald09, DH05, LS95].

**B.** [Xu97].

**B.V.P.s** [HM91b].

**bacteria** [IU98].

**balanced** [CP05, DRSW04].

**Balancing** [ByS99, CM92, CMW93, CMW95, GG08, Gol03, HKD96, HN05, Man92b, MB92, MB96, PY03, TMV94, YHBM96, DMP98, LT09, MD03].

**Balcan** [Rat90].

**Barcelona** [PB96].

**bargaining** [SAM10].

**Barnes** [GKS98].

**Based** [An96b, MOVW96, BZ06, CA02, DD91, DD94, DG00, Du01, DY02, GLPE97, GL00, Haa97b, Hae91a, JK01, KK99, LG95b, SST05, TCK91, Yu01, AN95, ADP02, CPS99, Che97, CH09, ICS06, CH92, DS9a, DGK02, Dos95, DNS00a, DNS00b, DH05, DH97a].

**April** [LCHS96, PB96].

**APS** [GT94].

**arbitrarily** [GG03, LP94a, MT86b].

**Arbitrary** [SFM05, AR04, Lui09, XO94b, XO94a].

**ARC2D** [BB91].

**Architecture** [WAW88].
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, Liu99, LJ06b, LLS89, LLS91, MDT08, MKP96, MC05b, MY07, Par04, RMSS03, RTE06, Sal04, Sha90, Str96, SHS09, TD07, WVE97, Woh01, Yse90, Yu94, hY98, Yu99b, ZY07, hCD00, HK08.

Bases [Yse85, Yse86a, GTZ88, KI96, Osw89a, WST09]. Basic [BY92, Ste01]. Basin [FFN02, Kok07]. Bases [BDY88, BLB00, Ong89, Sch98, SW90, TCK91].

Battlefield [DMP98]. Bayesian [PHW00]. BDD [GS10]. BDDC [BCLP10, DGS07]. BE [HK96].

Beams [Leu99, QFR03, BM10, Leu98b]. Begründung [Mor56]. Behavior [GH01, CP96]. Belgium [DRV00, LCHS96]. Bellman [CFLS94, FLS94]. BEM [BP08, HST95, Kuh98, SST96].

Benchmark [HXA96]. BEM/FEM/GSM [BP08]. BEM/FEM/GSM [BP08]. Benchmark [HXA96]. bending [BCLP10, Bre95].

Bereichserlegung [Rat00]. Bergen [Ano96a]. Bernoulli [Leu98b]. Besov [Osw90b]. Besov-Sobolev [Osw90b]. best [JN01a]. BETI [BDS08]. Between [KNY98a, CG92, CH06, KN02, Nab03, Yu95]. bez [La92]. BGK [CDL04]. BI [HW90, MCC06]. Bi-CG [MMC06].

Bicubic [Bia93]. bicubics [MR99]. bidomain [MP09, SPBV05, SP08]. bifurcation [CCJ99]. Biharmonic [GP79, Osw92a, Wid84, Zha91, Zha92c, Zha92e, AE07, Bjo80, Bra66, Jia96, NMB10, Osw91d, qSnH09]. bilinear [Sch74].


Bitsadze-Samarski [Tut08]. Bitsadze-Samarski [JK01]. Bivariate [LG87, LS09]. Björstad [Xu97]. Blending [OSCH00]. Block [AP88, BP07, DD94, KKYxx, KAL07, KY89, Man98b, Tar94, Che05, EB99, Fra90, Kok08b, Kok09, KL90, LP95, Ma96]. block-ADI [Ma96]. Block-Centered [DD94]. block-parallel [Che05]. block-tape [KL90]. BLOPEX [KAL07]. BLT [WGZ+10]. Bodies [Dan02, DP09]. Body [Kra09, GKS98, Hua04, Kok08b, Kok09]. body-plate [Hua04]. Boltzmann [Cor94, CDL04, LY98, TM94, Tiw00].


Boundary [ABLS05, Ano89a, BIP01, BBKM01, BLP91, BPP07, DY02, Fen83, GL88, GK97, HW96, HS96, KRT91a, KR03, KST98, LL00, LZ00, LM72, LB93, Nep86, NP01, OSW96, Poh06, Ste94, TMS87, TP08, Yse85, Yse86c, ZZ02, AQ04, AEZ00, Ast78, BM01, BIM05, Bla00, Bog00, BB02, Bra66, CKL98, Cha97, Che97, CW99b, CM00, Dav01, Dos95, DD04, Dub01, EG09, EZ98a, E298b, EG94, GOD+07, Gas93b, GM98, Geo99, Gil01, GGL04, GP01, GW87b, GHS99, Gro01, GH94c, GZW+00, HT88, HXG01, HSW00, Hsi00, HC92, JK01, JN01a, JY01, Jia06, KRT91b, KMN93, KW93, KST01, KM91b, Kuh96, Lai94b, LW00, LP06, LGS7, Lin09, Loh92, LOM98, MST96, Mil93, Mor89, NR94, Nep84, Nor01, PWSB91, PP97, QV91, RG03, Ron92, RZ98, SD04]. boundary
[Sha94, Shi95, Shi99, Ste95, Ste96, SW97, SW99, Tha95, TV04, Tou01, TV01, Tut08, Vab09, Vab91, WB91, X094a, pY93, Yan02, YD04, Yn94, 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 [BBG95]. cable [LP94a]. Cahn [KK03].

calcium [NRWF08a, NRWF08b].

calcul [Tid92]. Calculation [TY98, HW09].

Calculations [BGTV89, DL01, LP86, Kuh98, SK92].

California [IEE94b]. canonical [Bog06a, Bog06b]. CANUM [CD08].

capabilities [ELL99]. Capacitance [Dry81, Dry82, Dry84, QL88a]. Capital [PB96].

cardiac [FF95, FPP04]. Carlo [ABLS05, AGLK08, ARZ00, ARZ01, N'K91, NS00, WLH97]. Cartesian [TT01].

Cascadic [BD97, BD96]. Case [DW87, GLPE97, MM89b, MM89a, NW91, QL94, WId88c, WId89b, BP04, Bjo89, Hua95, Hua96, Kwa03, Os94, ZH92].

casting [LPL00, LLP01, LPSL02, LLP03, LL01, Pie04, PLL05, TD08]. cathode [SXYWX09].

cavities [HW09]. cavity [BK87]. CEDAR [Ber89, BB91, Fra90, FGM90]. Cell [QFR03, WLH97, CH04, CWD08, ELV88, Kwa03, Mis94, SXYWX09]. cell-centered [ELV88, Mis94].

cell-centred [CHH04].

cells [AIIV98].

Center [DD94, ELV88, Kwa03, Mis94]. Centre [CA02]. centred [CHH04]. CFD [CP97, HG08, Nor01]. CG [HLM93, MMC06].

CG-Verfahren [HLM93]. CGBI [KW01]. Chain [Kus97].

Chained [HKD96]. challenge [Lit97].

Change [BGTV97, TCK91]. channel [yGJ09, KW01]. Chaotic [Hua97].

characteristic [ALW99, Cha05, Cha06, Li06, LY08, RY97, TJDE97, WVE97, Yan00].

characteristic-based [WVE97].

characteristics [ADP02, Rui98].

characteristics-based [ADP02]. Chast [EZK84]. Chausées [GGMP88b].

Chebyshev [DSS09b, Dev90, SK92, sX96].

chemical [Eng09]. Chimera [BPL03].

China [KNS99, SM98, Ano89a].

Chislennoe [EZK84]. chislennogo [II'89].

Chislennye [II'90, Kuz90a, Kuz92].

Chislennyi [Kuz88a]. Choice [IK95].

Choosing [Ste06a]. circular [KT96, Wu92].

circulation [MSW98, WME95]. Class [Sch96, Xu92b, AR04, FL05, LT03, LT09, Mie88, Rui93, Sch94, WS04].

Classes [II'69].

Classical [Wid89b]. Classification [LYK07].

Clifford [STJ04]. Climate [ABB94]. cluster [SV96a]. clusters [CP05, KW96].

CO [ACM01]. coarse [BDV97, CS95, CS96, DNS00a, DNS00b, FC94, HSW10, NV04, SAR03, VTB97].

course-space [DNS00b].

Cocoyoc [HK90]. Code [CP97, DRSW04].

Coefficient [CH91, MG05, GVT03, N92, Osw91c, SLC04, Su94].

Coefficients [BGTV97, N91, SAR93, TK01, AIHV98, BN07, Cha04, Cha06, DP05, GM91, IHW07, K502, LLP08, MB96, SAR03, Zhu08].

collaborating [MR94a]. Collider [ZC95a].

Colliding [QFR03]. Collision [WH97].

Collocation [Bia93, BD03a, Qua90, Bia92, Dev90, DHY03, KMH91, LV90, MDC08, MRI99, 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, PPRZ06]. 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, RT06, SD07, Vah91, XGB10]. composites [TG04, TP93, XT04]. Composition [Leb86, RT06].
Compositional [Fos96]. Compressible [Hes98, AKCHW01, CFS97, CPS99, CW99b, DW10, DL01, DN06, DL10, GO03, HXG01, Hes97, LL08, NP01, Tid95, Tou01, Yan00].
Computation [BL01, Boy05, BDG+97, Chi81, Gai95, Hop03, IU98, KMM91, Kop89, LP94a, NZZ94, PAF+97, PS88, PS93, Cor90, XCH96].
Computational [ARS95, AvdH92, BCT99, Bat01, BS93b, BK92, BGPW89, Cha88, Goe98, GLK+09, HM87, IOD98, KGT03, RSSV90, REB+92, Sat01, STDH02a, STDH02b, STDH02c, Tra00, VIT05, Wen06, WB91, AMS09, Cha89, DLW02, FL05, HCO2, HMZ94, KCC89, Key03, KRW05, KM03, KLO7, Mil93, PB96, TL88, MIL02, Ned95].
Computations [GV09, 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, Men88a, Men91b, WLH97, BT06, Geo99, Hei95, MB94, Meu89, PdOG99]. Computing [ACM01, BBG+95, BM91, Dan91, GL86, GLT89, GL90, Gro92, GT94, HK98b, IEE94a, IEE94b, LS09, AML96, AM06, BM10, CDG+92, DDGM89, DLM+92, DW94b, EJL92, jFZ06, GW89, GP86, GZW+00, KX94, La94a, LNT84, LCHS96, MLW01, 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, MRS94, SFNW05, Ast78, BM01, Bla00, CW99b, CM00, DH97a, DH98, Dub01, EZ98a, EZ98b, Gt01, GP01, GW87b, Gro1, HXG01, JNO1a, JMO6b, 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, XCH96, CLM89, LCHS96, Ano96b, Ano96a, Ano96c, DNN95, Koe01, LCW99, MMO90, MIL02, Mor90, Sam98].
Conformal [Dri99, Gai95, PS88, Pap89, PS90, PS92, PS95]. Conforming [Kar94, Kar97, Osv29a, BM93a, CH90, KP90, pLH93, MS05b]. Congrès [CD08].
Congress [CGC93, Ano91]. Congress [BGWP89, PSB+94, JMM+94]. Congressi [GT94]. Conjugate [GL89b, Hes56, KNGK04, Man90d, Mey90, SW93, Yse86a, CGPT05, CH93, COG76, DM89, Ewi89b, jFZ06, GAF09, MJC99, Men88b, PPS8].
conjugation [SD04]. Connected [Dag93].
Connecting [PBL08]. Conservation [Qa90, TW07, BPO95, HSS07].
Conservative
conserving [HB10]. Constant [CH91, MG05, AIIV98]. constrained [BGH+07, DD07, Ulb07].
constraint [BF03, constraints [For07, HB10, MD03]. Construction [CH92, DS99, BPS66a, BPS87, BPS88, BPS99, Hua01, Ovt93]. Contact [Ala07, Dan02, HF88, Kra09, DP09, DV96, DFS98, DNS00a, DGS01, DHSV02, DKV+10, Kok08b, Kok09, KS05, KHD05, LKY07, LS98, PGW09, IR08]. Contact/Impact [HF88]. contained [HC92]. contaminant [TAA03]. contamination [DL10].
continuation [CCJ99, Vas92]. continuity [WW89]. continuous [DKKV95, KD92, LPL00, LLP01, LLP03, LL01, Pie04, PLL05]. Continuum [HF88, PBL08, BFG+03, TKH09, XGB10]. continuum-to-atomistic [XGB10]. contrôlre [DFLR93, LP98b]. Contractivity [PAJ10]. Control [Ben96, CLYZ99, FMP+98, HN06, Kus97, LL00, Len99, BV92, Bou02, BL91, GH98, HN05, KS99, KD92, Lag99b, LL04, Leu98a, LP98b, SM07, SD04]. controllability [BDG+97, CGPT05, Lag99a]. Convection [Bog02b, Ca91, CK89, JN01b, JN02, Bog02a, BP06, BP07, Bog08, Bor05, CSX05, DDS89a, DDS89b, JN03, Kuz99b, KT94, Li06, LY09, MS02, RY97, Rui98, Tse00, Vab06, WC03, WY97, Zho97b, ZYD09, ZYD10].
Convection-Diffusion [Ca91, CK89, JN02, Bog02a, BP06, BP07, Kuz93, Kuz90b, KT94, Li06, MS02, Rui98, Vab96, ZYD10]. Convection-Dominated [JN01b, Bor05, JN03, Zho97b].
conventional [HM00]. Convergence [Bjo89, BPWX91a, BPWX91b, CGK90, CGK92b, CHL91, DP09, Du01, Hac91a, Jia06, KK97, Kok08a, LL97, LT09, MD03, MLB99, NN97, RY93, RL89, SST05, TT99b, TW07, Wid89b, Yse86a, Bal05, CZ96, Cha97, ICI93, CH94a, EB99, FNS02, FFS98, GHN99, Gu97, Kwa03, LP95, LSL89, Ma96, Osw94, SLLZ94, VTBK97, Wan01, Yu96, Zen96, ZZZS02]. Convergent [Sch96, GEF05]. converges [GG03]. convex [Caz97, TX99, FGRS07]. 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].
Cytogenetic [LYK07]. cytoplasmic [Kha08].
D [KY89, KR07, KR08, Lag99a, ARIV97, BIP01, BM93a, FLA05, CJS08, DGS01, Dry88, Geo96, GHS93, HK98a, ILW07, JY01, JN02, Kra09, Kuz90b, Kuz91a, Kwa03, Lag99b,Lt93, LJS06, LJ07b, LC08, LW07, PR95, TAL93, Yan10, Yu99a]. D-D [Yan10]. dam [LLP01]. Dame [IEE96]. d’Analyse
Décima [CD08]. dans [Sob36, Tid92, d’H92]. DAP [LL88, Wai88]. d’approximations [Tid92].

Darcy [CMX09, DQ03, DQV07, GS10].

Data [Ha997b, LS90, Bab90, BG91, BB91, CLM95, IL05, Jun97, KPW95, Nie09, OD93, Per92].

Database [LYK07, RM88]. databases [Don89].

datalog [Don89].

Davidson [GSv03].

DDM [DL10, LPP02, LMO99].

DDMs [CTD05].

Decisions [YSF03]. Decomposed

Decomposing [Don89]. Decomposition

Decomposition [ABLS05, Ago88, Ain96b, ARZ01, ABBB94, An96a, Bip01, BGT97, BJNN02, BL04, BP08, BCT99, BL00, Ben04, Ben96, BB00, Benu02, Benu05, Bia93, BD03a, BDV96, BMOV96, BW99a, BMS90, BS92a, BC94, BK01, BW99c, BS93, Bog02b, BGT97, BEP90, BEP92, BIA05, BZ06, Cai89, CG90, CGK92a, CW92, CGK93, Cai93b, Cai93a, CGK94, Cai95, CPR+03, CP97, CAL96, CR87, Cha87, Cha88, CH88, CG88, CGPW90, CGPW90, CM91, CH91, CHL91, CMS92, CKM92, CM92, CG92, CMS94, CA02, Cia94, CW91, CM92, CDG92, CWW92, CM93, DFD10, DS99, Dan02, DS02, DD91, DD94, DT91, Den97, Den03, DV97, DQV07, DKW08, Dr09, DPW86, Dry88, DW99b, DW90, DW93c, DG94, DG96, DG00, Du01, DY02, ES96a, EA96, Ewi89a, ELP93, FR92, Fen00, GFRS07, FL00]. Decomposition

[FM99, Gar94, GK97, GLPE97, GP86, GMP98a, GWP98, GMP98b, GKW90, GKM91, GI98, GI91, GI92, GS92a, GS92b, Gro02, GH01, GL00, GH01, HLM90a, HLM91a, HLM91b, Ha97b, Hac91a, HE95, HKD96, HNO6, He93a, Hem95, Hes98, HZ03, Hu05, KKK01, JN01b, JN02, JLO7, JG02, KRT91b, KK99, Kar97, KG98, KG90, KX95, KN98a, KST98, KDBG95, Kla98, KW00a, Kus97, Kuz98e, Kuz91b, LL00, LBCW99, LS09, Lar99, Leu99, LP94b, LCG+10, LMO00, LB96, MRS94, Man89a, Man92b, MB92, Man93, Man90d, Mar01, MR88, MCL02, Mat89, MPRW98, Mun98, Mun91b, Muy90, MPS86, MG05, MR92, MR94b, Mu95, Nep86, Nep91, NO90, NPY+97, OPF97, OL99, PS10, PBL90, Pas88b, Pav92, QL94, Qua98, Qua90, QPKW94, QSV06, RM88, RY93, RGG96]. Decomposition

[SFN05, SST05, Sch98, Sch96, SL06, Smi90, SW90, Smi91, Smi92b, SBGP98, ST98, Tai02, TMS98, TM98, TW07, TY98, TCK91, TK01, Wid99a, Wid99b, XZ98, YCC10, Yu01, YHBM96, Zha92, Zha92a, ZS01, ZS02, AQ90, Ad03, AA9+00, AK90, Ab96, AE98a, AE98b, ABR0, AARS09, AARRS10, AJT99, AR03, AE07, Ad94, AF85, AS86, AS87, AS88, AS90a, AL90b, ACG9, AT95, AD96, AG08, AL93, An96a, AL99, AR04, AJR+00, Al95, AM06, ACM08, AR0Z, AV99, ADC09, AAH06, AF04, AL97, AMS09, AK6W01, AI95, AP88, AF02, Bab90, BG91, Bad03, BIW94, Bad06, BBM92a, BJ01, BZ96, BS04, BWA92, BBCH98, BM89, BRC90, BK00, Ber03, Ber04, BK87, Bet07, BMS91, Bl92, Bl00, Bl04]. decompomposition [BB09, BBM90, BBR89a, BS92b, BS93a, Bog99, Bog00, BD01, Bog02a, BD03b, BP06, Bog06b, BP07, Bog08, Bo96, BW99b, BBR09, BO07, BB02, BGT88, BBBBB05, BVB97, BP90, BWPX91b, BPV98, BS90, BS91, ByS99, Bre99, BS00, BH03, BK06, BBM92b, BM93b, BDG+97, Bru91, Bu92, Bu98, BA89, CGK92b, CS96, CFL94, Co92, C91, CQ95, Car97, CKL98, CD95, CDG96, CGM01, CHH02, CHH04, CR85b, CR88, Cha98, Cha99, CES91, C94, CS94, CZ95, CS97, Cha04, Cha05, Cha06, CP05, CP96, Che88, CS98, CE96, CE97, CH09, ICS96, CC99, Chi81, CH92, IC939, CH93, CH94a, CH94b, CH97, Cie96, CMV+06, CW90, CW99b, CM00, CG94, Cot91, CM95, CF99, DS95a, DS96, DG07, DDD06, Dar04, Dav01, DDD91, DD92,
De 91, DS92, Dek01]. decomposition

[DDS89a, DDS89b, Des90, Des91, DS95b, DGP84, DP08, DGP80, DMPG83, DGPT88, DQ03, DP09, DV10, DW01, DL01, DLN02, DN06, DMR09, Doo91, Doo90, Doo95, DV96, DFS98, DNS00a, DNS00b, DGS01, Dou91, Dou92, DY96, DH97a, DH98, DH97b, DT07, DZ04, Dua06, DTH09, Ego00, EE97a, EG09, EHI*00, EZ98a, EZ98b, EG97b, ETV94, ETY98, Ewi91, ELL99, FEN+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, GQ96, GM98, GK09, GM91, Geo06, Geo99, GR99, GT88, Gk02, GVT03, GH98, GL04, GRW05, GPD83, GP85, GW87a, GPP94, GPSW97, GLP+06, GZ02, GJS10, GCMG90, GW87b]. decomposition

[GR06, GH89, Goy99, GLS07b, GKB09, Gra02, GK88, GH94a, GH94b, GH95, GH97, GHS93, GL00, GZW+00, yGJW09, GM99, Gus93, GHF90, GHF01, HLM90b, HL91, HLM92, Haa97a, Haa00, Hac84, Hac03, HT88, HB04, HS94a, He96, HK97, HK98a, Hei93b, Hei95, HJ97a, HRO9, Her98, HK+02b, HYD03, HDY05, HYS07, HB10, Hes97, Heu09, Hie05, HND06, HJS97, HZ93, HS94b, Hol03, HOK1, Hop03, HIRW05, HCH02, HC03, HS00, HC91, HC92, Hu99, HW09, HSW10, Hua93, Hua95, Hua97, Hua04, IP98, II*91, IL05, IVA93a, IVA93b, IBA02, IK95, IAK06, JK01, Jan07, JNO1a, JL08, JY01, Jia96, JN03, JM06a, JM06b, JM06c, JM06d, Jun09, JM09, Jun10, KPW95, KP96, KN02, Kau87, KR90, KL95, KP90, KT96, Kat94, KG87, KGE89, Key99]. decomposition

[Key03, KX94, Kho96, KM90, Kim94, Kim98a, Kin98b, 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, Kruo5, KHD0, Kuh96, Kuh98, KT05, Kurf93, KW08, KTS8, Kuz86a, KT87, KL88, Kuz88b, Kuz89c, Kuz89a, Kuz89d, Kuz98b, KKS90, Kuz90b, Kuz90c, Kuz91a, KN92, Kuz98, Kru02, Kva88, KN02, KP03, Lae92a, Lae93a, Lae93b, LG95a, Lag99a, Lag99b, LL04, Lai92, Lai93, Lt93, Lai94a, Lai94b, LCP97, LW98, LW00, LLP01, LPS02, LLP03, LLP08, 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, pLH93, LSS00a, LC08, LC04, LK98, LW07, LH90, Lin90, Lj06b, LR00, LLS89, LSL89, LSS91, Li92a, Li92b, Li92c, LM06, LM07, LOM98, LMM00, Lui99, LY98, LB94, MSY09, MS10, MvdV01, MW04, MST96, Man90c, ML91, MB96, MD03, MKM86, Mar89a, MQ88, MQ98, McC89b, MG91, MNW08, MB94, Meu88b, Meu97, Meu91, MGLS91, MC05b, MT95b, MY07, MGM05, MC06, MS90, ML97, MB99, Mrä98, Mrä97, MS02, Mur98, NK91, Nab03, NRWF08a, NPH09, NR94, NRdS95, NN97, Nat95, Nat97, NHD+03, Nep97, Nep07, Nep92, NP93, NMB10, OB10, OSM06, OM07, Ova97, Ove93, PAF+97, PdO99, PV08, PWSB91, PB94, PS88, PS90, PS92, PS95, Par94, Par04, Pas88a, Pas91, Pav99, Pav00, PS09, PT03, PY03, PRL0, PC97]. decomposition

[PR90, PPR92, PS07, Phi90, Phi92, Pie04, Pin92, PP04, PPS07, PAJ10, PS00, PGR07, Prä93, Pri95, QX06, Qua87, QL88b, QV90, QLY91, Qua91, Qua94, QV99, Rac95, RS01, RV04, RV05, RBY97, RG03, RHGT10, Roa95, Roe93, RP89, Rsl92, Ron99, Run96, Ry97, Rui98, RW92, SSZ98, SFNW02, SK09, Sal04, SV95, SV99b, Sas03, SIR08, Sbo91, SW91, SZB+07, SST96, Sch94, Scr88, Scr91, qSnH09, Sha90, Sha94, SC96, SLCO4, Shi95, SV96b, SAM10, SBG96, SR92, SC92, Ste94,
Ste95, Ste96, SW97, SW99, Ste05b, ST00a, SMT08, SS93, Stu10, Su94, SHS09, SXYWX09, SM10, Su97, ST00b, Swa93, Tai94, TT99a, Tai03, TRV91, TR93, Tal93, TMV94, TM97, TT99b, TV99, TB97, TD07, Tha95, Tho91, TY07, Tid95, Tor94, Tos04.

decomposition [TV04, TH01, Tru96a, 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, WLO6, 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, Zam87, Zen96, ZY07, Zha95, ZH91, Zha92a, ZH92, Zha93, ZL96, ZS00, Zha06, ZZY08, ZC95b, Zho97b, ZZZhS02, ZHL03, ZW05, Zhu95, ZZ02, ZD04, Zhu08, ZDY09, Zhu10, ZDY10, d’H92, d’H93, dCD00, ATO95, AD96, Agy98, BGT88, Des91, GGM00, LS98, d’H92, Mur97, Xu97, Des90, De 91, Tho91.

decomposition/fictitious [GPP94].

decomposition/upwind [Fuj98].

Decompositions [HSY04, BH00b, CC97, CH09, FW04, FRC+95, HK08, Hu04, NZ92, SL88a].
d’écoulements [Tid92]. Decoupled [MP90].

defect [BB84b, BC07b, DLPW92, Hac84]. Defined [II’69].
definite [GL81, CDS04]. deformation [PS91, NJ07].
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].

dependence [GG03].
dependencies [RM88]. Dependent [DY02, BIW04, IVA93b, SC96, Ulb07, Vab98, ZYD09]. depths [BA04].
description [BHHA73]. Design [ES96b, Ber89, WZC10].

designed [BS92a]. determining [Su94].
developer [IEE96]. Development [AGLK08, Tid01, BGOD02].
developments [GH97]. device [BS93a, CG94, LA93, LSS+99b, WZ89]. devices [AM06, LJI07a].
devoted [BP08]. diagnostics [BS93a].
diagonal [Man89b]. diagonalization [WK01]. Diakoptics [Lai94a].

Differenciales [CGCH93, Ano91].

difference [Bog06c, Dry81, Vab96, Bog99, Bog06a, Bog06b, BA90, Bra66, CHF94b, DDD91, Gra02, GH00, Hua90, Hua93, Kop98, KL88, Kwa03, Li06, LLI+99, LLI06, LLI+06, LY07, LY08, LY09, LM06, LM07, Mas87, MY07, MSW98, Mis94, Nep94, NZZ94, OSCH00, RTE06, TY07, TS01, Vab92, WZC10, WR09, WME+95, Zn95]. Differences [DD94, BCDM88].
different [BA04, Tid92, Tid95, Yu99b].

Differentiable [II’69]. Differential [BB84b, Ban90, BJN02, BCLP96, Ben96, Cai89, CGPW90, CKM+92, CW91, GGMP88a, GGMP88b, GKM+91, GKL+90, HM87, Joh87, LW07, McC89a, Men88a, NO90, Smi90, SGBP98, WS94, ARRS10, Bab57, BFH+95, BFM00, Bab05, BJ01, BL00, BT06, CQQ0, CE97, DS92, DFRW93, DY96, DTH09, FM+98, GN08, GWS7b, GR88, GH01, Hac91b, Hac92b, Hac92c, HDTC08, Men89, Qua91, QV99, RPY97, SCR88, TEM88, TV91, Xu09, ZZYY08, ZG87].

Differential-algebraic [Hos97].

Differentialgleichungen [Bab57].

cdifférents [Tid92]. diffuse [Grii01].

diffusion [Bog02b, BZ06, Cai91, CK89, HP05, JS92, Kla98, LMO00, ALW99, Bog92a, BD03b, BP06, BP07, Bog90, CQ95, CIC96, ETY98,
GKR02, Gas92, GTN03, GLC89a, HB04, HC03, Kha08, KPP09, Ku93, Kuz90b, KNT94, Ku09, LRH07, LT03, Li06, LY09, Loh02, MS02, N'91, NMB10, Par04, PF05, RS01, RL02, RL04, RY97, Ru93, Su94, SB89, TT09b, TV93, Tro96b, Vab96, WY97, XT04, ZY09, ZYD10.

diffusion-type [GLC89a].

dilemma [KW08].

dimensional [Fun88, LL08, Nov99].

Dimensional [Ago88, AIIV97, Dry89, DW93b, GP79, HF88, JN01b, MPS86, TMS87, WLT97, Yu01, ARR99, AIIV98, BDOP07, BA04, Bes87, Bou05, BHO3, DG07, EE97a, Gröt1, H110, JN03, Jn09, KL05, Kr06, Kuz92a, Lay92, Lj07a, LS99a, LM06, OD09, PR90, Poh90, RSO1, Stu10, Su94, SB98, TV91, TV19, TV01, WZC10, x96, Zha92a, ZY09, Van93, Hes97].

dimensionally [LBB10].

Dimensions [Bel04, Cai93a, CPR+, DW92a, DSW93, GS92a, GS92b, HZ03, Man02, MB92, Man92c, Ong89, Pas88b, PW93, Smi91, Sm92a, Sm93, TK01, BCMP91, BS00, Bu06, Hi95, KIM07, KW02, Liu99, Man90c, MS05b, MC05b, Pas88a, PW00, PW02, SM08, Tos01, TV04].

Direct [BA05, Ha03, HK05, PG03, GNHR+, KP90, Nce67]. directed [Per92].

directed-undirected [Per92].
directes [Nce67].

direction [AL95, AL96, MT05].

Dirichlet [Bör99a, Bör99b, Dry89, HLM09a, HLM09b, HLM10a, HLM10, HCM03, K09, Poi96, W29d, Yan02, Zha91, Zha92c, Zha92e].

Dirichlet-Signorini [NK92].

Dirichlet/Robin [HC03].

Continuous [BGT97, Nep91, Sar93, TK01, BPO95, Cha04, Cha06, DP05, DG07, GM91, GRW05, HSS07, ILW07, KW02, Krz05, Lae93a, LLP08, LT03, TV01, Sar0, dCD00].

Discrete [MRS04, Osv99b, BIM05, Fen07, He96, Hu99, MS02, Vas86].

Discretisation [Mat89].

Discretization [DV97, Woh01, Yse85, DP03, DW03, DP05, DGS07, DT07, FMW04, HRO9, MD08, Tu07, Yu96].

Discretizations [Ben05, Mar01, BM01, Bu06, Kor02, KR07, KR08, Mar07, MP09, Osv91d, PW00, Tid95, XZ99].

discretized [GH95, ST00b, Xu90].
dismantling [PS93].

dispersed [DDK06].

disperse [PS10, CJS08].

Displacement [ADP02, PY08, Yan00].

Disappearance [BBTD05].

Disconnection [Geo73, MB94].

Discontinued [BGT97, NEP91, AM06, ACM08, ARZ00, ARZ91, AB99, AF04, BIP01, BIW04, Bad06, BGT97, BJNN02, BL04, BP08, BCT99, BL00, Be04, Ben95, Ben96, BBCH08, BB06, Beu02, Beu05, Bia93, BD03a, BDV96, BMOV96, BW99, BMS90, BS92a, BCG94, BKK01, Bl00, BW90c, BS92b, BS93b, Bog00, BD01, B02b, BD03b, BW90, BB02, BGT89, BVW97, BEP90, BEPP92, BS90, BS91, BIA05, BZ06, Cai99, CG90, CG92a, CW92, CK93, Cai93b, Cai93a, CG94, Cai95, CPR+, CZ91, Car97, CP97, CAL96, CR87, Cha87, Cha88, CH88, CG98, Cha98, CGPW99, CK98, CGPW90, CM91, CES91, CH91, CHL91, CMS92, CMK+, CM92, CG92, CSV94, CMS94, Cha04, Cha05, Cha06, CP96, CEL96, CE97].

Domain [CGPT05, CA02, CH97, Cha94, CMV+, CW99, CG94, CW91, CMW92, CW92]
EG09, EHI+00, EZ98a, EZ98b, EG94, EE97b, ETV94, EY98, Ewi91, FNF+02, Fal03, FC94, FMT99, FLP00, FLM00, FL05, Fen98, Fen07, FMW04, FRC+95, Fra90.

domain

[jFZ06, Fuj98, FFS98, FQZ88, GL88, GOD+07, GNHR+03, Gas92, Gas93b, GG94, GGQ96, GMH08, GM98, GK90, GM91, Geo96, Geo99, GRN99, GK02, GVT03, GHP10, GGL04, GRW05, GJS10, GCMGRG09, GCP91, GR09, GH93, GH95, GH07, GH93, GHL00, GZW+00, yGjW09, GM09, Gus03, GFF90, HLM90b, HL91, Haa97a, Haa00, Hac84, Hac03, HTJ88, HB04, HS94a, HK07, Hei93b, Hei95, HJ97a, HR09, Her98, HYD03, HY10, HSS97, HB10, He97, HND06, HJ97b, HS94b, Hol03, HK97, HZ93, HS94b, Hol03, HK01, Hop03, HC98, HC02, HC03, HC91, HC92, Hu99, Hu04, HW09, HSW10, Hua95, Hua04, It91, 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, KR01, KM03, Koj91, Kok07, Kok08a, Kok08b, Kok09, Kon90, KKNR05, KI96, Kor02, KR07, KR08, KW00b, Kri05, KHD05, Kuh98, KT05, Kur93, KW08, KT83, Kuz86a, Kuz88b, Kuz90c, Kuz90d, Kuz92b, 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, LLY9, LL99, pL90, pLH93, LSS99a, LC08, LK98, LW07, L909, Lio09, Lj06b, LRL00, LSS89, LSL89, LSL91, LM06, LM07, LOM98, LMM00, Lui09, LY98, MSY09, MS10, MvdV01, MW04].

domain

[Man90c, MB96, MD03, MKM86, MQ88, MQ91, MC89b, MG91, MNW08, MB94, Meu91a, MC05b, MT86b, MY07, MGM05, MMC06, MS90, MLB97, MLB99, MS02, N9K91, N803, NRF08a, NPH09, NR94, NN97, NHD+03, Nsp92, NP93, NZZ94, NMB10, OBG10, OSW06, OMT02, Ova07, PAF+97, PDG99, PV08, PS88, PS90, PS92, Par95, Par04, PS09, PY03, FRL10, PR90, Per92, PS07, PH90, PH92, PAJ10, PHR07, Pr93, Pri95, QX06, QL88a, QLV91, Qua94, Rac95, RV04, RV05, RVY97, RG03, RHGT10, Roa95, Roe89, Roe93, Ron92, Ru96, LY97, RW92, SK09, Sal04, SV95, SS98, Saz03, SIR08, SW91, SST96, Sch94, Scr88, Scr91, qSnH09, Sha90, Sha94, SC96, SP01, Sh95, SV96b, Sh99, SR92, SC92, Ste94, Ste95, SW97].

domain [Ste05b, SS93, Ste10, Su94, SBSH90, SYXW90, SM10, Suz97, ST00b, Swa93, TJDE97, Tal03, Tal93, TM94, TM97, TT99b, TV99, TD07, TY07, TH01, Tr96a, Tru5, Tse00, TMNF01, TS01, Tsu96, Tut08, TAA03, Ulb07, USD06, 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, Zam98, Zen96, ZY07, Zhao95, ZH91, Zha92a, ZH92, ZL96, Zha06, ZC95b, Zho97b, ZHL03, Zhu95, ZDD02, ZD04, ZYD09, Zhu10, ZYD10, dCD00, Aoa96a, Des00, Des91, GGM00, HK+02b, KX94, LBCW99, Tho91, Xun97, dH92, HDY05].

Domain- [GGM00]. Domain-Decomposed [CK89, CR85a, Roe98, SS98].

Domain-Composition [BCT99, GLPE97, TRV91, ALb95, BO07, Fuj98, MG91, Des91, dH92].

domain-decomposition [Fuj98].

Domain-oriented [Gri94]. domaine [Des90, Des1, GGM00, dH92]. Domaines [De 91, AT95, AD96, Ag08, BGT88, LS98, Tho91]. domains [AB88, Ast78, Bon90, CH06, Cot91, GH90, GP01, Gri85, KRT91a,
Kar94, Kuz02, Lui09, MW04, Poh06, RTö06, Sch94, TS01, TP08, Yu96, Yu97a, Gee98.

**Dominated** [JN01b, Bor05, CSX05, ETY98, GGG96, JN03, WC03, Zho97b], **d’ondes** [Des91], **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, Poh06, Tos04, TP08]. **Duality** [Dos95, DNS00a, DNS00b].

**Duality-based** [DNS00b]. **duct** [CKY02].

**Dynamic** [GJS10, HKD96, LL00, Leu98b, Leu99, NPY+97, YSF03, Geo96, Gol03, GR03, KW99, KR06, KO90, MMRT02, Roe93, Sar03, Sob36, Zam92]. **dynamische** [Rat00].

**E.** [Bel44]. **Each** [Mey90]. **Easier** [DHK06]. **EBE** [HF88]. **ECMI** [BMPV08]. **École** [GGMP88b]. **economics** [Gus85].

**Ecuaniones** [CGCH93, Ano91]. **Edge** [TK01, Tos04]. **effect** [DM98]. **Effective** [TG04, KMN93, MDTC08, MMC06].

**Effects** [MR88]. **efficiencies** [FRC+95].

**Efficiency** [Kra09, HZ93]. **Efficient** [AEZ00, ARR81, BCM91, 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** [Knj98b]. **Eigenvalue** [MG05, Bet07, FDS99, GSv03, GCP91, KALO07, Kuz86a, Kuz86b, Ove88].

**eigenvector** [Nie09]. **Eighth** [GLT89].

**Elastic** [Dan02, CF99, DP09, Fen98, Hu04, OX99, VMP10, d’H93]. **Elasticité** [Sob36].

**Elasticity** [BH88, KW00a, Smi90, Sni92b, 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** [AA06].

**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, BGP91, 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]. **eigensolver** [CJSS08]. **Eigendecomposition** [CH91].

**eigensolvers** [Knj98b]. **Eigenvalue** [MG05, Bet07, FDS99, GSv03, GCP91, KALO07, Kuz86a, Kuz86b, Ove88], **eigenvector** [Nie09]. **Eighth** [GLT89].

**Elastic** [Dan02, CF99, DP09, Fen98, Hu04, OX99, VMP10, d’H93]. **Elasticité** [Sob36].

**Elasticity** [BH88, KW00a, Smi90, Sni92b, 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** [AA06].

**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, BGP91, 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]. **eigensolver** [CJSS08]. **Eigendecomposition** [CH91]. **eigensolvers** [Knj98b]. **Eigenvalue** [MG05, Bet07, FDS99, GSv03, GCP91, KALO07, Kuz86a, Kuz86b, Ove88], **eigenvector** [Nie09]. **Eighth** [GLT89].

**Elastic** [Dan02, CF99, DP09, Fen98, Hu04, OX99, VMP10, d’H93]. **Elasticité** [Sob36].

**Elasticity** [BH88, KW00a, Smi90, Sni92b, 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** [AA06].

**Electromagnetic** [WLH97, CJSS08, Hei95, Hop03, HW09, LJ06a, LJ07b, NZZ94, PRL10, SS98].

**electromagnetics** [HPS02]. **Electron** [TMS87]. **electronic** [BBCH08].

**electrostatics** [HS94b].
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, LL06b, LMM00, MR04, Man90a, Man90b, Man90c, Mar07, MD08, MQ88, MS05b, NK01, NC88, OSW06, Osw89b, Osw90a, Pav92, PW00, PY03, Poh06, PS00, Rae95, RX05, RHGT10, Rui96, RW92, SHJ89b, SX99, SXC02, SK92, ST96, Ste95, SW97, Str72, SB98, ST00b, Tem88, Tha95, The98, Tos04, TS03, Tu7, TP08, VPHD08, 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, BBKMO1, BCDM88, Boy05, BPP07, By99, BM93b, CMW95, DS95a, GHS99, GH95, GH97, HW96, Hie03, He05, Hua95, Hu96, HM00, KR08, LL88, LW05, ML01, MQ89, MO8+93, Osw91d, Osw92b, Os93, PRPZ06, Pav00, PS07, QV91, SX97, SK99, Ste94, SW99, Tho91, Tro96b, Whi00b, Tho91]. Eleventh [LBCW99]. Ellipsoids [PGJ93]. Elliptic [PRJ93]. Elliptical [GPS89, KX95, SAM10, Ano89a, GLT89]. Embedding [Pri95, CGPT05]. Embedding/controllability [CGPT05]. Emden [OD09]. employing [GM09]. Enclosed [KW08]. energetic [BM10]. Energy [QFR03, MD03]. engine [BW89b]. Engineering [GPS89, KX95, QPKW94, AGVL80, AAM06, CCCC91, GL86, GL90, GPSW97, HK+02b, KX94, SAM10, Auro89a, GLT89]. enhance [GHP10]. enhanced [Sar03, TS03]. entrant [RS01]. ENUMATH [BKR+98]. Environment [Ala07, Dan91, GGO8, Lum01, Pin92]. Environments [YSF03, MMC06, WA03]. EPS [GT94]. EPS-APS [GT94]. Equation [BGT97, Dri99, GP79, Lar99, MRS04].
Equations [Bab58, Ban90, BJNN02, BLB00, Ben96, BCG94, Cai89, Cai90, Cai91, CGPW90, CWW92, DD91, DV97, Don91, EES83, GGMP88a, GGMP88b, GKL92, GL00, HM87, Hes98, HZ03, JCL07, Joh87, Kla98, Kus97, LL00, MM89b, MM89a, MPR98, McCS9a, Men88a, NO90, PS10, Qua89, Sch06, SL06, Smi90, SBGP98, ST98, YCC10, ZS02, AAH98, Abr00, ARRS10, AD96, ALW99, AV99, ARIV97, AIIV98, AIIV00, Bab57, BFH95, BQ90, BPM90, Bal05, BJ01, BCLP96, BL00, Bla07, Bog07, BVW97, BT06, CFS97, CPS99, CFS94, CQ90, CKL98, Cha04, Cha06, Che95, Che97, CH94a, CH94b, Cic96, Cor94, Cot91, CF99, DW94a, DS92, DS95b, DHY03, DRGM04, DP98, DGP90, DMP93, DL00, DMO9, DPN90, DPRW93, DYP96, DZ04, DTH09]. equations [EB99, FMP98, FLS94, Fen98, Fen07, FH95, Fuj98, Fun88, GGM92, GQ96, GQS00, GPP94, GN08, GW87b, Gra02, GL69a, GK88, GRO7, GHL00, Hac91b, HST95, HL96, HK97, HL09, Hes97, He99, Hos97, HSW00, Hso00, HW90, Hua90, Hua93, JL08, KRT91a, KRT91b, Kat94, KG87, Kha08, KRO93, Kla06, Kor02, RO8, KK03, KL90, Kuz05, Kva88, Lae92a, Lae93b, LG95a, LL04, LW98, NT84, Lay92, LZX03, Lee06, LL97, Li03, LW06, LY09, LSS09a, LCO04, LB93, LH09, Loh92, LR00, Lu92a, Lu92b, Lu92c, LMM00, Lu99, LB94, MS10, MDTC08, MST96, Mar05, MN89, MT86a, Me94, Meu89, Mil00, Mis94, N9K91, Nec67, NC88, Pas91, PW02, PS07, Phi92, QLV91, Qua91, QV99, RS01, RL04, RV05, RVY97, Ron99, RZ98, Rui93]. equations [RY97, SM07, SV96a, SPBV05, SZB97, Scr91, Seq95, Shi93, SR92, Ste96, ST00a, Tah92, Tem88, Tid95, Tiw00, TKH90, Tor94, Tou01, TGSS10, TV91, Tro96b, TS01, VIA94, VW97, WW98, WS04, Xu96, Xu09, Ye98b, hY98, Zha92b, Zha93, ZL96, ZYY08, ZG87, Zhuo08, ZYD09, ZYD10, AD96, Nec67]. Equivalence [BY92, HM00]. equivalences [Sch05]. equivalent [KW93]. erasures [CK08]. Errata [Cor90]. Erratum [CZ95]. Error [Buf02, BTV09, FX04, HE98, Rep08, Rui93, Sch71]. Estimate [CGK90, Bu02, CGK92b, HE98, LSL99, Osw94]. Estimates [BP91, BX91, CMI39, Gu97, Osw91b, OL99, BPW91, BPW91b, FX04, KK97, Kur93, Osw99, Rep08]. Euclidean [LC08]. Euler [CPS99, DDK06, DL06, GIL01, Leu98b, Tiw00]. EUROPE [LCHS96]. European [DRV00, MMT90, JMM94, Lip94]. Evaluation [HXA96, MPS86, Luc98, MKP96]. Evolution [HE95, AIV95, HK97]. evolutionary [Bog98]. Exact [BDG97, LL00, HXG01, Lag99]. examinations [Lit97]. exclusion [BC96]. Exemplar [FRG97]. 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, KPP07, LSS09a, LJO6b, TD07, TL88, ZYD09, ZYD10]. Explicit-Implicit [SL06, ZS02, Lae93b, LG95a, LSS09a, ZYD09]. Explicit/Implicit [DD94, DD92, Bla92, ZYD10]. exponential [BDP07, OD09]. Extension
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, Il092, MvdV01]. factorizations [Il091, 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, MT69a, RJ07, Sco94, TD08, WK01]. FastLSM [RJ07]. fat [BIM05]. faulting [BMS94a]. Fictitious [DGK102, Kuz86a, Ast78, BK87, BGG97, GPP94, JG03, Kuz02]. Fictitious [DGK102, Kuz86a, Ast78, BK87, BGG97, GPP94, JG03, Kuz02]. field [Ald09, CW99b, HK96, Hop03, RL04]. fields [Ber03, Ber04, Hei95, MGMC05, MMC06]. Fifth [CKM92, GPS89, Hen90].

fiktivnykh [BK86]. filtering [MSW98]. filtration [AK04]. fin [MR04]. find [AL97, Mei94]. fine [KM03]. finis [AT95, LS98, Tho91]. Finite [Ago88, Ain96b, BGP89, BJNN02, BB06, BKK09, Bog99, BW90, CPR93, CHH02, Ch78, CW91, CMW93, Cow93, DD91, DD94, DPW86, Dry88, Dry92, DW91, DW92a, DW93b, EW91, FR92, Feng3, Fen00, Geo73, GP85, GW98, GKW00, HK02a, Hvi90, JN01b, JN02, Joh87, LL88, LCO04, LK98, LM06, LM07, Man89a, Man92a, Man92c, Mar01, Mat98, MB94, MOP93, NK01, OR82, OPF97, Osw91b, Osw92a, PB96, Pav91, PW93, Pav93a, Pav93b, RT75, SFNW05, Sar93, Sni92b, SF73, SB91, WAW88, Wid87, Wid88a, Wid89a, Wid89d, Yse85, Yse86b, Yse86c, AL95, AL96, AEZ00, A905, AT95, An96a, AGLK08, Ald90, BCP91, BJ01, BWA92, BHA73, Bes87, BDR02, BCD88, BC70b, Bra66, Bre88, CH04, Cha05, Cha06, CSX05, CH94b, Cio96, CMW95, DS95a, DDD91]. finite [DW94a, DM09, DSDS89b, DRGM04, DW93a, DPRW93, Dry84, EG09, EHI00, ELL99, FEN92, Fen98, FX04, jFZ06, Fuj98, GGM02, GLS07a, GY09, GEVO08, GG94, GAF09, GW87a, Gra02, GLC89a, GH97, KL90, Hei03, HDY05, HJ97b, Hu09, Hu95, Hu96, HM00, Jia06, JN03, Kop89, KJ99, KNGK04, Kuz05, Kwa03, LW05, LP96, LR95, LVM88, LS98, LL706, LJ06a, Lh07b, Ly08, LL89, LS89b, LH09, Lj06b, LMM00, LL09, Man90a, Man90b, Man90c, ML91, Mar07, MD08, MQ88, MQ09, Mas87, MS05b, MY07, MSW98, Mis94, NZZ94, NC88, Osw89b, Osw9oa, Osw91d, OSCH00, PV08, Pav92, PY03, PGW09, PS00, QLV91, Rac95, RHGT10, RSN07, RW92, SFNW02, NJ98, ST96, SK99, Str72, SB98, ST96, Tem88, TL88, Th98, Tho91, TY07, Tro96b, TS01]. fine [TS03, Tu07, Wai88, WZC10, WR09, WME95, Wh00b, Wh96, Wh97, XZ99,
finite-difference
[MSW98, NZZ94, OSCH00, Sam98].
finite-element
[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
[BS89].
fixed-point
[Bad06].
fixi
[AS89, AS90, Il'93, SV99a].
Flatland
[BM10].
flows
[Koj91].
flexible
[Leu98a].
Flow
[FL00, GH98, JKKM01, AL93, AJR+00, AMS09, BWA92, BFK+98, BGG+97, Bru91, CPS99, CTD05, DKD06, Dev90, DL01, DPLPY93, EE97b, Ewi98b, Ewi91, GEVO08, HW95, HG08, HXG01, HE98, HZ94, JL08, KKF97, Krz05, LL08, Mur98, NV04, OSCH00, PAF+97, PS93, RHGT10, Ron92, SP03, S93, TV01, Tu07, WPT08, Wu92, Yot01].
Flow-structure-thermal
[AMS09].
flows
[AKCH01, CKY02, CES00, CW99b, DGKL02, DM09, DGPT88, DL10, GHS93, KKF97, KLM02, Kop89, KW01, LL95, Man06, MPS05, NP01, Phi90, Tid92].
Fluid
[BCT99, Cha88, Fen00, FL00, Lum01, AK04, BC07a, BQQ09, Bat01, BS08, Bre85, Cha89, Cor94, CD04, DMM07, DGPT88, DL10, Ewi89b, Ewi91, FX04, FGGV08, GDP83, GP85, GS, Gus85, HMW06, HC98, HC02, JG03, Kha08, KW08, LL95, Man03, MNW08, Nrd95, PGJ03, QL89, Rah01, RHGT10, Ron92, Sat01, TR93, TM97, TL88, WST09, XG95, DD95, Mor90].
fluid-poroelastic
[BQQ09].
Fluid-Solid
[BQ09].
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
[UI98].
forme
[Rep08, Sch74].
Formation
[BGT88, BGT89, Sme89, AD96, Bet07, CPS99, HW09, KKP07, KMS90, KL05, LC04, LL09, Nat97, PGW09, RL04, Tro96a].
formulations
[GKS98, HK96, LKY07, Mat93a, Mat93b, TL88, Tid95].
Fortran
[DDF10].
four
[OD09, SB98].
four-color
[SB99].
Fourier
[ARIV97, BIA05, Cao92, qSh09, VIA94, Zha87].
Fourteenth
[DD95, HK+02].
Fourth
[TKM+91, He93a, CES91, Gra02, MD08, Tor94, KNS99].
Fourth-Order
[He93a, CES91, Gra02].
Fowler
[OD09].
Fractional
[DD20].
fracture
[DPLPY93].
fractured
[DPLPY93].
frame
[CK08, HB10].
framed-indifferent
[HB10].
frames
[CK08].
framework
[Fal03, IK95, KNN90].
France
[GGMP88b].
Francisco
[BBG+95, IEE94].
free
[Bru91, DM09, Dos95, GEVO08, HY10, Jia06, MPS05, PWSB91, Pas91, VPDH08, WB91, XO94].
French
[AT95, AD96, Ago98, BM90, BGT88, CCCP91, De 91, Des90, Des91, GGM00, LS98, Lio78, LP98a, LP98b, Nce67, Po96, Sb96, 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
[CP99, LJ07a, TT99b].
full-wave
[LJ07a].
Fully
[HF88, YCC10, KW08, N'K91].
Function
[BLB00, MR92, MR94b, ARS95, BA04, HSS07, LL09, Ows90a, PR07, RSSV90, Tai94, TS03, Vas92, Wen06].
Functional
[RM88, Rep08].
Functions
[BGP89, Il'90, AE07, BP06, 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]. **Gauss** [BH00b, TD07].

Gas
[BMS94b, BMS94a, CDL04, DDK06, Dub01]. **Gebietszerlegung** [HLM93, PS93]. **Gebietszerlegungsmethoden** [Ste96].

Gebietszerlegungsmethoden
[Ste96]. **General** [CH88, Ste01, Wid88c, CS96, HDY05, MSY09, MSW98, NC88, SSZ98, WME+95, BHHA73]. **Generalization** [SIR08]. **Generalizations** [GH03].

Generalized
[AL90a, BGOD05, Ulb07, CJSs08, CZ91, CH07, CG076, DW03, EB99, Gol03, yGjW09, He96, MvdV01, OD09, QV90, SS86, Wen04, Xu96].

Generation
[CP05, JG02, BFH+95, Glo95, IAK06, Lit97]. **Geometric** [SM07, LC08]. **Geometrically** [HC02]. **Geometrical** [HC02].

Geometric
[CH91, Hol03, Kha08]. **German** [Bab57, Mor56, PS93, Ste96]. **Germany** [AFL96, HWP95, PSB+94].

Gesammelte
[Sch90]. **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, CG076, Ewi89b, jFZ06, GAF09, KNGK04, MJC99, Meu88b, PP88].

granichnykh
[ezK84]. **graph** [AL97].

graphs
[ST96]. **Green** [BA04, Yu95]. **Grid** [BGT97, Ewi89a, GVT03, Hac91a, KP06, Shi99, Boy05, BEPS88, CMX09, CS95, Cot91, DW94a, DNS00a, EA96, FC94, ILW07, Jun97, Kup99, Lacs98, Lacs96, McC84, MT86a, MC05b, NV04, NZ99, SL1Z94, Shi93, WA03].

Gröbner
[GTZ88]. **Gropp** [Xu97].

Groundwater
[JKKM01, BWA92]. **group** [SHJ89b, TD07]. groups [Zha87]. **growth** [AR04].

GSM
[BP08]. **GSVD** [Bet07].

Guide
[Ban90].

h
[ST98, FMT99]. **höteishiki** [An098a, An098b]. **Hamburg** [PSB+94]. **Hamilton** [FLS94]. **hand** [FC94].

Hardy
[Sob98]. **Harmonic** [RRG06, AV99, BA04, CDS02, CDS04, Des91, HL96, Kho96].

harmonique
[Des91]. **harmonization** [SJMP10]. **hatten** [An098a]. **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, LB98, MRS04, Stub10, Tru55, TT01].

Hembibum
[An00]. **Hermite** [Bia93, MR99].

Heterogeneous
[AKCHW01, GK97, USDM06, ADP02, CTD05, EE97b, GNT03, GL97, HE98, KN03, LBB10, MGC09, NP05].

hiding
[MJC99]. **hierarchic** [Osw89b].

Hierarchical
[BDY88, Bor05, BIA05, Haa97a, Man90a, Ong89, Osw92a, Ova07, SW90, Yse85, Yse86a, Ain96a, B391, 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, FLM00,
GHF00, KKYxx, KY89, MDTC08, ML91,
WR09, SSH08]. High-order
[SRB01, AAII96, GHF00, MDTC08].

High-performance
[ABB94, IEE94a, LCHS96, SSH08]. higher
[IK95, Tahh92, Zho97a].

Highly
[AIIV97, KR10, BFK+98, DTH09, GVT03,
ILW07, LMR94, WAW88]. Hill [Des91].

Hill
[Ano98a]. HJB [Fen07]. HLRZ
[HWP95]. holes [MW04]. homotopic
[CSX05]. hp [TV04, FGRS97].

hp-approximations [TV04]. HP-Convex
[FGRS97]. HPCN [LCHS96]. HPF
[GLP97]. Human [PB96, NHD+03]. Hut
[GKS98]. Hybrid [DW10, FL00, Man93,
AR03, Ago95, AT95, Ald90, Bla07, BFK+98,
BM93b, CDL04, DP08, DL01, ETY98,
HD05, LL90, pLL90, TK09, Tu07, LS98].

hybrid-Trefitz [HD05]. hybrides
[AT95, LS98]. hydrodynamic [RSN07].

hydrodynamics [Ago86]. Hyperbolic
[BGS98]. Hyperbolic [DH05]. hypercomputing
[CC97]. Hypercube [MR98, Roe93].

Hypersingular [ST98, SMT08].

Hypertasking [Bab90]. hypre [KAL07].

IBM [HXA96]. ICCS
[STD02a, STD02b, STD02c]. ICCSA
[KGT03]. ICIAM [AM96, BH00a].

ICIAM/GAMM [AM96]. ideals
[GT88]. ideas [HJ97a]. Identification
[Ko89, SD07]. IFIP [PSB94]. 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, Liu92a,
Mat93b, MOP+93, Nat97, STD02b]. III

[BPS88, CGCH93, Eg000, HK02a, Hes98,
Lio90, Liu92b, STD02c]. ikh

[Kho88a, Kho88b]. ILU [CG93]. 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, GKH86, HW06, HBG87, KR06,
MT05, MNW08, MS90, PV08, Per92, YH03].

Implementational [NZ99].

implementations [LYK07, MKP+96].

Implicit
[DD94, GHF00, Mas87, SL06, YCC10, ZS02,
Bla92, CGKT94, DD92, FF05, IVA93b,
KL88, Lae93b, LG95a, LSSL90a, MP09,
N,K91, Nie09, R9d97, TL88, YZ90, ZYD10].

implicit-explicit [TL88]. Improve
[YSF03]. Improved
[SST05, ST05, TV01, Yan10]. impulsively
[Wu92]. inaccurately [BVW97]. Including
[BP91]. incompatible [MG93].

Incomplete
[II’92, II’91, KKYxx, MVdV01, M04].

incompressible
[BVW97, DMP83, DGPT88, DW10, Hua90,
Hua93, JG03, KLM02, KW08, LL95, LW06,
LC04, Lou95, LR00, Lu09, OS00,
PW02, Phi90, RHGT10, R09, S93].

Indefinite
[BP87, BLP91, CW92, ST98,
Xu92b, Yse86c, CW93, FL05, Heu99, LT09,
Sch74, SX02, ST00a, SMT08, XC92].

independent [VTB97]. index [HS07].

indifferent [HB10]. Indirect
[DHY03, HYD03]. Induced [Kla98].

Industrial
[BKK01, BMPV08, KP96, Lio00, SAD+00].

industry [M04, MM90]. Inequalities
[HLP34, Bad03, BDS08, DNS00b, DHS02,
DH05, KFK97, Lio99, LL89, LL91, T010].

Inequality [Bel44, Sob98, Zho97c, ZW05].

Inexact [KW00a, Mey90, ZC95b, vES04,
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].
komponent [BK86]. konechnykh [Lae93c, Zav82]. Kraevye [Kho88a, Kho88b].
Krylov [Key95, Tid01, GR03, vdES04, van09]. kuba [EZK84].

L [CR88, ICS06]. L-shape [ICS06]. L-shaped [CR88]. lagging [DG07].
Lagrange [BK06, CH09, DDK06, HK01, HSY04, JG03, KW99, KW00a, Kok07, Kuz02, LW05, LLPJ08, Man03, RHG70, SHS09, Swa93, VMP10].
Lagrangian [LS95, lLH09]. Lagrangians [DH05].
Laguerre [yGjW09]. L’Algorithm [Soh36]. Languages [Fos96]. Laplace [BW89c, BW89b]. Laplacian [LCG+10, Pap89].
Laplaca [EZK84]. Large [BKK01, ERMD08, FR92, GL81, HE95, HF88, KK99, Kus97, QL94, AD09, EB99, Ewi89b, Ewi91, GAF09, KGE89, LJ06a, LJ07a, LJ07b, MB08, SAD+00, TRV91, WEN04, van09].
Large-Scale [FR92, HF88, ERMD08, AD09, 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 [Adz95, Ask95, Ask98, DRGM04, PP04, TV04, TT01].
Layers [Gar94, Bog00, BD01, BD03b, HS94a, Mi93, Rah01, TH01].
layout [Roz92]. Learning [KDBG95]. least [GP95, Nio96, Pav99, Ye98a, Ye98b].
least-square [Ye98a]. least-squares [Ye98b]. Lectures [KL07]. Legendre [Adz95, yGjW09, HKL06]. Less [DKW08].
Level [CGL01, MM89b, MM89a, MCL02, Sar93, Yse86b, Yse86c].
Levels [CHH04, GH03, Lui09, SIR08]. like [BGOD05]. limited [MST96]. limits [LP98a]. limits [BDP07, LP98a]. line [LP95]. Linear [CDG95, CDG96, CAL96, DV97, EES83].
Load [DMP98, HKD96, MR88, YHBM96, DRS04]. load-balanced [DSW04].
Local [CM01, DT91, DV01, ELV88, Ewi89a, GK92, Hac84, KG89, Pav93a, Yu01, AN95, BEPS88, CK08, DMP98, GP01, Kuh98, Mie88, Mis94, Roe89, SLLZ94, WVE97, ZZ99, Zho97a].
locality [LP98a]. locally [RP89]. Locally [ELP93, NW91, Wid89a, Ain96a, BFF96, DRSW04, EL94, KAL07].
locally-adapted [DRSW04]. Long [HKD96, CP96, GH90, LL88, PS92].
Long-Chained [HKD96]. Lossless [RM88].
Lösungsverfahren [Ste96]. low-frequency [AV99, IBA02, SR08]. low-frequency [AV99].
Low [HKD96, CP96, GH90, LL88, PS92]. Low-Chained [HKD96].
LU [GKB09, MvdV01]. Lubrication [LKY07].
Lugano [GT94]. Lyngby [DW94b].
machines [KNG+93]. Macro [BM93b, Ald09, Bre95]. macro-element [Bre95].
MAFELAP [Whi00b]. magnetic [HK96].
magneto [AKCHW01]. magneto-plasma [AKCHW01]. magneto-statistics [Kho88a, Kho88b].
magnetostatics [KMZ90, Kuz89a, Kuz89b, Kuz91a]. magnitostatiki [Kho88a, Kho88b].
Mainstream [Key03]. Management [DS99].
manual [BHHA73]. Many [DW87, FC94, ZH92]. Maple [Lop94, LP94b].
Markov [Kus97]. Matrix [PS10, AK04, AJR+00, BQO09, Bru91, CJSS08, CTD05, CES00, DL10, DKKV95, GLP+06, KFK97, Mur98, NV04, Tu07, Yot01].
Matematica [CGCH93, Ano91]. Matematiche [II’90, Kuz88a, Kuz92].
Matemática [CGCH93, Ano91]. matematichesko [II’90, Kuz88a, Kuz92].
matemáticas [II’90, Kuz88a, Kuz92].
mathematics [AB95, AvdH92, BV92, BMPV08, Bre89, BK92, BBCM03, CCCC91, FDKN04, KNS99, KM01, Lip94, Lop94, MR95, NTT00, Whi00b, WDPW04, dCGQS06, BGPW89, JMM+94, KNS99, MM090, ML02, SM98].
Mathématiques [CCCP91].
Mathematische [Sch90]. mathematischen [Bab57]. matrices [Bor05, BPS04, CS96, LVM88, Tar94, Wai88].
matrixis [KJS88]. Matrix [Dry81, GV98, Ha9a79b, Jia96, Prz63, Prz85, Var62, Dry82, Ha3c, HKK05, KB08, Lae98, Lt93, LVM88, MIl00, N’K91, Nat97, Ova07, Ove88, QL88a, SAD+00, SHJ89a].
Matrix-by-Vector [Ha9a79b]. Max [KST98, KST01]. maximum [Hu99, Ove88].
Maxwell [AV99, HL96, HZ03, PS10, RGG06, SZB+97].
May [CLM89, IEE94a]. means [GHS93].
measure [AR04]. mechanical [TV99].
Mechanics [HF88, BFG+93, Bat01, DKKV95, GR06, HMW06, IOD98, KCC89, KL07, Lum01, MR95, PB96, Rho99, TM97, Wir02]. Media [PS10, AK04, AJR+00, BQO09, 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, SSO08, WME+95]. Mesh [CA02, FM99, Geo73, Gk92, JG02, KG89, LPL00, BFH+95, BPP07, GEVO08, LPP02, LM07, MN88, MN89]. Mesh-Based [CA02].
Meshed [Wi92b, Wi92a]. Meshes [Ai96b, Ca95, NW91, Wi89a, Ai96a, BC07b, CS97, CPS99, CH94, CS94, CZ95, CZ96, CS96, CGZ97, DL01, Glo95, KC88, ST96, VQ04, VMP10]. Meshing [BL04]. Meshless [Bla06, 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].
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, D JW93, DH98, Fen98, FX04, GGM02, GY99, GGL04, GW87a, LH09, Mat93a, Mat93b, Mr089, Nep84, Par04, PY03, Per92, Rui96, SS98, Ste96, Yan00, Yan02]. Mixing [BCDM88]. MLD2P4 [DDF10]. mnogomernykh [Lae93c]. Mnogosetochnyi [KO89]. Mobility [FB96]. mode [Bor90]. Model [MM89a, Nor01, BLP03, CPS99, CMX09, CDL04, DDK06, EE97a, FNF+02, HDY05, Hie93, KLM02, KNP03, MSM98, SXYW90, WME+95]. modeled [KB08]. modeles [Tid92]. Modeling [ABB89, BFH+95, BW89c, MR94a, ACM08, BW89b, Dan91, LKY07, LSS+99b]. modelirovanie [Il90, Kuz88a, Kuz92]. Modellierung [Rat00]. Modelling [BBTD05, KDBG95, BQQ09, BS93a, CG94, FNF+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]. Modifitsirovanny [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 [Ad98, Bog04, Bog06a, Bog06c, Bog07, Bog06b, BP07, Bog08, HB04, Kor97, MP08, Zen96]. monotonic [DH05]. Monte [ABL05, AGKL08, ARZ00, ARZ01, N’K91, NS00, WLH97]. Morley [Hua01, Mar07]. Mortar [GSP10, LWO5, Mar01, WPT08, AN95, AK97, AHP97, BF03, BP04, BDR02, DP03, DW03, DP05, ELL99, FHW04, GY99, HB10, Hu04, JT06, Kim07, LKY07, Mar07, MD08, PY03, PGW90, RX05, SXC02, SK99, TS03, Wid96, Wis97, GGM02]. mortar-based [LKY07]. mortar-type [SXC02]. Mortaring [HP05]. Moscow [AL90a, AL90b]. MOSFETs [AGKL08]. motile [IU98]. motion [JG03, PGJB03]. motivated [Scr91]. Motor [KDBG05]. moving [DDM07, HC98, WB91]. MP [Lai93]. MP/342 [MS90]. MRI [IEE96, MKP+96, Str96]. Multi [KST01]. 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, SHJ98b, SP03, SSLZ94, Yse90, ZH91, Zho97a, ZYD09, d’H93]. multi-color [SLZ94]. multi-dimensional [DG07, Lay92, ZYD09]. Multi-domain [VIA94, DDS89a, DDS89b, GMH08, SP03]. multi-element [KPR08, SHJ98b]. Multi-Grid [Hac91a, Jun97]. multi-lattice [PS93]. Multi-Level [MM89a, Yse86b, Yse86c, GKW90, Kuz90c, SSZ98, Yse90, ZH91]. multi-model [CP99]. Multi-parameter [RZ98, Zho97a]. Multi-Processeurs [De 91]. multi-processors [KR90]. Multi-scale [ADC09, SJMP10]. multi-structures [d’H93]. multiblock
multibody
[DKV+10, IP98, KHD05]. multicluster
[Fra90, FGM90]. multicontact [Ala07].
Multidimensional [AIIV00, Hes98, QL94,
HK97, LY07, LSL97, RSVV08].
Multidisciplinary [DG00]. Multidomain
[LP07, Tra96b, ARIV97, Gas93a, LV90,
Zam92]. Multifield [HMW06]. Multigrid
[BDY88, Beu02, CWW92, DRV00, FL00,
HT91, HS94b, Kra09, Kuz89d, KO90,
SXC02, Ta92, Vas86, Yse86a, ZH91, BWA92,
BM10, BD96, BD97, BPWX91a, CS94,
CN97, DL01, Dou92, FDS99, GZW+00,
HL91, Hei93b, JT06, KK97, Kon90, Kor97,
KK93, Kuz89e, Kwa03, Loy95, MC97, Mie88,
Sbo91, SW91, SP08, SX99, SR92, Tai03,
WC03, Yu97b, Hen90]. Multigrid/Domain
[FL00]. Multilayer [Lar99, GG08].
Multilevel [BY92, BPX90, BP91, CN97,
CSX05, DDF10, DW91, Go99, HM97,
IL05, Kuz89b, Kuz89c, Mcc89a,
McC99, Os91b, SP98, TB99, TCK91,
Xu89, Zha91, Zha92, Zha92e, AE07, AP96,
BBm00, C296, CE97, ETV94, Ggu94, GOS05,
JL91, LVM88, LSS+9b, Nex97, Os91c,
Os91e, Os92b, Os99, Tai05, The98].
Multimodel [TM97]. multiphase
[CES00, WPT08, Yot01]. multiphysics
[MP97]. Multiple [EA96, Tu208, GHP10,
GH94b, KPP99, SK09]. Multiple-grid
[EA96]. Multiplications [Haa97b].
Multiplicative [Bjo89, CW93, Bad03,
BPS04, FNS02, GO95, KPP07, NAB03].
multiplier
[BK06, JG03, Kok07, LLPJ08, SHS09].
multiplier-based [Kok07].
multiplier/fictitious [JG03]. Multipliers
[HSY04, Hu05, KW00a, CH09, HY10, HK01,
Hu04, KW99, Kuz02, LW05, PlL91,23,
Man03, RHGT10, Swa93, VMP10].
multipliers-free [HY10]. Multipole
[SBH93, CWD08]. multiprocessor [Ala07,
BG91, Bar89, BB91, SK90, WAW88, De91].
multiprocessor-computer [De91].
Multiprocessors
[AIIV97, HM87, GL88, IVA93a, Luc88].
Multiscale
[AH02, Kra09, Ala07, DP08, Eng90, GY90,
GLS07b, LL09, OBG10, SM07].
Multisplitting [Bru91, Cha97, EB99, Gu97].
Multisplittings [Whi87].
multistuctures [dH92]. MuPAD [HKM+97].
Mutual [BC96].
naleganiya [La92b]. nano [AGL08].
nano-MOSFETs [AGL08]. Nash
[SAM10]. National [CD08].
Nationale [GGMP88b]. Natural [DY02, Fen83,
Ast78]. Bes87, DNS00a, DNS00b, DZ04, IP98,
JY01, Lu09, Ste05b, Yu94, Yu95, hY98,
Yu99a]. naturally [DLPY93].
Nauk
[AL90a, AL90b]. Navier [ARIV97, Seq95,
AAH+00, AIIV97, AIIV98, AIIV00, BQQ09,
BVW97, BK06, CFS97, CMX09, Co91,
DQ98a, DV97, DGP80, DMPG83, FM05,
Fuj98, GQS00, GRW05, GPP94, GL00,
HG08, Hes97, Hes98, Hua90, Hua93, KT96,
KFK97, LW98, LL97, Li03, LC04, Los95,
LR00, LMM00, Lu99, Man06, Phi92, RV05,
SRR01, SR92, TM04, Tid95, Tou01, VIA94].
Navier-Stokes [Seq95]. nd
[HL91b, RT75]. nd-order [HL91b].
nearly [Fen98]. Nédélec [Hie03, Hie05].
nekotorye [Ago90b]. nekotorykh [La92b].
nelineinoi [Kho88a, Kho88b]. nepolno
[Kho88a, Kho88b]. nepolno-nelineinoi
[Kho88a, Kho88b]. Nested
[Geo73, MB94, Pin92]. network
[Don92, Par95]. networked [BMS94a].
Networking [ACM01, LCHS96]. Networks
[Leu99, Cha93, HWP95, Lag99a, Lag99b,
Leu98b, OD93, TAA03]. Netzwerken
[Rat00]. Neumann [DV96, PRZ06, Tal93,
BSS04, Bir99, Bir99b, DP09, DV96,
DW93b, GL00, GWS78b, HN05, HN06,
JMM06b, KM91a, KM92, PRZ06, Po96,
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, FGGV08, GR03, Key95, KT05, Liu03, MB94, Tid01].
Newtonian [PGJB03]. Nitsche [Hei93, FHW04, HP05]. Nitsche-type [Hei03].
o [Ano98b, Ano00, CZ95, TV01].
Nodal [BB06, TCK91]. Node [GCMGRG09]. noisy [Nie09].
Non [BM93a, BB06, BLP91, CTD05, CC97, BS02, Gil01, GR06, Liu09, LMO00, MR88, MS05b, OL99, PHR07, RVY93, SST96, ZS01, AJT+99, AR04, AIV95, BRVC09, BV98, BDG+97, Car97, CGM01, CHH02, CHH04, CSZ96, CH09, DV01, DZ04, GHNN99, GG03, GMH08, GT03, Haa00, Jia06, Jun97, Kok07, Kor97, Kuz98, LS95, LLL+06, pLhH93, LCO04, LOM98, LMO00, LMM00, Liu09, MS02, PS00, RV04, RV05, RVY97, SFNW02, Ste05b, Sus97, Tsu96, VMP10, WPT08, ZS00, ZZ02]. Non-Algorithmic [MR88].
Non-conforming [BM93a, MS05b, CH09, pLhH93].
Non-iterative [ZS01].
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, BV98, CGM01, DV01, DZ04, GHNN99, GG03, GT03, Haa00, Jia06, Jun97, LLL+06, LOM00, LMM99, LMM00, Liu09, MS02, RV04, RV05, RVY97, SFNW02, Ste05b, Sus97, ZZ02].
Non-reflecting [Gil01]. non-self-adjoint [Tsu96]. non-selfconjugate [ZS00].
non-smooth [Car97, Kor97].
non-stationary [CS04, 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, SX02]. nonconvex [Shi99]. Nonhomogeneous [LM72].
nonisothermal [KLM02]. noniterative [Jun10, NP93]. Nonlinear [Bog06c, DY02, GK91, HE95, Hei95, HF88, Kus97, QL94, Roe93, Sch96, Tai05, ARRS09, ARRS10, Adz98, Bog04, BP06, Bog06a, Bog06b, CKY02, DW94a, DH97b, EB99, GM98, GDP83, GP85, GJS10, GR03, Gru01, HTJ88, HB04, He96, HK97, HK96, HJ97a, KMZ90, KT05, LP06, Lee00, LH09, MB94, Mej94, MP08, MP09, N’K91, Osw90b, PAJ10, Sas03, Seq95, SC92, Tai94, Tre96a, Yu97b].
nonlinearity [AR04, BDPO07, OD09]. Nonlinearly [Lui03].
nonlocal [Tat08]. Nonmatching [Bel04, Hu05, SFNW05, BC07b, Buf02, EHI+00, HK98a, KL05, Kuz05, MS05b, TR93, Tal93].
nonnontors [Ste05a].
Nonnested [Cai95]. Nonoscillatory [SK92]. nonoverlapped [Lai92].
Nonoverlapping [BD03a, CG88, CG92, Den97, Den03, DLN02, Dri99, DG00, Du01, GM98, GH97, Haa97b, HZ03, HSW10, MRS04, RGG06, Rui06, XZ98, ALW99, BS00, BH03, CH93, DG07, DY96, ETY98, GRW05, GH94a, Hua04, Lio90, NN97, QX06, SIRO8, Yan96, Yu96, ZY07].
nopenhaurativ [XT04]. nonrectangular [Sch94]. Nonreflecting [Gro01].
Nonselfadjoint [Cai89, Cai90, XU92b, GH95, Hua99, Kis90].
nonshared [Mie88]. Nonsmooth [Kros09, Gri85].
nonstationary [AK90, Age90a, Vab96, Zha95].
Nonsymmetric [CGK92a, CGK93, CGK94, DV97, EES83, KG90, Wid92, Yse85, CW93, KGE89, LMR94, NN87, SS86, SHJ89a, SHJ98b, 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, Bj80, BS08, Bre89, Bre85,
BBM03, BT06, CMX09, CTU98, CES00, CH06, DRGM04, DY96, FDKN04, GP79,
GP87, GW96, GR07, GPS89, HT38, Hu05, Hua04, ILW07, Joh87, JG03, JM09, KO08,
Kim94, KD92, LL01, Man06, Mat93a, Meu91b, MT86b, NTT00, Pap89, PR95, PR83,
Sch88, SM89, Vah91, VVY01, ZG87, ZS02, dCGQS06, ADP02, BFH+95, BIM05,
BK06, CGO76, DDD91, DS92, DSV94, DGP80, DH05, DHO6, DPLPY93, GP85,
Hua90, IKM+99, KNS99, Kha08, Kva88, LNT84, MDTC08, MST96, NFW08a,
NFW08b, PS90, QL89, Qua91, RG03, Rod85, RKL89, Sc88, TD08, TP93, TAA03,
USDM06, Ano93, DDN95, KNS99, Mor90]. numerics [AFL96, BGS08, FW01].
Numerique [CD08]. numerische [Ste96].
O [LL93a]. Ob [Lae92b]. obemnykh [Kuz90a]. Object
[TY98, ZC95a, KKNR05, Lit97]. Object-Oriented
[TY98, ZC95a, KKNR05, Lit97]. oblasti
[Ago90b, BK86, Bul90, Lae92b, Lae92c, LL93a, Lap99, Nep90]. oblique [HR90].
observation [Sch74]. Obstacle
[Tai02, KK03, KNT94, Tar94, XS94, ZC95b]. Obtained
[Man90d]. OCamiP31
[CMV+06]. October [IEE95, KD92, SX94].
odd [Sme89]. ODDL.S [GEV08]. 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, AG07, GVT03, Haa97a,
HC92, Hu04, KMN93, Kho96, KNT94,
La96, Nat95, Nat97, Nep97, Nep99, Nie99,
Osw99, QV91, Tai05, Vas92, Yu95, Yu99a].
Optimal [Ben96, BC07b, Cai93a, Den03,
GH99, GP01, HN06, Leu99, MRS04, SD04,
Smi92a, Wi89c, Xu90, Zha93, AV99, Bou02,
C95, HN05, KALO7, Kor01, Lag99b,
LL04, Leu98b, Leu98a, MC97, SM07].
optimal-order [MC97]. Optimality
[DW89a, Roz92]. Optimisation [DFLR93].
Optimization
[DG00, Du01, GL00, Kom90, RMSS03,
BGH+07, BB91, DDD91, DSV02, ERMD08,
GH98, HLO0, HP02, Kok08a, Kor07, Lee00,
Lee06, LPP02, Roz92, TX99, Uib07, Ano96b].
Optimization-Based
[DG00, GL00, HLO0, Kok08a, Lee00, Lee06].
Optimized
[LCG+10, QX08, VG05, GG03, GSv03].
Order [CH88, Hei93a, Hem95, Ong99, RT75,
AAI96, Ast78, BM93a, BP04, Bra66, CQ90,
CES91, CEL96, CH94b, CM00, DHY03,
DPRW93, Fun88, Gra02, GFF00, GFF01,
HLM91b, HL09, KKYXX, KGE89, Kla06,
KY89, Kor02, Lag99a, Lay92, LB94, MC97,
MDTC08, Mar07, MD08, NPH09, Pap99,
PRL10, SRB01, SH93, SR08, Tor94, Yan02,
Ye98a, Zha93, ZS00, Zub10]. Ordering
[Wil92b, DM90, Wil92a]. orders [IK95].
Ordinary [BPM00]. Ordinaires [De 91].
Oregon [CLM89, IEE93]. Oriented
[TY98, GFF94, KKNR05, Lit97, ZC95a].
Orthogonal
[Bia93, BD03a, BM91, Shi95, Mor56].
orthogonalization [Man90a].
Orthogonalprojektion [Mor56].
oscillating [DTH09, ILW07]. oscillation
[CJS08]. oscillations [Bes77]. Oseen
[YL87]. Oseen-viscoelastic [JL08]. Otdel.
31

[AL90a, AL90b]. other [BPP07]. otsenke [Lae92b]. outer [Rod85]. Outflow [NR94]. overdetermined [ST94]. overhead [IBA02]. Overlap [BW89a, DW92b, DW94c, WGZ+95, BDV97, CDS02, CDS04, Hua95, Hua96, Pav00, Vab90]. overlapped [Che05]. Overlapping [Abd93, BJN02, BN07, BPS04, Cai93a, CS96, CW99a, CG88, CG92, CSZ96, DKW08, GS92a, GS92b, GH94b, HK01, KK99, Kuz91b, KN92, Kuz98, LMO00, OL99, PR95, QL94, RY93, 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, LL+06, Liu09, LOM98, LMO99, LMM00, Liu09, MGLS91, MT86b, MY07, MLB99, MS02, MP08, NN97, PR90, Rac95, RV04, RV05, RY97, STH96, 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, Men91b, Yu01, ZS01, ZS02, Abr00, ARRS09, ARRS10, AAI96, AIV95, Bla92, Bog99, BD01, BD03b, Bog04, Bog06a, Bog06b, Cha04, Ch05, Cha06, Che95, ICjZ93, CPZ00, DG07, DD92, DW94a, DT07, DMW01, EL94, GGM00, GMG02, GK02, GGL04, IVA93a, IVA93b, JM06b, JM06c, JM06d, Jun90, Lae92a, Lae93a, Lae93b, LG95a, Lae98, Lae96, Lee06, Li06, LY07, LSS09a, LH09, LM07, LOM98, LMO99, MSY09, MS10, MG91, Men91a, MP98, PAJ10, QQ08, 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, AIV97, ARIV97, BBG95, 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, Ge99, GH98, GKS9, GKI91, Gr92, Hac91b, HB04, HKD96, HK96, HJ97a, HZ93, HXA96, IEE95, IU98, JNO10, JNO2, JN03, JCL07, KN9+93, Kan87, KK99, KG90, KDBG95, KKKR05, LR97, LNT84, Li099, LLS89, LSS91, MS90, MC05a, Men91b, Mey90, MPS86, MY07, NRWF08b, NN92, NF97, OPA97, OPF97, PAF+97, PR95, PFO5, Pop02, QFR03, QLS88a, RBS94, Rhe99, RHT10, SW91, Sch96, SL06, SV96b, SHHG93, Sm93, SBGP98]. Parallel [Ste95, Str96, SM10, Syd94, The98, WLH97, WDPW04, Yan10, YH03, ZH92, ZS01, ARRS10, AGLK08, ARZO0, AAI96, AIV98, AI100, Bab90, BJ01, BPO95, Bl04, BB09, BS92b, BFK98, BA99, BS90, BS91, BDM89, BT06, CKL98, CD99, CDG96, Cha97, Che05, CWD08, DG07, DRSW04, DMP98, DP09, DDGM89, DLPY93, DPRW93, DMW01, ERCM08, FC94, Fra90, GRRN99, Glo95, Goy99, GKS98, GK88, GH94c, Gu97, GZW+00, Haa00, Hei95, HJ97b, IAI06, Kat94, KG87, KRO6, KR10, Kuh96, Kuh98, Lai94a, LPS94, LKY07, LL97, LSL97, LSS9+09, LP98b, Lou95, MT05, MvdV01, MJC99, MB94, Meu89, Mil00, MSW98, MMC06, NFP93, OBG10, PdOG99, PB94, PS93, Per92, Pm92, 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]. parallel [LP98b, parareal [PS93]. paralleler [LP98a]. Parallelisation [HLM93]. Parallel [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, Pra93, RZ98, Tru85, Zho97a]. parameters [AL90a, Nep99, SD07]. parareal [Bal05, FHM05, MT05, SR05, Ulb07]. Paris [GGMP88b]. Partial [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, HMS7, Joh87, Mc89a, Meu88a, N900, Smi90, SBGP98, ARRS10, Bab57, BFI+95, Bal05, Bjo11, BL00, BT06, CQ90, CE97, DS92, DPRW93, DY96, DTH09, FMP+98, GW87b, GK88, GGr07, GHL00, Hac91b, KG87, Kla06, Kva88, LL04, LNT84, Lay92, LB93, Li92a, Lü92b, Li92c, Ma96, Man90a, Meu89, PV08, Qua91, Qv99, RVY93, Scr88, Tem88, TV91, Xu09, ZZYY08, ZG87]. partially [DD07]. Particle [Cot91, ES96a, QFR03, WLM97, BM10, GOS05, TKH09]. Particle-grid [Cot91]. Particle-In-Cell [QFR03, WLM97]. particle-particle [TKH09]. particle-partition [GOS05, particular CP96]. particulate [DGKL02]. particelle [Bab57]. Partition [Sar03, GOS05, Hol03, IP98]. Partitioned [Dek01, Wid84, BW84, BW86, BPS86b, Dry84, Kis90]. Partitioned-GMRES [Dek01]. Partitioning [Dag93, Wai88, CGZ99, Che95, KPW95, KPW96, ST96, VAs86]. Passing [ABB94]. past [HMZ94]. patch [GHMR07]. patched [TB97]. patching [Hei93b]. Patrick [Murt97]. patterns [IU98]. PCG [PB94]. PDE [AM06, BGH+07, CGO76, DK06, GH03, HK08, MR94a, Ulb07]. PDE-based [HK08]. PDE-constrained [Ulb07, BGH+07]. PDE/ODE [AM06]. PDEs [AAI96, Bla92, Dar04, GLS07b, Hem95, IVA93a, JN01b, JN03, Kr90, KS99, LP94b, RVY93, Sch94, VG05]. Peaceman [LR95]. Penalties [BZ06]. Penalty [Hes98, AAh06, Bla92, Hess7, Lae93a, LTV01, LMat95]. pendula [JG03]. Penetrating [Tse00]. Pennsylvania [KK95, KX94]. pereobuslavicatelei [Kho88b]. perfectly [Rah01, TT01]. Performance [ACM01, ABBB94, IEE94a, IEE94b, LSS°98b, LL04, M96, M96, WME+95, mM04, GHP10, LCS96, MC05a, MSM98, PS90, Ste5a, SSH08]. periodic [SZB+07]. Perturbation [BS93b, LW07]. perturbations [OS04]. Perturbed [Bog02b, GKH97, HP05, Kuz91b, BS92b, Bog99, Bog00, BD01, Bog04, KL95, KPP09, MS02, Scr91, SC96, Shi93, Shi99, TS01]. PETSc [KAL07]. phase [Bla00, DK06, 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 [TG05, Shi99]. piecewise-smooth [Shi99]. pipe [TAA03]. planar [Bet07, ST96]. Planck [yGjW09]. Plane [Wid88b, K90]. plasma [AKCHW01]. plasticity [Car97, EG09].
Plate
[Mar01, TMV98, ADC09, BCLP10, Bre95, ByS99, Hua04, SD07, SX97, SR08, d’H93].
plate [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].
polyhedra [Wil92b, Wil92a]. polymer [SXyWX09].
polymer [SXyWX09]. Polynomials [Adz95].
polytechnic [Lop94].
poroelastic [BQQ09]. porous [AK94, AJ+00, Bru91, CTD05, CES00, DL10, KFK97, Muv98, NV04, Tu07, Yot01].
Portland [CLM89, IEE93]. Positive [GL81, CDS04, Tai05]. postanovke [Kho88a, Kho88b].
Posteriori [OL99, BRVC09, HE98, Rep08]. Postroenie [Kho88b]. potential [CPS99, KFK97, Kh096, KK03, LP06].
potentials [RTE06]. pour [AD96, BGT88, Des91, GGM00, LSV98, LP98a].
powerlookhnosti [EZK84]. practical [JL91]. practice [II’92, Key99, MR94a]. Prague [Ano96c].
Preconditioned [CG93, CG94, Eva94, Ewi89b, GLC89b, HW09, Kny98b, Mey90, Tsu96, BS08, Brv95, CKY02, CH93, DM89, Gra02, JC09, KM91a, KM92, KAL07, Lui03, PP88, SHJ98b, XC92, GAF09].
Preconditioner [An96b, BJNN02, Beu05, DRT1, JKKM01, JN01b, Os91a, QSV06, Smi92b, TCK91, Ain96a, AV99, Bre95, CDS02, CDS04, CH92, Dor91, GTN03, HJ97b, HC91, Hua01, JN03, KKP07, Kim07, LT03, LSS+99b, Ma96, MMRT02, MR99, Rac95, RXH05, Ro89, Os93]. Preconditioners [AN95, BPX90, CGL01, CR87, Cha87, DDF10, DV97, HN06, HF88, Mu95, Ong89, Os91b, Os91d, Pas88b, ST05, SR08, TGS10, WD07, AAH06, BCLP10, Ber04, BN07, Bla04, BO07, BPS6a, BPS87, BPS88, BPS89, BS00, Cao92, CGM01, CR85b, CR88, CES91, CE97, DP03, GS10, GCP91, HL91, HLM92, Haa97a, Hie03, Hie05, HC92, ILW07, KW93, KRP08, KYYx, Kri05, Meu88b, Os91c, Os99, 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, LAc96, LK04, Man96b, Man98a, Mis94, MR92, MR94b, Nep09, NP05, SAD+00, SPBV05, Zha92a, AP88, AFAK02, BCM91, BK00, BEPS88, DDS89b, DDS89b, DD07, Dos90, GKB09, Gus03, IK95, KI99, KW01, KNP02, LVM88, Man90a, Man90c, ML91, Mil00, Nep97, Sch05, Wai88, Zha93].
[BGP89, Bel04, Beu02, BS93b, Bog02b, Fen90, 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, DG97, De 91, Des90, Des91, DV96, Dry82, Dub01, FX04, FGM90, FDS99, GGL04, GP87, GJS10, Grue01, He96, Hie03, Hua04, JK01, JT06, KN02, KO88, Kim94, Kim98b, KL05, KM91a, KM92, Kok07, Kok08b, Kok09, KP99, KL88, KO90, KN92, KN03, LPL00, LPS02, LLP03, LV90, LLPJ08, Lee00, Li97, MR04, Mar07, MD08, MG91, MS02, Osw91c, Pie04, PLL05, Po96, QV90, Sas03, Sh95, Sob98, ST90, Tro96a, Tu08, TP93, WL06, Yan02, Ye98a, Zam92, ZD90, d’H93].

[BGT88, Des91, GGM00, LS98, LP98a].

Problems [ABLS05, BIP01, Beu05, BD03a, BH88, BW99, BKK01, BP87, BEPP90, BLP91, BEPP92, BZ06, CGK92a, CW92, CGK93, Ca93a, CGK94, CH88, CH91, CIA78, CMW92, DD94, DPW86, Dry88, Dry89, DW98b, DW90, DW01, Dry91, DW92a, DS93, DW93b, DY02, ELVP93, FL00, GK97, GW88, HS96, HO91, HP95, He93a, HSY04, HF88, JN02, Kra09, Kus97, Kuz91b, LL00, Leu99, LMT2, Mar01, Mat89, Mat93a, Mat93b, Meu91b, MPS86, Nep86, Nep91, Ong89, Pas88b, RT75, SM91, Sni92a, Sni92b, Sni93, Ste01, Tai02, TMV98, Wid84, Wid88a, Wid88b, Wid89a, Wid89d, Wid92, Xu92b, Yse85, Yse86c, Yn01, ZS01, AH02, Abr08, AL95, AL96, Abr96, AE98a, AE98b, AEZ00, ARS09, AJT+99, Adz98, Ag086, Ag087, Ag089, Ag090a, Ag091, 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, BT88, BW97, BSP96a, BPS86b, BPS87, BPS88, BPS89, BP90, BGG+97, CW93, CTU98, CQ95, CES91, CZ94, CS94, CZ95, CS95, CEL96, CE97, CGPT05, CSX05, CCJ99, CH92, ICJZ93, CPZ00, CM00, Cor90, DS96, DD92, Dev90, DGP84, DP09, Dos95, DFS98, DNS00a, DGS01, DKV+10, Dry84, DP03, DW93, DP05, DG97, DT97, DMW01, Eg00, EG09, ET98, ELV88, Ew91, EL94, FMT99, FLM00, FL05, FGGV08, FRSY96, For07, FW01, GM00, GEOOO8, Gas93b, GM98, GS98, GM91, Geo96, Geo99, GAF09, GK02, GTN03, GVT03, GR05, GP01, GDP83, GP85, GW87a, Gri85, GH94a, GH94b].
recycling [JM06d, JM09, MS10, Osw91d]. 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, Pavg93a, Wid89a, 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].

Regression [JH91, Des91].

Relational [RM88]. Relationship [CG92, Yu95]. relatives [HM00].

Relaxation [Wan06, EB99, FQZ88, GH99, GG08, Kok08b, Kok09, KKS90, MQ98, Mar05, Tar04]. Relèvement [BM90].

remarks [Lio00, Osw91e]. Rendering [LG95b].

Reisselaa [Lop94].

representations [Osw89b]. reprojection [BBM00]. Research [HWP95, Lip94].

Reservoir [BMMOV96, CMW92, PR95, DS95b, EE97b, GEF05]. reservoirs [DPLPY93, HE98]. resheniya [EZK84].

resheniya [Il'93, Kho93a, Kho88b, KS88, Lae92b, Lae92c, LL93a, Lae93c]. residual [Gus03, SS86]. Resolution [Hu05, De 91, De 91]. resonator [Bes87]. resources [EB92]. restoration [BZ96, XTW10]. restricted [CDS02, OT94, FNS02]. Resulting [BP87].

Results [CHL91, DW93c, Mat93a, BM89, KRW05, Kup99, MST96, NH90]. 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]. Roach [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 [N9K91]. row [BS90, BS91].

s [LL93a, Nep90, DL10, Lai93]. S-MP [Lai93]. s`uchi [Ano00, Ano98b]. Saddle [HSY04, BO07, PW02, RW93].

Saddle-Point [HSY04]. Samarski [Tut08].

Samarskii [JK01]. San [BGG95, EEE94b].

SAS [Che88]. SC2001 [ACM01]. SC2003 [ACM03]. Scalabilities [DHSV02].

Scalable [AIIV97, DKL9+10, GKS98, IEE99a, IEE99b, NF97, BDS08, DH05, FMT99, FLP00, Key99, KR10]. Scalar [Don91, TW07, Kim98a]. Scale [BKK01, FR92, HE95, HF88, QL94, AD09, ERD08, Ewi89b, Ewi91, GAF09, LJ06a, LJ07a, LJ07b, OS04, SJMP10, XT04].

Scaling [PS09]. SCAN [AF99].

SCAN-95 [AF99]. Scattered [LS09, BG91, IL05, Nie09]. scattering [BP08, BB02, DG97, CJSS08, HL96, HK98a, HW99, Man03, NZZ99, SIB90].

scenario [HND06]. Scheduling [YSF03, BC96]. Scheme [Dry81, MCL02, Yu01, BIM05, BA09, CHH02, DP09, ET98, FFF97, HR09, Hua90, IP98, KT05, KL88, PP88, PFR07, RT96, XS90].

Schemes [Bog06c, BLP91, Hes98, Kar97, AEZ00, Ald90, Bog06a, Bog06b, Dar04, DRGM04, Gra02, Gus03, Hes97, Li06, LY07, McC89b, MY07, SV95, Vab96]. Schmidt [Bel44].

Schr"odinger [He96].
Schrödinger-type [He96]. Schur
[Bre99, CGL01, CG88, CG89, DS95b, HKK05, HK08, Man89b, Man90d, NPH09, PRPZ06].
Schwartz [AL90a]. Schwarz
[CG88, DS95b, DS96, HKK05, HK08, Bre95, BPS04, Cai90, Cai91, CW93, CFS97, CKY02, CDS04, CJS08, CS98, CW99a, CG88, CZ94, CZ96, CSZ96, Cha97, Cow93, DW93b, Dry99, DW92a, FNS02, GHN99, GG03, Gan08, GSv03, GO95, GS92a, Gh91a, HS96, HK97, HK08, Hie93, Hua96, Key95, Key99, Key07, Key09, KNT94, LW00, LS05, Lio78, Lio88, Lio89, Lio90, Lui99, Mar07, MS05a, MS05b, MS07, Mat93a, Mat93b, MN85, MLB97, MP08, MP09, Nab03, NMB10, Pav91, Pav93a, Pav93b, PR95, QX08, RXH05, Rod85, RKL89, Ryu93, Ry97, Sar93, SP08, sNh09, Sko92, Sb93, ST94, Tid01, VG05, Wd99b, Wd92, pY93].
Schwarz
[CG88, DS95b, DS96, HKK05, HK08, Bre95, BPS04, Cai90, Cai91, CW93, CFS97, CKY02, CDS04, CJS08, CS98, CW99a, CG88, CZ94, CZ96, CSZ96, Cha97, Cow93, DW93b, Dry99, DW92a, FNS02, GHN99, GG03, Gan08, GSv03, GO95, GS92a, Gh91a, HS96, HK97, HK08, Hie93, Hua96, Key95, Key99, Key07, Key09, 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, Ryu93, Ry97, Sar93, SP08, sNh09, Sko92, Sb93, ST94, Tid01, VG05, Wd99b, Wd92, pY93].
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 [LB96, LB94, MLB97, MLB99]. Singularly [BDOP07, BS93b, Kuz91b, TS03, Che97, Heu99, LXZ03, LW07, MS05a, OS04, ST00a]. simulator [AGLK08]. Sinc [LB96, LB94, MLB97, MLB99]. sinc-Galerkin [LB94]. Singularly [BDOP07, BS93b, Kuz91b, TS03, Che97, Heu99, LXZ03, LW07, MS05a, OS04, ST00a]. singularities [Hei03]. singularity [LB96, LB94, MLB97, MLB99]. Singularly [BDOP07, BS93b, Kuz91b, TS03, Che97, Heu99, LXZ03, LW07, MS05a, OS04, ST00a]. simulator [AGLK08].
TT99a, VTBK97, WVE97, Xu92a, Yu99b, zZzhS02. Space-Time [Yu01, GK02, WVE97]. Spaces [Ago88, Wid87, Yse85, Yse86b, Yse86c, BH00b, BDV97, Cha93, DW93a, Oswe90b, Ow90a, Sar03, Yse90]. Sparse [GL81, KK99, Kup99, CS96, EB99, Gus03, KGE89, KYxx, NZ99, SSZ98, SAD00]. Sparsity [NN88, For07]. Spatial [NPY97, WA03]. Spatio [AD96]. Spatio-temporal [AD96]. SPD [KK99]. special [HT91]. Spectra [BM01, CF88, CQ90, GQS00, Hei93b, HC92, Kar97, KPR08, KR07, MG05, Phi90, Qua90, ST96, TV93, Adz94, Adz98, AIIV00, BP08, BM93a, BM89, Boy05, CS96, Kop99, CR90, Kup99, LV90, LP07, LR00, Nat95, Nat97, Pas91, PRFZ06, Pav00, PW00, Qa87, QL88b, SR01, SP03, SK92, Tse00, TMNF01, Wid96, Wid97, WK01, XG95, Zam89, Zam92, Zam87]. spectral-element [Bla07]. spectral/ [SP03]. Spectrally [KW93]. spectrum [GCP91]. Speed [Yse86a]. spectrallykh [KS88]. Sphere [ES96a, YCC10, Bla07, BFF96, TGSS10]. Spherical [LCG10]. spheroidal [Boy05]. Spline [Bia93, BD03a, LS90, BZ96, LW98, Oswe90a, Oswe90b, SR08]. spli [LL08]. Splitting [DS02, LSL97, Yse86b, Yse86c, BK06, Che95, Che97, CPZ00, DG07, FLS94, GGM02, GK09, HL09, PAJ10, SLL94, TJDE97, Yse90]. Splittings [MPRW98, LVM88, Whii0a]. spots [IU98]. spots-and-stripes [IU98]. SQP [IU07]. square [Ye98a]. squares [GP85, Nie09, Pav93, Ye98b]. SSOR [KKYxx, KY89]. SSSR [AL90a, AL90b]. stabilised [Bu02]. Stability [RG03, Ru97, SL06, SR05, Abr00, Bal05, Zhu10]. Stabilization [BBM92a, BBM92b, BK00]. Stabilized [Bel04, ZS02, Ber03, LSS09b, LMM00, RL04]. Stable [Hes98, JN01b, ZS01, BA09, Hes97, Jun10]. stage [EB99]. staging [GW89]. started [Wu92]. State [GKL09, IEE95, KX95, KX94, ALW99, Cha93, LRH97]. state-spaces [Cha93]. states [Cor90]. static [KR03, LC08, TV91]. static-regridding [TV91]. stationary [AE98b, AZ00, LCO94, LMM00]. status [Tem88]. Steady [RV05, KT96, LRH97, Man06, Ron99]. Stefan [KL88]. Stefana [Lap89]. Steklov [AN95, Ago88, Hua04, Nat95, Nat97, QV91, Yu95]. stepping [RY97]. steps [MG09, Yu99b]. Steuerung [Rat00]. stiffened [d'H93]. Stochastic [JCL07, CLYZ99, Eng09, GAF09, JC09, KD92, Lio78, PT03, ZZY08]. stochastique [Lio78]. Stokes [AAH00, AF89, AIIV97, ARIV97, AIIV98, AIIV00, BQQ09, Bel04, BVW97, BP90, BK06, CF97, CMX90, CZ91, CH94a, CH97, Cot91, DS96, DSS90, DV97, DGP80, DMP83, DQ03, Dis05, DQV07, DN09, FHM05, Fu98, GS10, GQS00, GRW05, GP79, GPP94, Gol03, GL00, HGU8, Hes97, Hes98, Hua90, Hua93, JT06, KT96, KFK97, KL05, Krz05, LW98, LW90, LL97, Li03, LW96, LCO04, Lon95, LR00, LMM00, Lui99, Man06, Pas91, PW02, Ph02, Qua90, QV90, QLV91, RV04, RV05, Ron99, Sec95, SRB01, Sob98, SR92, ST00b, TM94, Tid95, Tou91, VIA94, Ye98b]. Stokes-Mortar-Darcy [GS10]. Stokes/Darcy [CMX90, Dis05]. Stokes/Navier [Li03]. Strategy [CA02, BPO95, MPS05, MC05b, PGW09, SK09, TAA03]. stratified [TMNF01]. stream [LL08]. streamline [Gas92, Par04]. Strings [Len99]. Strip [QSV06, MC05b, Mr07]. strip-based [MC05b]. stripes [IU98]. strips [Nep92]. Strömungserechnung [PS93]. strong [Hua95, LBB10]. strongly [GTN03, Hu99]. Structural [BH88, Hvi90, Prz85, ADC09].
structure [AMS09, BC07a, BBCH08, CP96, FGGV08, Jun97, Kok08a, KW08, MNW08, Per92],
structured [FRSY96, GG08, LM07].
structures [BS93a, KM03, Leu98a, ÖD93, SZB07, 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, MG09, NN97, QL98, SV96b, Sme89, Vab08, ZH92].
 subgrids [TB97]. subproblems [Vas90].
 Subregions [DW87, Wid89b, Dry84].
 Subspace [Nep86, TX99, Hu97, Kat94, LXZ02, MN85, Ox99, Vas86, Xu92a, vdES04]. subspaces [CK08, GR03, Kuz86b, PS07].
 substationarity [TP93]. Substructure [KMY98a, RW93, SX97]. Substructured [BH88]. Substructures [Sid84, BW84, BW86, BPS86b, GH94a, Kis90, Mrö97, Prz63]. Substructuring [Ber04, Dry91, DSW93, PW93, Smi92a, Smi93, Wid88c, Wid88b, BP04, BPS86a, BPS87, BPS88, BPS89, ERMD08, GHMR07, KW93, KLM02, Man90b, Man03, MR99, PW00, RL02, Rho09]. Substrukturtechnik [LAN92]. Successful [LXZ03, Gus03]. Suitables [FM99, GMC05]. Suiited [Cia94]. summation [Sco94]. Summer [Lop94]. Sums [BM91]. Super [ZC95a]. supercomputer [Bab90, NN88].
 Supercomputing [HPP88, IEE91, IEE93, HWP95].
Superconducting [GLS07a]. superlarge [KCC89]. supported [BDS08, BFF96]. surface

[BR91, DM09, GEVO08, LL08, MPS05].
Survey [Ten88, Bre88, Bru95, CR85b].
Switzerland [GT94]. Symm [Dri99].
Symmetric [HE95, Wid92, AJT99, BLP91, CDS04, CKL98, Ove88, PHR07, Sha90, Ste95].
symmetrization [Sha90]. Symposium [AFL96, CGPW90, CKM91, Gee98, GGMP88b, GKM91, GPS89, IEE94b, Lop94, Ano93, Ned95]. synchronous [LSL89]. synthesis [Bon90, Scr88]. System [ABBB94, Man90d, RGG06, TMS87, BHHA73, Cha06, CF99, DLN02, GLC98, Kha08, LXZ03, Mej94, MGC09, Pav99, SP08, SD04, SC96]. systèmes [LP98b].
Systems [Ben96, BP87, DV97, Don91, EES83, FR92, FGRS97, FGN91, GL81, GK91, HE95, He56, KK99, KG90, QL94, Qua90, RMI88, Sch96, YHBM96, BZ96, Bog07, CDS04, Cha05, CLYZ99, EB99, FC94, GS10, GKR02, Gas92, He96, KKYxx, KGE89, KY89, KL90, Lag99a, Lag99b, Lay92, LT99, LP98b, MS05a, MN90, Nie88, MPM09, NN87, PW00, Pop02, Prá93, Roz92, SS86, SSZ98, SV96a, SHJ98b, Zha92b, vdes04, van09].
tau [Zam89]. tearing [LP06, Ljo06a, OSW06, Poh06]. Technique [BP87, CM91, CM92, ADC09, AF04, BZ96, BS92b, BEPS88, BP90, DKD06, Glo95, GM09, Hac03, Lai92, LCP97, IW98, LR00, Li92a, Li92b, Li92c, MT86b, WW89].
Techniques [BMOV96, CP97, Ewi89a, ELVP93, FGRS97, KG90, NPY97, Sch08, Tra00, AM06, ACM08, BRVC09, Bru91, DP08, DGP80, ELV88, Ewi91, FMW04, FSS06, FH04, GH99, GHS99, GK88, Hac84, HKK05, Hei93b, Hop03, Hu94, KP90, KG7, KGE89, KW93, Kim94, KW00b, MSW98, Np97, Ova07, Phi90, Phi92, PPS07, PS00, Qua87, RS01].
SSZ98, SAD+00, SPBV05, Sco94, VIT05. \textit{teknologiya} [II'93], \textit{telegraph} [BA09].\textit{temporal} [AD96], \textit{temporelle} [AD96].\textit{tendencies} [BV92], \textit{Tennessee} [IEE94a].\textit{Tenth} [Koe01], \textit{teorii} [Ago90b, KO89].\textit{terms} [KGE89].\textit{Test} [DT91].\textit{tetrahedral} [Glo95, IAK06].\textit{Texture} [LC95b].\textit{TFETI} [DKV+10].\textit{TH} [HDY05].\textit{TH-domain} [HDY05].\textit{Their} [Du01, CDG+10, Ga95, Gu97, HM00, KG87, LP98a, NN87, SW97].\textit{Theorem} [Wid87, BH00b, Des91, Zha87].\textit{theoreme} [Des91].\textit{Theorems} [NW91].\textit{theoretical} [KM01].\textit{Theoretically} [BDS08].\textit{Théorie} [Sob36, Ne67].\textit{Theory} [BY92, DW90, MB92, OR82, Praz95, QV91, Wid88b, Xu89, Ab80, Aco87, AR95, BG08, CZ96, CGZ97, CS98, FW01, FNS02, GG94, GO95, HXG01, Hi00, Il92, Kup99, KO90, MR94a, Ne67, Os90a, PHW00, RSSV90, SSt96, Sme89, SOb36, Tar94, Mat93b, Sam98].\textit{there} [Nov99].\textit{Thermal} [DDS89b, AMS09, DDS89a, Koj91].\textit{thermoelasticity} [GOD+07].\textit{thermoelastic} [KGE89].\textit{thick} [GH90].\textit{thin} [CP96, CH06, Nep92, OX99, SD07, SR08, The98].\textit{Third} [CGPW90, IEE94b, SM98, MMO90].\textit{Three} [AIIV97, Bel04, BA04, Cai93a, CPR+03, Dry98, DW92a, DSW93, DW93b, GS92a, GS92b, HZ03, HF88, JN01b, Man98a, MB92, Man92c, MPS86, Ong89, Pass8b, PW93, Sm91, Sm92a, Sm93, TMS87, WLH97, Wid87, Ald09, Ber03, Ber04, Bes87, BH03, EE97a, Gri01, HB10, He05, JN03, Jun09, Kim07, KW02, KRO6, Kuz89a, LIO7a, Man90c, MSO5b, MGC05, MMC06, Pas88a, PW00, RL04, SMT08, TRV91, Tso04, TV04, TV01, Zha92a].\textit{Three-Dimensional} [AIIV97, Dry98, DW93b, HF88, JN01b, MPS86, TMS87, WLH97, BA04, Bes87, BH03, Gri01, HB10, JN03, Jun09, KRO6, Kuz89a, LIO7a, TV01, Zha92a].\textit{three-field} [Ald09, RL04].\textit{three-fields} [Ber03].\textit{Time} [DG07, DY02, PS10, Yu01, AV99, BGH+07, Bla92, Eng09, EL94, FHM05, Gan08, GEF05, GK02, HL96, IVA93b, KD92, LJO6b, MT05, MGC09, NZZ94, OS04, PHW00, RJ07, RY97, SC96, Sn94, Ubl07, Vab08, VG05, WVE97, Yu99b, ZYD09].\textit{time-delay} [VG05].\textit{Time-Dependent} [DY02, IVA93b, SC96, Ubl07, Vab08].\textit{time-domain} [LJO6b, NZZ94, Ubl07].\textit{time-harmonic} [AV99, HL96].\textit{time-varying} [PHW00].\textit{Timely} [Den97].\textit{Timoshenko} [Leu99].\textit{tissue} [ARZ00].\textit{tomographic} [BBM00].\textit{tomography} [Gri01, HW95, Koj91, WZ9+10].\textit{tool} [HG08].\textit{Topics} [KM01, BFG+03, HT91, Wir02].\textit{topography} [BA04].\textit{topology} [ERMD98].\textit{Total} [DHHK06].\textit{Trace} [BGT989, WL03].\textit{Traces} [BM90, MN88].\textit{traffic} [SAM10].\textit{transfer} [CH06, GVT03, N'K91].\textit{transformation} [KR06].\textit{Transient} [HB10, NPH09, OBG10].\textit{Transition} [Gar94].\textit{translation} [AL90a, AL90b].\textit{Transmission} [Ben96, LL00, MRS04, AJ+00, DH97a, DH98, LS05, PRL10, QX08, Sth10, ZY07].\textit{transonic} [PC97].\textit{Transparent} [LG95b].\textit{Transport} [ARZ01, BC94, Ab80, Aco87, ARZ00, Gas93a, GG94, MB94, Sme89, SXW90, TAA03, WPT08].\textit{treatment} [CES00, GR07, TV01].\textit{treatments} [Kim94].\textit{Treecode} [Pri95].\textit{trees} [ARRS09].\textit{Treffitz} [HDY05].\textit{trekhmernovi} [KO89].\textit{Trends} [MR95].\textit{Tresca} [Kok08b].\textit{triangular} [DL01, LM07].\textit{trigonometry} [Gus03].\textit{Troy} [Lop94].\textit{tupleware} [Dou91].\textit{turbomachinery} [LL08].\textit{turbulence} [KLM02, Str96, TMF01].\textit{Twelfth} [Mor90].\textit{Two} [AIIV97, AIV98, Bue05, Cai93a, CGL01, DW94a, DKW08, Dry98, GP97, Kra09, MM89a, Man90c, MB92, OS04, OX91e, Pass8b, Sar93, TK01, VTK97, Wid99b, Yse90, Yu01, AARRS09, BCP91, BRVC09, Bre95, BS00, BK06, Bu06, CMO09, CMM01, DDG06, DRG04, EB99].
FML00, GVT03, GH94a, Hie05, ILW07, KL05, Kok08b, Kok09, KT05, Lai94b, LY08, LSS09a, LM06, MC05a, MC05b, Mur98, Pas88a, PR90, PP88, Poh06, Pra93, RS01, RL02, Sa04, Su94, SB89, SXYWX90, TV91, WZ10, x96, XT04, XT10].

Two- [AIIV97, Dry89]. Two-Body [Kra09, Kok08b, Kok09]. Two-Dimensional [GP79, Yu01, AIIV98, Beu05, ARRS09, KL05, LSS09a, LM06, PR90, RS01, Su94, SB89, TV91, WZ10, x96].

two-dimensions [MC05b]. Two-grid [DW94a, CMX09, ILW07, MC05b].

two-layer [DRGM04]. Two-Level [CGLO1, MM98b, Sar93, Cai93a, Man90c, VTBK97, Bre95, CGM01, FML00, GVT03, KT05, MC05a, PP88, Sa04, XTW10].

two-phase [DDK06, LY08, SXYWX90].

two-point [Lai94b]. two-scale [XT04].

two-stage [EB99]. Two-time-scale [OS04].

Type [BS92a, DW93b, DW93c, ELPV93, HP05, Kus97, Yse86a, Ad295, BGP89, Bog06a, Cha05, DV96, GC89a, Hei03, Hua04, LM099, Pr909, SS98, SX02, Tos04, TV04, Yan10, Yot01, He96, Man06, QX06]. types [Tid92].

UAB [GKL+09]. ULWC [Hua90].

Unbounded [Gee98, DZ04, GZ02, Yu94, Yu96, Yu96a].

uncertainty [XT04]. Unconditional [SL06, Zhu10]. unconditionally [BA90].

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, Ren92].

Unstructured

v [AS89, AS90, Il’89, Kho88a, Kho88b, KS88, Zav82, BP91, Lop94]. V-cycle [BP91]. validated [AFL96]. Value [ABLS05, BF01, BLP91, GK97, LM72, Nep86, Yse85, Yse86c, AQ04, AEZ00, Bra66, Gas93b, GM98, Geo99, GGL04, HTJ88, JK01, Lai94b, LW00, LB93, LOM98, MR089, Nep84, JV91, Røn92, Shah4, Shi99, Ste96, Tut08, Vab90, Vab91, Yan02, YD04].

Valued [Ben95, KK03]. Vanka [Man06].

Vanka-type [Man06]. Variable [Cow93, JN99, AL90a, AIIV98, GVT03, Osv91c, SC04]. Variables [Il’69].

Variance [YSF03]. Variant [DW87, DHK06, Lio90]. Variants [CMS92, CMS94]. Variational [AL90b, BGTV89, Dry81, EES83, Hsi00, KFK97,
Variational-Difference [Dry81].

variationnelle [BGT88].

varying [PHW00].

vascular [SP03].

Vector [Ben95, DDGM89, Haa97b, SV95, Des91, KK03, LLL91, Tai03, Tro96a, Zho97c, ZW05, BGT88].

Vector-Valued [Ben95, KK03].

vectorielle [Des91].

Vectorized [HF88].

vectors [CK08, LL88].

Verfahren [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].

VI [BPM90, DRV00, GOS05].

via [ABL90, Bla92, BS93a, Che05, DGP09, HSW00, Kho96, LBD94, N9K1, Pas91, PS93, QLV91, Scr98, Tai94].

vibration [KN02]. VII [GL6]. virtual [GZW+00]. viscoelastic [BS08, JL08].

viscous [AL93, BFK+98, CW99b, DMPG83, DGP09, DL01, GHS93, Hua01, Sha94].

very [CP96].

Vertex [CM91, CMS92, CMS94, Hua01, Sha94].

versions [ST98, AK88, Sar03, ST00a]. versus [CG88, KPW96].

VI [BPM90, DRV00, GOS05].

via [ABL90, Bla92, BS93a, Che05, DGP09, HSW00, Kho96, LBD94, N9K1, Pas91, PS93, QLV91, Scr98, Tai94].

vibration [KN02]. VII [GL6]. virtual [GZW+00]. viscoelastic [BS08, JL08].

viscous [AL93, BFK+98, CW99b, DMPG83, DGP09, DL01, GHS93, Hua01, Sha94].

very [CP96].

Vertex [CM91, CMS92, CMS94, Hua01, Sha94].

versions [ST98, AK88, Sar03, ST00a]. versus [CG88, KPW96].

VI [BPM90, DRV00, GOS05].

via [ABL90, Bla92, BS93a, Che05, DGP09, HSW00, Kho96, LBD94, N9K1, Pas91, PS93, QLV91, Scr98, Tai94].

vibration [KN02]. VII [GL6]. virtual [GZW+00]. viscoelastic [BS08, JL08].

viscous [AL93, BFK+98, CW99b, DMPG83, DGP09, DL01, GHS93, Hua01, Sha94].

very [CP96].

Vertex [CM91, CMS92, CMS94, Hua01, Sha94].

versions [ST98, AK88, Sar03, ST00a]. versus [CG88, KPW96].

VI [BPM90, DRV00, GOS05].

via [ABL90, Bla92, BS93a, Che05, DGP09, HSW00, Kho96, LBD94, N9K1, Pas91, PS93, QLV91, Scr98, Tai94].
References


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Year</th>
<th>Volume/Issue/Section</th>
<th>Pages</th>
<th>Publisher</th>
<th>DOI</th>
</tr>
</thead>
</table>
Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2008.


[Alefeld:1996:SCV] Götz Alefeld, Andreas Frommer, and Bruno Lang, edi-

Anderson:1991:VDV


Aldegunde:2008:DPF


Absi:1980:NME


Agoshkov:1986:DDM


Agoshkov:1987:ROD


Agoshkov:1988:PSO


**Averbuch:1998:TDP**


**Averbuch:2000:MPS**


**Ainsworth:1996:HDD**


**Ainsworth:1996:PBD**


**Averbuch:1995:PIN**

Alboin:2000:DDS


Achdou:1997:AME


Akhmetzyanov:2004:UMM


Auweter-Kurtz:2001:HDD

REFERENCES


REFERENCES

NY, USA and Vienna, Austria, 2007.


Anonymous:1989:CUS


Anonymous:1989:MS


Anonymous:1990: SJN


Anonymous:1991: ADX


Anonymous:1993:PII


Anonymous:1996:PICb


Anonymous:1996:PICa


Anonymous:1996:PPM

**Anonymous:1998:HHH**


**Anonymous:1998:SKA**


**Anonymous:2000:HHN**


**Axelsson:1988:BPD**


**Axelsson:1996:AMI**

Owe Axelsson and Ben Polman, editors. *Algebraic multilevel iteration methods with applications*. Vol. I, II. Katholieke Universiteit Nijmegen, Department of Mathematics, Nijmegen, 1996.

**A:2004:DDM**


**Adamidis:2003:PCT**


**Alaa:2004:DDM**

Nour Eddine Alaa and Jean Rodolphe Roche. Domain decomposition method for a class of nonlinear elliptic equation with

**Averbuch:1997:PIM**


**Acebron:2009:DDS**


**Acebron:2010:EPS**


**Ali:1995:CMF**


**Alme:2000:DDM**


**Alme:2001:DDM**

REFERENCES


Agoshkov:1988:SUA


Agoshkov:1989:SUA


Agoshkov:1990:SUV


Astrakhatsev:1978:MFD


Agouzal:1995:MEF


Alonso:1999:ODD


Ames:1992:CAM

[AvdH92] W. F. Ames and P. J. van der Houwen, editors. Computational and applied mathematics. II. North-Holland Pub-


Bal:2005:CSP


Bank:1990:PSP


Bathe:2001:CFS


Bendali:2006:NOD


Blatt:2009:CCD


Benceteux:2008:DDE

Guy Bencteux, Maxime Barrault, Eric Cancès, and
REFERENCES


Brezzi:2003:NMA


Bailey:1995:PSS


Baiocchi:1992:SGM


Brezzi:1992:SGM


Boag:2000:MDD

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>
REFERENCES


**Beirao-daVeiga:2010:RBP**  

**Babuska:1991:EPV**  

**Barth:1999:PDD**  

**Bornemann:1996:CMM**  

**Bornemann:1997:CMM**  

**Boglaev:2001:DDS**  

**Bialecki:2003:NDD**  
Boglaev:2003:DDA


Bristeau:1997:ECD


Brezzi:1989:PDR


Bjorstad:2000:ASA


Bjorstad:2002:ESM


Bouchala:2008:TSS

Bjoerstad:1996:PIS


Bjorstad:1997:ASM


Bank:1988:HBM


Bellman:1944:NIS


Belgacem:2004:SDD


Benamou:1995:DDM


Benamou:1996:DDM


Bramble:1990:DDM


**Bramble:1992:DDM**


**Bramble:1988:PTE**


**Berry:1989:ADC**


**Bertoluzza:2004:SPT**


**Bespalo:1987:FEM**

REFERENCES


REFERENCES


REFERENCES


[BHHA73] K. Bell, B. Hatlestad, O. E. Hansteen, and Per O. Araldsen. *NORSAM, a programming system for the finite element method*. Users man-


[Bell:1973:NPS]
many / London, UK / etc., 2005.


[Bj89] Petter E. Bjørstad. Multiplicative and additive Schwarz methods: Convergence in the 2 domain case. In Tony Chan,

[BK86]

[BK87]

[BK92]

[BK00]

[BK06]

[BKK01]
REFERENCES


Belgacem:1993:NCS

Brezzi:1993:MHE

Bernardi:2001:SED

Borgers:2010:AMM

Bjoerstad:1996:PRS

Bonilla:2008:PIM

Bjorstad:1990:PDD

Bjorstad:1991:PDD

Bubak:1994:FLG


Bubak:1994:IPL


Beuchler:2007:OAS


Borne:2007:JDD


Boglaev:1999:FDD


Boglaev:2000:DDB

REFERENCES


Boglaev:2008:SSE


Bollhofer:1996:ADD


Boergers:1989:NDD


Borne:2005:HMC


Bourquin:1990:ACS


Bounaim:2002:UIS


Boyd:2005:ACG

REFERENCES


Bramble:1987:PTI


Bramble:1990:DDT


Bramble:1991:NEM


Bertoluzza:2004:PMM


Boglaev:2006:IDD


Boglaev:2007:BMD


Barka:2008:ISB

REFERENCES


REFERENCES

0025-5718 (paper), 1088-6842 (electronic).


[BQQ09] Santiago Badia, Annalisa Quaini, and Alfio Quarteroni. Coupling Biot and Navier–Stokes equations for modelling fluid-poroelastic media interaction. *Journal of computa-


[BQQ09] Santiago Badia, Annalisa Quaini, and Alfio Quarteroni. Coupling Biot and Navier–Stokes equations for modelling fluid-poroelastic media interaction. *Journal of computa-


REFERENCES

Bramble:1966:SOF


Brezzi:1985:NMF


Brezzi:1988:SMF


Brezinski:1989:NAM


Brenner:1995:TLA


Brenner:1999:CNS


Bruch:1991:MDD

J. C. Bruch, Jr. Multi-splitting and domain decomposition techniques applied to free surface flow through porous media. In *Computational modelling of free and
REFERENCES

moving boundary problems,
Vol. 1 (Southampton, 1991),

[Bru95] Are Magnus Bruaset. A survey of preconditioned iterative methods,
volume 328 of Pitman Research Notes in Mathematics Series.
27654-3. xii + 162 pp.


[BS92a] Petter E. Bjørstad and Morten Skogen. Domain decomposition algorithms of Schwarz type, designed for massively parallel computers. In Tony F. Chan, David E. Keyes, Gérard A. Meurant, Jeffrey S. Scroggs, and Robert G. Voigt, editors, Fifth International Symposium on Domain Decomposition Methods for Partial Differential Equa-


G. Bayada, J. Sabil, and

Bruaset:2006:NSP


Bufa:2002:EES


Bufa:2006:CDT


Buleev:1988:MMD


Buleev:1990:PRA


Bensousson:1992:FTC


Brakkee:1997:DDI

E. Brakkee, C. Vuik, and P. Wesseling. Domain decomposition for the incompressible


REFERENCES


[Baronio:1996:DDT]

[Bornemann:1992:BNE]

[Brenner:1999:BDD]

[Buch:2006:DDM]
Cai:1989:SDD


Cai:1990:ASA


Cai:1991:ASA


Cai:1993:OTL


Cai:1993:NEP


Cai:1995:UPI


Cela:1996:PPL


Cao:1992:FAP


Carstensen:1997:DDN

Carsten Carstensen. Domain decomposition for a non-


**REFERENCES**


REFERENCES


REFERENCES


REFERENCES

Cai:1993:CSD


Cai:1994:CSD


Cai:1994:PIM


Carvalho:2001:LPT


Carvalho:2001:ATL


Concus:1976:GCG


Chen:2005:DEC


**Chan:1989:DDM**


**Chan:1990:TIS**


**Chakrabarti:2001:AQP**


**Chan:1997:MDD**


**Chan:1999:MSP**


**Chan:1988:DDI**

REFERENCES


REFERENCES

Chan:1988:DDA

Chan:1989:DDA

Chan:1993:IMQ

Chang:1997:CPS

Chang:2004:DDP

Chang:2005:DDM

Chang:2006:DDM

Chen:1988:SDD
Hsin-Chu Chen. The SAS domain decomposition method for structural analysis. Technical Report CSRD 754; UILU-ENG-88-8003, University of
REFERENCES

Illinois at Urbana-Champaign, Center for Supercomputing Research and Development, Urbana, IL 61801, USA, 1988. vi + 112 pp.


[CHH02] René Caustrès, Raphaëlle Herbin, and Florence Hubert. Finite volume scheme on non matching grids. Applications to domain decomposition methods.


[Chin:1981:PCD]
REFERENCES

DEN SJNAAM. ISSN 0036-1429 (print), 1095-7170 (electronic).

Ciarlet:1978:FEM

Ciarlet:1994:IDD

Ciccoli:1996:ADD

Cai:2008:SGE

Chan:1989:IPD

Casazza:2008:RFF

Carstensen:1998:FPS
REFERENCES


REFERENCES


REFERENCES

Coron:1990:ECA


Coron:1994:CBF


Cottet:1991:PGD


Cowsar:1993:DVS


Charpentier:1996:DDM


Charmpis:2005:GBS


Cai:2003:DDM

REFERENCES


Carlenzoli:1995:ADD

Cai:1999:EMM

Chan:1985:DDF

Chan:1985:SPD

Chan:1987:ADD

REFERENCES


Chan:1988:ADD


Cosnard:1989:PDA


Cosnard:1986:PAA


Chen:1989:DDM


Chan:1994:DDM


Chan:1995:PCD


Cai:1996:ODD

REFERENCES

Chui:1998:ATI

Chen:2005:MHA

Chenuto:1998:NSE

Cowsar:1991:PDDb

Calugaru:2005:NOD
REFERENCES


REFERENCES

[Chan:1994:ASD]

[Chan:1995:EAS]

[Chan:1996:CTM]

[Dagum:1993:APU]

[Dannevik:1991:CMM]

[Danek:2002:DD]

[Darvishi:2004:PDD]
M. T. Darvishi. Preconditioning and domain decomposition schemes to solve PDEs.
REFERENCES


REFERENCES

NLAAEM. ISSN 1070-5325 (print), 1099-1506 (electronic).

[Dawson:1991:FDD]

[DDM07]

[DDG89]

[DDS89a]


REFERENCES

Despres:1991:MDD

Deville:1990:CCS

Desideri:1993:OC

Dostal:1998:FDD

Du:2000:GMA

Daoud:2007:TLE
REFERENCES

0096-3003 (print), 1873-5649 (electronic).

Dashevski:2002:FDB


Dinh:1980:ADD


Dihn:1984:SEP


Dinh:1988:CVI


Dostal:2001:FDD


Dryja:2007:BMD


dHennezel:1992:MDD

Frédéric d’Hennezel. Méthodes de décomposition de domaine dans les structures et les multifiligranes. (French) [Domain-decomposition methods in structures and multifiligranes]. Institut National de Recherche en Informatique


Dostal:2002:SFV


Diaz:2003:IMC


Discacciati:2005:IMS


Duc:1995:AMC


Dongarra:1992:PPS


Dostal:2010:STA


Dohrmann:2008:DDL


Dolean:2001:HDD

Victorita Dolean and Stéphane Lanteri. A hybrid domain decomposition and multigrid


REFERENCES


REFERENCES


REFERENCES


**Dryja:2005:FDM**


**_Dimarco:2008:DDT_**


**Diyak:2009:CNP**


**Douglas:1993:MPI**


**Dryja:1986:MDD**


**Discacciati:2003:ADD**

M. Discacciati and A. Quarteroni. Analysis of a domain decomposition method for the coupling of Stokes and Darcy equations. In *Numerical mathematics and advanced appli-
Discacciati:2007:RRD


Diaz:2004:NST


Driscoll:1999:NDD


Dedner:2004:PLB


Dick:2000:MMV


Dryja:1981:ACM


Dryja:1982:CMM

Maksymilian Dryja. A capacitance matrix method for Dirichlet problem on polygon
REFERENCES


**Dryja:1984:FEC**


**Dryja:1984:MDD**


**Dryja:1989:ASA**


**Dryja:1991:SMP**


**DeValerio:1992:DDM**


**Dai:1995:DDM**


**Dai:1995:DDS**


**Dai:1996:NDD**

Peiliang Dai and Shu Min
REFERENCES


**Dahmen:1999:WMC**


**Daoud:2002:FSA**


**Dimov:1994:ANM**


**Dryja:1993:SAIa**


**DeRoeck:1991:ATL**


**Dryja:2007:DDD**


REFERENCES

Report 339, also Ultracomputer Note 131, Department of Computer Science, Courant Institute, 1987.


Maksymilian Dryja and Olof B. Widlund. Domain decomposition algorithms with small overlap. Technical Report 606, Department of Computer Science, Courant Institute, May
REFERENCES


Douglas:1993:NFM

Dryja:1993:SMN

Dryja:1993:SRR

Dawson:1994:TGM

Dongarra:1994:PSC

Dryja:1994:DDA

Dryja:2003:GFD
REFERENCES

Dohrmann:2010:HDD

Douglas:1996:NEN

Du:2002:DDM

Du:2004:NOD

Everaars:1996:CDP

Evans:1999:CGA

Eikemo:1997:DDM
Merete S. Eikemo and Magne S. Espedal. Domain decomposition methods for a three dimensional extrusion model. In

**Ersland:1997:DDM**


**Eisenstat:1983:VIM**


**Ernst:1994:DDA**


**Elleithy:2009:ADD**


**Egorov:2000:IDD**


**Engelmann:2000:AFE**


**Evans:1992:PC**

REFERENCES


Ewing:1994:APP


Ewing:1999:DDC


Ewing:1993:DDT


Ewing:1988:LRT


Engblom:2009:PTS


Evgrafov:2008:LSP


Egeciouglu:1996:DDP

REFERENCES


REFERENCES

Ewing:1991:ADD


Engquist:1998:ABCa


Engquist:1998:ABCb


Egorov:1984:CRG


Falletta:2003:AWM


Farhat:1994:TDD


Feistauer:2004:NMA

M. Feistauer, V. Dolejší, P. Knobloch, and K. Najzar, editors. *Numerical mathematics and advanced applications*. Springer-Verlag, Berlin,
REFERENCES


Friese:1999:MMC


Feng:1983:FEM


Feng:1998:ADD


Feng:2000:AFE


Feng:2007:SDH


Faille:2002:NFM


Fujita:1998:RC1

Hiroshi Fujita, Makoto Fukuhara, and Norikazu Saito. On the rate of convergence of iterations in the domain decomposition method. In *Proceedings of Third China–Japan
REFERENCES


REFERENCES


Farhat:1992:UDD

Frank:1990:ECM
George N. Frank. Experiments on the Cedar multicluster with parallel block cyclic reduction and an application to domain decomposition methods. Thesis (m.s.), University of Illinois at Urbana-Champaign, Center for Supercomputing Research and Development, Urbana, IL 61801, USA, November 1990. vii + 69 pp.

Floros:1995:CED

Fujima:1998:DDU

Funaro:1988:DDM
Daniele Funaro. Domain decomposition methods for pseudospectral approximations. I. Second order equations in one
REFERENCES


Freistuhler:2001:HPT


Feng:2004:PEE


Ghosh:2009:FPC


Gaier:1995:CMT


Gander:2008:SMC


Garbey:1994:DDS


Gastaldi:1992:DDM

REFERENCES


George:1973:NDR


Georgiev:1996:IAO


Georgiev:1999:PDD


Garcia-Espinosa:2008:OUNU


Gastaldi:1994:DDT


Gander:2003:NOO


Gerardo-Giorda:2008:BWR


Girault:2004:DDM


1989. CODEN JSCOEB. ISSN 0885-7474 (print), 1573-7691 (electronic).


REFERENCES

138


Guo:2003:GAL


Gustafsson:2000:IHO


Gunzburger:2000:SEP


Gander:2007:APS


Gander:1999:OCO

[GHN99] M. J. Gander, L. Halpern, and...


William D. Gropp and David E. Keyes. Parallel domain decomposition and the solution


REFERENCES


Glowinski:1991:FIS


Garbey:2002:FSS


Grama:1998:SPF


Glowinski:1990:ADD


George:1981:CSL


Glowinski:1986:CMA


Gallopoulos:1988:BID

E. J. (Efstratios J.) Gallopoulos and Daeshik Lee. Boundary integral domain decomposition on hierarchical memory multiprocessors. Technical Report CSRD 752, University of Illinois at Urbana-Champaign, Center for Super-


[GLC89b] Anne Greenbaum, Congming Li, and Han Zheng Chao. Parallelizing preconditioned conjugate gradient algorithms.


Galanin:2007:FFS

Graham:2007:DDM

Glowinski:1989:PEI


Georgiev:1991:DDM

Gatica:1998:NDD

Guo:2009:SDD
REFERENCES

Gates:2008:AMD


Glowinski:2008:PDE


Garcia-Nocetti:2003:DAD


Griebel:1995:ATA


Goldfeld:2003:BNN


Griebel:2005:PPU

REFERENCES

Goyon:1999:MPC

Glowinski:1979:NMF

Glowinski:1985:FEL

Glowinski:1986:DMS

Glowinski:1987:NMN

Givoli:2001:OLA

Glowinski:1994:OSD
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Gonzalez:1987:DDE


Glowinski:1988:DDMb


Gazdag:1989:CCS


Griffiths:1996:NA


Ganis:2009:IMM


Gmati:2002:DDM


Guo:2000:VBC


Haase:1997:HEO

[Haa97a] G. Haase. Hierarchical extension operators plus smoothing in domain decomposition


REFERENCES

CODEN AJNOA2. ISSN 1446-1811 (print), 1446-8735 (electronic).


REFERENCES

Germany / Heidelberg, Germany / London, UK / etc., 2005.


Heinrichs:2003:NTF [Hei03] B. Heinrich. Nitsche-type finite element method for elliptic problems with singular-
REFERENCES

Hemmingsson:1995:DDM


Hengst:1990:FMS


Herrera:1998:UAD


Hestenes:1956:CGM


Hesthaven:1997:SPM


Hesthaven:1998:SPM


Heuer:1999:DDI

REFERENCES


Hodgson:1997:DDP D. C. Hodgson and P. K. Ji-
REFERENCES


[HK98b] He:1997:SDD


[HK02a] Herbin:2002:FVC


Herrera:2002:DDM


He:2008:PBP


Hegarty:1996:DDD


Hackbusch:2005:DSC


Hesthaven:2006:PLI


Heckler:1997:PM


Haase:1991:UMP

[HL91] G. Haase and U. Langer. On the use of multigrid preconditioners in the domain decomp-


REFERENCES


REFERENCES


Hernandez-Ramos:2009:NDD


He:1994:ASL


Holst:1994:MDD


Hahne:1996:SIE


Hsiao:2000:VMB


Herty:2007:DDM


Hahne:1995:FSC


Hsiao:2000:DDM

[HSW00] G. C. Hsiao, O. Steinbach, and W. L. Wendland. Domain decomposition methods...

**Hu:2010:NDD**


**Hu:2004:ESS**


**Hackbusch:1991:MMS**


**Hagstrom:1988:NED**


**Hu:1999:SDM**


**Hu:2004:PPS**

Qiya Hu. Preconditioning Poincaré–Steklov operators arising from domain decompo-


References


[Hvidsten:1990:PFE]

[Hackbusch:1995:FSF]

[Hwang:1996:BEI]
Hagstrom:2001:TEA

Yu:1998:DDM

Herrera:2010:MFD

Herrera:2003:IAD

Hoffmann:1993:PED

Hu:2003:NDD

Ivanov:2006:DDA

Israeli:2002:HDD
M. Israeli, E. Braverman, and A. Averbuch. A hi-

IEEE:1991:PSA


IEEE:1993:PSP


IEEE:1994:PSH


IEEE:1994:PTI


IEEE:1995:PSP


IEEE:1996:PSM

IEEE, editor. Proceedings. Second MPI Developer’s Con-
REFERENCES

167

Ivanov:1995:CCF


Iliev:1999:RAN


Ilin:1989:PSM


Ilin:1990:CMM


Ilin:1991:AIF


Ilin:1992:IFM


Ilin:1993:VMT

### REFERENCES

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>

Jin:2009:PRG


Jin:2007:PDD


Fu:2006:PCF


Jia96


Jia:2006:CAF


Jiang:2003:NSM


Jia:2006:CAF


**Jenkins:2001:ABD**


**Jung:1991:AMM**


**Jenkins:2008:DDM**


**Jun:2006:DDM**


**Jun:2006:IDD**


**Jun:2006:RDD**


**Jun:2009:NAR**

Younbae Jun and Tsun-Zee Mai. Numerical analysis of the


Jimack:2003:P


Johnson:1987:NSP


Jiang:2006:MME


Jun:2009:EDD


Jun:2010:SNP


Jia:2001:ODD

<table>
<thead>
<tr>
<th>Reference</th>
<th>Details</th>
</tr>
</thead>
</table>
REFERENCES


Klaassen:1995:PNM


Klaassen:1995:PNM

Keyes:1995:AAN


Keyes:1995:AAN


Keyes:1987:CDD


Keyes:1999:HSD


Keyes:2003:DDM


Kawarada:1997:VIN


Keyes:1999:HSD

[Key03] D. E. Keyes. Domain decomposition in the mainstream

[KG90] Keyes:1990:DDT


[KHD05] Kucera:2005:FBD


REFERENCES


Kahou:2007:EFM


Kuznetsov:1990:DDMa


Kaporin:19xx:BSP


Kuznetsov:1988:DDM


Korshiya:1990:DMS


Kapurkin:1995:DDM


Kim:2005:FDF


Kraus:2007:LAC

Klar:1998:AID

Klawonn:2006:FDD

Knopp:2002:ISM

Kiss:1991:PDD

Klodziej:1991:DDB


REFERENCES

**Kako:2002:DDM**


**Kalia:1993:PAM**


**Krizek:2004:CGA**


**Kwak:2003:DDM**


**Kawarada:1999:ANM**


**Kuznetsov:1994:SMO**


**KNS99**


**KNT94**

AMS, Providence, RI, USA, 1994.

**Kitagawa:1998:CBS**


**Knyazev:1998:PEO**


**Kuznetsov:1989:MMD**


**Kuznetsov:1990:MMP**


**Kako:2008:NMW**


**Koelbel:2001:TSC**


**Kojima:1991:IMF**


**Koko:2007:LMB**

Koko:2008:CAO

Koko:2008:UBR

Koko:2009:UBR

Konshin:1990:OMD

Kopriva:1989:DDB

Kornhuber:1997:AMM

Korneev:2001:AOM

Korneev:2002:FDD
V. Korneev. Fast domain decomposition solvers for hp-discretizations of 2nd order el...
REFERENCES


REFERENCES

Klawonn:2006:PID


Korneev:2007:SDD


Korneev:2008:FDD


Klawonn:2010:HSP


Krautle:2005:DDM


Krause:2009:NMM

REFERENCES

1064-8275 (print), 1095-7197 (electronic).

Kamenetskii:1991:BEP

[D. S. Kamenetskii, V. S. Ryaben’kii, and S. V. Tsynkov]

Kamenetskii:1991:DAB

[D. S. Kamenetskii, V. S. Ryaben’kii, and S. V. Tsynkov]

Klawonn:2005:SCR

[Axel Klawonn, Oliver Rheinbach, and Olof B. Widlund]

Krzyzanowski:2005:DDD

[Piotr Krzyżanowski]

Knyazev:1988:MIM

[A. V. Knyazev and A. L. Skorokhodov]

Komornik:1999:RA

[Vilmos Komornik and Jan Sokołowski, editors]

Krause:2005:FSC

[Rolf Krause and Oliver Sander]
REFERENCES

Kiwi:1998:MMB


Kiwi:2001:MMB


Kuznetsov:1983:IMU


Kuznetsov:1987:DDM


Karageorghis:1996:SDD


Kulkarni:2005:DDB


Kuhn:1996:DDB

REFERENCES

Kuhn:1998:EPF


Kupka:1999:SGS


Kurbatov:1993:SEC


Kushner:1997:DDM


Kuznetsov:1985:MVP


Kuznetsov:1986:FCD


Kuznetsov:1986:IMS


Kuznetsov:1988:CAM

Functional Equations held in Moscow, June 1987.


REFERENCES


REFERENCES

Khoromskij:1993:SEP


Klawonn:1999:DDM


Klawonn:2000:DDM


Krause:2000:NDD


Krautle:2001:CMV


Klawonn:2002:FDM


Kuttler:2008:DDD

[Ulrich Kütter and Wolfgang A. Wall. The dilemma of domain decomposition approaches in fluid-structure interactions with fully enclosed incompressible fluids. In *Domain decomposition methods*]

Kwak:2003:CMC


Keys:1994:DDM


Keys:1995:DDM


Kolotilina:1989:BSP


Kolotilina:19xx:FSA


Laevskii:1992:DDA

REFERENCES

1755, 1992. CODEN ZVM-FAN. ISSN 0044-4669.

Laevskii:1992:OOP


Laevskii:1992:PMD


Laevskii:1993:DDP


Laevskii:1993:EID


Laevsky:1996:POG


Laevsky:1998:MSG


Lagnese:1999:DDE


Lagnese:1999:DDE

REFERENCES

Lagnese:1999:DDO


Lai:1992:ATN


Lai:1993:DDM


Lai:1994:DDD


Lai:1994:DDS


Langer:1992:SSM


Lapin:1989:MDO


Larsson:1999:DDM

REFERENCES

//epubs.siam.org/sam-bin/dbq/article/32532.


REFERENCES


**Lee:2006:OBD**


**Leugering:1998:DDD**


**Leugering:1999:DDD**


**Lee:1987:FPS**


**Laevsikii:1995:EID**


**Lippert:1995:FWB**

[LG95b] L. Lippert and M. H. Gross. Fast wavelet based volume...


REFERENCES


REFERENCES

Li:2007:NDP


Liu:1998:FEM


Ling:2004:PRB


Laursen:2007:REM


Lai:1988:FEU


Liang:1989:NDD


Laevskii:1993:MDO


Li:1993:DDM

REFERENCES

Li:1995:DDA


Li:1997:CAP


Lagnese:2000:DDD


Lagunese:2004:DDM


Li:2008:SSM


Lunati:2009:OFM


Lapin:2001:NMC


Lagunese:2000:DDD
REFERENCES

Laitinen:2001:ADD

Laitinen:2003:ADD

Lapin:2008:LMB

Lu:1989:PA

Lu:1991:PA

Lions:1972:NBV

Lu:2006:FDD
REFERENCES


diffusion equations. In Progress in partial differential equations: elliptic and parabolic problems (Pont-à-


REFERENCES


REFERENCES


REFERENCES

Lai:2009:DDM


Lu:1989:SDD


Liem:1997:SEM


Liao:2009:CEI


Lin:2009:PPA


Lai:1993:SSD


Lasser:2003:ODD

Li:2009:CAB


Lazaro:2001:IPD


Lu:1999:SAM


Lu:1992:DDMb


Lu:1992:DDMc


Lucier:1988:PEM


Lui:1992:DDMa


Ming-Jun Lai and Paul Wensston. On Schwarz’s domain decomposition methods for elliptic boundary value prob-
Lamichhane:2005:MFE


[LW06] Shu Ting Liu and Xiong Hua Wu. Differential quadrature domain decomposition method for 2-D singular perturbation problems. *Journal on Nu-


Li:2006:BAI


Lee:2003:SSC


Lukshin:1998:DDM


Li:2007:DDU

REFERENCES

**Li:2008:DDC**


**Li:2009:MUD**


**Lerner:2007:CSI**


**Li:2000:BEM**


**Ma:1996:PPC**


**Mandel:1989:EDD**


**Mandel:1989:BDS**


**Mandel:1990:HPP**

REFERENCES

Mandel:1990:ISS

Mandel:1990:TLD

Mansfield:1990:CGS

Mandel:1992:AIS

Mandel:1992:BDDa

Mandel:1992:ISP

Mandel:1993:HDD

Mandel:2003:ISL
Manservisi:2006:NAV


Marchuk:1989:DDM


Marchuk:1989:MVM


Marchuk:1991:VPS


Marcinkowski:2001:DDM


Martin:2005:SWR


Marcinkowski:2007:ASM


Mastin:1987:IFD

ISSN 0377-0427 (print), 1879-1778 (electronic).

Mathew:1989:DDI


Mathew:1993:SAIa


Mathew:1993:SAIb


Mandel:1996:BDD


Ma:1997:CMO


Mehrabi:1994:FEN

Marcinkowski:2005:PPS


Mihai:2005:TGA


McCormick:1989:MAS


Marsden:2002:DDU


McCormick:1989:MAM


Mandel:2003:CBD

Marcinkowski:2008:FDM


Mai-Duy:2008:EHO


Mejzlik:1994:BMF


Meurant:1988:DDM


Meurant:1988:DDP


Meurant:1989:DDM


Meurant:1991:DDM

REFERENCES


REFERENCES

Mierendorff:1988:PMM

Miller:1993:AAC

Milyukova:2000:PIM

Mikhailov:2002:ICC

Mishev:1994:PCC

McManus:1999:CLH

Marchuk:1986:FDD

Markus:1996:PEM
MPI implementations and
MPI based Parallel ELLPACK
solvers. In IEEE [IEEE96],
pages 162–169. ISBN 0-8186-
7533-0. LCCN QA76.642 .M67
1996.

Mandel:1991:DDP

[ML91]
Jan Mandel and G. Scott
Lett. Domain decomposition
preconditioning for p-version
finite elements with high as-
pect ratios. Applied Numerical
Mathematics: Transactions of
CODEN ANMAEL. ISSN
0168-9274 (print), 1873-5460
(electronic).

Mandel:1989:ISEb

[MM89a]
Jan Mandel and Steve Mc-
Cormick. Iterative solution of
elliptic equations with refine-
ment: The model multi-level
case. In Tony Chan, Roland
Glowinski, Jacques Périaux,
and Olof Widlund, editors,
Domain Decomposition
Methods. SIAM, Philadelphia, PA,
USA, 1989.

Mandel:1989:ISEa

[MM89b]
Jan Mandel and Steve Mc-
Cormick. Iterative solution of
elliptic equations with refine-
ment: The two-level case. In
Tony Chan, Roland Glowin-
ski, Jacques Périaux, and Olof
Widlund, editors, Domain De-
composition Methods. SIAM,

Morlet:1997:SAS

[MLB97]
Anne C. Morlet, Nancy J. Ly-
beck, and Kenneth L. Bow-
ners. The Schwarz alternating
sinc domain decomposition
method. Applied Numerical
Mathematics: Transactions of
IMACS, 25(4):461–
CODEN ANMAEL. ISSN 0168-
9274 (print), 1873-5460
elsevier.com/cgi-bin/cas/
tree/store/apnum/cas_sub/
browse/browse.cgi?year=
1997&volume=25&issue=4&
айд=824.

Morlet:1999:CSO

[MLB99]
Anne C. Morlet, Nancy J. Ly-
beck, and Kenneth L. Bow-
ners. Convergence of the sinc
overlapping domain decompo-
sition method. Applied Math-
ematics and Computation, 98
(2–3):209–227, February 1,
1999. CODEN AMHCBQ.
ISSN 0096-3003 (print), 1873-
5649 (electronic). URL http:
//www.elsevier.com/cas/
tree/store/amc/sub/1999/
98/2-3/6169.pdf; http:
//www.elsevier.com/cgi-
bin/cas/tree/store/amc/
cas_sub/browse/browse.cgi?
year=1999&volume=98&issue=
2-3&айд=6169.

mongaMade:2004:PPI

[mM04]
M. Magolu monga Made. Per-
formance of parallel incom-
plete LDL factorizations for
solving acoustic wave propa-
gation problems from indus-
try. Numerical Linear Alge-
REFERENCES

Mokhtarzadeh:2006:BCE

Manley:1990:PTE

Martikainen:2002:PLE

Matsokin:1988:NST

Matsokin:1989:UBM

Matsokin:1988:UBM

Mehl:2008:CEI
REFERENCES


Miglio:2005:MSF


Marini:1988:IPD


Marini:1989:RPD


Marinescu:1988:NAL


Mu:1992:PDD


Mu:1994:MCP


Mu:1994:PDD

[ MR94b ] Mo Mu and John R. Rice. Preconditioning for domain decomposition through function approximation. SIAM Journal on Scientific Comput-


REFERENCES

Mullen:2002:UDN


Marek:2005:AAS


McGee:2005:NCF


Mandel:2007:BFD


Ma:2010:GDD


Marrocu:1998:PPM


Maischak:1996:DDM

Matthias Maischak, Ernst P. Stephan, and Thanh Tran. Domain decomposition methods for boundary integral equations of the first kind:

**Mirin:1998:EFT**


**Ma:2009:PGD**


**McCormick:1986:FAC**


**Miki:1986:NSP**


**Maday:2005:PT1**


**Mu:1995:NFP**


**Murio:1997:BRE**

Diego A. Murio. Book review: *Elliptic Marching Meth-


**Murea:1998:DDM**


**Made:2001:GDD**


**Mair:2004:DDM**


**Minev:2001:SCA**


**Min:2007:PFD**


**Nabben:2003:CBM**


**Natarajan:1995:DDU**

Natarajan:1997:DDU

Nicolaides:1988:IME

Necas:1967:MDT

Nedoma:1995:ISM

Nepomnyashchikh:1984:AMB

Nepomnyashchikh:1986:DDS

Nepomnyashchikh:1990:MRO
Nepomnyaschikh:1991:ADD


Nepomnyaschikh:1992:DDM


Nepomnyaschikh:1997:DDM


Nepomnyaschikh:1999:POE


Nepomnyaschikh:2007:DDM


Nedoma:2003:SRR


Nielson:2009:NIE


NKaoua:1991:SNR

[N’K91] T. N’Kaoua. Solution of the nonlinear radiative trans-

**Neittaanmäki:2001:FEM**


**Nourtier-Mazauric:2010:TEI**


**Natori:1987:IMN**


**Natori:1988:SS**


**Natori:1992:PPS**


**Nataf:1997:CRS**

REFERENCES


[Lars Nyland, Jan Prins, Ru Huai Yun, Jan Herrmans, Hye-Chung Kum, and Lei Wang. Achieving scalable parallel molecular dynamics using dynamic spatial


IEEE catalog no. 94TH0667-6.


[OL99] F.-C. Otto and G. Lube. A posteriori estimates for a
link/service/journals/00607/bibs/9062001/90620027.htm;

Oualibouch:1997:PDD

[OM97] Said Oualibouch and Nouredine El Mansouri. Proxi-
mal domain decomposition algorithms and application to el-
liptic problems. In Domain decomposition methods in sci-
ences and engineering (Beijing, 1995), pages 91–98. John

[Ong89] M. E. G. Ong. Hierarchical basis preconditioners for sec-
ond order elliptic problems in three dimensions. Technical
Report 89–3, Dept. of Applied Math. University of Wash-

Oden:1997:PDD

domain decomposition solver for adaptive hp finite ele-
ment methods. SIAM Journal on Numerical Analysis, 34(6):

Oden:1997:PDD

CODEN SJNAAM. ISSN
0036-1429 (print), 1095-7170
(electronic). URL http://
epubs.siam.org/sam-bin/
dbq/article/27888.

Oleg:1997:IMT

[OR82] J. T. Oden and J. N. Reddy. An Introduction to the Math-
ematical Theory of Finite Elements. John Wiley and Sons,

Oloomi:2004:TTS

H. Oloomi and B. Shafai. Two-
time-scale distributions and
singular perturbations. Inter-
national Journal of Control,
77(11):1040–1049, 2004. CO-
DEN IJCOAZ. ISSN 0020-
7179.

Ould-Salihi:2000:BFD

M. L. Ould-Salihi, G.-H. Cot-
tet, and M. El Hamraoui.
Blending finite-difference and
vortex methods for incom-
pressible flow computations.
SIAM Journal on Scientific
Computing, 22(5):1655–1674
(electronic), 2000. CODEN
SJOCES3. ISSN 1064-8275
(print), 1095-7197 (electronic).

Oswald:1989:IHS

Peter Oswald. On C\textsuperscript{1} in-
terpolating hierarchical spline
bases. Technical Report N/89/16, Friedrich Schiller
Universit\text{"a}t, Jena, Germany, 1989.


REFERENCES

ISSN 0010-485X (print), 1436-5057 (electronic).

Oswald:1994:CRS

ISSN 0010-485X (print), 1436-5057 (electronic).

Oswald:1999:IPM


Of:2006:BET


Ovall:2007:HMT


Overton:1988:MME


Ovtchinnikov:1993:CWC


Ovtchinnikov:1999:RSC


Paglieri:1997:PCS

REFERENCES

Portero:2010:CDD

Papamichael:1989:NCM

Park:1995:DDM

Park:2004:PMD

Pasciak:1988:DDPb

Pasciak:1988:DDPa


REFERENCES


Papadrakakis:1994:DDP

Papadrakakis:1996:ACM

Parks:2008:CAC

Periaux:1997:DDM

Pain:1999:SAT

Perkins:1992:MDU
A. Louise Perkins. A mixed directed-undirected data structure for a parallel implementation of a domain decomposition algorithm. *BIT (Nordisk tidskrift for informationsbehan-

REFERENCES

Pavaro:2005:PSC

Pan:2003:DSM

Popp:2009:FDM

CODEN IJNMBH. ISSN 0029-5981.

Phillips:1990:SDD

Phillips:1992:PDD

Power:2007:NOD
Prado:2000:BTV


Pieska:2004:DDM


Pino:1992:DDN


Liang:1993:NCD


Liang:1990:NDD


Pieska:2005:PCM


Pohoata:2006:BET


Poincare:1896:MNP


Popoviciu:2002:PMS


Gavin J. Pringle. Embedding a ‘treecode’ on a MIMD parallel computer using a domain decomposition paradigm. Future
REFERENCES


Peng:2010:O


Pasquetti:2006:NNS


Przemieniecki:1963:MSA


Przemieniecki:1985:TMS


Papamichael:1988:DDM


Papamichael:1990:NPD


Papamichael:1992:DDM


Peric:1993:PMS

Perić, M.; Schreck, E. Ein parallel implementierter Mehrgitteralgorithm-


REFERENCES

**Peirano:2003:DDS**


**Panasenko:2008:FVI**


**Pavarino:1993:ISM**


**Pavarino:2000:ISM**


**Pavarino:2002:BP1**


**Papadopoulos:1991:DDF**


**Yang:1993:SDD**


**Pencheva:2003:BDD**

[PY03] Gergina Pencheva and Ivan Yotov. Balancing domain de-


Affio Quarteroni, J. Periaux, Y. Kutsnetsov, and O. Wid-

Shang:2009:FAS


Quarteroni:2006:ISD


Quarteroni:1987:DDT


Quarteroni:1989:DD


Quarteroni:1990:DDM


Quarteroni:1991:DDP


Quarteroni:1987:DDT

REFERENCES


[Rat00] Wigand Rathmann. Modellierung, Simulation und
REFERENCES


Reale:1994:PCU


Russell:1992:CMW


Repin:2008:AFF


Rivera-Gallego:2003:SAN


Rodriguez:2006:NND


Rheinbach:2009:PIS


Rivera:2010:PFE

[Christian A. Rivera, Mourad Heniche, Roland Glowinski, and Philippe A. Tanguy. Parallel finite element simulations of incompressible viscous fluid flow by domain decomposition with Lagrange multiplier...]


[Ruda:1997:SIE] Ulrich Rüde. Stability of implicit extrapolation meth-


REFERENCES

0377-0427 (print), 1879-1778 (electronic).

Rusten:1992:MFE

[RW92]

Rusten:1993:SPE

[RW93]

Rahman:2005:ASP

[RXH05]

Rui:1997:SDD

[RY97]

Rude:1998:MPE

[RZ98]

Saad:2000:PTL

[SAD+00]

Sala:2004:ATL
Marzio Sala. Analysis of two-level domain decomposition

[Sal04]

**Samarskii:1998:SIC**


**Shrimali:2010:CIT**


**Sarkis:1993:TLS**


**Sarkis:2003:PUC**


**Sassi:2003:DDA**


**Satofuka:2001:CFD**


**Succi:1989:FCP**


**Szabo:1991:FEA**

Barna Szabó and Ivo Babuška. *Finite Element Analysis*. John
REFERENCES


Schatz:1974:OCR


Schultz:1988:NAM


Schwandt:1996:GCI


Schöberl:1998:SSP


Scherer:2005:WNE


Scott:1994:EPU


L. Saas, I. Faille, F. Nataf, and F. Willien. Finite volume methods for domain decomposition on nonmatch-
ing grids with arbitrary inter-
face conditions. SIAM
Journal on Numerical Analy-
CODEN SJNAAM. ISSN
0036-1429 (print), 1095-7170
(electronic). URL http://
epubs.siam.org/sam-bin/
dbq/article/43405.

Shao:1990:SDD

[Sha90] Jian Ping Shao. A sym-
metric domain decomposition
method based on the sym-
metrization principle. Math.
Appl. (Wuhan), 3(2):6–11,
1990. ISSN 1001-9847.

Shao:1994:MVS

[Sha94] Jian Ping Shao. The modi-
ﬁed vertex space domain de-
composition method for Neu-
mann boundary value prob-
lems. In Domain decomposi-
tion methods in scientiﬁc and
ing engineering computing (Uni-
versity Park, PA, 1993), vol-
ume 180 of Contemp. Math.,
pages 325–336. AMS, Provi-
dence, RI, USA, 1994.

Singh:1993:PAF

[SHHG93] Jaswinder P. Singh, Chris
Holt, John L. Hennessy, and
Anoop Gupta. A parallel
adaptive fast multipole
method. In IEEE [IEE93],
pages 54–67. ISBN 0-8186-
4340-4 (paperback), 0-8186-
4341-2 (microfiche), 0-8186-
4342-0 (hardcover), 0-8186-
4346-3 (CD-ROM). ISSN
1063-9535. LCCN QA76.5.
S96 1993.

Shishkin:1993:IGM

G. I. Shishkin. Iterative
grid methods for singularly
perturbed elliptic equations
degenerating into zero-order
ones. Russian journal of nu-
merical analysis and mathem-
atical modelling, 8(4):341–
369, 1993. CODEN RINMEH.
ISSN 0927-6467.

Shi:1995:OPD

PeiHu Shi. Orthogonal projec-
tion of the domain boundary
operator for elliptic problem
by domain decomposition. J.
Southeast Univ. (English Ed.),
11(1):83–90, 1995. ISSN 1003-
7985.

Shishkin:1999:GAS

G. I. Shishkin. Grid approxi-
mation of singularly perturbed
boundary value problems in a
nonconvex domain with a piecewise-smooth boundary.
Mat. Model., 11(11):75–90,
1999. ISSN 0234-0879.

Shakib:1989:EEA

Farzin Shakib, Thomas J. R.
Hughes, and Zdeněk Jo-
han. Element-by-element algo-
rithms for nonsymmetric ma-
trix problems arising in ﬂui-
ds. In Solution of super-
large problems in computa-
tional mechanics (Mystic, CT,
1988), pages 1–33. Plenum,


[SK09] Fahad Saeed and Ashfaq Khokhar. A domain decomposition strategy for alignment of multiple biological

**Skogen:1992:SMP**


**Shi:2006:USC**


**Sheng:2004:DDA**


**Shih:1994:MCS**


**Shi:1998:PTC**


**Saleri:2007:GMA**


**Sun:2010:PGD**


[SR08] Linda Stals and Stephen Roberts. Preconditioners for low order thin plate spline approximations. In Domain decomposition methods in science and engineering XVII,
REFERENCES


Serre:2001:HOA


Saad:1986:GGM


Strikwerda:1993:DDM


Santos:1998:GPD


Sala:2008:PHP


Schnack:1996:NOD


Sala:2005:ICB


lated topics (Japanese) (Kyoto, 1999).

Sloot:2002:CSIa


Sloot:2002:CSIb


Sloot:2002:CSIc


Steklov:1901:GMS


Steinbach:1994:BED


Steinbach:1995:PIS


Steinbach:1996:GRE

Olaf Steinbach. Gebietszerlegungsmethoden mit Randintegralgleichungen und effiziente numerische Lösungsverfahren für gemischte Randwertprobleme. (German) [Area decomposition methods with boundary integral equations and efficient numeric solution procedures for mixed boundary value problems]. Universität


Suzuki:1997:INO


Samarskii:1995:VAS


Samarskii:1996:ICA


Shishkin:1996:PDD


Samarskii:1999:ASD


Samarskii:1999:DDM


Smith:1990:DD


Sbosny:1991:PMU

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>
REFERENCES


Sun:2009:DDMb


Sydow:1994:PSA


Schadle:2007:DDM


Tzatchkov:2003:DDS


Taha:1992:PAI


Tai:1994:DDL


Tai:2002:DDM

REFERENCES


REFERENCES


REFERENCES


Tiwari:2009:PPH


Tezduyar:1988:EEI


Tallec:1994:CBN


Tallec:1997:AMD


Tse:2001:SDD


Takagi:1987:NAE


Tallec:1994:BDD

[TMV94] Patrick Le Tallec, Jan Mandel, and Marina Vidrascu. Balancing domain decomposition for...

**Tallec:1998:NND**


**Torre:1994:DDM**


**Toselli:2004:DDM**


**Tourette:2001:ABC**


**Tzaferopoulos:1993:DCS**


**Tu:2008:BED**


**Tallec:1993:DDM**

P. Le Tallec and J. A. Sousa Rodrigues. Domain decomposition method with nonmatching grids applied to fluid dynamics. In *Finite elements in fluids, Part I, II (Barcelona,
REFERENCES


Xuemin Tu and Marcus Sarkis. Singular function enhanced


REFERENCES


**Trompert:1991:SRM**


**Timmermans:1993:SMA**


**Tallec:1999:ESM**


**Tsychko:2001:ITE**


**Toselli:2004:DDP**


**Tang:2007:CDD**

Huazhong Tang and Gerald Warnecke. On convergence


REFERENCES


**References**


Vidal:2008:BQI


Vanek:1997:TLM


Vulkov:2001:NAA


Wang:2003:QAD


Wait:1988:PPF


Wang:2001:NCP


Wang:2006:RFP


Wait:1988:FEA

REFERENCES


Wrobel:1991:CMF


Wan:2003:WPA


Wyrzykowski:2004:PPA


Wendland:2006:CAR


Wang:2010:ODD


White:1987:MPI

REFERENCES

[White:2000:DDS]

Whiteman:2000:MFE

Widlund:1984:IME

Widlund:1988:CSD

Widlund:1988:ISMb

Widlund:1988:ISMa
Olof B. Widlund. Iterative substructuring methods: The general elliptic case. In Computational Processes and
Widlund:1989:ISE

Widlund:1989:RCC

Widlund:1989:OIR

Widlund:1989:SDD

Widlund:1992:SSM

Widlund:1996:DDM
REFERENCES

Widlund:1997:PSM


Williams:1992:VOMa


Williams:1992:VOMb


Wirgin:2002:AMR


Wilkelm:2001:DDM


Wu:2003:DDA


Wong:2006:DDR


Wang:1997:TDE

J. Wang, P. Liewer, and E. Huang. Three-dimensional electromagnetic particle-in-cell with Monte Carlo collision simulations on three MIMD

**[WPT08]**


**[WR09]**


**[WST09]**


**[Woh01]**


**[WST09]**


**[Wicke:2009:MBF]**

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Yang:1996:PIN


Yang:2000:DD


Yang:2002:PDD


Yang:2010:PDD


Yang:2010:FID


Yang:2004:SAA


Ye:1998:DDLa

Ye:1998:DDLb


Guo:2009:CGL


Yates:2003:PIC


Yuan:1996:LBP


Yotov:2001:ISP

REFERENCES

Yserentant:1985:HBF


Yserentant:1986:HBG


Yserentant:1986:MLSa


Yserentant:1986:MLSb


Yserentant:1990:TPB


Yang:2003:CSU


Yu:1994:DDM


Yu:1995:RBS


Yu:1996:DND

REFERENCES


[Yu99b] Hongyi Yu. Solving parabolic problems with different time steps in different regions in space based on domain decomposition methods. Applied Numerical Mathematics:


REFERENCES

Zanolli:1987:DDA


Zavadskii:1982:MKR


Zhou:1995:OSS


Zhu:1987:NMP


Zhang:1991:MML


Zhang:1992:PID


Zhao:1987:MTF

He Sheng Zhao. The Marcinkiewicz theorem for Fourier series on compact Lie

Zhang:1991:SDD


Zhang:1992:PDD


Zhang:1992:PIA


Zhang:1992:DDA


Zhang:1992:MSMa


Zhang:1992:MSMb


Zhang:1993:OPD


Zhadaeva:1995:DDM


Zhadaeva:2006:DDA

REFERENCES

ISSN 0045-7825, 0374-2830.

ISSN 0168-9274 (print), 1873-5460 (electronic).


ISSN 1070-5325 (print), 1099-1506 (electronic).


ISSN 0096-3003 (print), 1873-5649 (electronic).


[Tie Zhang and Bao Kuan Li. Iterative domain decomposition algorithms for solving finite element equations. J.

[Zhang:1996:IDD]


