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$(2 + 1)$ [PZ98]. $0.5 \cos 2nx$ [Kob91]. $0.5 \cos Inx$ [Kob90]. 1 [BM91a, BM91b, FQ96, GBL+92, KO98, LLD92, LLD93, TH96a, VAVB92, VAVB93]. $1 + 1$ [YG94]. 11/2 [GBL+92]. 2 [BP90, BBF+99, BR97b, BDML94, COS+98, CC98, Clé96, Dau92a, Dau92b, Dob99, Dvo91, DK92d, DK92a, DK92c, DK92b, Eça96, Efr97, FLD93, FWBS94, FG97, GNHP95, GM96, GHS93b, Hu95, IM95, Ji96, Kan92, KL92a, Kar97, KCJ95, KO98, LMP92a, LMP92b, LQK98, Mat94, Mau99, MW94, Nor96, PH94, Pet96, PV99, PV93, RF96, RS94b, Str96, Str97, TA91b, TAD92a, Wal94, Wes92a, Wes92b]. $2N$ [SH98b]. 3 [Bor91b, Bor92a, Bor92b, BIAV98, COS+98, CDM98, CPB96, DH96, EL97a, FK97, FPB98, GHKH93, GS93, HKS98, ID96, KKH+99, KH97, LL95, MKM99, MKM04, Mar90, OS97, Oos97, PK94, Sal94, Sha95a, SS99c, TZA96, TLW95, Val90, Xia99]. $3d^N$ [YR93]. $^+$ [Lio96]. $_2$ [KE93]. $\mathrm{Ai}(x)$ [MPG92a, MPG92b]. α [ACT95]. β [CGKC92, CGKC93, RG90]. $C \exp(-\lambda|x|^\nu)$ [BES90]. d/dx [Ano95u, Str94]. $d = 2 + 1$ [Kou96]. Δ [TV94, Gou96a, VDJ93]. δf [DK95, DMZ91, KT95]. $E \times B$ [BDML94].

$F_m(x)$ [CP98b]. γ [JZQ+95]. h^4 [CGY92, CGY93]. $\mathrm{Je}_0(a, z)$ [DK90]. k [BH95, KL92b, LZ96]. $K(2, 2)$ [dLMSS95]. LU [Shu91]. m [KM92]. N [JDC94, SDG94, OGBSK90]. $\nabla \cdot (\sigma \nabla u) \approx f$ [ZY94]. O [PRMV90]. $O(n)$ [WA95]. $O(N^{-1})$ [KTE93]. ω [LZ96]. $\omega_{ce}\Delta t$ [PB91]. P [ST97, CLO93]. P^1 [ADS96]. $\partial u \partial t = (\partial \partial x)^\alpha \delta G \delta u$ [Fur99]. QZ [vD97b]. r [Ano99-30, CHR99, MRS98]. S^2 [PZ98]. S_n [MWS96]. U(1) [HN95]. ε [KL92b, TV94]. $X^T R$ [DÜ92b, DÜ92a]. Z [PRMV90, MRS98].

-Adaptive [Ano99-30, CHR99]. **-body** [OGBSK90, JDC94, SDG94]. **-d** [Mar90, CDM98, CC98, FQ96, HKS98, ID96, LMP92a, OS97]. **-dimensional** [Val90]. **-Functions** [Gou96a]. **-Space** [BH95]. **-Stable** [ST97]. **-Storage** [SH98b]. **-Version** [CLO93].

/algebraic [KL92b].

148 [CNG17]. **149** [Ano99-30]. **152** [MKM04].

2-D [KPCJ97]. **244** [Ano99-30]. **2d** [Lay90].

92 [LW96b].

ABCs [YP98]. **abruptly** [Lav90]. **Absolute** [CL98b]. **Absorbing** [BR92c, BR92d, Clé96, Col97, Hig92a, Hig92b, Hu96, JW90, PZC98, Pet98, Ren92a, Ren92b, RF96, Rom92a, Rom92b, SDI98, TAC98]. **Absorption** [Ber96, Ber94, MB92]. **Abstract** [Ano91a, Ano91b, Ano91c, Ano92a, Ano92b]. **Abstracts** [Ano90c, Ano90d, Ano90e, Ano90a, Ano90b, Ano90f, Ano91d, Ano91e, Ano91f, Ano92c, Ano93a, Ano93b, Ano93c, Ano93d, Ano93e, Ano93f, Ano93g, Ano93h, Ano93i, Ano93j, Ano93k, Ano93l, Ano94a, Ano94b, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano94h, Ano94i, Ano94j, Ano94k, Ano94l, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano95j, Ano95k, Ano95l, Ano95m, Ano95n, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96a, Ano96i, Ano96j, Ano96k, Ano96l, Ano96m, Ano96n, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano97l, Ano97m, Ano97n, Ano97o, Ano97p, Ano97q, Ano97r, Ano98a, Ano98b, Ano98c, Ano98d]. **Abstracts** [Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano98l, Ano98m, Ano98n, Ano98o, Ano98p, Ano98q, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99r, Ano99f, Ano99g, Ano99h, Ano99i, Ano99j, Ano99k, Ano99l, Ano99m, Ano99n, Ano99o, Ano99p, Ano99q]. **AC** [LJG96, WCO94]. **Accelerated** [BGM91, PHL93]. **Accelerating** [BR94, TWV97]. **Acceleration** [AAL97, Azm99, BGB99, Eye96, SPC92, SPC93]. **Acceptance** [Nea94]. **accepting** [DS90]. **access** [CV92a, CV92b]. **Accuracy** [AS99b, BT97a, BIAV98, CNG99, CP95, CK93b, FMO97, KKH+99, MW97,

Maz97, Raw90, Raw91, Sil93, SVG93, Vre91a, Vre91b, XP99, YG94, Zha98, AB94, Arm94, BT92a, BT92b, CNG17, GL96, Gre90, Gup90, Gup91, RS91, Sil92, SVG92]. **Accurate** [AD97, BR97a, BR97b, BPT95, Bri95, DVD93, DM97b, Dor99, EG95, FM97, HT95, HEOC97, Hen94, IH95, Jac95, KJ98, KPP99, Kul95, MH94, MLS99, MB94, Nor98, Nor95, PM98, RK95, RS94a, RH98, Sco96, SNU98, SW96, SH97, TH96a, TP97, VM94, VB95, Yak96, YMUS99, vBvNW95, BM90b, BM91c, KS92, Tak92a, Tak92b]. **Acknowledgment** [Ano95o, Ano96o]. **Acoustic** [AK99, WJTP96, Hig92a, Hig92b]. **Acoustics** [AGH99, AK94a, AE98, HHM96, QG98, SH98b, TW93]. **Action** [KB99, RP90, RP91]. **action-angle** [RP90, RP91]. **Active** [WJC93]. **Actuator** [HH98]. **Adaptation** [SR97]. **Adapted** [YB98]. **Adaption** [Hag94]. **Adaptive** [ALTP98, ABC94, ABC$^+$98, Ano97-29, Ano99-30, APS97, AC93, BD96, Bau97, BCM95a, BGM95, BK97a, BFO99, Bra93, CZ98, CHR99, CBS93, Coo99, Dvi90, Dvi91, Edw96b, FGM97, FS97, GBCA99, GO98, GMP92a, GMP92b, Har94, HJ98, HT97, JP95, JFH$^+$98, Kho98, KJ98, KP98, LW95, LLD93, LT93, LH95, LT96, Mav90, MF92, MQS97, MA96, MG97b, NB98, PK94, PBC$^+$95, PPM92a, PPM92b, PRL$^+$99, PGD99, RPB99, SLMS98, SRF93, SB96b, Str97, SL98, ST99, SAB$^+$99, TYS95, VP96, VP97, ZP95, ZLP97, AM90, AS90, AS91, BKM90, But90a, But91, CW90, CGR99, CW92c, DT90a, DT90b, Dar92, Dur91, DEO92, FM92, Fra92, GL96, HGH90, HGH91, LLD92, Nad95, Wes94, YM91, YM92b, YM92a]. **adaptive-grid** [YM91, YM92b, YM92a]. **Adaptively** [DP93, PV99, DP92a]. **adaptively-refined** [DP92a]. **Addition** [lX96, lX97]. **Additions** [Lin95]. **Additive** [Zho96]. **Adhesion** [ALTP98]. **ADI** [AS94, AK98, CZ98, HLD92b, HLD92a]. **ADI-Solver** [AK98]. **Adiabatic** [Vu96, Weg97, WK96]. **Adjacent** [Azm99]. **Adjacent-Cell** [Azm99]. **Adjoint** [WEQ$^+$99, YZ98]. **adjustable** [Fri90]. **Adjustment** [WNY93]. **Admittance** [WEMH99]. **admitting** [Shu92a]. **adoption** [SV91]. **Advance** [Mat94]. **Advanced** [GNH96, Zan97, YP92b, YP92a]. **Advances** [Sch99]. **Advancing** [KP98, Mav95]. **Advancing-Front** [KP98]. **Advection** [Ano97-29, AE95, BYMZY95, Bec94, BT97a, EP96, Fey98b, FPQ93, HMOS95, Hol94, HKvV95, OS98, OP97, PA95a, PBD94a, SWT98, SB96b, Sun93, Thu96, VK98, Wan97, WEQ$^+$99, AP90, AP91b, Ben92d, Ben92c, SG90]. **Advection-Diffusion** [BYMZY95, Bec94, EP96, FPQ93, HMOS95, OP97, PBD94a, SWT98, Wan97]. **Advection-Reaction** [WEQ$^+$99]. **Advective** [AGH99]. **Aeroacoustics** [Eka99, MLBW97, ÖL96]. **Aerodynamic** [Ari97, BB97a, KTN$^+$94, STG$^+$96, TWV97]. **aerodynamics** [FS91, FS92]. **Aeroelasticity** [Shu95]. **Aggregation** [WF99, VG92b, VG92a]. **Aided** [MB99]. **Air** [Sun96]. **Airflow** [Hol94]. **Airfoil** [SS99c, vBKG97, HPS92a, HPS92b]. **Airfoils** [FH98b, MDB91a, MDB91b]. **Airy** [CJR91, CJR92a, CJR92b, MPG92a, MPG92b]. **AlAs** [LK94b]. **ALE** [Smi99, LKK99, PFS98]. **Alfvén** [BK99]. **algebra** [WS91, WS92a, WS92b].

Algebraic [CWF96, Gou96b, Mat97, Spe95, SDI98, Wha96, KL92b]. **Algorithm** [AL97, AB97, AWY99, AFH94, BS99b, BS99c, BD94b, Boa97, BN94, BO98, BFO99, CDM98, CC97, CL93, DS99, DK95, DFaIM98, DHSS94, DD95, Due93, Edw96a, EM95, FD99, FS97, Fuj95, GBCA99, GMM99, GKDT96, Gou96a, Gra95, GNH96, GR97, Gre94, Hol94, JH97, JFH+98, Ji94, JMR94, JS93, Kar94, KF94, KM95, KT95, KNR99, Kul95, LeV98, Leh99, Lub93, MJP93, Mav95, MSV98, MDH98, NCF96, Nea94, NPV96, Ods93, ÖL96, Pal93, PDHS94, Pet94, QF99, Reb93, RF95, RH98, SD93a, SLMS98, SMJ98, Shy98, Shy99, SW99b, TS98, VP97, Vie94, Wan95, WL96, YL98, YG94, Zal97, ZC94, ZB96, ZDD99, Zin94a, Zin94b, BRR92, BG92, Bas92, BBK90, BBK91, Boy92b, BES90, BS91b, BS92a, BS92b, CR91, CW90, CGR99, CW92c]. **algorithm** [Dar93, DM91a, DM92a, DM92b, Dol92a, Dol92b, DS90, DLMN91, DLMN92b, DLMN92a, HB90a, HB91, JVR93, KH90, KH92, KHM92a, KHM92b, LDB96, LKLE90, LLEK91, LMP92a, LMP92b, LK90, LS92c, LS92d, Luc90, Luc91, LM92, MMS90a, Ods90a, Ods90b, Osb90, Osb91, PRS90, Par90, QS90, Rei92a, Rei92b, Row91, SG90, Sol92, SRSB93, Ver91, YSG91]. **Algorithmic** [SSB+99]. **Algorithms** [AS95a, ARB96, BCM99a, BR94, Boy92c, BFGG94, BCDL97, BCT98, CK96, CBSW98, CMM93, DH96, DS97a, DL93, DM93, ETRW95, EP99, Goe95, HBF93, HKW97, Kar97, Kho98, LeV97, LML99, Liu96b, Löh95, MRC93, Maz97, Nat91, PDHS94, Pli95, Pri95, Rap93, Rav97, RFL93, Rie94b, Ruu98b, SKR+93, SF96, SS95, SK96, SE90, SC97, SGW94, UL98, WS96, WD97, WH97, dM97a, Alm93, Bal95, BRL91, Dar92, FG90b, FG90a, GC90, HW92a, HW92b, Mak90a, MRD92, Nat90, RD91, Shu90, SLV90, TP92a, TP92b, Vre91a, Vre91b]. **aliasing** [Ben92a, Ben92b]. **all-pairs** [BF91]. **Alloys** [YZ98]. **Almost** [AKW93]. **along** [MB99]. **Alternate** [Taf95]. **Alternating** [DB98, MWW96, RY94, ZWS98]. **Alternating-Directional** [ZWS98]. **Alternative** [CO95, Pri94, Shu95]. **Amalgamation** [SP96]. **Ambient** [MSF94]. **Amplitude** [Nic99, ML92]. **analogy** [Glo92]. **Analyses** [Hwa94]. **Analysis** [AG97, Abg94, AN98, AR93, BK99, Can95, CS99, CB96, CSZ97, DH96, Efr97, FH98b, FQ96, Gho96, Gil97, GTA99, GBS99, HG94, Hes98, HB96, HI98, HHR99, ID96, JMDB99, KD97, KGH+98, KM93b, KB96, LNR99, LW97, Liu96b, Liu96a, MB99, Mas96, Mat97, NGN97, PNC94, PVVS98, Per93, RCA93, RHB94, SS96b, SMW99, SDP97, SC96a, SW99c, SHA95b, TS98, VM96a, VSG95, WEMH99, YP98, YS98a, Yav97, AF90, AF91, Bal95, Cha90, CH90b, CH91, CK90b, CK91, Fab92, GM92, JC92, KBS90, LKLE90, LLEK91, LS92c, LS92d, MS90a, MS91a, ND90, Osb90, Osb91, PO90, PO91, RCA92, Raw90, Raw91, Sch92b, Sch92a, Sch92c, TA91b, TAD92a, TAD92b]. **Analytic** [GM95b, NCF96, Dom90]. **Analytical** [Bar94, dFD+94]. **Anatomical** [JBA96]. **and/or** [CK96]. **anelastic** [Ful93]. **Angle** [AE98, NY98, DLMN91, DLMN92b, DLMN92a, RP90, RP91].

angle-dependent [DLMN91, DLMN92b, DLMN92a]. **Angular** [Ben95, UL98, Dvo91, DK92d, DK92c, Mik90, Mik91, RF90, RF91, WS91, WS92a, WS92b, Zan92a, Zan92b]. **Anisotropic** [ABBM96, Hag94, HKW97, MG96, Mav98, Oos97, TN98, Waj93, ZV97, vdVvdV98, AP91a]. **Anisotropically** [UL98]. **Anisotropy** [Kal97, TW94]. **Annealing** [CDR99, DS90]. **Announcement** [Ano90g, Ano92d, Bra99]. **Announcements** [Ano90h]. **Annulus** [CKSB97]. **Anomalies** [SR90]. **anti** [Ben92a, Ben92b]. **anti-spatial-aliasing** [Ben92a, Ben92b]. **Antiplane** [GT97]. **Apparent** [Jak93, DM92c]. **Appear** [Ano93a, Ano93b, Ano93c, Ano93d, Ano93e, Ano93g, Ano93h, Ano93i, Ano93j, Ano93k, Ano93l, Ano94a, Ano94b, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano94h, Ano94i, Ano94k, Ano94l, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano95j, Ano95k, Ano95m, Ano95n, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96a, Ano96i, Ano96j, Ano96k, Ano96l, Ano96m, Ano96n, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano97l, Ano97m, Ano97n, Ano97o, Ano97p, Ano97q, Ano97r, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano98l, Ano98m, Ano98n, Ano98o, Ano98p, Ano98q]. **Appear** [Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99r, Ano99f, Ano99g, Ano99h, Ano99i, Ano99j, Ano99k, Ano99l, Ano99m, Ano99n, Ano99o, Ano99p, Ano99q, Ano90c, Ano90d, Ano90e, Ano90a, Ano90b, Ano90f, Ano90p, Ano90q, Ano91a, Ano91d, Ano91b, Ano91e, Ano91f, Ano91c, Ano91q, Ano91o, Ano91p, Ano92a, Ano92c, Ano92b, Ano92k, Ano93f, Ano94j, Ano95l, Hor90]. **appearing** [DS90]. **Application** [ARTAAA97, AC92, AAP97, BFW98, BCRR98, BG92, Bas92, BS99d, BS99e, Boy94, Boy95a, Boy96b, Boy97a, BGP98, CGA94, CS99, CM93, CKE99, DBS94, DZ96, Fen99, GTD98, HCZ99, Hol94, HLOZ97, IH95, KvdVPG95, KE93, LS93a, MML98, Mas96, NPC93, NB98, Pal93, PFRB93, RG97, SB96a, Sak96, Shu95, Tol94, Tót97, Tsy95, WNY93, Wit96a, XS93, YS98a, YMB$^+$91, ZLP97, ZRR99, Dar90c, Dar91b, DM91a, DM92a, DM92b, GMP92a, GMP92b, KH90, KH92, LS92b, MDB91a, MDB91b, TSS92, YR98]. **Applications** [Ben95, BCT98, Don94, FH97, Kla96, Luk99, RvR93, SMD98, Sch99, vL97a, vL97b, Dar90b, Dar93, KL97, Nat90, Nat91, Rei92a, Rei92b]. **Applied** [ALW94, ABS96, BD93, BK97b, CAA93, Cra94, DFaIM98, ES94, EP96, FO93, Gla95, Gra95, KI99, Kno98, Man93b, NC99, PH95a, SK94, Sco96, Set94, WLC96, BB90a, BB91a, Dol92a, Dol92b, NSR92a, NSR92b, PC92b, PC92a, YP92b, YP92a]. **Approach** [Abg96, AS95a, AS95b, AS97, BKP96, Cha95, Coo99, FAMO99, FHKZ97, GDP96, HOS96, HRL99, KP97b, KNR99, LWT99, LLT94, Lya99, MBO94, Pap93, Rom97, Ruu98a, SFHD99, SSO94, SAB$^+$99, TS96, TSW95, Tou98, Wit96b, ZCMO96, ZMOW98, DHS91, Gra90, JB91, JBvK$^+$91, LKLE90, LLEK91, MIM90, Pap92, SW92, TSR92, VY91, VY92, VG92b, VG92a, YSG91]. **approach-algorithm** [LLEK91]. **Approaches** [CP95, PMR97, FS91, FS92].

Approved [Tay91]. **Approximate** [Bai97, BHJU99, DW94a, DD92b, Gla95, Gla92b, Gla92a, Gre94, Roe97a, Sai95, SCM98, SLL94, TK96, Tou92]. **Approximate-Factorization** [BNW96]. **Approximately** [KTN+94]. **Approximating** [BS99d, CK90b, CK91, NM95, LO91a, LO91b]. **Approximation** [Ano94s, ACT95, ADS96, BCM95a, BGM95, Cor96, FH94, FPB98, FPQ93, Her93, HS93b, MP93, Ohw98, PR93b, Sai95, SNU98, Smo98, SVG93, Wer95, Car91, KS92, LM90c, NSR92a, NSR92b, SVG92, TEKC92]. **Approximations** [BCDL97, GTA99, HMOS95, SK94, SRVK96, Ano95u, BB90a, BB91a, BT92a, BT92b, MPG92a, MPG92b, Str94, WDH+92a, WDH+92b]. **Arbitrary** [AB97, AWY99, AD93, BIAV98, CG96, CNG99, Gra99, HAC97, Hum96a, Hwa94, KW93, LV98, Mar97, MG97b, PFS98, Smi99, Tab96, Tau94, UI99, UKSTST97, Ush96, CNG17, GL96, MS91b, MS92b, MS92a, Rob90b]. **Arc** [Poy92, WCO94]. **Architectures** [SDG94]. **Arctan** [Boy91b, Boy92a]. **Arctan/Tan** [Boy91b, Boy92a]. **ARCTIC** [MMW96]. **Areas** [YPH94]. **Arguments** [CP98b, CJR91, CJR92a, CJR92b]. **arising** [CGSS90, CGSS91, Nat92a]. **Arnoldi** [Nat92a, KvdVPG95]. **Arnoldi-based** [Nat92a]. **Array** [EA97, SK94]. **Arrays** [DS97a, BF91]. **arrowhead** [OS90]. **Arteriolar** [AMP+98]. **Article** [Ano99-30, Van99, TT90]. **Artifacts** [SS99b, SMSS98]. **Artificial** [AD93, BL99, BH96, Boy98, CS98a, CSW98, Cot96, DR96, Efr97, TZA96, Tou97, Tou98, XMJ95, HLB94, MW93, Yan90]. **Aspect** [Kal97, SP98, VRD99]. **Aspects** [KKH+99]. **ASPEN** [VBD99]. **Assemblages** [HM99, ZDG95]. **assemblies** [CPP93, LDB96]. **Assessment** [CP95, XP99, Sur94]. **Assimilation** [Lya99]. **Associated** [SPC93, MRD92, SPC92]. **astronomical** [Rei92a, Rei92b]. **Asymptotic** [AN98, CS93b, CM91, CJ95b, FEO95, JYH93, ZOI97, Bor91a, BLA92a, BLA92b, DK92a, DK92b]. **Asymptotically** [AD97]. **asymptotics** [Kle95]. **Atmosphere** [ALW94, Tol94]. **Atmospheres** [CMMH94]. **Atmospheric** [Ano97-29, FWBS94, Hol94, SPCD96, SB96b, SNL90]. **Atom** [Hof95, KKOF97]. **Atom-Centered** [Hof95]. **Atomic** [dFD+94, LKB90, MAS92]. **Atomistic** [Had99]. **Atomistic-Continuum** [Had99]. **Atoms** [BK97b, HM99]. **Attached** [DW93]. **attenuating** [Nic93]. **Augmented** [Fra95]. **AUSM** [Lio96, Smi99]. **Author** [Ano90i, Ano90j, Ano90k, Ano90l, Ano90m, Ano90n, Ano91h, Ano91g, Ano91i, Ano91j, Ano91k, Ano91l, Ano92e, Ano92f, Ano92g, Ano92h, Ano92i, Ano92j, Ano93m, Ano93n, Ano93o, Ano93p, Ano93q, Ano93r, Ano94m, Ano94n, Ano94o, Ano94p, Ano94q, Ano95p, Ano95q, Ano95r, Ano95s, Ano95t, Ano96p, Ano96q, Ano96r, Ano96s, Ano96t, Ano96u, Ano96v, Ano96w, Ano97s, Ano97t, Ano97u, Ano97v, Ano97w, Ano97x, Ano97y, Ano97z, Ano97-27, Ano97-28, Ano98r, Ano98s, Ano98t, Ano98u, Ano98v, Ano98w, Ano98x, Ano98y, Ano98z, Ano98-27, Ano99s, Ano99t, Ano99u, Ano99v, Ano99w, Ano99x, Ano99y, Ano99z, Ano99-27, Ano99-28]. **Automata** [Kre98, RMO99, vWBS+97, BRR92]. **Automated** [WS91, WS92a, WS92b]. **Automatic** [CMW95, GNH96, Nog93, STG+96, Tiw98, LP90]. **automation**

[BB90b]. **Automaton** [SBC99, BB91c, CMK90]. **Auxiliary** [LO93, OB95, PC92a]. **auxiliary-heated** [PC92a]. **auxilliary** [PC92b]. **auxilliary-heated** [PC92b]. **Average** [BLG97, OGBSK90, VM90]. **Average-State** [BLG97]. **Averaged** [AAL97, CW93, CPJ90, DHS91]. **Averaging** [Smo98]. **axes** [Lay90]. **Axi** [NB98, Sch95a]. **Axi-symmetric** [NB98, Sch95a]. **Axially** [DÜ92a, SLMS98, DÜ92b]. **Axillary** [KOS+96]. **Axisymmetric** [AM96, ART95a, ART95b, KC93, MG97a, PBD94b, PS93b, RH99, WJC93, XS93, HCJ92a, HCJ92b, KBS90, KC92, PDC91, LS98]. **Axisymmetrization** [Kou97].

B [HB90b, KMS99, Man93a, SM98a]. **B-Spline** [KMS99, Man93a, SM98a]. **B-splines** [HB90b]. **Backflow** [RHT96]. **Background** [Tan94, GCMR90]. **Backward** [HIY95, Zhu95]. **Backward-Facing** [Zhu95]. **Baffled** [SK94]. **Balance** [AAL97, APS97, YM95]. **Balancing** [FLD93, LeV98, BBK90, BBK91]. **Ball** [Rap93]. **Ballistically** [LPR96]. **Band** [AK99, Dob99, FK97, För96]. **Band-Gap** [AK99]. **Bands** [GT97]. **Baroclinic** [Die95, HdS97, Hig99]. **Barotropic** [Die95, HdS97, Hig99, TG96, Gla91]. **Barotropic-Baroclinic** [HdS97, Hig99]. **Based** [Ano99-30, Bis95, BS96, CHR99, CG97b, CS97b, Cod99, Cor96, Dur93, Fuj95, GS97a, GC95, Hag94, HRR94, JLM+96, LS96, LH95, MS98, NY98, OG97, Oos97, PMO+99, Sai95, SZ97, SWS96, SFHD99, SF96, SC97, Spe95, SR97, Str99a, TZA96, WKMH97, WS93, Xu97, Xu99, YSD99, Dur91, DEO92, FS91, FS92, FVZ90, Kle95, LDB96, Luc90, Luc91, Mul92b, Mul92a, Nat92a, Ver91]. **Bases** [BK97a, KP97a]. **Basic** [GM95a, Rus90]. **Basics** [Dru99]. **Basin** [Boy96b, Boy97a, Ma93a, Ver97a, Ver97b]. **Basis** [BK94, CP98a, Gou96b, KOS+96, MP93, QF99, UWSB90, UWSB91, VSG95]. **Basis-spline** [UWSB90, UWSB91]. **bathymetry** [LG94]. **Battle** [ZLP97]. **Baxter** [PRMV90]. **BDF** [vM95]. **Be** [AAK+93]. **Beach** [GGP97]. **Bead** [JVS97]. **Beam** [KT95, LLR94, MMW96, YCTC97, Mik90, Mik91]. **beam-beam** [Mik90, Mik91]. **Beams** [Bör97, KST90, KST91]. **Bean** [Pri96]. **Bearing** [GDP96]. **Beatwave** [BGB99]. **Beck** [Liu96a]. **becomes** [DM92c]. **bed** [CGSS90, CGSS91]. **Beds** [vWBS+97]. **Behaved** [AR97b]. **Behavior** [CL98a, Die95, KM97a, Vad95, ZMOW98, AF90, Rob90a]. **behaviors** [TZWH92b, TZWH92a]. **behaviour** [AF91]. **Beltrami** [Dar93]. **BEM** [vM95]. **Bénard** [CT98, Gel99]. **Benchmark** [CH90b, CH91, TO98]. **Benchmarking** [CK90a]. **Bessel** [Jab94, PDL93, Raw90, Raw91, SBKH92]. **Beta** [Bri95]. **Beta-Function** [Bri95]. **Better** [Lub93]. **between** [CDM98, CS97a, FV97, GBL+92, LG90, LG91, MMS90a, ÖM95, RMO99]. **Beware** [Hil97]. **Beyond** [BH98]. **BGK** [FH98a, KKH+99, KJ98, Xu97]. **BGK-Based** [Xu97]. **Bi** [ID96]. **Bi-grid** [ID96]. **Bias** [AT99]. **Biased** [Li97]. **Biasing** [UL98]. **Biaxial** [YP98]. **biconjugate** [JE90, KH90, KH92]. **bifurcated** [HG91, HG92]. **Bifurcating** [Bal94a]. **Bifurcation** [KD97, hYsY96, GGH90, She90, She91, VBB90]. **Bifurcations**

[AAP97, PA95b]. **Big** [Ben96, Rie99b]. **Biharmonic** [Mar94a]. **Billiard** [Rap93]. **Billiard-Ball** [Rap93]. **billiards** [Lub91]. **Binaries** [SD93a]. **Binary** [ES98, FA97, Kre98, YZ98]. **Binding** [EA97, JMDB99]. **Binning** [SGW94]. **Binomial** [GÖAY95]. **Biofilm** [DFFG96, SCC93b]. **Biological** [Kla96]. **Biomolecular** [SS99b, Sch99]. **Biophysics** [Ano99r, SSB+99, Sch99]. **Biperiodic** [Mau99]. **Bird** [BK97b]. **Bisection** [Ji96, Gre91, Gre92a, Gre92b]. **Black** [MDH98, dG96]. **BLAS** [DHSS94]. **Blob** [CLD+96, DD95]. **Blobs** [MG96, HM95]. **Bloch** [GMPGV96]. **Block** [CN95, DF98, Fat99, WL96, ZS97, IM95]. **block-matrix** [IM95]. **blowup** [TSS92]. **Bodies** [ARTAAA97, Xia99, RIW90, Sal91, dG92a, dG92b]. **Body** [AKW93, BF97, Cra94, JDC94, JBA96, Lan97, MRC93, PM93, SDG94, Swe94, TWV97, dG96, HB90b, OGBSK90, PM92, YHW90, YHW91]. **Boltzmann** [Abe97, Anc94, BLT96, DGD90, FO93, HN95, HLD96, HD97, HCD98, HCZ99, HZC+95, HSZ+97, Kla99, LBC+93, LM97, LW94, MS98, MLS99, MBI+97, Ohw98, PHL93, PVVS98, RW96b, RSW98, SC96a, TV94, Tiw98, YH95]. **Boltzmann-like** [LBC+93]. **Born** [Bar94]. **bounce** [DHS91]. **bounce-averaged** [DHS91]. **Bound** [Boy96a, Cra94, FK97, dAT95]. **Bound-State** [dAT95]. **Boundaries** [APV98, BFW98, DR96, FAH97, Joh93, JMR94, KKH+99, Nak95, PP93, SF99, Wer95, YMUS99, ZHL96, CS91, HL90, HL91, Poi91, Wes94]. **boundaries-adaptive** [Wes94]. **Boundary** [APV98, AC95, AK95, AE98, AMP+98, BH96, BPT95, BC99, Ber95, BJ95, BW98, Bot98, Boy98, CLO93, CP90, CGA93, CGA94, CMW95, CJR95, Clé96, Cor96, DR96, DW93, DNN93, DFFG96, DS94, EL96b, Eça96, EP99, Eve96, FH94, Fer95, FJ98, GGG94, GS96a, GC95, GGK95, GHS93a, Gri94, GK95, GK96, GK98, GZ95, GS97b, HG94, HIY95, Hew97, HR96, Hu95, Hu96, IH95, Ji94, JB93, JC98, Joh93, KKK95, KLP94, Leb99, LTE93, LEI96, LM90c, LE90, LE91, LL95, LLK98, LT96, LWS98, Mal96a, Mar93, MM95a, Mas96, MLS99, MA96, Nak95, Nic99, Nor95, NC99, OK94, PNC94, PPBC93, Pen95, PZC98, Pet98, PH95b, PL92b, Poi92, RM93, Ram97a, Rea97, RF96, RPB99, SSR96, SB96a, SY97, SVV98, SI94, SR98, SG98, SW99c, SDI98, SWD95, TS96]. **Boundary** [TW94, TAC98, TKT97, TG96, TH96b, Tou97, Tou98, Vie94, Wan97, Wan99, ZC94, ZW97, Zho98, ZCH96, Zin94a, ZOI97, ZRR99, Bey91, Bey92, Bor91b, Bor92a, Bor92b, Boy91b, Boy92a, BDR91, BR92c, BR92d, Cal90, Cal91, CW92a, CW92b, CWG90, CWG91, Che91, CS92b, CS92c, Dom90, Fer90a, Fer90b, For90, For92c, FMS92, Giv90, Giv91, Glo92, HLB94, HTK90, Hig92a, Hig92b, HS90, Jac90, JW90, Kan92, KL92a, Kar91, Kar92, KR95, LGC92, LG94, Mal90, Mit92, Or94, PPBC92, PTM92, Poy92, QR90, Ram92a, Ram92b, RR90, RR91, Ren92a, Ren92b, Rom92a, Rom92b, Ros90, RWC90, SKK90, SKK91, SH92, Sal91, SRSB93, TSR92, Tho90, UWSB90, UWSB91, VMK91, Wes92a, Wes92b, YHW90, YHW91, dG92a, dG92b, vdVMK92b, vdVMK92a]. **Boundary-Fitted** [BW98, SKK90, SKK91, SH92, Wes92a, Wes92b].

Boundary-Induced [Mar93]. **Boundary-Layer** [BJ95, Mal96a, MM95a, Mas96, Zho98]. **boundary-value** [Or94]. **Bounded** [Boy96b, Boy97a, KMM96, PFRB93, PPBC93, PR93b, TSW95, VD97a, VAVB93, AN90, PPBC92, VAVB92]. **boundedness** [Tas92]. **Boussinesq** [CM95, LMP92a, LMP92b]. **Bowyer** [Reb93]. **Box** [LS92c, LS92d, LL95, MDH98]. **Box-counting** [LS92c, LS92d]. **Breakdown** [RCA93, RCA92]. **Breaking** [AAP97, hYsY96, BLK90]. **breakup** [SE90]. **Bridges** [Hel96]. **Brief** [Nac96]. **Broken** [GS97b]. **Broken-Ice** [GS97b]. **Brown** [KD97]. **Brownian** [EA97, Yin96]. **Bubble** [Dar95, Dar96, DE99, HG94, TM93, SCA92a]. **Bubble-Laden** [DE99]. **Bubble-Slug** [TM93]. **Bubbles** [ZYKC98, ZMOW98, MD90]. **Bubnov** [AC92]. **Buff** [LPP99]. **Bulk** [HKW97, KB96]. **Buoyancy** [LSLG97]. **Burger** [Boy91b, Poy92, YP92b]. **Burgers'** [MS91a, YP92a, AC93, Boy92a, CK90a, MS90a].

Calculate [AFH94]. **calculated** [SH92, YHW90, YHW91]. **Calculating** [BFO99, DL94b, oJ95, oJ97, KTN+94, OBL93, OS98, RMSB96, SMT99, TS96, YB98, Zin94b, BE91, BE92a, BE92b, DLMN91, DLMN92b, DLMN92a, TSR92]. **Calculation** [BD94b, Bru93, ETRW95, För96, GQ97, Jac99, JV95, Lav90, PJ94, Pap93, Sch95a, Sho93, TWV97, TH96b, XS93, lX96, lX97, BS90, BS91a, BF91, Bru92, GLM+90, GSY92, Got92, HHG91, HHG92, LDB96, MDB91a, MDB91b, ML92, Pap92, Rob90b]. **Calculations** [Abg96, AR97b, BGGT90, Boy96b, Boy97a, CL98a, CJ95b, Dob99, EB94, Fat99, Goe95, HL98, JB93, Kar94, LPP99, MP93, MWS96, NMW+96, PS93a, PDS99, PR93a, PG97, RC95, RK99, RHT96, SK93, Ske98, WJC93, WP97, Wri98, WCSW99, Xu97, BLMR92, Blu92, CLJ+90, CHL+90, HPS92a, HPS92b, HSN90, HB90a, HB91, PH94, YTS92]. **Calculus** [DÜ92a, DÜ92b]. **Cancellation** [SMT99]. **Canonical** [LPP99, Sch95b, KF91]. **Cao** [Ano99-30]. **Capable** [SBC99]. **Capacitance** [BL93, BL92]. **Capacitances** [Rea97]. **Capacity** [LEI96, GSY92, Got92]. **Capillary** [CF94, HF98, HM90]. **Capturing** [AR97a, BKP96, CHMO96, DW95b, DM96, GMS+99, HP93, KP97b, Lav93, Shy98, TH96a, Ton96, UI99, Yee97, YSD99, ZMOW98, HP92, kM90, kM91, YP92b, YP92a, YKM90]. **Carcinogen** [BH99]. **Carcinogen-Damaged** [BH99]. **Cardinal** [Boy92d]. **cardiovascular** [VY91, VY92]. **Carlo** [WONM96, AT99, BPS95, BRL91, Boy90, Boy91a, BGM91, CB96, COBA95, DR90, DB96, EM94, EHM97, GBCA99, Gre98, HBF93, KNR99, KE93, Kuh96, Lif92, MSV98, MC95, Nea94, Nic93, PC99a, Pri90, Pri91, Rie94b, STAS91, SH90, Sch95b, SFHD99, STS+97, UL98, Val91a, Val91b, WVHS98, XP99]. **Carrier** [SB98]. **Cartesian** [ALTP98, CP95, DP92a, DP93, Fis94, FJ98, JC98, LZG99, PBC+95, PR93b, UKSTST97, YMUS99]. **Cartesian-Grid** [FJ98]. **Cartesian-Mesh** [CP95]. **Cartesian-Product** [PR93b]. **Case** [AK99, DF98, Jun99, kM93a, PC99a, AP91a, Mao92b, RLM90, GACN93]. **Cases** [LS98, CS91]. **Casing** [LTE93]. **Casting** [LPR96, BBC+90, BBC+91].

CASTOR [BK99, KGH+98]. **Catastrophe** [VSG95]. **Cathodic** [LTE93]. **Cauchy** [Abr91a, Abr91b, BGH+97, BGH+99, NM95]. **Cauchy-Characteristic** [BGH+97, BGH+99]. **Causal** [AS94]. **Caused** [BDML94, Ush96]. **Caustic** [Bas92, BG92]. **cavitation** [SCA92a, SCA92b]. **Cavities** [HK98]. **Cavity** [HZC+95, JV95, MWM94, RWW94, GGH90, She90, She91]. **Cebysev** [GE92]. **Cell** [Azm99, BH98, Bot98, Bru93, CMM93, Edw96b, GH95, GH97, JLSM97, Kal97, OBL93, QF99, RHT96, TM94, Vu96, VBD99, Bra90, Bra91, Bru92, BSB92, FPRB90, FPRB91, KW92, MK90, MDHW92a, MDHW92b, MRS94, PC92b, PC92a, Wes94]. **cell-centered** [KW92, MDHW92a, MDHW92b]. **Cells** [ALTP98, BF97, Lan97, SSW98]. **Cellular** [Kre98, RMO99, vWBS+97, BRR92, BB90b, BB91c, CMK90]. **Center** [SH99]. **Centered** [Edw96b, Hof95, Sjö95a, KW92, MDHW92a, MDHW92b]. **Central** [GO98, JT93, NT90, ST92b]. **central-difference** [ST92b]. **Centre** [KPCJ97]. **Centred** [GN96]. **Ceramic** [BMJ+97]. **Certain** [Sen99]. **CFD** [GNH96, KH97, MG97b]. **CG** [VSM99]. **Chain** [CSZ97, JVS97, SVS90, SVS91]. **Chakravarthy** [Shu97]. **Challenges** [SSB+99]. **changing** [Lav90]. **Channel** [BH96, CBL95, HG94, LL93a, MH93, PS93a, RHB94, Sie99, Dom90, HLB94, KHM92a, KHM92b]. **Channels** [VC99, TPL90]. **Chaos** [AAK+93, HA93, PV93]. **Chaotic** [KCJ95, dM97a]. **Chapman** [GA98, KT99]. **Characteristic** [BGH+97, BGH+99, FMO98, HL98, LS92b, LS93a, Leh99, Mal96b, Nic99, RH98, SF96, YSD99, GWI92]. **Characteristic-Based** [SF96, YSD99]. **Characteristics** [MW97, MM95a, MQS95, WK99b, XPK90]. **Characterization** [GH97]. **Charge** [BH95, Fen99, Hum96b, BW90, BW91, GSY92, Got92, Hor90, Hor91, Mik90, Mik91]. **Charged** [Hum96b, KC93, LLR94, MMW96, VB95, CPP93, KC92]. **Charged-Particle** [Hum96b]. **Chebychev** [RF96]. **Chebyshev** [BT92a, BT92b, BCM95a, BCM95b, BBMB97, Boy92b, Boy92c, Boy95a, Boy98, BSPL96, BE91, BE92a, BE92b, CJ95a, DVD93, DD90, DD91, Fra95, GMCH92, KI99, KK96, Kop96, KTE93, LMP92a, LMP92b, LRW95, MBV93, Mal96a, MMB90, NPC93, NC93, PBD94a, RK93, SD93b, Sen99, SK93, TKKB92, Tes92, WNY93, Wer95, ZY94]. **Check** [FK90]. **Chemical** [Ano94s, BN94, EGS96, Gou96b, LW96b, RC95, SPCD96, WH97, Shu91, Shu92b, Shu92c, SCC93a]. **Chemically** [Edw96a, GSB98, CYD92]. **Chemistry** [EGS96, FMO97, NWK98, OBL93, CYD92, GC90, Shu90, SLV90]. **Christoffel** [Yak96]. **Circuit** [VD97a, VAVB93, VAVB92]. **Circular** [AR96, DNN93, HD97, PM98, Ver97a, Ver97b, hYsY96, IT90]. **Circulating** [ALTP98]. **Circulation** [Bry97, HdS97, Sem97, SH94, UWH99, Waj93, WH98, HWY90, HWY91]. **Circulations** [LBB94]. **Class** [Bar94, BKV98, Kob99, LPMS94, Nor98, VLM98, VSM99, For92c, FMS92, ISW92a, ISW92b, KL97, SG92a, SG92b]. **Classical** [Dru99, FHL97, Rei99, Sch95b, SW99b, Yak96, BG92, Bas92].

Clebsch [GÖAY95]. **Cloot** [Boy94]. **Close** [Zin94a]. **Closed** [KP97b, KP98, SVS90, SVS91, Sen99, SCC93b, VD90]. **closed-end** [VD90]. **Closed-Form** [Sen99]. **Closet** [SW94]. **Closures** [BHJU99]. **Cloud** [DS97b]. **Clouds** [BF97, KPCJ97, Lan97]. **Clouds-in-Cells** [BF97, Lan97]. **Clouds-in-Clouds** [BF97, Lan97]. **Cluster** [HK93b, BGM91, Lif92, VG92b, VG92a]. **Clustering** [Ser96]. **Clusters** [LW96b]. **Coagulation** [SGW94, Lif92]. **Coalescing** [SD93a]. **Coarse** [EL96c]. **coarsening** [DS99, Mul92b, Mul92a]. **Coastal** [SR99, TG96]. **Coated** [ART95a, ART95b]. **Coating** [BD94a, CS97a, CS99, RLT93]. **cochlea** [Bey91, Bey92]. **Code** [BBF$^+$99, Bar90, BO96, BDML94, CDM98, CW93, FLD93, GBS$^+$93, GRB$^+$95, KC93, LPC$^+$93, MMW96, OS97, PFS98, Swe94, Swi96, Tay94, TLW95, Vu96, Vu98, Web98, AN90, GB90, GBS$^+$90, KC92, LP90, MS91b, MS92b, MS92a, MK90, Nic93, Poi91, Val90]. **Codes** [JLM$^+$96, NMW$^+$96, PSL99, TO98, Tót97, VD97a, VAVB93, Duk91, DM92d, DM92e, GBL$^+$92, Par90, Pri90, Pri91, VAVB92]. **coditions** [Bas92]. **Coefficient** [Boy95b, Boy97b, EL96c, Mot98, SR99, WNY93]. **Coefficients** [AIV99, Boy94, CS93b, CSW95, GÖAY95, SZ97, SS96c, VSM99, lX96, lX97, lX98, ML92]. **Coil** [KWG94]. **Collapse** [Man93b, MIM90]. **Collection** [Eyr95, TRL99]. **Colliding** [MKM99, MKM04]. **Collision** [JLM$^+$96, NY98, Nun93, AAP$^+$95, LBC$^+$93]. **Collision-Free** [Nun93]. **Collisional** [GGZ93, MK97, Dem92a, Dem92b, RD92a, RD92b, Rus90]. **Collisions** [MLJ97, WONM96]. **Collocated** [LL96, Taf95]. **Collocation** [BM94, BBMB97, CG93, CD98, DVD93, DS94, Göt99, Hei98, HDL99, Hol96a, KOS$^+$96, Kou96, Lif96, MBV93, MG97a, MS93, RK93, VPS95, VP96, VP97, WNY93, DD90, DD91, EHW90, EHW91, KR95, LMP92a, LMP92b, SD93b, UWSB90, UWSB91]. **Colocated** [Dor99]. **combinations** [LJT92a, LJT92b]. **Combined** [BMZ95, CF98, CF99, JVS97, dFD$^+$94, BS90, yGmC92, GC92]. **Combining** [COBA95, WVHS98]. **Combustion** [PC98]. **Comment** [RNSV91, Wer98]. **Comments** [Abd95, Boy98, Lif96, Per95, Ske98]. **Comminution** [Eyr95]. **Common** [Maz97]. **Communication** [JJK92]. **Commutative** [VLM98]. **Comp** [MKM04]. **Compact** [AS96, CGA93, CGA94, CF98, CF99, DM97b, Dor99, EL96a, Eka99, GS97a, GKZ97a, HKW97, oJ97, Lel92, Mar94a, Rav97, RF95, Sha99, Tol94, TL98, Yav97, Yee97]. **Compact-Difference** [Sha99]. **Compact-Difference-Based** [GS97a]. **Compact-ENO** [AS96]. **Compacton** [dLMSS95]. **Comparative** [Eye96, SS99a, SF96, YP92b, YP92a]. **Comparing** [LDB98, UWH99]. **Comparison** [BLMR92, Blu92, CDM98, CS97a, CE97, CJ95b, DOOSM99, FV97, GBL$^+$92, GKZ97b, HHF95, HOS93, LBB94, LD93, Mak90a, Mei98, NMW$^+$96, NM95, PB98, PMR97, PC99b, ST95, TZA96, TO96, WEMH99, YP98, FS91, FS92, Hal90a, Hal90b, LRB$^+$90, LBC$^+$91, PC92b, PC92a]. **Compatibility** [HW96]. **Compatible** [CBSW98, VK98]. **Compensating** [Jai97]. **Complement** [CD95b]. **Complementary** [FMO98, Ram97a]. **complete** [HG91, HG92]. **Complex** [AD97, Adh92a, Adh92b, BMGM95, CBL95, CP98b, CSZ97, DECB98,

DL94b, FM97, GP98a, GM95a, GS95, GS96a, JMDB99, JT99, KMS99, Ku95, MGM95, Sch99, VLM98, YMUS99, dAT95, CYD92, CM91, CJR91, CJR92a, CJR92b, Dar90b, KvdVPG95, SD93b, SBGM92]. **Complexity** [Goe95, WA95]. **Component** [SCT+99, Lar91]. **Components** [oJ95, oJ97, SSW98]. **Composite** [ACLW97, CH90a, Fat99, GO98, GS96a, HW97, PM93, SW99a, WS93, PM92]. **Composites** [Hel95]. **Composition** [Hum96a]. **compound** [LR92]. **Compressibility** [TZA96]. **Compressible** [BD96, BR97a, BLG97, BW98, CHL+90, CS97b, CCG95, CMM93, ES93, FB94, FAH97, FMM99, GK94, GHKH93, Han93a, Han93b, HL98, Kop94, KK96, Kop96, Kop98, Lee98b, LQK98, LKK99, LBL98, PBC+95, PG97, RG97, Sam97, SA99, SBGK99, SMT99, SMJ98, Shy98, Shy99, Sjö95a, Sjö95b, Tid97, TO98, Tou97, Tou98, WNY93, WP97, Wel98, vBKG97, vdVvdV98, BB90a, BB91a, Dar90b, Dar90c, Dar91b, DeV91, ES92, HW92a, HW92b, Lar91, MOS92, PPM92a, PPM92b, PL92b, Poi92, Tid95]. **compression** [Yan90]. **Compton** [BKP91, Win95]. **Comput** [CNG17]. **Computation** [AR96, BCRR98, BAB90, Ben96, BO92, BGP98, CS91, CKE99, DGN97, DW93, DF96, DS97b, FG97, Gue94, GÖAY95, HHF95, HRL99, IH95, JSD95, KM93b, LNR99, LJG96, LY90b, LAE98, LW97, LLT94, MM95a, Mas96, Mei98, MBI+97, MS99b, Nak95, NO93, NMB94, Nor98, Pai97, PP93, Pet96, PBD94b, PS93b, PGD99, Pry94, RS94a, RP90, RG90, RP91, RH98, Sch96, SCR97, TT90, TT91, UMS99, VM96b, WS96, WL93, WKHS97, Yak96, ZYKC98, CKQ+93, DK90, Dvo91, DK92d, DK92a, DK92c, DK92b, HCJ92a, HCJ92b, HL92a, HL92b, KKD90, LH90, LP90, PA95b, SMM+90, SV91, WR91]. **Computational** [AAK+93, AN98, ARV99, Ano99r, Ara97, AK94b, BH99, CAA93, CM94, FH97, HHM96, nJWP96, Kel94, KM96, Lil97, MW97, Mar94a, MLBW97, MBP94, Nac96, ÖL96, PC98, QG98, Rie99a, Sam97, SSB+99, Sch99, SH98b, TW93, TM94, VNC92a, VNC92b, WF99, Xia99, YDT93, ZHL96, AA90, AA91, Bey91, Bey92, Fau90, FS91, FS92, Gre90, NSR92a, NSR92b, YSG91, YMB+91]. **computational-mode** [AA90, AA91]. **Computations** [BL99, Bar91a, BCM99a, Boy94, Boy96a, Boy96b, Boy97a, Boy97b, BCR99, CSW98, DZ96, Ena93, FCC97, Har94, HR96, Hwa96, Jak93, KC97, ST95, Str99a, TCS97, Tsy95, YH95, CW92c, DHS91, GMP92a, GMP92b, LL91, PPM92a, PPM92b]. **Compute** [CL93]. **Computed** [Shi93, AF90, AF91]. **Computer** [BGGT90, CR96, DM90, DM91b, JZQ+95, KWG94, MB99, CYD92, MNR90, VY91, VY92]. **Computers** [BGB99, DB98, DLMN91, DLMN92b, DLMN92a]. **Computing** [AK99, BCM95b, BW98, Bör97, Boy95b, Cho93a, Edw96a, Fen99, For97, HAC97, Hob93, HKS98, KM97a, LLD93, Mar97, MOS92, OS90, PM92, PM93, SW96, SSO94, Vra95, WSK99, Zho96, vD97b, BP90, CPP93, Hob92, Hor90, Hor91, LLD92, Lar91, Mor92, VBB90]. **Concentrated** [Zin94b]. **Concepts** [Mat97]. **Concurrent** [FLD93, Swe94]. **Condensed** [MP96]. **Condition** [EL96b, HS93b, JB93, PPBC93, PZC98, SDI98, TW94, TAC98, WNY93,

Wan99, AN90, Dar90c, Dar91b, HLB94, PPBC92, SC90]. **condition-free** [AN90]. **Conditional** [dNPT95]. **Conditioning** [NPC93]. **Conditions** [APV98, AE98, BH96, BPT95, BC99, BJ95, Boy98, CGA94, CJR95, Clé96, DR96, DNN93, FH94, Fer95, GN96, GC95, Gri94, GK95, GK96, GK98, GZ95, GS97b, Hu96, Ji94, Joh93, KLP94, Leb99, LT96, MB94, Nic99, NC99, PNC94, Pet98, PH95b, RF96, SY97, Set94, SI94, SWD95, TG96, Tou97, Tou98, Tsy95, Zin94a, BG92, BR92c, BR92d, CP90, DM92c, Fer90a, Fer90b, Giv90, Giv91, HTK90, Hig92a, Hig92b, JW90, LG94, PL92b, Poi92, RR90, RR91, Ren92a, Ren92b, Rom92a, Rom92b, Sal91, Tho90, dG92a, dG92b]. **Conducting** [ARTAAA97, Bis95, HR96, AN90, Poi91]. **Conduction** [CM99b, HIY95, LEI96, Liu96a, SCM98, ZWS98, dG96]. **Conduction/Radiation** [dG96]. **conductivities** [Yor90]. **Conductivity** [LEI96]. **Conduits** [SCC93b]. **Cone** [LB93]. **Configuration** [Gre98, OGBSK90]. **Configurations** [KK95, KCJ95, LH92, Nic93]. **Confined** [AM96]. **confirmal** [Dar90a]. **Confluence** [Sch99]. **Conformal** [BST95, DE93, Hum96b, KM96, Dar91a, LM92]. **Conformational** [SFHD99]. **Conforming** [ADS96, KT99]. **Conjugate** [ANL94, BL98, Che91, MBP94, Dav91, Dav92a, Dav92b, NP92]. **Conjugated** [PNC94]. **Connected** [KM95, vGVO98, BW90, BW91, GGM93]. **Connecting** [LLT94]. **Connection** [LK94b]. **Conquer** [WDE98]. **Conservation** [Anc94, BLK90, Bih96, BT97b, CBSW98, CG97a, Cha95, CWC99, CL98a, CS98b, CK93b, DW95a, DW96b, FB94, FAH97, Fur99, Han93b, Har97, Jin94, Jin95, JL96a, Lav93, Lax97, LWC93, LR94, Noe94, PLD97, PQ94, PP93, Sal94, YPH94, BWJ90, CGSS90, CGSS91, Col90, Dur91, DEO92, Har92a, Har92b, LO91a, LO91b, LY90a, MWJ91, NT90, RT92, SW92, Shu92a]. **Conservative** [Abg96, ABC$^+$98, BTW96, BCDL97, BC98, CNG99, CWG90, CWG91, CJ94, CDW99a, Epp94, FKM99, Gra99, HS93a, Hir97, HB97, JMT97, Jin94, KPP99, KK96, Kop96, KNR99, LW96a, MLVM98, Smi99, ST99, TLW95, TPRC96, Wan95, vL97c, CNG17]. **Conserving** [Oku95, Ruy93, SVV98, Flå92b, Flå92a]. **Considerations** [Bar94, MBI$^+$97, SC96b]. **Considering** [JM98]. **Consistency** [dNPT95]. **Consistent** [Coo99, Kar94, KTN$^+$94, LW94, MJPC99, Swe96, Waj93, DHS91]. **consistently** [HHG91, HHG92]. **Constant** [BLL99, EOS98, She95, Sor95, But90a, GCMR90]. **Constants** [BCM99b]. **Constrained** [CK93b, Jai97, LS94, MB92]. **constraints** [HM90]. **Construct** [MS99a]. **Construction** [AS99a, AD93, BWJ90, CBSW98, CG97a, Gou96b, Hes98, MWJ91]. **Contact** [Had99, Lav93]. **Contact-Line** [Had99]. **Containers** [KP97b]. **Containing** [CLO93, LO93, OB95, Ram92a, Ram92b]. **Contaminant** [GP98a]. **Contamination** [RHT96]. **Context** [Bot98]. **Continuation** [CMW95, NCF96, Nic98, vD97b, SK90]. **continuity** [SA90b, SA91]. **Continuous** [GEK$^+$97, PS93b]. **Continuum**

[CW98, Had99, LCM96, RMO99, WF99, BKZ92]. **Contour** [BFW98, Dri97, LD93, VM94, VM97, ZHR97]. **Contrasts** [VSM99]. **Contribution** [IS96]. **Contributions** [WL93]. **Control** [BD97a, Bra93, Eça96, FT96, GB97, HR96, IR98, LB94, MG97b, OK94, Glo92, HL90, HL91, TA91a]. **Controllability** [BGP98]. **Controlled** [BD96]. **Convection** [BY94, BDS+99, CZS98, CT98, GKZ97a, HOS93, HO96, Hwa96, nJ93, Kno98, KB99, LSLG97, OGWW98, Rig94, SW96, TC98, XMP97, Yav97, AM90, Fog92b, Fog92a, LMP92a, LMP92b, LT91, LT92, LE90, LE91]. **Convection-Diffusion** [CZS98, GKZ97a, HOS93, Hwa96, XMP97, Yav97, AM90, Fog92b, Fog92a, LE90, LE91]. **Convection-Dominated** [OGWW98]. **Convective** [CMMH94, CGY93, CL98b, HI98, Li97, Mal96b, MWW96, CGY92, JC92, Sal91, dG92a, dG92b]. **convective/radiative** [Sal91, dG92a, dG92b]. **Convergence** [Azm99, BR94, Boy94, Eye96, Löt94, SPC93, Ven95, Web98, Arm94, HHG91, HHG92, SPC92, VBB90]. **convergence-improving** [VBB90]. **Convergent** [HOS93]. **Conversion** [Bel97]. **Convex** [LO98]. **Convolution** [RMO99]. **Convolution-Generated** [RMO99]. **Coordinate** [CKR93, DM93, Hig99, HLL99, HC93, PFS98, Pri95, SH94, Zha94, BRL91, BLMR92, BM90b, BM91c, Cal90, Cal91, EHW90, EHW91, LT91, LT92, LH92, RKV90, RKV91, SKK90, SKK91, SH92]. **coordinate-space** [BLMR92]. **coordinated** [Blu92]. **coordinated-space** [Blu92]. **Coordinates** [BD97b, BW98, HD97, Jor99, MM95b, MS98, NGN97, Ruy93, SNU98, SW99a, STS98, VO96, YP98, ZSK94, CLJ+90, HWY90, HWY91, MDA91, RP90, RP91, SV91]. **Coriolis** [Cod99]. **Corner** [AAL97, FC95]. **Corner-Balance** [AAL97]. **Corners** [DE93]. **Corona** [Fen99]. **Coronal** [LMS98]. **Corrected** [BB97b, BK97b, För96, GMM99, SS94, TO96, Zal97, ZWS98, DeV91, Gra90]. **Correcting** [AK94b]. **Correction** [Boy97a, JMT97, SS96a, TW94, Wer95, AB94, Kor90, Luc90, Luc91, Mul92b, Mul92a]. **corrections** [BS90]. **Correlated** [RS99b]. **Correlation** [BK97b, DD92a, För96]. **Correspondence** [OK94]. **Corrigendum** [Ano90o, CNG17, MKM04, VSG96]. **Corrugated** [SF99]. **cosmic** [MMR90]. **Cost** [FBM93]. **Couette** [Bar91a, CRRR97, Kup98, PC99b]. **Coulomb** [BFO99, GS94, GS97b, JLM+96, Kou96, MLJ97, MBF94, NY98, SH99, WONM96]. **Coulomb-Type** [GS97b]. **counterexample** [Gre90]. **counting** [LS92c, LS92d]. **Coupled** [AK94a, Cra94, GKKR99, Gou96a, HKM96, Her93, HK93b, JSD95, LNR99, LZ96, SS96a, Sco96, STW97, SA90a, SL96, TS99, IM95, SCC93a, VNC92a, VNC92b, ZS92a, ZS92b]. **Coupling** [Ari97, AC93, BMZ95, BLT96, CLO93, CM99a, Clé96, LM97, Tiw98, YG95, ML92]. **Courant** [AN90]. **Cover** [CS97a]. **Covering** [BS99d]. **CPA** [BFGG94]. **Crack** [ARV99]. **Crank** [Alv91, Alv92]. **CRAY** [WKHS97, Par90]. **Criteria** [Lee98a, MW93]. **Criterion** [Sco98]. **Critical** [GS96a, Cha90, PRMV90]. **Cross** [EOS98, HC97, Hel95, hYsY96]. **Cross-Section** [EOS98]. **Cross-Sectional** [Hel95]. **Crystal** [AT92, BCRR98, HKW97, RT94, SS91, SS92, YR93]. **Crystal-Crystal**

[HKW97]. **Crystals** [Dob99, FG97, LW96b, PCLC97]. **Cube** [Rea97]. **Cubed** [RIP96]. **Cubic** [Eyr94, RFH93]. **Cumulative** [Ano95t, Ano96w, Ano97-28, Ano98-27, Ano99-28, NY98, WH97]. **Curl** [BD97b, Mad95]. **Current** [FH97, FGM97, FCC97, Mar93, Mat94, MQS95, TSW95, vL97a, vL97b, LHI90, ND90, TA91b, TAD92a, TAD92b, XPK90]. **Current-Voltage** [MQS95, XPK90]. **Currents** [ARV99, Fen99]. **Curvature** [BW95, Cho93a, HKS98, NPV96, Ruu98b, Set94, vM95]. **Curve** [BW95, SR92b, SR92a]. **Curved** [Hew97, MLS99, hYsY96, SD93b]. **curves** [SR90]. **Curvilinear** [BD97b, HD97, Jor99, MS99a, MS98, YP98, ZSK94, Zha94, vBvNW95, BK91, BK92a, BK92b, HWY90, HWY91, LT91, LT92, SV91]. **Cutting** [TKT97]. **CVD** [TH96b]. **Cyclic** [Mat94]. **Cyclo** [CO95]. **Cyclotrons** [oJ97]. **Cylinder** [AR96, DQ95, HD97, HC93, JYH93, SB96a, IT90]. **Cylinders** [MB96, CG97c]. **Cylindrical** [BFW98, LMS98, LS98, MV99, PL93, Pri95, Ruy93, VO96, dG96]. **Cytidine** [LLLY99].

D [Ano99-30, Dvo91, DK92d, DK92a, DK92c, DK92b, MKM04, TA91b, TAD92a, Mar90, BP90, BBF+99, BR97b, BM91a, BM91b, Bor91b, Bor92a, Bor92b, BIAV98, BDML94, COS+98, CDM98, CPB96, CC98, Clé96, DH96, Dau92a, Dau92b, Dob99, EL97a, Eça96, Efr97, FLD93, FWBS94, FK97, FG97, FPB98, FQ96, GNHP95, GBL+92, GM96, GHS93b, GHKH93, GS93, HKS98, Hu95, ID96, IM95, Ji96, KKH+99, Kan92, KL92a, Kar97, KPCJ97, KCJ95, KH97, KO98, LLD92, LLD93, LMP92a, LMP92b, LL95, LQK98, MKM99, Mat94, Mau99, MW94, Nor96, OS97, Oos97, PK94, PH94, Pet96, PV99, PV93, RF96, RS94b, Sal94, Sha95a, SS99c, Str96, Str97, TZA96, TH96a, TLW95, VAVB92, VAVB93, Wal94, Wes92a, Wes92b, Xia99]. **DADIPIC** [GH95]. **Damage** [Maz94]. **Damaged** [BH99]. **Damped** [TWV97]. **damping** [Fri90]. **Dancoff** [MP93]. **Dangers** [BS93]. **Darwin** [OS97, DHS94, GH95, GH97, HLD92b, HLD92a, SAB95]. **Darwin-EM** [OS97]. **Data** [AK98, Ben95, BS96, Eve96, oJ95, LWS98, Lya99, MD95, Nor95, OG97, PBD94b, PGD99, WEMH99, DT90a, DT90b, GWI92]. **Data-Dependent** [OG97]. **Data-Parallel** [BS96]. **Davidson** [BO98, Mor90, Mor92, vD97b]. **Davidson-Type** [BO98]. **Deaminase** [LLLY99]. **Decay** [JZQ+95]. **Decaying** [BC98, DM92c]. **Decomposition** [AC93, BGM95, BD97a, Ben95, DZ96, DK96, Dvo91, DK92c, HP99, LO98, MQS95, RG97, RF95, SR97, SRA98, Tiw98, Chi91, Chi92a, Chi92b, DD90, DD91, DK92d, GHS93b, SD93b, Tid95, Fey98b]. **Deconvolution** [Rob99, Rei92a, Rei92b]. **Decoupling** [SK94]. **defect** [AB94, Kor90, Mul92b, Mul92a, SVS90, SVS91]. **defect-correction** [AB94]. **deferred** [Luc90, Luc91]. **deferred-correction** [Luc90, Luc91]. **Defined** [KKK95]. **Defining** [Nic99]. **definite** [SG90]. **Deflagration** [FAX99]. **Defocusing** [Osb93]. **Deformable** [CS97a, CS99, CT98, SK98]. **Deformation** [ALTP98, Bot98, KWG94, LSLG97]. **Deformations** [CKR93].

degenerate [FP92]. **Degree** [CK96]. **Delaunay** [Her93, Mav95, Reb93]. **Delta** [Iva93]. **Delta-Matrix** [Iva93]. **Deluge** [Due93]. **Delves** [Boy97b]. **Dendrites** [Sch96]. **Dendritic** [JT96, WS96, Alm93, AT92, SS91, SS92]. **Dense** [WL96, CG97c]. **Densities** [SRVK96, EMRS91]. **Density** [ABC+98, BCM99a, CDT98, EL97b, Gag98, PAB+97, Rom97, Ruy93, SBGK99, Val91a, Val91b, WKMH97, BM92, BES90]. **Density-Conserving** [Ruy93]. **Density-Matrix** [BCM99a]. **Density-scaling** [Val91a, Val91b]. **Dependence** [Ben95, CK93a, Kal97, CK92]. **Dependent** [AN98, AIV99, BY94, CBL95, GG97, GP98b, GK96, HG94, HK94, JT93, LP97, NC97, NPV96, OG97, OP97, Rom97, SB95, SNU98, Sha99, SWD95, TCS97, ZSK94, CH90b, CH91, Dra90, DLMN91, DLMN92b, DLMN92a, LHI90, LRB+90, LBC+91, SM92, Sto92, TEKC92, Tho90, Wat92b, Wat92a, XMP97]. **Deposition** [AS95a, AS95b, AS97, EGS96, LPR96]. **Depth** [BY94, KS92]. **Depth-Dependent** [BY94]. **Derivation** [Abe97, Car91, MDA91]. **Derivative** [Cod99, CSW95, MJP93, MWW96, MS93]. **Derivatives** [BCM95b, GNH96, IH95, KTN+94, STG+96, YG94, BE91, BE92a, BE92b, RF90, RF91]. **Derived** [LPP99]. **descent** [HB90a, HB91]. **described** [MDA91]. **describing** [Nic93, TMR92a, TMR92b]. **Description** [RWTC95, VBD99]. **Design** [Ara97, Ari97, BB97a, ES98, IS96, JB95, Lee98a, Lee98b, LWT99, Lil97, SCR97, YZ98, FS91, FS92]. **Designed** [Mav95]. **Designing** [GO96, GO98]. **Despite** [Nor95]. **Destabilizing** [Bec94]. **Detailed** [EGS96]. **detecting** [MH92]. **Detection** [ARV99, Loe93, MML98]. **Determinant** [Wit96b]. **Determination** [CG97b, EOS98, MM98, SF99, LH92, LP90]. **Determining** [BH99, MG96, MSV98]. **Deterministic** [Ber95, Nor96, Rus93, Tad97]. **Detonation** [ABS96, FAX99, ZDD99, CKQ+93]. **Developing** [AK97, LWS98, Bue91]. **Development** [KP97b, KCV99, SWT98, Swe94, YSG91]. **Developments** [vL97a, vL97b]. **Device** [KL93, LWT99]. **Devices** [FO93, Fen99, MQS95, PL98, XPK90]. **DFT** [WDE98]. **Diagonal** [Ano94t, ESM98]. **Diagonalization** [CG97b, YS98b]. **Diagram** [PJ94]. **Diagrams** [HK93b]. **diatomic** [Dav91, Dav92a, Dav92b, KEHK90, KKD90, KEHK91]. **Dielectric** [ARTAAA97, GGK95, GKG95, Rob90b]. **Dielectrically** [ART95a, ART95b]. **dielectrics** [AP91a]. **Difference** [Bai97, CGA93, CGA94, CO95, CJ94, CJS99, CGY93, CM95, CF98, CF99, CKR93, CDW99a, CL98b, DW98c, DDS97, EL96b, EL97a, EL97b, Epp94, FO93, Fat99, FMO98, FWBS94, FM97, Fur99, GS97a, GO96, GO98, GN96, God99, GO95, HT95, HOS93, HMOS95, Hir97, HWM96, HW96, Hui90, Hui91, HKvV95, Hwa96, oJ95, oJ97, JcW99, JT93, LBB94, Li97, Lin95, LL93a, Luk99, Mah98, kM93a, Mat97, MS98, MLVM98, NC97, NC99, PZC98, PBD94a, Rav97, Rig94, Roe97a, Sak96, SZ97, SPC93, Sco98, SA95, Sha99, SS95, Sjö95a, SM98b, TW93, TW94, TN98, Van99, VO96, VSG95, Weg97, XMP97, YL98, ZLOT98, ZC94, Zho98, ZL93, dLMSS95, vL97c, Ano95u, AP91a, BB90a, BB91a, Ben90, BY90, BY91, Car91, Cas90, CGY92, Dic90, For92c, FMS92].

difference [HT94, HGH90, HGH91, Lay90, Lel92, kM90, kM91, Mao92b, Mao92a, MH90b, MH91, MLB92, MMS90b, MMS91, NSR92a, NSR92b, RM90, RM91, Ren92a, Ren92b, Rob90a, SPC92, Str94, ST92b]. **Difference-Based** [MS98]. **Differences** [CO95, MQS97, Gla92b, Gla92a]. **Differencing** [MWS96, Sil93, Tol94, TL98, Fig92, HSN90, MDHW92a, MDHW92b, NT90, Shu91, Shu92b, Shu92c, Sil92]. **Different** [Gel99, Mei98, NMW+96, LRB+90, LBC+91, Mak90a, Tid95]. **Differential** [BK97a, BPM98, CZS98, CGKC93, CD98, HKM96, HRR94, HS94, MQS97, OD99, Pet94, PMR97, QW93, RIP96, Tei99, VPS95, VP96, WD97, BB91b, BBF92a, BBF92b, Car91, CH90a, CGKC92, DM90, DM91b, FVZ90, HGH90, HGH91, HLD92b, HLD92a, ISW92a, ISW92b, KL97, LK90, MS90b, MS91c, Wat92b, Wat92a, YSG91]. **Differentiation** [BCM95b, GNH96, STG+96, Sol92]. **Diffractive** [HDL99]. **Diffusing** [LR90, LR91]. **Diffusing-vortex** [LR90, LR91]. **Diffusion** [AD97, AIV99, BYMZY95, Bec94, Boy98, BBGL93, CZ98, CBS93, CGY93, CC97, CZS98, EP96, EM94, FD93, FPQ93, Gra95, GKZ97a, Hag94, Han93b, HOS93, HMOS95, HO96, HWM96, HGFH95, Hwa96, HSS97, KD97, MRS98, OBB98, OP97, PA95a, PBD94a, RKO99, RK99, Rig94, RT94, Ruu98a, Ruu98b, SvD96, SS96c, SWT98, SL96, Tei99, TN98, Wan97, Win95, WK99b, XS93, XMJ95, XMP97, Yav97, AM90, Bor91a, BLA92a, BLA92b, BB90b, BB91c, CW92a, CW92b, CGY92, CYD92, Fog92b, Fog92a, GM92, Lay90, LE90, LE91, MH92, MMS90b, MMS91, MB92, MDHW92a, MDHW92b, DW98b]. **Diffusion-Convection** [Rig94]. **Diffusion-Generated** [Ruu98a, Ruu98b]. **diffusion-type** [GM92]. **Diffusive** [FWBS94, MP97, nJ93]. **Diffusivities** [Rie94a]. **Diffusivity** [HB95, OP97, HCP93]. **Dilute** [BMGM95]. **Dimension** [CK96, PLD97, Dar92, MRS94, RT92, ZB92a, ZB92b]. **Dimensional** [AS95a, AS95b, AR93, ACLW97, Ara97, AD93, ADH+93, BY94, BYMZY95, BGB99, Ber96, BO96, BS98b, Bro95, CS93a, CZ98, CS99, CA93, DW97, DR96, DW93, DIV98, DF98, DL94a, EO98, ES93, EGS96, Eyr94, FAH97, FKM99, Fis94, FJGP94, FCC97, Gel99, GG97, GB97, GM98, GLN+99, HOS93, HKNT98, HK94, HB97, HLL99, IH95, IS96, JH97, KKK95, KT99, KPC93, KKOF97, LO96, LS96, LWT99, LJG96, LPC+93, Lil97, LMB94, LL94, MD95, kM93a, MM96, MB97, MLBW97, NMB94, NGN97, Pai97, PB98, PBBS95, PDHS94, PZ98, Pri93, Pry94, RS94a, RCA93, RKJ97, Rig94, RHT96, Sch96, SLMS98, SVV98, SM98a, SBC99, Sim93, ST93, TSW95, Tan94, Tei99, TN98, TO98, VD97a, Ver97a, Ver97b, VO96, VS95, Vu98, Wel98, WSK99, Wha96]. **Dimensional** [WL93, WWW95, YYCH98, ZLOT98, ZB96, Zha98, ZZ98, ZYKC98, ARS91, AS90, AS91, AF90, AF91, BRR92, Bar91b, BKM90, Bil90, BM90a, Bor91a, BLA92a, BLA92b, Bue91, CS92a, CW92a, CW92b, CSW98, Cas90, CPJ90, CYD92, CKQ+93, DGD90, ESM98, ES92, Fig92, Fog92b, Fog92a, FVZ90, GM95b, Gre91, Gre92a, Gre92b, yGmC92, GC92, GMCH92, HSN90, Hoo90, Hor90, Hor91, HL90, HL91, Kle95, KG90a, KG90b, KG91, KPC92, LS92a,

Lav90, LG90, LG91, LHI90, LPvL93, LS92c, LS92d, LO98, Mao92b, MB92, PPM92a, PPM92b, RCA92, RH91, RCAM92a, RCAM92b, RG90, RIW90, Rus90, SC90, SH92, SBGK99, SBGM92, SWT98, ST92a, SA92a, SA92b, Val90, VMK91, WEQ+99, XMP97, YR98, YTS92, vdVMK92b, vdVMK92a].
Dimensions
[ABC94, AFH94, BLP98, Dri97, Nor98, Tan93, Wit96b, YG94, ZHR97, But90a, CGR99, DZ91, DP91, DP92b, DP92c, MF92, Rok90, SKK90, SKK91].
Dimer [BS99d]. **Diminishing** [TO96]. **Diode** [CCGJ95]. **Dip** [RLT93].
dipolar [CPP93]. **Dirac** [Alv91, Alv92, CK90b, CK91]. **Direct**
[BK93, BCT98, CBL95, CB96, CR96, COBA95, DGN97, DB96, DE99, GBCA99, GH95, GH97, JMR94, KPC93, MM95a, Mau99, MB96, Pal93, RM90, RM91, RM93, SFHD99, She95, Sho93, SF99, BO92, GL96, KPC92, Lif92, Mar90, Osb90, Osb91, PL92b, Poi92, PA95b, Pri90, Pri91, PO90, PO91, RCAM92a, RCAM92b]. **Direction** [LT96, MWW96, RY94, HM95].
Direction-Adaptive [LT96]. **Directional** [Bra93, YZ98, ZWS98].
Directions [BM94, Cle97, MBV93, RL97, SMR91]. **Dirichlet**
[GGM93, HPG98]. **Dirichlet-to-Neumann** [HPG98]. **Discharge**
[Hag98, Kul95, LW94, YPH94]. **Discharges** [SG94]. **Discontinuities**
[FAX99, Lav93, kM93a, kM90, kM91, Mao92b, Mao92a, RLM90, TP92a, TP92b]. **Discontinuity** [HML99, LK94a]. **Discontinuous**
[BR97a, BR97b, CS98b, CSW95, HHR99, LW95, LKK99, MWS96, OBB98, SHF97, TSW95, WK99a, vdVvdV98, Bor91a, BLA92a, BLA92b]. **Discrete**
[Abe97, AE98, Bec94, Edw96b, GACN93, Hag98, HW96, JR99, KLBD93, KI99, Kla99, KTN+94, Mad95, NP94, PC99b, SY97, Sie99, SDI98, Tou98, TM93, WDE98, Arm94, HLB94, MGP91, MS90a, MS91a, Nad95, RNSV91, Sch92b, Sch92a, SA90b, SA91, Str91, Str92a, Str92b]. **Discrete-Ordinates**
[GACN93, Sie99]. **Discrete-Velocity** [NP94, Nad95]. **Discretisation**
[CSW95, Gil97]. **Discretised** [HO96, IABBG91]. **Discretization**
[ABBM96, BKV98, COS+98, CDF95, CS92b, CS92c, Cod99, CD95b, GN96, MRS98, RB95, RL95, SVV98, XMP97, vBvNW95, vGVO98, Bor91a, BLA92a, BLA92b, Gro91, Gro92, NSR92a, NSR92b, YSG91]. **Discretizations**
[AHS96, GKZ97b, HS99c, MW97, MS99a, OGWW98, SP99, Tid95].
discretize [BK91, BK92a, BK92b]. **Discretized** [BH95, IGABB90]. **Disks**
[Sch95a]. **Dispersion** [DS97b, FD99, HHM96, ST92a, ST93, SH98b, TW93, Zin94b, TMR92a, TMR92b]. **Dispersion-Relation-Preserving** [TW93].
dispersions [CG97c]. **Dispersive**
[AQ98, Luk99, CWG90, CWG91, FM92, Fra92]. **Dissipation**
[Fur99, HHM96, Lin95, SMD98, SH98b, SRT98, TYS95]. **Dissipative**
[GA95, Leh99, WVHS98, YSD99]. **dissociation** [KKD90]. **Distances**
[HA93]. **Distortion** [CS98a]. **Distributed** [SZ97]. **Distribution**
[Eça96, GA98, LKLE90, LLEK91, Osc94, CK90b, CK91, HN95, MS91b, MS92b, MS92a]. **Distributions** [AH99, OP97, WKMH97]. **Disturbance**
[MLBW97]. **Disturbances** [CRRR97]. **Div** [BD97b]. **Div-Curl** [BD97b].
Divergence [DL94a, Hil97, MBV93, Mad95, SP98, van93].

Divergence-Free [DL94a, MBV93, SP98]. **Divergent** [BDML94]. **Divertor** [Kno98, STS+97]. **Divide** [WDE98]. **Divide-and-Conquer** [WDE98]. **DNA** [BH99, JMDB99, JVS97]. **DNL** [SDI98]. **DNLS** [Flå92b, Flå92a]. **Domain** [AK95, Ano94t, AC93, BGM95, BD97a, Bis95, Clé96, CJM97, DZ96, EOS98, Hag94, HKNT98, HDL99, Hwa94, KM95, MQS95, ÖLJ98, RG97, RF96, Rob99, RF95, SSR96, SA95, Sha95a, Sha96, SR97, SRA98, TS96, Tid95, Tiw98, VPS95, VP96, Wan99, YL98, Chi91, Chi92a, Chi92b, CH90b, CH91, DD90, DD91, GHS93b, Han93a, HPS92a, HPS92b, HJ98, Kan92, KL92a, LM90b, SD93b, TKKB92, Tes92]. **Domains** [BS98a, GPWZ96, JC98, Kel94, KW93, LKK99, MM97a, Mau99, PC96, PK95, TAC98, Tau94, TM94, vGVO98, CW92c, CJ95a, GGM93, LM90c]. **Dominant** [CDF95]. **Dominated** [AE95, KRGv93, OGWW98]. **Don't** [Bar90]. **Double** [BES94, DÜ92a, Ji96, SMW99, Weg97, Wit96b, DÜ92b]. **Double-Adiabatic** [Weg97]. **Double-Gyre** [SMW99]. **Double-Well** [Wit96b]. **doubling** [NSR92a, NSR92b]. **down** [GGP97]. **Drag** [Mon97a]. **Drift** [GBS+93, SCG94, Smo98, TN98]. **Drift-Diffusion** [TN98]. **Drift-Kinetic** [GBS+93]. **Drilling** [GBBH96]. **DRISM** [LPP99]. **Driven** [MWM94, MRB94, SMW99, SG94, Vu96, Vu98, vM95, GGH90, MLB92, She90, She91]. **Droplets** [BMJ+97]. **Drops** [PBBS95, ZMOW98, PBBS91]. **Drying** [FT96]. **DSMC** [Pri90, Pri91, Rie99a]. **Dual** [Osc94, MH90b, MH91]. **Duality** [DÜ92a, DÜ92b]. **Duct** [AK94a, FB94, BAB90]. **Ducted** [TAC98]. **Due** [AAK+93, AR97a, Cor96, FCC97, Ske98, Wri98]. **during** [TH96b]. **Dusty** [Mon97a]. **Dynamic** [CL98a, Eyr95, FLD93, JVS97, KNR99, LB94, LPC+93, MKM98, MKM99, MKM04, NPV96, PGD99, BBK90, BBK91, HLD92b, HLD92a, TKKB92, Tes92, Ver91]. **Dynamical** [LLT94, RG97, YSG91, YDT93, MMR90]. **Dynamically** [GDP96, Rie94a, VP96]. **Dynamics** [ABS96, BFW98, BGGT90, BC99, BN94, BLL99, CV97, DOOSM99, DM93, Dri97, DL94b, DMW99, Eka99, ESH93, EH93, GKDT96, GKL+96, GBS99, HRL99, Jai97, KSB+99, Kho98, Kla96, KT95, KKOF97, LPP99, MNP90, MW97, MS99a, MRC93, MSF94, Maz97, Maz94, Mon97a, PC99a, Pli95, RC95, Rap93, Rei99, RFL93, RMO99, SMD98, SS99b, SMSS98, SFHD99, SW99a, SHF97, SW99b, UKSTST97, VM94, Vie94, VM97, WH98, WVHS98, XH98, YCTC97, ZHR97, dM97a, vL97a, vL97b, Bil90, BBK90, BBK91, BM90a, Boy90, Boy91a, BGM91, JVR93, Kop90, Kop91, LRJ+99, MH92, MM91a, MOS92, YSG91, YMB+91]. **Dynamo** [KB99]. **Dyson** [För96].

Earth [JSD95]. **Earthquakes** [PM99]. **easily** [dFSS92]. **Easy** [HK93b]. **Economization** [Boy95a, LRW95]. **EcoRI** [JMDB99]. **Eddy** [ARV99, Coo99, DFN+99, GMS+99, GM95a, Gho96, Jor99, KM97b, LIH97, LHI90]. **Eddy-Resolving** [LIH97]. **Edge** [AR93, KPC93, KM95, VS95, Zan97, KPC92]. **Edges** [PH95a]. **Edinburgh** [Swe94]. **Editor** [KHW98, Wer98]. **Editorial** [Ano99-29, Bla95, Bra96a, Bra96b]. **Effect** [BJ95, DM92c, KM97b, LSLG97,

RHB94, MS90b, MS91c, RCAM92a, RCAM92b, YHW90, YHW91]. **Effective** [APV98, Bel97, BH99, FH94, GG92b, Hel95, LK94a, WWW95]. **Effects** [BDC97, CM94, Duk95, GGZ93, HO96, JM98, JL96b, LK94a, Maz94, Rob99, YS98b, Dem92a, Dem92b, TPL90]. **efficiency** [HN95]. **Efficient** [AM96, AK98, AK99, BD94b, BSPL96, CC97, CZS98, DT90a, DT90b, DB97, DECB98, Dob99, EO98, ESH93, EH93, FMO98, GO96, GO98, Gou96a, Han93a, Hob93, JS96, JR96, KM93b, KKOF97, KS92, LPMS94, LS98, LLK98, LPR96, MV99, MRC93, MBP94, NC97, Nor98, ÖL96, Pry94, Reb93, RH98, Ruu98b, SH99, SPCD96, SMJ98, Shy98, SW96, Vra95, VSM99, Wan99, WLC96, lX98, YL98, ZCH96, Zin94b, BJ90, Dol92a, Dol92b, Hob92, JJK92, Kos92, LDB96, OGS90, OGS91, Par90]. **Eigenequations** [HKW97]. **eigenfunction** [KBS90]. **Eigenfunctions** [BK94, SW96, BS91a, Mit92]. **Eigenmode** [FH98b, Sch92c]. **Eigenmodes** [BK99]. **Eigenpairs** [DA94]. **Eigensolutions** [BSPL96]. **Eigenstates** [CG97b]. **Eigenstructure** [CDT98]. **Eigensystems** [WL96]. **Eigenvalue** [Bar94, Boy95a, Boy96b, Boy97a, DA94, HS94, Ji94, Ji96, KEHK90, MDB91a, MDB91b, NO93, OD99, BDR91, KEHK91, LP90, Mor90, PRS90, SK92]. **Eigenvalues** [BCRR98, BO98, DDD98, KM93b, NO93, SW96, WKHS97, vD97b, KKD90, MMB90, Mor92, MRD92, OS90]. **Eigenvectors** [DS96, MRD92, OS90]. **Eighth** [Jam99, ST97, ARS91]. **Eighth-Order** [ST97, ARS91]. **Eikonal** [Ben96]. **Elastic** [Ben95, CV97, JLL97, Kla96, PP93, ZS97, Hig92a, Hig92b, Sch92c, TP92a, TP92b]. **elastic-plastic** [TP92a, TP92b]. **Elasticity** [NMB94, GKM96, OB95, TKKB92, Tes92]. **elastohydrodynamic** [Ver91]. **Electric** [DDS97, JB91, JBvK$^+$91]. **Electrical** [HP99, RCA93, Yor90, YPH94, RCA92]. **Electrically** [HR96]. **Electro** [LZG99]. **Electro-migration** [LZG99]. **Electrode** [SG94]. **Electrodynamics** [Cra94]. **Electrolyte** [KB96]. **Electromagnetic** [AL97, ART95a, ART95b, ARTAAA97, AR93, ADS97, Ber96, CD95a, ETRW95, GRB$^+$95, KI99, PSL99, Sha96, SBC99, Tan93, lX96, lX97, YGH97, YP98, AN90, Ber94, BBC$^+$90, BBC$^+$91, GLM$^+$90, HTK90, KMB$^+$92b, KMB$^+$92a, Poi91]. **Electromagnetics** [ABLD94, nJWP96, Nac96]. **Electron** [FO93, KPCJ97, Kul95, SH99, Sco96, Vu96, AAP$^+$95, KDL$^+$92, LKB90, LL92a, LL92b, MM91a, PB91]. **electron-molecule** [AAP$^+$95]. **electron-repulsion** [LKB90]. **Electronic** [Fat99, Goe95, KKOF97, PDS99, WCSW99]. **Electrostatic** [FPB98, GGK95, GKG95, JLSM97, MBI$^+$97, WTH$^+$96, CG97c, Hor91, OsKB$^+$92]. **Electrostatics** [Hel96]. **Element** [ABLD94, Ano99-30, ADH$^+$93, ADS96, AK99, BD96, BYMZY95, BR97a, BR97b, BH98, Boy98, CLO93, CN95, CLNT98, CHR99, Cha95, CWC99, CD95b, DK98, Dur93, EP99, FA97, Fen99, FT96, Fis97, GMM99, GK94, Gir98, GP98b, GPWZ96, GGK95, GKG95, GHKH93, GDP96, HG94, HIY95, Han93b, HK95, HW97, Hum96a, IH95, nJ93, KKK95, KD97, KT99, Ku95, LW95, LBB94, LTE93, LEI96, LIH97, LK94b, LO93, Ma93a, Mat97, MA96, OBB98, PK95, PC99b, Poz99, Rea97, SSR96, SK93, SCR97, SL98, TSW95,

TTI97, VS95, Wan97, WJTP96, YMAC99, YPH94, Zan97, ZW97, ZOI97, vGVO98, vdVvdV98, AAP+95, Bor91b, Bor92a, Bor92b, CP90, DD90, DD91, FP91, GL95, yGmC92, GC92, HGH90, HGH91, HM90, KR95, KG92a, KG92b, LM90b, LE90, LE91, LG94, Mit92]. **element** [MB92, Nat90, Nat91, Nat92a, OB95, OGS90, OGS91, PTM92, SAB95, SNL90, VMK91, YMB+91, ZB92a, ZB92b, vdVMK92b, vdVMK92a]. **Element-FCT** [GK94]. **Element-Finite** [Dur93]. **Element/Asymptotic** [ZOI97]. **Elementary** [AK95]. **Elements** [AR93, BD94b, BMZ95, Hei98, HDL99, RS99a, RMSB96, Sch96, SK96, YMAC99]. **eletrostatic** [Hor90]. **Eliminating** [Mar93]. **Elimination** [CS98a, Edw96b, MMB90, OsKB+92, YS98b]. **Elliptic** [CLO93, CSW95, DB97, EL96c, HW97, JYH93, LF96, LO93, MB96, OD99, PK95, PH95b, SS95, Spe95, TKT97, Vad95, YMAC99, ZY94, KM92, Knu92, LM90c]. **Elliptical** [Kou97]. **Ellipticity** [Arm94]. **Embedded** [Hew97, IS96, JC98, KMM96, Mei98, BGM91]. **Embedding** [EP96, EP99, LW96b, SM98a]. **Emission** [Hum96b, KCJ95, Poi91]. **Employing** [DL94b, DHS91, Sal91, dG92a, dG92b]. **Enclosures** [Gel99, Gro91, Gro92, MRB94]. **end** [BG92, VD90]. **ende** [Bas92]. **Endonuclease** [JMDB99]. **Energetic** [BDC97, BK99]. **Energy** [CBSW98, FPB98, Fur99, JMDB99, Maz94, MBI+97, MS99b, Oku95, PDS99, PR93b, Wit96b, YR93, CYD92, CPP93, CKQ+93, Flå92b, Flå92a, Gre90, Sal91, dG92a, dG92b]. **Energy-Bounded** [PR93b]. **Engquist** [Shu97, LCM96]. **Enhanced** [Löt94, RWC90]. **Enhancing** [HS93a]. **ENO** [AS96, Bau97, CA93, HHF95, JS96, LO98, OG97, WM94, Yan90, YYCH98]. **Ensemble** [AWY99, Sch95b]. **Enskog** [GA98]. **Ensure** [BS99b, BS99c]. **Ensuring** [Glo92]. **entering** [BY92, Bra92]. **Entire** [Boy94]. **entrainment** [KG90b, KG91]. **Entropic** [BD99]. **Entropy** [BD96, BCDL97, BC98, Osc94, Set94, Sho93, BWJ90, MWJ91, Rei92a, Rei92b]. **Equal** [GA96, GG92a]. **Equation** [AD97, Abe97, AHS96, AHS97, AC95, AAP97, AK95, AC93, BK93, BB96, Ben96, BD97a, BB97a, Boy95a, Boy96a, Boy97b, BSPL96, BCR99, BCDL97, BC98, CAA93, Can96, COS+98, CG93, CH99, CJS99, CGY93, CC97, CKSB97, CGKC93, CDT98, DVD93, DK96, Edw96b, EP96, EO98, Epp94, FO93, FEO95, För96, Fra95, GA96, GGZ93, GGG94, GBS+93, GS94, GEK+97, GKKR99, GS96b, HIY95, HMOS95, HO96, HI98, Hu95, Hwa96, Jam99, JFH+98, JC98, Joh93, JMR94, KD97, KOS+96, KB96, Kou96, LPMS94, LW95, LK94a, Lif96, Lya99, MKM98, NC97, Noe94, Nor96, Nor98, Ohw98, Osb93, OP97, Pap93, PHL93, PA95a, Pry94, QS98, RK93, RF96, RW96a, RW96b, RSW98, RFH93, SB95, SWT98, Shy99, Sim93, Sim99, SRBG99, SR99, STS98, Sun93, Swe96, Taf95, TW94]. **Equation** [TV94, Tei99, TN98, Tho97, Tol94, TRL99, UWH99, WH98, Wan99, Win97, XMP97, YWS96, Zha98, ZZ98, ZY94, dLMSS95, ARS91, Ben90, BO92, Bor91a, BLA92a, BLA92b, CK90a, CRS90, Cha90, CW90, CGY92, CGKC92, CHW90, Dar93, Dav91, Dav92a, Dav92b, DGD90, DR90, Flå92b, Flå92a,

FG90b, FG90a, GG90, GG92a, GCMR90, Glo92, Gra90, GM92, GGM93, GKM96, Gro92, HWY90, HWY91, JC92, KL97, KS92, LRB+90, LBC+91, MSF+95, MS90a, MS91a, Mik90, Mik91, NSR92a, NSR92b, OGS90, OGS91, Osb90, Osb91, PRS90, Pap92, PRMV90, PO90, PO91, RF90, RF91, RCAM92a, RCAM92b, RLM90, Sch92b, Sch92a, SA90b, SA91, SM92, Sto92, TEKC92, TMR92a, TMR92b, Tas92, TSS92, YP92b, YP92a]. **Equations** [AK94a, ANL94, AM96, ABC+98, AAP97, Anc94, And94, Ara97, AS99b, AE98, AK97, ADH+93, ADS96, AQ99, AIV99, BS98a, BR97a, BR97b, BK94, Bec94, BTW96, BK97a, BMZ95, BS99f, BT97a, Bis95, BL93, BLT96, BFGG94, BPM98, CS93a, CZ98, CJ94, Cha95, CBS93, CZS98, CB97, Cle97, Cod99, CP95, CDW99a, CDW99b, Col97, CD98, CD95b, Cra94, CMM93, CSW95, DW97, DW98c, DBS94, DS96, DS99, DP93, DF96, DH95, DÜ92a, DB97, DIV98, DF98, Dri97, EVP97, ETFS94, Efr97, EP99, Eve96, Eyr94, Eyr95, FKM99, Fer95, Fey98a, Fey98b, Fis97, FD99, GTD98, GA95, GNHP95, GO96, GM95a, GK94, GN96, Gla95, GKKR99, Göt99, GTA99, GK98, GHKH93, GMPGV96, GKZ97a, HKM96, Hag94, Han93b, Hei93, Hen94, Her93, Hes98, Hil97]. **Equations** [HKR99, HLR99, Hol96a, Hu96, HRR94, HB97, HLL99, Hwa94, HS99c, ID96, JcW99, JR99, KI99, KPC93, KM95, Kop98, LO96, LM97, LS93a, LCM96, Leh99, Lil97, LMB94, Liu96b, LZ96, LS98, Löt94, LDB98, Ma93a, Mad95, MV99, Mar94b, MWW96, MLBW97, MP97, Mot98, MQS97, MJPC99, Nak95, NGN97, NPC93, Nor95, NC99, PK94, Pet94, PZC98, PV99, PH95b, PBD94a, Pop95, QW93, RL95, RF95, RIP96, RvR93, Rus93, SP98, SZ97, SPC93, Sam97, SS96a, SY97, Sco96, SNU98, STW97, Sha95a, SF96, Sha99, SS96c, SI94, Sjö95a, Sjö95b, ST93, Spe95, SVG93, Str99b, SP99, SCW94, Taf95, TAC98, Tau94, TTI97, Tei99, Tiw98, Tou97, Tou98, Vad95, VPS95, VP96, VC99, Ven95, WNY93, WEQ+99, WK99a, Weg97, WD97, Whi94, WS93, YH95, YYCH98]. **Equations** [YM95, YPH94, ZHR97, ZLOT98, ZSK94, Zha94, dFD+94, Adh92a, Adh92b, AB94, Alv91, Alv92, Arm94, BB90a, BB91a, Bar91b, BB91b, BBF92a, BBF92b, BL92, BL90a, BL90b, BJ90, CS92a, Cas90, CPJ90, Che91, CH90a, CH90b, CH91, CJ95a, Cot90, Dau92a, Dau92b, DP92a, DD90, DD91, DÜ92b, Dic90, DM90, DM91b, DD92b, Fab92, Fig92, Fog92b, Fog92a, FM92, Fra92, Ful93, FVZ90, Gla92b, Gla92a, Gro91, yGmC92, GC92, GMCH92, Gup90, Gup91, HGH90, HGH91, HLD92b, HLD92a, HB90b, ISW92a, ISW92b, IM95, IGABB90, IABBG91, JW90, KM92, KL97, KIO91, KH90, KH92, KPC92, Kop90, Kop91, Kor90, LBC+93, LM90a, LM91, LS92b, LM90b, LK90, LPvL93, LR90, LR91, LJT92a, LJT92b, Luc90, Luc91, ML92, MH90a, Mar90, MDA91, MH90b, MH91, MS90b, MS91c, Nad95]. **equations** [PM90, Raw90, Raw91, Rok90, RKV90, RKV91, Rus90, RS94b, SPC92, SD93b, SSB90, SSB91, Shu91, Shu92b, Shu92c, ST92a, SA90a, SMR91, Ste92b, Ste92a, SVG92, Tau92a, Tau92b, TfNW91, TNW92c, TNW92d, TKKB92, Tes92, Tid95, Wat92b, Wat92a, Whi90a, Whi90b, WDH+92a, WDH+92b, YSG91, ZC91, ZC92]. **Equidistribution** [SWS96]. **Equilibria** [VM96a, HB90a, HB91, RG90]. **Equilibrium**

[KL93, MVZ97, NP94, NMW+96, RC95, RKO99, TLES93, Web98, GC90, HG91, HG92, HSN90, Shu90, SLV90, Shu91, Shu92b, Shu92c, SCC93a, TT90, TT91, TA91b, TAD92a, TAD92b, VM90]. **Erosion** [SP96]. **Erratum** [Ano94r, Ano95u, Ano97-29, Ano99-30]. **Error** [AAK+93, BCM95b, CB96, FBM93, GTA99, HI98, KHW98, MG97b, Wer98, CH90b, CH91, JC92, MNR90, NSR92a, NSR92b, PB91]. **Errors** [Edw96b, Gho96, KM97b, Mar93, RHB94, BE91, BE92a, BE92b, Duk91, DM92d, DM92e, LT91, LT92]. **Essentially** [Abg94, DW95b, ES94, EL96a, Fri98, HEOC97, HS99b, Jin94, LOC94, Shu97]. **Estimated** [MO95]. **Estimating** [Hel95, Rie99a]. **Estimation** [BCM99b, LWT99, Rie94a, LT91, LT92]. **Estimator** [OP97, WKMH97]. **Etching** [AS95a, AS95b, AS97, SKO94]. **Euler** [Dri97, And94, BR97b, BS99f, CS92a, CS93a, Cha95, CP95, DW97, DS96, DS99, DP92a, DP93, Dic90, Efr97, Fab92, Fer95, Fey98a, Fey98b, GO96, GK94, GM96, Han93b, Hes98, HLR99, Hu96, HLL99, ID96, JMT97, Kop90, Kop91, LS92b, LS93a, Lee98a, LW96a, LPvL93, Löt94, MDB91a, MDB91b, MP97, Mul92b, Mul92a, NC99, PK94, RvR93, RS94b, Sam97, Sjö95b, TCS97, TAC98, Tiw98, Ven95, ZHR97]. **Euler/Navier** [MDB91a, MDB91b]. **Eulerian** [Mar97, CHMO96, CCG95, DE99, FAMO99, GBL+92, GBS+93, GRB+95, HOS96, HAC97, RH91, SE90, Smi99, Ush96, WEQ+99]. **Evaluate** [CDM98, LKB90]. **Evaluation** [Ano94s, BN94, CP98a, EG95, Gag98, GM98, HSZ+97, Jab94, MVZ97, PDHS94, QG98, SH99, lX98, BS91b, BS92a, BS92b, CG97c, CJR91, CJR92a, CJR92b, ESM98, May92b, May92a, SBKH92, ZB92a, ZB92b]. **evaporation** [CYD92]. **event** [LKLE90, LLEK91]. **Evidence** [VDJ93]. **Evolution** [BGH+97, BGH+99, BLP98, CM95, CRRR97, GWI92, Gre94, JLL97, SR99, TH96b, YDT93, ZLOT98, DZ91, TLES93]. **Evolutionary** [MQS97, MS90b, MS91c]. **Evolving** [KP98, LZG99, LL93a, NPV96, RM93, Rie94a, GG92b, Zan91]. **Ewald** [RN94]. **Exact** [AAP+95, LSB96, LV98, MS90a, MS91a, Pri94, Sak96, SZ97, SLL94, Wan99, BM91a, BM91b]. **Exchange** [BK97b, AAP+95, Mik90, Mik91]. **Exchange-Correlation** [BK97b]. **Excimer** [LW94]. **Excitation** [CAA93]. **Excited** [GSB+93]. **Expansion** [Bar94, FEO95, MBF94, Sch95b]. **Expansions** [Boy92d, DL94a, Fra95, MD95]. **expectation** [BRL91]. **Experience** [GA95]. **experimental** [Nat90, Nat91]. **Experiments** [Mar94a, Pet94, Sjö95b, Sun93]. **Explicit** [AR96, Ano94s, BT97a, CD93, CK92, CK93a, CCG95, DW96a, DW96b, GM96, Han93b, Mur96, OS98, PC96, RFL93, Ske98, SCW94, TCS97, WNY93, Wri98, YM91, YM92b, YM92a, Yee97, ZWS98, dNPT95, Ben90, Ben92a, Ben92b, KL92b, MDA91]. **Explicit/Implicit** [OS98]. **Exploration** [dM97a]. **Exponential** [CGY93, Hwa96, UL98, CGY92, KS92, LKLE90, LLEK91]. **exponential-linear-in-depth** [KS92]. **Exponentially** [HA93, MW94, Sim99, Wan97, CRS90]. **Exponents** [SV97]. **Expressions**

[Sen99]. **Extended** [Li97, Lio95, SNL90]. **Extension** [AS99a, DW94b, DHS94, MM96, SBGK99, Wir97, FK90, Kle95]. **Exterior** [AK95, DE93, DÜ92a, GP98b, SRA98, DÜ92b]. **External** [GHS93a, SW99b, Tsy95, BAB90, Fer90a, Fer90b, GHS93b]. **Extracting** [WJTP96]. **Extraction** [Tak92a, Tak92b, DK92a, DK92b]. **Extrapolated** [Cra94, GSY92, Got92]. **Extrapolation** [Rea97]. **Extrapolative** [SS99b]. **Extreme** [VSM99]. **Extremum** [Mas96].

Faces [SSW98]. **Faceted** [RT94]. **Facing** [Zhu95]. **factor** [Dra90]. **Factored** [KTN+94]. **Factorization** [BNW96, Iva93, SNU98, CM91, DD92b, Shu91, Shu92b, Shu92c]. **Factors** [Bec94, Ruy93]. **Faddeev** [HB90b]. **Falling** [RKJ97]. **Family** [Mah98, WEQ+99, GY91]. **Far** [Bas92, BJ95, Wan99, BG92, SC90]. **Far-Field** [BJ95, SC90]. **Far-from-Caustic** [Bas92, BG92]. **Fast** [AS95c, AS99a, ABC94, BCM99a, Boa97, Bör97, BFO99, BM90b, BM91c, Boy92c, BIAV98, BFGG94, BCDL97, CDM98, CL93, CD95b, DS97a, DD95, ESM98, EG95, FD99, GR97, Gue94, Iva93, JCA97, JMR94, JS93, KKH+99, LBL98, LRW95, MCPR95, MGM95, PMO+99, Pet96, Pli95, RS94b, She95, STS98, Str91, Str92a, Str92b, Str97, Str99a, VD90, VP97, Zha98, ZLP97, BP90, Boy92b, BL90a, BL90b, But90a, But91, CGR99, CPP93, Dar90c, Dar91b, Dar93, HLB94, HHG91, HHG92, JVR93, LM92, Mak99, Sol92, Val90, YR98, Boy92d, SBKH92, Sor95, Tak92a, Tak92b]. **Fast-Fourier-Transform** [Tak92a]. **FBTCS** [BD93]. **FCT** [GK94, GG92b, Ods90a, Ods90b, Ods93, Vel93]. **FDTD** [FHKZ97]. **Features** [Kel94, KE93]. **Feedback** [MSV98, WJC93]. **Feigenbaum** [VDJ93]. **FEM** [AD93, DT90a, DT90b, GQ97, PL98]. **Fermi** [Gag98, Gro91, Gro92, Hof95]. **Ferraro** [KT99]. **Few** [BCRR98, MRD92]. **Feynman** [Nog93, PJ94]. **FFT** [JJK92, LM92, PH95b]. **Fibonacci** [MCPR95]. **Fibres** [SG98]. **Fictitious** [CJM97, FPQ93, GPWZ96, HKNT98]. **Field** [BDS+99, Ben96, BJ95, CSN93, DS97b, FV97, FC95, GSB+93, GGK95, GKG95, GHS93a, Jac99, oJ95, oJ97, JSD95, KLB99, KB99, LO98, MM98, Nak95, Rob99, RT94, SSW98, TSW95, VB95, WS96, Wan99, YP98, YR93, BLMR92, Blu92, HLD92b, HLD92a, Hor90, Hor91, Poi91, RD91, RCAM92a, RCAM92b, SC90]. **field-effect** [RCAM92a, RCAM92b]. **Fields** [AR93, BS99b, BS99c, EM95, EHM97, FM97, GS97b, Knu95, MD95, Mei98, Shi93, SBC99, SW99b, SB98, TS96, Tan94, WJTP96, BAB90, CG97c, ESM98, GWI92, Hor91, RH91, VY91, VY92, VC90, VC91]. **Fifth** [Boy96a, Tol94, TL98]. **Fifth-Order** [Boy96a, Tol94, TL98]. **Filamentation** [KF94]. **Filaments** [HKS98, Qi93, Fau90]. **Film** [LNR99, MB99, Pri98]. **Films** [BCM99b, KK95, RKJ97, LY90b]. **Filter** [Boy98, CG97b, JCA97, LM95, LCM96, MO95, YS98b, Ben92a, Ben92b, SCMU92a, SCMU92b]. **Filter-Diagonalization** [CG97b]. **Filtering** [BL99, Boy98, Can95, LIH97, SD93a, LO91a, LO91b, MS90b, MS91c, YR98]. **Filters** [VLM98, YSD99]. **Filtration** [KF94, SI94]. **Find** [Rea97, MMS90a].

Finding [DA94, Hoo90]. **Finite** [AL97, ABLD94, Ano99-30, AP91a, ADH+93, ADS96, AK99, BD96, BR97a, BR97b, BMZ95, BL94, CLO93, CN95, CLNT98, CHR99, CGA93, CGA94, CO95, CA93, CGY93, CGKC93, CKR93, CDW99a, CL98b, DW98c, DDS97, DK98, Dur93, EL96b, EL97a, EL97b, FO93, Fat99, FA97, Fen99, FT96, Fur99, Gag98, GS97a, GMM99, GO96, GO98, GN96, GP98b, GPWZ96, GHKH93, Han93b, HT95, HT94, HMOS95, Her93, HWM96, HW97, HW96, Hub99, Hum96a, HKvV95, oJ95, oJ97, nJ93, JcW99, KKK95, KD97, KT99, KPP99, Kob99, LW95, LBB94, Leb99, LWT99, LK94b, Li97, LL96, LWC93, LL93a, LO93, Luk99, Mah98, MW97, kM93a, Mat97, MS98, Mei98, MW94, MLVM98, MQS97, MJPC99, MG97b, NC97, Nat90, Nat91, NC99, OBB98, PK94, PS93a, PZC98, PBD94a, Ram95]. **Finite** [SSR96, Sai95, Sak96, SPC93, Sch96, SLMS98, SBGK99, SA95, SS95, SK96, SCR97, SM98b, SNL90, SL98, SC96b, Tad97, TW93, TW94, TSW95, Tan94, VPS95, VP96, VO96, VS95, Wan97, WJTP96, WK99b, XMJ95, XMP97, YL98, YMAC99, YPH94, Zan97, ZC94, Zho98, ZL93, ZRR99, dLMSS95, vGVO98, vdVvdV98, AAP+95, Ano95u, BB90a, BB91a, Ben90, CP90, Cas90, CGY92, Chi91, Chi92a, Chi92b, CGKC92, DD90, DD91, For92c, FMS92, GL95, Gla92b, Gla92a, yGmC92, GC92, HGH90, HGH91, HHG91, HHG92, HM90, JC92, LM90b, Lel92, LG94, kM90, kM91, Mao92b, Mao92a, MLB92, MB92, Nat92a, NSR92a, NSR92b, OB95, OGS90, OGS91, PTM92, RM90, RM91, RF90, RF91, SPC92, SAB95, Str94, Tay91, TNW92a, TNW92b, YMB+91, ZB92a, ZB92b]. **finite-boundary** [PTM92]. **Finite-Difference** [CGA93, CGA94, CKR93, DDS97, GN96, HWM96, HKvV95, Li97, NC99, SA95, SS95, SM98b, VO96, YL98, ZC94, Zho98, ZL93, AP91a, BB90a, BB91a, Ben90, HGH90, HGH91, NSR92a, NSR92b, RM90, RM91]. **Finite-Element** [ADH+93, Fen99, GMM99, GP98b, Hum96a, TSW95, Nat90, SNL90, AAP+95, HGH90, HGH91]. **Finite-Grid** [BL94, Ram95]. **Finite-Temperature** [Gag98]. **Finite-Volume** [AL97, CA93, GS97a, KPP99, LL96, LWC93, MJPC99, MG97b, PK94, SLMS98, SC96b, HHG91, HHG92]. **Finite-Volume/Newton** [LL96]. **Finite-Volume/Particle** [MJPC99]. **Fire** [MRB94]. **Fire-Driven** [MRB94]. **First** [Ben95, Ena93, Jab94, Mar94a, MR99, STG+96, BY90, BY91, Hal90a, Hal90b]. **First-** [STG+96, Hal90a]. **First-Order** [Ben95, Ena93, BY90, BY91]. **Fisher** [QS98]. **Fit** [CJ95b]. **Fitted** [BW98, MW94, Sim99, Wan97, CRS90, SKK90, SKK91, SH92, Wes92a, Wes92b]. **Fitting** [TPRC96]. **five** [Fig92]. **five-point** [Fig92]. **Fix** [AK97, FMM99]. **Fixed** [LZG99, UKSTST97, UMS99, Vad97, Dra90, PL92a]. **fixed-stencil** [PL92a]. **FLAIR** [AP91b, AP90]. **Flame** [XS93]. **Flames** [QTL98]. **Flat** [CPB96, HPS92a, HPS92b]. **flaw** [Bor91b, DM91a, DM92a, DM92b]. **flawed** [DZ91]. **Flexible** [SG98]. **Flight** [LK98]. **FLIP** [Bra90, Bra91, BSB92]. **Flow** [Abg96, And94, AR96, Ano97-29, Ara97, AR97b, AMP+98, BST95, BD96, BH96, BS99e, BD94a, Ber95, BBMB97, Bro95, BDML94, CN95,

CBL95, CJR95, CE97, CM94, Cho93a, Cho97, CCG95, CDT98, CRRR97, DGN97, DECB98, DK98, DS97b, Dur93, ES94, Fis94, FJGP94, FM97, GHS93a, HC97, HD97, HCZ99, HML99, HAC97, HH98, HT97, HZC+95, HLOZ97, HW96, HL98, HC93, Jac95, JYH93, JV95, Kar94, KNW99, Ku95, KCV99, Kup98, LL99, LT93, Lee98b, LL96, Lil97, LL95, LF96, LLK98, MB99, MWM94, Mar97, Mav98, Mei98, MW94, Min96a, MB97, MB96, MH93, MLVM98, NWK98, NC93, Oos97, ÖLJ98, Pai97, Pap93, PBC+95, PH95a, PM93, Pet96, PR93a, PG97, PMR97, Poz99, Pri93, Puc97, PV93, PR93b, RS95, RWW94, RS99a, RHB94, SB96a, ST95]. **Flow** [SBGK99, SK98, Set94, SK96, Shy99, SCG94, SR98, SB96b, SP96, SXG99, SSO94, TP97, Tsy95, VM96a, Ver97a, Ver97b, WK96, WKK98, Xu97, YH95, ZP95, Zhu95, vBKG97, BP90, Bar91a, BLK90, Bor92a, Bor92b, DM92c, DD92b, Fer90a, Fer90b, GKM96, HL92a, HL92b, IT90, IGABB90, IABBG91, KBS90, Kle95, KHM92a, KHM92b, KG92a, KG92b, LGC92, LG90, LG91, LH90, MNP90, Nat92b, Pap92, PPM92a, PPM92b, PM92, PDC91, RM90, RM91, Ram90a, Ram90b, RH91, RS90, RWC90, SBGM92, She90, She91, SV91, SA90b, SA91, Sul91, SB91, TMR92a, TMR92b, VY91, VY92, WR91]. **Flow-Impedance** [ÖLJ98]. **Flowfields** [JT99]. **flowing** [MD90]. **Flows** [APV98, ARB96, AR97a, AE95, BMGM95, BLG97, BPT95, BW98, BS96, BNW96, CDF95, CS97a, CS99, CPB96, CHMO96, CM99a, CM93, CK93a, Cle97, CS97b, CP99, CEG+97, CL98b, DFaIM98, DE99, DL94a, EL96a, EL97a, EL97b, Edw96a, ES93, FB94, FAH97, FBM93, FMO97, FMM99, FAMO99, FH98b, FGM97, GSB98, GO96, GO98, GG97, GB97, GM95a, Gri94, GQ97, GLN+99, Han93a, HK95, HS99a, HSZ+97, IS96, IR98, Jac99, JR96, JSD95, Kar97, KP97b, Kno98, Kop94, KK96, Kop96, KMM96, KM97b, KMS99, LNS+94, LNR99, LLD93, Leb99, LML99, LZS98, LL93b, LL94, LQK98, LKK99, LBL98, MD98, MBV93, MPR99, MG97a, MA95, Mau99, MRB94, MPPZ96, Mon94, MFZ97, MVZ97, MB94, MJPC99, NP94, PB98, PP93, PVQ97, Pop95, PC99b, Pri95, PM98]. **Flows** [PAB+97, RG97, RL97, RH99, Sai95, SA99, SBGK99, SK98, SMT99, SMJ98, SM98b, SDP97, SCT+99, SWD95, SAB+99, SF99, TZA96, TH96a, Tid97, TM94, Ton96, TM93, Ush96, VM96b, VO96, Vie94, VRD99, Wel95, WP97, Wel98, WSK99, WL93, WLC96, WWW95, Xia99, XP99, YB98, hYsY96, YSMG97, YMUS99, ZB96, Zho96, vM95, vdVvdV98, BM92, BAB90, BY90, BY91, BY92, Bra92, Bue91, CPJ90, CS92b, CS92c, CK92, Dar90b, Dar90c, Dar91b, Dom90, ES92, Fis90, GG92b, GC90, GHS93b, GS93, HLB94, HPS92a, HPS92b, HLS94, HW92a, HW92b, Kal91, Kal92, LLD92, LS92a, Lar91, Lav90, MDB91a, MDB91b, MGP91, Mav90, MLB92, PTM92, PL92b, Poi92, RR90, RR91, RIW90, SC90, SK90, SCC93a, SA92a, SA92b, Tay91, TNW92a]. **flows** [TNW92b, UT91, UT92b, UT92a, YKM90, YTS92]. **Fluctuation** [Asl99, WK99b]. **Fluid** [Ara97, BH98, BS99e, BC99, BO96, CHMO96, CJR95, CDW99a, CDW99b, Cor96, DNN93, DE99, FAX99, FAMO99, GO96, GO98, GLN+99, HR96, HW96, HC93, IR98, Iva93, Jac95, Kho98, KPC93, KM95, KM97a, LPMS94, LT93, Lil97, LW97, MW97, Mau99, Oos97,

PAB+97, RD91, RC95, RFL93, Sai95, SK94, Sco96, Shy99, SCT+99, TK96, UI99, Ver97a, Ver97b, Vu96, Zal97, Bil90, Fig92, GL95, KPC92, KHM92a, KHM92b, KCV99, LL92a, LL92b, MNP90, RD92a, RD92b, Sch92c, SV91, UT91, UT92b, UT92a, VNC92a, VNC92b, YSG91, YMB+91]. **fluid-ion** [LL92a, LL92b]. **Fluid-Mixture** [Shy99]. **Fluid-Particle** [Mau99]. **Fluid-Solid** [Iva93, GL95]. **Fluidized** [vWBS+97, CGSS90, CGSS91]. **Fluids** [Kup98, Sch95b, SHF97, LRJ+99]. **fluorescence** [LKLE90, LLEK91]. **Flux** [AAL97, AP90, AP91b, BB97b, CB97, DeV91, DM96, DFaIM98, GMM99, GVM99, GC90, LeV98, Lin95, LS93b, LDB98, MA95, PFS98, RK95, RvR93, SS94, SCM98, SS96a, Smi99, Thu96, TO96, XMJ95, Xu99, Zal97, ZWS98, BR92a, BR92b, CLJ+90, Dic90, Gra90, Rob90a, SH90, Shu92a, Shu90, SLV90, VM90]. **Flux-Corrected** [BB97b, GMM99, SS94, Zal97, ZWS98, DeV91, Gra90]. **Flux-Correction** [SS96a]. **Flux-Difference** [Lin95, Dic90]. **Flux-Limited** [Thu96]. **Flux-Split** [DFaIM98, GC90]. **flux-splitting** [Shu90, SLV90]. **Flux-Vector** [CB97, LDB98, XMJ95, VM90]. **Fluxes** [AK97, BS99b, BS99c, CL98a, LM97, VK98, LVS90]. **FMM** [SB98]. **Fock** [Dav91, Dav92a, Dav92b, FG90b, FG90a, dFD+94]. **Fokker** [BCDL97, BC98, Epp94, GGZ93, Mik90, Mik91, PC92b, PC92a, SVG92, SVG93]. **Folding** [AT99]. **Following** [Maz94, SH94, UWH99]. **Force** [GHS93a, GBS99, SS99b, Sch95a, TWV97]. **Force-Splitting** [SS99b]. **Forced** [GGG94, MD98]. **Forces** [CDM98, Cod99, Cor96, DLMN91, DLMN92b, DLMN92a, LDB96]. **Ford** [FK90]. **Form** [BTW96, CI97, HI98, Sen99, van93, Dau92a, Dau92b, SVS90, SVS91]. **Formalism** [SS96a]. **Formation** [RKJ97, RB95, Alm93, SCA92a, SCA92b]. **Formula** [DM96, Gra95, Jam99, ARS91, LT91, LT92, Vre91a, Vre91b]. **Formulae** [GC95]. **Formulas** [KU94, LV98, Hui90, Hui91]. **Formulated** [Hag94, HHG91, HHG92]. **Formulation** [BK97b, CHMO96, CZS98, Cle97, DH95, DE99, EL97a, EL97b, EP99, ES93, Gla95, KNW99, LM95, Leh99, LH95, LLK98, MKM98, Nak95, NPC93, Pri96, RS90, TK99, Waj93, Yee97, YMAC99, AC92, BSB92, Dic90, ES92, Hei92, LM90b, MH94, SAB95, Tou92]. **Formulations** [CSW98, CE97, Had99, Shu95, Taf95, WWW95, Tid95]. **Fornberg** [Aoy95]. **Fortified** [Fuj95]. **FORTRAN** [LP90]. **Forward** [Ano97-29, CS97a, CS99, CG97b, SB96b]. **Forward-in-Time** [Ano97-29, SB96b]. **Four** [AFH94]. **Fourier** [Boy92d, SBKH92, Sor95, Tak92a, Tak92b, Boy92b, Boy92c, Boy94, BS98b, Can95, CG93, CK90b, CK91, CJ95a, CD98, EHM97, GTD98, GMCH92, Liu96b, Osb90, Osb91, Pel91, PO90, PO91, RF90, RF91, SE98, TKKB92, Tes92, TC98]. **Fourier-Wavelet** [EHM97]. **Fourier/Chebyshev** [CJ95a]. **Fourth** [AD97, GKZ97b, GO95, Hen94, RF95, Yav97, dFSS92]. **Fourth-Order** [AD97, GKZ97b, GO95, Hen94, RF95, Yav97, dFSS92]. **Fractal** [EHM97, JMR94]. **Fractional** [Abd95, AS99b, JR96, Per93, Per95, Sha95a, Yin96, ZSK94, LM90a, LM91, MPG92a, MPG92b, RKV90, RKV91].

Fractional-Step [AS99b, JR96, Sha95a, LM90a]. **fractions** [Lar91]. **Fractured** [LLK98]. **Fragmentation** [LNS+94]. **Frame** [Bar94, BTW96, HTK90]. **Framework** [BPS95]. **Free** [CS99, CJR95, CK93a, Clé96, CT98, DL94a, HS93a, HS99a, JMDB99, KP97b, KNR99, LSLG97, MBV93, MPR99, MA95, MBI+97, Mon94, Nun93, Pet96, RLT93, RS99a, SP98, SSR96, SVV98, TH96b, TLW95, TM94, ZYKC98, AN90, BR92c, BR92d, Bue91, Cal90, Cal91, CS92b, CS92c, CK92, For92c, FMS92, Kar91, Kar92, LGC92, LBL98, PBBS91, PTM92, Ram90a, Ram90b, RR90, RR91, Rom92a, Rom92b, SRSB93]. **Free-Boundary** [TH96b, LGC92]. **Free-Lagrangian** [HS93a]. **free-shear** [Bue91]. **Free-Surface** [HS99a, RS99a, Ram90a]. **Freeman** [Boy97b]. **frequencies** [Tak92a, Tak92b]. **Frequency** [AN98, ARTAAA97, BDC97, DOOSM99, DDS97, FEO95, GRB+95, GH95, PC96, SA95, Tan93, LL92a, LL92b]. **Frequency-Dependent** [AN98]. **Frequency-Domain** [SA95]. **Friction** [BLT96, PM99]. **Frictional** [GS97b]. **frog** [AA90]. **Front** [ALTP98, GT97, JT96, KP98, LS96, Mav95, MP93, QTL98, Boy92a, Poy92, RT92, UT91, UT92b, UT92a]. **Front-Tracking** [ALTP98, JT96, UT92b, UT92a]. **Frontal** [GTD98, RS94a]. **Fronts** [UMS99]. **Froude** [TSR92, TS96]. **Full** [BES94, CLJ+90, ETRW95, XMP97]. **Full-Wave** [ETRW95, CLJ+90]. **Fully** [Anc94, BY94, CLNT98, Kho98, MLVM98, MK97, RT94, SPCD96, STW97, VBD99, Wan95, MLB92, SA90a]. **Fully-Lagrangian** [Anc94]. **Function** [AFH94, AQ99, BPS95, Bri95, EP99, FD93, For97, MH94, MP93, OK94, Osc94, RvR93, Tad97, vGVO98, BG92, Bas92, MPG92a, MPG92b, MS91b, MS92b, MS92a, Raw91, SC90]. **Function-Transport** [FD93]. **Functional** [VC90, VC91]. **Functionals** [PDS99]. **Functions** [Boy92d, Boy94, CP98b, Gou96a, Hof95, Jab94, LZG99, MBF94, NCF96, PDHS94, PZ98, SRVK96, Sor95, BS91b, BS92a, BS92b, CR91, CJR91, CJR92a, CJR92b, Dom90, HS90, KF91]. **fundamental** [JB91, JBvK+91, Kar91, Kar92]. **Fusion** [KL93]. **Future** [Ano93a, Ano93b, Ano93c, Ano93d, Ano93e, Ano93g, Ano93h, Ano93i, Ano93j, Ano93k, Ano93l, Ano94a, Ano94b, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano94h, Ano94i, Ano94k, Ano94l, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano95j, Ano95k, Ano95m, Ano95n, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96a, Ano96i, Ano96j, Ano96k, Ano96l, Ano96m, Ano96n, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano97l, Ano97m, Ano97n, Ano97o, Ano97p, Ano97q, Ano97r, vL97a, vL97b, Ano90c, Ano90d, Ano90e, Ano90a, Ano90b, Ano90f, Ano91a, Ano91d, Ano91b, Ano91e, Ano91f, Ano91c, Ano92a, Ano92c, Ano92b]. **future** [Ano93f, Ano94j, Ano95l].

GaAs [LK94b]. **Galerkin** [AC92, AQ98, ABLD94, AQ99, CS98b, DS94, Eyr95, Fen99, Gil97, Gir97, Gir98, HHR99, JLB90, LKK99, Pri94, RL95, SO95, She95, WK99a, vdVvdV98].

Galerkin-Collocation [DS94]. **Galerkin/Runge** [Gil97]. **Game** [JH97]. **Gamma** [CP98b]. **Gap** [AK99, DL94a, RCA93, RCA92]. **Gaps** [CS97a]. **Gas** [APS97, BD96, BO96, DS97b, Eka99, FMO97, JMT97, Kul95, LL93b, MS99a, Mon97a, MS99b, MVZ97, NP94, Pap93, PC99a, PX93, SMD98, SW99a, SBC99, SXG99, TH96a, TS99, XP94, XMJ95, Xu99, YCTC97, YPH94, vL97a, vL97b, vWBS+97, BM90a, Boy90, Boy91a, CMK90, CYD92, Kop90, Kop91, MOS92, Nic93, Pap92, VM90]. **Gas-Dynamics** [vL97a, vL97b, Kop90, Kop91]. **Gas-Fluid** [BO96]. **Gas-Kinetic** [PX93, SXG99, XMJ95, Xu99]. **gas-phase** [CYD92]. **Gasdynamic** [LMB94]. **Gases** [FWBS94, SLL94, LVS90, RNSV91, Shu90, SLV90]. **Gauge** [AFH94]. **Gaunt** [GÖAY95]. **Gauss** [BN94, LPMS94, Yak96]. **GAUSSIAN** [LW96b, CP98a, Chi91, Chi92a, Chi92b, FWWD94]. **GEMMW** [DHSS94]. **General** [AP91a, BRR92, GM98, KU94, RH98, SS95, TM94, Tót97, VLM98, WSK99, DS90, May92b, May92a, OGBSK90]. **Generalisation** [JB95]. **Generalised** [LH95]. **Generalization** [Boy92d]. **Generalizations** [Mor92, MVZ97]. **Generalized** [ART95a, ARTAAA97, AB97, BK94, BD97b, Can96, CJS99, CM95, HKR99, Jor99, NO93, OD99, SH94, VM90, Mor90, RKV90, RKV91, YR98, ART95b]. **Generate** [Gre94]. **Generated** [Ruu98a, Ruu98b, RMO99]. **Generating** [CKE99, Chi91, Chi92a, Chi92b, HN95]. **Generation** [And94, CPB96, CC98, CS93b, Eça96, GA98, HK93b, JS93, KM96, Knu95, LWS98, Man93a, Mur96, Nog93, OK94, Reb93, RS99b, SAS94, Set94, Spe95, TYS95, TA91a, AC92, AS90, AS91, BES90, Dar90a, Dar91a, Dar92, Dvi90, Dvi91, FK90, HL90, HL91, Kan92, KL92a, LP90, Mav90, SR90, SR92b, SR92a, Wes94]. **Generator** [CI97, MCPR95, ASTAS91, Knu92]. **Genomics** [SS99a]. **GENSMAC** [TM94]. **Genuinely** [CWC99, GNHP95]. **Geodesic** [Gir97]. **Geometric** [BB96, FH97, FHL97]. **geometrical** [BWJ90, MWJ91]. **Geometrically** [Smi99]. **Geometries** [AM96, CBL95, DÜ92a, DECB98, DL94a, Ku95, LS98, MV99, MGM95, SP98, UKSTST97, VLM98, DÜ92b, SD93b, SBGM92]. **Geometry** [Fis94, GM95a, LMS98, Pri95, RIP96, SS96b, SLMS98, UL98, VC99, BM91a, BM91b, CLJ+90, CHL+90, WDH+92a, WDH+92b]. **Geophysical** [BC99, SM98b]. **Geostrophic** [SMW99, Vie94, LBB94]. **Ghost** [FAX99, FAMO99]. **Ghosting** [YS98b]. **Given** [Gou96b]. **Glaister** [MIM90]. **Global** [Abd94, AK98, GS94, HW92a, HW92b, SSF92a, SSF92b, Swi96, WNY93, XMP97, BS91b, BS92a, BS92b, LJT92a, LJT92b]. **Global-Scale** [Swi96]. **GMRES** [KM92, Oos97]. **GMRES-Based** [Oos97]. **GMT** [ARTAAA97]. **Godunov** [Hir97, BS99b, BS99c, CCG95, DW95a, DW97, EMRS91, Hal90a, Hal90b, Kle95, KH97, LeV98, LH95, LH90, MP96, Min96a, MR98, SA99, Tab96, TS99, Van99, XH98, ZC91, ZC92, vL97a, vL97b]. **Godunov-Projection** [Min96a]. **Godunov-type** [EMRS91, MR98, XH98, Kle95, KH97]. **Good** [HP98, Mah98, Swa99]. **Gordan** [GÖAY95]. **Gordon** [AHS96, AHS97, CG93, DK96]. **GPMT** [ART95b]. **Gradient** [ANL94, BL98, BK97b, MBP94, BK91, BK92a, BK92b,

Che91, JE90, KH90, KH92, NP92, ZB92a, ZB92b]. **Gradient-Corrected** [BK97b]. **gradient-weighted** [ZB92a, ZB92b]. **Gradients** [LeV98, vBvNW95]. **Gradiometer** [JB95]. **Grand** [LPP99, Sch95b]. **Granular** [PC99b, ZDG95]. **Graph** [Nog93, MMS90a]. **Graphite** [KE93]. **graphs** [FK90]. **Gratings** [ES98]. **Gravitating** [YDT93]. **Gravitational** [CDM98, JDC94, MML98, SD93a, Sch95a]. **Gravity** [BD93, Clé96, CS93c, Dol92a, Dol92b]. **Gray** [Win95]. **Great** [Due93, DA94]. **Greater** [KSB+99]. **Green** [BPS95, Dom90, NCF96, Tad97]. **Greengard** [HM95, SB98]. **Grenoble** [Lya99]. **Grid** [And94, BK93, BH98, Boy92c, Bra93, BL94, BS98b, BSPL96, CS98a, CI97, CC98, COBA95, Eça96, Edw96b, EL96c, FH98a, FJ98, Hag94, Jak93, JC98, JLM+96, JS93, JR96, KM96, KK96, Kop96, Kop98, LZG99, Man93a, MS99a, MA96, OBL93, OK94, PBC+95, PR93b, Ram95, SS94, SAS94, SLMS98, Set94, SSW98, SBO93, SCR97, Spe95, SR97, SP99, ST99, Taf95, TYS95, Tan94, TRL99, WS93, YB98, YMUS99, ZSK94, ZC94, vdVvdV98, AM90, AC92, Boy92b, BBGL93, Cot90, Dar90a, Dar91a, Dar92, Dvi90, Dvi91, FVZ90, HTK90, HL90, HL91, ID96, Kal91, Kal92, Kan92, KL92a, Knu92, MH90a, Mit92, MF92, SV91, SR90, SR92b, SR92a, YM91, YM92b, YM92a, YMB+91]. **Grid-Based** [JLM+96]. **Grid-Point** [SP99]. **Gridding** [LT93]. **Grids** [ABBM96, AS94, AB97, ABLD94, And94, ARB96, AS99b, AD93, BD93, CG96, CKE99, CDW99b, EL97a, Fat99, Fri98, GO98, Gil97, Gir97, Gir98, HLD96, Hen94, Hub99, KPP99, KH97, KMM96, KMS99, LS93a, LL96, LO98, LV98, Löh95, LBL98, Mad95, Mei98, Min96b, Mur96, MG97b, PK94, PM93, PV99, SK98, SS96c, Tab96, TPRC96, UKSTST97, UMS99, Ven95, VM96b, VRD99, Wan95, WSK99, ZL93, vBvNW95, BK91, BK92a, BK92b, Lav90, LS92b, Löh90, LA90, PM92, SSB90, SSB91, SAB95, Ste92b, Ste92a, TA91a, Wat92b, Wat92a, Wes92a, Wes92b]. **Griseus** [DOOSM99]. **Grooved** [PS93a]. **Gross** [Eve96]. **ground** [FG90b, FG90a, Hoo90]. **Group** [FWWD94, ST93, For92a, For92b, ST92a, VG92b, VG92a]. **Growing** [KO98]. **Growth** [RT94, TH96b, AT92, SS91, SS92]. **Guidelines** [GH97]. **Guides** [HPG98]. **Guiding** [KPCJ97]. **Gummel** [Kul95]. **Gust** [SA95]. **Gyration** [KRGv93]. **Gyration-Dominated** [KRGv93]. **Gyre** [SMW99]. **Gyrokinetic** [BDML94, CW93, DL93].

Hairpin [Cho90a, Cho90b, Cho93b]. **Half** [LM97, YWS96]. **Half-Space** [YWS96]. **Hall** [Hum96a, KLBD93]. **Hamilton** [BS98a, LO96]. **Hamiltonian** [BS98b, CR91, Hol96a, LS94, MMS90b, MMS91, Row91]. **Hankel** [DK90, vNZ94]. **Hard** [MRC93]. **Harmonic** [Bor91b, Bor92a, Bor92b, HT95, Dvi90, Dvi91]. **harmonics** [Mik90, Mik91, YR98]. **Harten** [Shu97]. **Hartmann** [Leb99]. **Hartree** [Dav91, Dav92a, Dav92b, FG90b, FG90a, dFD+94]. **Heat** [BL99, BR99, DW98a, HIY95, LL99, LG90, LG91, LEI96, LL96, Liu96a, Nor98, PNC94, SCM98, STW97, Sie99, ZWS98, dG96, CW92a, CW92b, LE90, LE91]. **Heated** [RKJ97, PC92b, PC92a]. **Heating** [CC97, Ram97b]. **HECTOR**

[KC92, KC93]. **Hele** [BST95, HLOZ97, Whi90a, Whi90b, Whi94]. **helium** [FG90b, FG90a]. **Helix** [DMW99]. **Helmholtz** [AK95, BD97a, BL92, COS+98, EVP97, EO98, Eve96, Hu95, Lif96, LJT92a, LJT92b, Lu99, Mar90, SRA98, TW94]. **Helmholtz/Schrödinger** [EVP97]. **Helmhotz** [BL93]. **Helmhotz-Type** [BL93]. **Hermite** [SH98a, TC98]. **Hermitian** [LPBS96, WL96]. **Heterogeneous** [HSS97, MML98, CYD92]. **Heterojunctions** [LK94b]. **Heuristics** [Due93]. **Hexagon** [SCR97]. **Hexagon-Roll** [SCR97]. **Hierarchical** [PL98, Ser96]. **Hierarchy** [SVG93, SVG92]. **High** [AS96, ARTAAA97, AR96, AR97b, BS99b, BS99c, BR97a, BR97b, CS93a, COS+98, CGA93, CGA94, CO95, CA93, CWC99, DW95a, DDS97, DM97b, ES94, EVP97, Eka99, EB94, FEO95, FMO97, FM97, FCC97, GO96, GO98, GRB+95, Gup90, Gup91, Har97, HEOC97, JcW99, KIO91, LO91a, LO91b, LO96, LNR99, Lax97, LS96, LeV98, Leb99, LM95, Li97, LPC+93, LL93a, LO98, Mah98, MCPR95, Maz94, MP96, MS99b, Nor96, NC99, Pen95, PZC98, PAB+97, Rig94, SP98, SO95, SW92, Sha99, SWT98, Shu97, Sjö95a, Tay94, TRL99, VRD99, WR91, YG94, YKM90, Yee97, YSD99, Zha98, Zho96, Zho98, AB94, BY92, Bra92, CS92a, CKQ+93, DD92b, Mul92b, Mul92a, Tay91, TNW92a, TNW92b]. **High-Accuracy** [YG94]. **High-Energy** [Maz94]. **High-Frequency** [ARTAAA97, GRB+95]. **High-Order** [BR97a, BR97b, CS93a, COS+98, CGA93, CGA94, CO95, CA93, DW95a, DM97b, GO98, JcW99, LNR99, Li97, MP96, MS99b, NC99, Pen95, PZC98, PAB+97, SO95, Sha99, YG94, YSD99, Zho98, KIO91]. **High-Precision** [EB94]. **High-Resolution** [AS96, AR97b, CWC99, DDS97, Eka99, LeV98, SWT98, Yee97, YKM90, Mul92b, Mul92a]. **high-Reynolds** [BY92, Bra92]. **High-Speed** [Zho96]. **Higher** [CK96, FJ98, Hwa96, MLVM98, Ohw98, OGWW98, Rav97, YR93, Nor91a, Nor91b, RS90, ZC91, ZC92]. **Higher-Order** [FJ98, Hwa96, ZC91, ZC92]. **Highly** [EL96c, HK98, MG96, Nor98, SSF92a]. **Hilbert** [GRB+95]. **Hill** [Wit96b]. **Histogram** [KE93]. **History** [CK92, CK93a]. **History-Dependence** [CK93a, CK92]. **Hole** [GBBH96]. **Homoclinic** [AHS96]. **Homogeneous** [BT97a, PC99a, Sch90]. **Homogenization** [MDH98]. **Homotopy** [Eve96]. **Hopf** [AAP97, GGH90, She90, She91]. **Hopping** [Dru99]. **horizontal** [HWY90, HWY91]. **horror** [Mil91]. **Hot** [CKR93, Nun93]. **Hourglass** [CS98a]. **Hourglass-Type** [CS98a]. **hp** [LQK98, OBB98, RS99a, SK96]. **hp/Spectral** [RS99a]. **Huang** [Ano99-30]. **Hugoniot** [JM98]. **Human** [JBA96]. **Humans** [DDS97]. **Hybrid** [AS96, Bau97, BDC97, DW96a, DW96b, DDS97, FHKZ97, Had99, HP93, HK98, HLOZ97, KPP99, LT93, LJT92a, LJT92b, Mat94, MJPC99, Nea94, Nun93, OS97, Ram95, Ram97b, SH99, SK98, SFHD99, SCW94, Swi96, Vu98, ZOI97, Bue91, HP92, LS92a, PTM92, Ste92b, Ste92a]. **Hydrodynamic** [CCGJ95, GS95, KM93b, ST93, TO96, Zan92a, Zan92b, ST92a, SRSB93]. **Hydrodynamics** [BBF+99, Bal94b, BH98, CBSW98, Chr97, CM99b, DW96a, DW98b, DW95b, FQ96, GS97b, LPC+93, LSRS99, Man93b, MM96, Ods93, PL93, PX93,

SKR+93, SHA95b, WP97, Wha96, Zab97, Bal95, HCC91, MIM90]. **hydrodynamics-suggestions** [Bal95]. **Hydrogen** [KKOF97]. **Hydrology** [BL98]. **Hyett** [Cha90]. **Hyperasymptotic** [Boy95b, Boy97b]. **Hyperbolic** [AS94, BT97b, CGA94, CA93, CK93b, DW95a, DW96b, DS94, ER96, Ena93, FMO98, GTA99, GO95, Har97, Jin94, Jin95, JL96a, Lax97, LeV97, Noe94, PLD97, RL95, SO95, Sal94, TYS95, BWJ90, CGSS90, CGSS91, Col90, Dur91, DEO92, FP92, JW90, LO91a, LO91b, LY90a, MWJ91, NT90, PL92a, SW92, Shu92a, Tho90]. **Hyperelliptic** [Osb93]. **Hypergeometric** [For97]. **Hypersonic** [Edw96a, RS95, Zho98, LGC92, Mal90, MM91b, YKM90]. **Hysteresis** [CCGJ95].

IBVPs [GO95]. **Ice** [GS97b]. **Icosahedral** [SP99]. **ID** [Ano99-30]. **Ideal** [BD99, CG97a, DW94a, DW94b, JcW99, PV99, PS93b, PRL+99, Rom97, Xu99, ZC91, ZC92, ZDG95]. **Ideal-MHD** [PS93b]. **Identification** [LEI96, DM91a, DM92a, DM92b]. **II** [AS95b, Cho93b, EH93, Fey98b, GO98, GKG95, GKL+96, HL92a, KK95, KNW99, Kop96, MB97, Pri98, PO90, PO91, Rom97, Str91, Str92a, Str92b, SCA92b, Tho90, Tou98, WKK98]. **III** [Shu97, HEOC97, HL92b]. **Image** [TSW95]. **imaging** [Ben92a, Ben92b]. **Immersed** [AMP+98, Bot98, DFFG96, PP93, RPB99, SG98, SW99c, YMUS99, Bey91, Bey92]. **Impedance** [HP99, ÖLJ98, WJTP96, Yor90]. **Implants** [Maz94]. **implementable** [dFSS92]. **Implementation** [Abg94, CW93, DW96a, DB96, ESH93, EH93, Hig99, JS96, KKH+99, LM95, Nic98, PSL99, SSR96, SPCD96, Ser96, WONM96, Wan99, WDE98, WTH+96, van93, HTK90, KM92, VNC92a, VNC92b]. **Implementations** [GM96]. **Implemented** [ZV97]. **Implications** [SW99c, YSG91]. **Implicit** [ARB96, BLG97, Bec94, BR92a, BR92b, BNW96, CM95, CCG95, DW96a, DW96b, Edw96a, Eka99, Ena93, Epp94, GSB98, GH95, GH97, JSE97, KMB+92b, KMB+92a, KLB99, KCV99, LW96a, LMB94, LBL98, MH90a, MWW96, Mei98, Mon97a, MK97, OS98, PC99a, RC95, RY94, SPC93, SPCD96, Sco96, SCW94, STS+97, VM93, VM96b, WH98, WTH+96, WM94, WMG+91a, WMG+91b, YYCH98, Yee97, Zho96, AN90, Ano91n, Car91, Cas90, CW93, DD92b, Fri90, Ful93, Kle95, KNW99, LL91, NWK98, RD91, RD92a, RD92b, SPC92, SCC93a, SH94, SA90a, VRD99]. **Implicit-Explicit** [CCG95, DW96a, DW96b, SCW94]. **Implicit/Multigrid** [ARB96]. **implicitly** [IGABB90, IABBG91, KvdVPG95]. **Importance** [BS99d, DS96]. **Improved** [DM96, Ena93, GMM99, HSN90, Kno98, LCM96, Löt94, MRD92, Nea94, Ods93, PP93, Rea97, Ton96, VC99, For90, TNW92a, TNW92b]. **Improvement** [HN95, LM90a, LM91]. **Improvements** [Loe93]. **improving** [VBB90]. **Impulse** [Cor96, CV97, EL97b]. **Impulse-Based** [Cor96]. **Impulsive** [JYH93]. **impurities** [Zan92a, Zan92b]. **Impurity** [STS+97]. **Inadequacy** [BY90, BY91]. **Incidence** [WJTP96]. **Inclined** [MB99]. **Include** [Gou96a]. **Including** [Tan94, Wel95, CYD92]. **inclusion** [Dem92a, Dem92b]. **Incomplete** [CP98b, DK90]. **Incompressibility** [Wer95]. **Incompressible** [ABC+98, ARB96, Ano97-29, Ara97, BH96, BK94,

BTW96, BW98, BNW96, Bro95, CHMO96, Cho97, Cod99, CD95b, DF96, DK98, DIV98, ES94, EL96a, EL97a, EL97b, ETFS94, Fis97, FGM97, GTD98, GG97, GB97, GQ97, HCD98, HCZ99, HML99, Hen94, HW96, Hwa94, Jac95, JB93, Joh93, JR96, LL99, Lil97, LZS98, LF96, MBV93, MV99, Mar94b, MW94, Min96a, MB97, MLVM98, MFZ97, MB94, PR93a, PAB+97, Puc97, RL97, SK98, SNU98, SR98, SB96b, SSO94, SAB+99, Taf95, TZA96, Tau94, Ver97a, Ver97b, VO96, VRD99, WL93, WWW95, YYCH98, YMUS99, ZSK94, Zha94, AB94, BY92, Bra92, BJ90, CPJ90, CJ95a, DD92b, GS93, Gup90, Gup91, HLB94, KIO91, LM90a, LM91, LR90, LR91, MH90a, MGP91, Nat92b, PDC91, RKV90, RIW90, RKV91, RWC90, SC90, SBGM92, SA90a]. **incompressible** [SA90b, SA91, SA92a, SA92b, UT91, UT92b, UT92a]. **Incorporating** [KLBD93]. **Incorporation** [PM99]. **Incremental** [KTN+94, STG+96]. **incurred** [BE91, BE92a, BE92b]. **Independent** [SB98]. **Index** [Ano93m, Ano93n, Ano93p, Ano93q, Ano93r, Ano94m, Ano94n, Ano94o, Ano94q, Ano95p, Ano95q, Ano95s, Ano95t, Ano96p, Ano96q, Ano96r, Ano96s, Ano96t, Ano96u, Ano96v, Ano96w, Ano97s, Ano97t, Ano97u, Ano97v, Ano97w, Ano97x, Ano97y, Ano97z, Ano97-27, Ano97-28, Ano98r, Ano98s, Ano98t, Ano98u, Ano98v, Ano98w, Ano98x, Ano98y, Ano98z, Ano98-27, Ano99s, Ano99t, Ano99u, Ano99v, Ano99w, Ano99x, Ano99y, Ano99z, Ano99-27, Ano99-28, Ano90i, Ano90j, Ano90k, Ano90l, Ano90m, Ano90n, Ano91h, Ano91g, Ano91i, Ano91j, Ano91k, Ano91l, Ano92e, Ano92f, Ano92g, Ano92h, Ano92i, Ano92j, Ano93o, Ano94p, Ano95r]. **Indirect** [GGK95]. **Induced** [HK93a, KB96, Mar93, MG96, CWG90, CWG91, FA90, FA91, HK92, SE90, SCA92a, SCA92b]. **Induction** [DDS97, Sen99]. **inductive** [TA91b, TAD92a, TAD92b]. **Inertia** [BD93]. **Inertia-Gravity** [BD93]. **Inexact** [KM95, STW97]. **INF** [She95]. **Infinite** [Boy94, SK94, Wan99, CJ95a, HG94, Osb90, Osb91, PO90, PO91, SMR91]. **infinite-interval** [Osb90, Osb91, PO90, PO91]. **Infinitely** [Sch95a]. **Inflow** [LWS98]. **Influence** [Efr97, KHW98, MSF94, Wer95, Wer98, Dau92a, Dau92b, Tas92]. **Influence-Matrix** [Wer95]. **Inherent** [TYS95]. **Inherit** [Fur99]. **Inhomogeneous** [ABBM96, ADS96, GGK95, GKG95, JLL97, KM97a, Tan94, AP91a, Ben92a, Ben92b, DGD90]. **Initial** [DS94, ST97, DM92c, For90, SCA92a]. **initial-boundary** [For90]. **Initial-Value** [ST97]. **Initio** [AT99]. **Injection** [Zan99]. **Inner** [Wit96a, TfNW91, TNW92c, TNW92d]. **Insect** [LK98]. **insight** [BKP91]. **Instabilities** [CL98b, CB94, RKJ97, Vu96, Vu98, VBD99, vBKG97, DMZ91, GLM+90, HCJ92a, HCJ92b, LL92a, LL92b, OsKB+92]. **Instability** [Aoy95, ADS97, BL94, BDML94, Gel99, HCZ99, LJG96, LSB96, LL93a, Ram95, Ske98, VM96a, Wri98, AA90, AA91, MS90a, MS91a]. **Integer** [SCT+99]. **Integrable** [AHS96]. **Integral** [ARV99, AK95, BMZ95, DNN93, Eyr94, GEK+97, GKKR99, GKM96, Gue94, HBF93, Hof97, Hu95, KB96, LPMS94, LLK98, Mad95, Mot98, Nak95, NPC93, ZCH96, BL90a, BL90b, Che91, Dol92a, Dol92b, DK90, Dvo91,

DK92d, DK92c, HB90b, Kan92, KL92a, LP90, Rok90]. **Integrals** [CP98a, GM98, NM95, QF99, SH99, Sen99, Dvo91, DK92d, DK92a, DK92c, DK92b, LBC+93, LKB90, May92b, May92a]. **integrals-decomposition** [DK92d]. **Integrated** [PA95a, ZRR99]. **Integrating** [GS96b, LBB94]. **Integration** [AM96, Ara97, AKW93, CD93, DH96, FWWD94, GA95, Lil97, Mar94b, MC95, PZ98, Pop95, QF99, Sim93, ST97, Sim99, VM97, ARS91, CR91, HT94, HS90, MSF+95, Mil91, dFSS92, tVB92a, tVB92b]. **Integrations** [LV98, SNL90]. **Integrators** [FHL97, HA93, LS94, Maz97, Oku95, For92a, For92b]. **intensities** [GCMR90]. **Intensity** [MSF94]. **Interacting** [KKOF97]. **Interaction** [AS96, DFN+99, Fau90, GRB+95, Gre98, HHF95, MBI+97, SK98, SCR97, Zin94b, GL95]. **Interactions** [BFO99, Bru93, Cho93b, DQ95, DD95, DL94b, FCC97, ÖM95, Sch92c, BF91, Bru92, Cho90a, Cho90b, MMR90]. **interactive** [TSR92]. **Interface** [BMZ95, CNG99, CHMO96, Edw96b, FV97, FPQ93, GLN+99, HKW97, HLOZ97, LL99, NC99, TH96b, UMS99, Wan95, Wel95, AP90, AP91b, CP90, CNG17, KW92, MOS92, SCA92b, ZS92a, ZS92b, SCA92b]. **Interfaces** [AS95c, CF94, FAMO99, HF98, NPV96, PAB+97, RT94, Str99c, UI99, Kal91, Kal92]. **interfacial** [HLS94]. **intermediate** [AF90, AF91, IT90]. **Internal** [DM93, GG97, IS96, Leb99, Boy91b, Boy92a, KS92, MDA91, Poy92, QS90]. **Interpolating** [JBA96, LAE98]. **Interpolation** [Boy92c, Boy92b, GE92, Par90, RS91, SG92a, SG92b, SM92, Sto92, Fri98, GS96b, Hol96b, Löh95, MD95, OBL93, RHB94, SRF93, Swe96, Tad97]. **Interpretation** [Boy98, BWJ90, MWJ91]. **Intersecting** [Gra99]. **Interval** [Boy94, Boy95a, Chi91, Chi92a, Chi92b, Osb90, Osb91, PO90, PO91]. **Interval-Searching** [Boy95a]. **intervening** [Dra90]. **intramolecular** [DLMN91, DLMN92b, DLMN92a]. **Introduction** [Adl97, Bai97, Boa97, Dri97, Hir97, Lan97, Lax97, Lil97, Mar97, Puc97, Sem97, Tho97, Van99, Zab97, Zal97]. **Invariant** [Hob93, Hob92, MSF+95]. **Inverse** [CC97, Cra94, FA97, För96, GM95b, KL93, KS94, Liu96a, Osb93, PDC91, VSH96, YZ98, Abr91a, Abr91b, Cal90, Cal91, Dar90c, Dar91b, DM91a, DM92a, DM92b, SSF92a, SSF92b]. **Inverse-Variable** [KL93]. **Inversion** [Ben95, ZZ98]. **invert** [KvdVPG95]. **Investigation** [Dar95, GM95b, JT99, LLLY99, LLR94, PM98, IT90]. **Investigations** [Kre98]. **Inviscid** [AC93, Kou97, Mei98, PBBS95, Shu90, SLV90, TH96a, YG95, vBKG97, vdVvdV98, LVS90, PBBS91, PTM92, YKM90]. **Involving** [Sen99, CHW90, Dra90]. **Ion** [OS97, RHT96, SKO94, Vu96, Vu98, KDL+92, LL92a, LL92b]. **Ion-Driven** [Vu96, Vu98]. **Ionic** [LW96b]. **ionisation** [MM91a]. **Ionized** [JSD95]. **Ions** [BK99, YR93]. **Irregular** [Boy92c, JC98, PBC+95, VC99, Boy92b]. **irrotational** [PDC91]. **Ising** [PH94]. **islands** [RG90]. **Isobaric** [FMM99]. **Isolated** [BST95]. **Isometric** [CC98]. **Isomorphic** [Mot98]. **Isopycnic** [Hig99]. **Isotropic** [BC98, Hel96, GKM96, HSS97]. **Issue** [Ano99r, Ano90a, Ano90b]. **Issues**

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like [AD93, Cra94, LPMS94, LBC+93, Leh99, Lel92]. **Likelihood** [OP97].
Limit [DW98b, FV97, HCD98, Kla99, UMS99, Bor91a, BLA92a, BLA92b].

Limitations [Wha96]. **Limited** [Hum96b, MA98, Thu96]. **Limiter** [AR97b, JP95]. **Limiters** [Bis95, Hub99, Ven95]. **Limiting** [Swa99, BR92a, BR92b]. **Line** [Had99, OGWW98, VRD99, AP90, AP91b, HL92a]. **Line-Method** [VRD99]. **line-segment** [AP90, AP91b]. **Linear** [BBF+99, Bel97, BT97a, CMW95, DK98, ER96, FD99, GS97a, GS94, Gra95, JVS97, LLLY99, Luk99, MWS96, MBP94, PVVS98, PBD94b, SO95, TS98, VM96a, BR99, BB91b, BBF92a, BBF92b, Bor91a, BLA92a, BLA92b, BDR91, BS91a, BB90b, BB91c, CHL+90, FK90, GM92, KS92, MW93, SCMU92a, SCMU92b, VDJ93]. **Linear-Discontinuous** [MWS96]. **Linear-Scaling** [LLLY99]. **Linearized** [Alv91, Alv92, DL93, Hes98, Hu96, TAC98, TK96, Tou97, Tou98]. **Linearly** [KKOF97]. **Lines** [ZLP97, FVZ90, Hor90, Hor91]. **Link** [RMO99]. **Linked** [Bru93, Bru92]. **Linked-Lists** [Bru93, Bru92]. **Liouville** [Can96, JLB90, Ji94, Kob90, Kob91, Oku95, SFB91]. **Lippman** [GM95b]. **Lippmann** [Adh92a, Adh92b]. **Lipschitz** [DK90]. **Liquid** [AK94b, BCRR98, MWM94, UMS99, MD90, SCA92a, SCA92b]. **Liquid-Liquid** [MWM94]. **list** [FK90]. **Lists** [Bru93, Bru92]. **Lithography** [AS95a, AS95b, AS97]. **LMTO** [BS90]. **Load** [APS97, FLD93, BBK90, BBK91]. **load-balancing** [BBK91]. **Loaded** [GDP96, HK98, SK94]. **Loading** [CSN93]. **Local** [AAK+93, BS99e, DS96, DS99, ID96, Lee98a, Lee98b, MRS98, PMO+99, Pet98, SSW98, Ush96, Wel95, vdVvdV98, HW92a, HW92b, LJT92a, LJT92b, MF92]. **Localization** [SV97, Wes92a, Wes92b]. **Localized** [CM95, WEQ+99, Hor90, Hor91, SVS90, SVS91]. **Locally** [CDW99b, Min96b, Sak96, SZ97, YMB+91]. **Locate** [AB97]. **Locating** [Gre91, Gre92a, Gre92b, Vra95]. **Loève** [BS91a]. **Log** [MJP93, vNZ94]. **Long** [Ara97, AF90, AF91, CM95, JVS97, LNR99, Lil97, NC95, RN94, RS99b, Smo98, GG90, HT94]. **Long-Range** [NC95]. **Long-Ranged** [RN94]. **Long-Term** [Ara97, Lil97]. **Long-Time** [CM95, AF90, AF91, HT94]. **Long-Wave** [LNR99, GG90]. **Longitude** [STS98]. **Longshore** [RB95]. **Lossy** [ZLP97]. **Low** [BDC97, CP99, CJ95b, DOOSM99, DDS97, GH95, Goe95, HHM96, Jun99, JSD95, MFZ97, MP97, SMT99, SH98b, SDP97, SXG99, TEKC92, Tan93, TO98, VRD99, YSD99, EMRS91, IT90, Kle95, LL92a, LL92b]. **Low-Dispersion** [HHM96]. **Low-Dissipation** [HHM96]. **Low-Dissipative** [YSD99]. **Low-Frequency** [BDC97, DDS97, Tan93, LL92a, LL92b]. **Low-Mach-Number** [VRD99]. **Low-order** [TEKC92]. **Low-Speed** [SXG99]. **Lower** [BNW96]. **Lower-Upper** [BNW96]. **Lower-Upper/Approximate-Factorization** [BNW96]. **lowest** [MRD92]. **LU** [Shu92b, Shu92c, YTS92]. **Lubrication** [RK93, Ver91]. **Lyapunov** [CZS98, SV97].

MAC [BK91, BK92a, BK92b]. **Mach** [Jun99, Kle95, SBGK99, SMT99, SDP97, TO98, VRD99]. **macro**

[TZWH92b, TZWH92a]. **macromolecule** [JB91, JBvK+91]. **macroscopic** [LDB96]. **Magnetic** [BS99b, BS99c, CSN93, oJ95, oJ97, JB95, PFS98, SW99b, TSW95, VB95, ZV97, LH92, RP90, RG90, RP91]. **Magnetised** [Sco96]. **Magnetization** [Pri98]. **magnetized** [MS91b, MS92b, MS92a, OsKB+92]. **Magnetohydrodynamic** [BS99a, BS99b, BS99c, FGM97, KB99, Leb99, SWD95, TO96, HSN90, HB90a, HB91]. **Magnetohydrodynamical** [DW98c]. **Magnetohydrodynamics** [AK94b, Asl99, BKP96, BD99, DW94a, DW94b, JcW99, JSE97, LMS98, MR98, PRL+99, SLMS98, SL98, Xu99, Bra90, Bra91, DeV91, TLES93, YM91, YM92b, YM92a, ZC91, ZC92]. **magnetohydrostatics** [Cal90, Cal91]. **magnetorheological** [LRJ+99]. **Magnetosphere** [KKK95]. **Magnets** [Bot96]. **Magnus** [YHW90, YHW91]. **Maintaining** [BS99a]. **Manifolds** [AHS96, Hob93, KO98, Dvi90, Dvi91, Hob92]. **Mantle** [BY94]. **Many** [BF97, EA97, EM94, EM95, Lan97, MRC93, Zan99]. **Many-Body** [BF97, Lan97, MRC93]. **Many-Particle** [EA97]. **Map** [BST95, TSW95, GGM93]. **Mapped** [GS95, PBD94a]. **Mapping** [Boy94, DE93, DE99, KM96, KW93, LL95, LO93, SSR96, DP91, DP92b, DP92c, Kos92, LM92, OB95]. **Mappings** [BT92a, BT92b, Vra95, Boy91b, Boy92a, Dar93, Poy92]. **Maps** [GS96a, HPG98, Hob93, KO98, Dvi90, Dvi91, Hob92]. **Marangoni** [CT98]. **Marching** [LZ96, TCS97, YB98, Wei92]. **Marker** [TM94]. **Masking** [SS99b]. **Mass** [AMP+98, BR99, BSB92, Jai97, LK94a, STW97, TWV97, Wel95, CYD92, KDL+92, Lar91]. **Mass-Damped** [TWV97]. **Masses** [CS98a]. **Massive** [MP93]. **Massively** [LPR96, SDG94, Vu98, SBGM92]. **Master** [SVG93, SVG92]. **Matched** [AGH99, Ber96, Col97, Hes98, Hu96, JYH93, MO95, PSL99, Pet98, QG98, TAC98, Ber94]. **Matched-Phase** [MO95]. **Matching** [ART95a, ART95b, PBD94b]. **Material** [Bis95, LPC+93]. **Material-Based** [Bis95]. **Materials** [AK99, HW97, HSS97, DM91a, DM92a, DM92b, TZWH92b, TZWH92a]. **Mathematical** [AG97, SG94, Lav90]. **Matrices** [CG97a, LK94b, LR92, Mor92, MRD92, OS90]. **Matrix** [ASTAS91, BCRR98, BCM95b, BCM99a, BD94b, BL93, DHSS94, GS95, HL98, Iva93, Jai97, KHW98, LBL98, RH98, RMSB96, Wer95, Wer98, AAP+95, BL92, BL90a, BL90b, BSB92, Dau92a, Dau92b, IM95, KH90, KH92, Nat92a, Wei92]. **Matrix-free** [LBL98]. **Matter** [Bör97, CK93a, CK92]. **Maximum** [Osc94, OP97, Rei92a, Rei92b]. **Maxwell** [ADH+93, ADS96, Bis95, DF98, GK98, GMPGV96, Her93, Hil97, Hol96a, HS99c, LM90b, Liu96b, Mad95, PZC98, Sha95a, SF96, Sha99]. **May** [AAK+93]. **Mean** [Fri98, GBS99, Ruu98b, BLMR92, Blu92]. **mean-field** [BLMR92, Blu92]. **Means** [Abe97, CS98a, JBA96, Reb93, RH99, Dau92a, Dau92b, GHS93b, HB90b]. **measure** [Gre90]. **Measures** [Kal97]. **Mechanical** [Bar94, KKOF97, LLLY99, SMM+90]. **Mechanics** [HMD93, Ske98, Wri98, Val91a, Val91b, ZDG95]. **Mechanisms** [Gou96b].

Media
[ABBM96, ADS96, BBGL93, CE97, Dur93, GP98a, GGK95, GKG95, HKW97, HT97, HW97, JLL97, LLK98, Pap93, SV97, UL98, ZS97, Ben92a, Ben92b, Bor91b, Bor92a, Bor92b, Dra90, Hig92a, Hig92b, Nic93, Pap92, RS90]. **Median** [oJ95]. **Medium** [FK97, Iva93, KI99]. **Melt** [BDS+99]. **Melting** [KE93]. **Melts** [KWT+97]. **Membrane** [CV97]. **Membranes** [DMW99, SK94]. **memoriam** [Ano91m]. **memory** [Nat90, Nat91, Par90]. **memory-saving** [Par90]. **Merging** [LNS+94]. **Meridians** [Boy96b, Boy97a]. **Mesh** [Ano99-30, AE95, BS99b, BS99c, BCR99, CHR99, CH99, CP95, Coo99, DP93, Duk95, FGM97, GBCA99, HLD96, HT97, HRR94, Hum96b, JFH+98, Knu95, LP97, LWC93, NPV96, PGD99, QS98, Reb93, SM98a, Tho97, Vel93, Win97, AS90, AS91, Ben92d, Ben92c, DP92a, DHS91, FM92, Fra92, MK90, Mav90, MDHW92a, MDHW92b, SW92, Wes94]. **Meshes** [Abg94, HMOS95, Her93, Hew97, HS99b, KJ98, LQK98, Mav98, MRS98, OS98, OG97, PG97, UI99, VM93, CH90a]. **Metal** [AK94b, CKR93]. **Metals** [GBBH96]. **metastable** [SCA92a, SCA92b]. **meteorology** [KM92]. **Method** [AG97, Abd95, Abe97, AS95c, AN98, ALTP98, AM96, ABC94, ABC+98, AQ98, ABLD94, And94, AR96, ALW94, AAL97, Ano99-30, AS99b, AMP+98, ADH+93, ADS96, AQ99, AK99, BH95, BST95, BPS95, BY94, BR99, Bar94, BR97a, Bel97, BD97a, BD94a, Ber95, BMZ95, BW98, BL93, BLL99, BBMB97, Bör97, BB97a, Bot98, Boy95a, Boy95b, BL94, BS98b, BSPL96, BL98, BW95, Bru93, Bry97, BPM98, CLO93, CZ98, CLNT98, Can96, CG93, CHR99, CBL95, Cha95, CWF96, CWC99, CMOS97, CZS98, CM99a, Cho97, Chr97, CC98, CK93a, CKR93, CS97b, CS98b, CDW99a, CP99, CJM97, CLD+96, CEG+97, CDT98, CV97, CD95b, Cra94, CR99, DW94b, DBS94, DVD93, DDD98, DDS97, DZ96, DB98, DK96, DB96, DFFG96, DK98, Dob99, DS97b, DIV98, DF98, DA94, DL94a, DS94]. **Method** [EOS98, EP96, EM94, EHM97, Eyr94, FV97, FMO98, FAX99, FAMO99, FA97, Fen99, FKM99, Fey98a, Fis97, FPQ93, Fuj95, GACN93, Gar98, GTD98, GA96, GSB98, GK94, GH95, GH97, Gir98, GGK95, GKG95, GEK+97, GKKR99, GHKH93, HIY95, Han93a, HS93a, HLD96, HD97, HCD98, HML99, Hen94, HJ98, Hew97, HK98, Hir97, HAC97, Hob93, HLR99, Hol96a, HGFH95, HZC+95, HLOZ97, HW97, Hu95, HHR99, HS94, HK93b, IH95, IR98, oJ95, oJ97, Ji96, nJ93, JC98, JR99, JT96, JSD95, Kab96, KKH+99, KD97, KOS+96, KI99, KHW98, KPP99, KKOF97, KK96, Kop96, Kop98, KTE93, KM97a, KMS99, Ku95, KE93, KCV99, KP98, LPMS94, LPBS96, LW95, LLD93, LS93a, LEI96, LLR94, LL96, LWC93, Lio95, LMB94, LZ96, Loe93, LL94, LKK99, LS98, LDB98, LO93, Luk99, LBL98]. **Method** [MH94, Mal96a, Mal96b, Man93a, MV99, MKM99, Mar93, Mar97, MG96, MG97a, MM96, MA95, MM95b, MM97a, Mat94, MS98, MLS99, MPPZ96, MW94, MP96, Min96b, MS99b, MLBW97, MBP94, MA96, MJPC99, NP94, NC95, NC93, OS98, OBB98, Oli94, OP97, PC99a, PBC+95, Pen95, PMO+99, Per93, Per95, PQ94, PH95a, PCLC97, PVQ97, PL98, Pop95, Poz99, Pri93, Pri94, PAB+97, Puc97, QTL98, QS98, RK93, RN94, Rea97, RF96, RL97, RKO99,

Rie99a, RH99, RW96a, RW96b, RSW98, RPB99, RIP96, RY94, Rus93, SB96a, Sak96, SZ97, Sal94, SWS96, SA99, Sem97, SNU98, STW97, Sha95a, She95, SK93, ST97, SCR97, SRBG99, SG98, SW99c, SL98, Sun96, SRA98, STS$^+$97, SF99, Tab96, TKT97, TV94, TS99, Tau94, TTI97, TM94, TPRC96, TK99]. **Method** [TC98, UI99, VPS95, VP96, Vel93, VM96b, VRD99, VSG95, Vra95, VSH96, VSM99, WNY93, Wan97, WK99a, WDE98, Wer98, Win95, WEMH99, WS93, WCSW99, XS93, Xu99, YB98, YZ98, YMUS99, YMAC99, YPH94, Zab97, ZSK94, ZW97, ZZ98, ZY94, ZP95, ZWS98, Zhu95, ZCH96, ZOI97, ZV97, ZRR99, vD97b, vL97a, vL97b, vdVvdV98, AAP$^+$95, AN90, AS90, AS91, AB94, BP90, BB90a, BB91a, BKM90, BM92, BB91b, BBF92a, BBF92b, Bey91, Bey92, Bil90, BL92, Bor91b, Bor92a, Bor92b, Bra90, Bra91, BKZ92, BS90, BR92c, BR92d, Bru92, Bue91, BSB92, But90a, But91, CK90a, Cal90, Cal91, Car91, CRS90, Chi91, Chi92a, Chi92b, CPP93, CK92, Cot90, Dar90b, Dar90a, Dar91a, Dav91, Dav92a, Dav92b, DR90, Dom90, Dra90, DZ91, Flå92b, Flå92a, Fog92b]. **method** [Fog92a, For90, FM92, Fra92, Ful93, FVZ90, GCMR90, GL95, GSY92, Got92, Gre91, Gre92a, Gre92b, GHS93b, GS93, yGmC92, GC92, GMCH92, HM95, HLB94, Har92a, Har92b, Hei92, Hob92, Hoo90, HM90, HL92a, HL92b, IM95, Jac90, JLB90, JC92, KM92, Kar91, Kar92, KR95, KG90a, KEHK90, KKD90, KF91, KEHK91, KvdVPG95, KG92a, KG92b, LLD92, LS92a, LS92b, LL91, LKB90, Lif92, LH90, LP90, Mak99, MH92, MKM04, Mar90, MM91b, MMB90, Mel91, Mit92, Mor90, Mor92, Nat92b, NP92, ND90, OB95, OGS90, OGS91, PH94, PTM92, Pel91, PA95b, Ram92a, Ram92b, RF90, RF91, Raw90, Raw91, Rei92a, Rei92b, RT92, RNSV91, RKV90, RIW90, RKV91, RLM90, Rus90, SH90, SD93b, SSB90, SSB91, Shu92a, SCC93a, SA92a, SA92b]. **method** [Sul91, SB91, TMR92a, TMR92b, Tay91, TNW92a, TNW92b, TKKB92, Tes92, UWSB90, UWSB91, UT91, UT92b, UT92a, VY91, VY92, VBB90, Yan90, YR98, YHW90, YHW91, YMB$^+$91, ZC91, ZC92, ZB92a, ZB92b, dFSS92]. **Methodological** [Sch99]. **Methodology** [CGA94, Jor99]. **Methods** [AS99a, ANL94, AK95, Anc94, ABS96, Azm99, BM94, BBF$^+$99, BYMZY95, BLG97, BCM95a, BS93, BS96, Boy98, BBGL93, BGP98, CLO93, CS93a, CN95, Can95, CG96, CHMO96, CS93b, CK93b, Cot96, DE93, DH95, Don94, EL97a, ETFS94, Eye96, FMO97, FD93, FJ98, GS95, GS96a, Gir97, Gue94, GS96b, GLN$^+$99, GO95, HMD93, Han93b, HT95, HKNT98, Hei93, HK95, Her93, HKR99, Hol96a, HRR94, HW96, JDC94, Jin95, Kob99, KW93, KLP94, LO96, LL99, LBB94, LS96, LeV98, LD93, LP97, LL93a, LZS98, LQK98, Lu99, LRW95, Mad95, kM93a, Mat97, MR99, Mei98, Min96a, MH93, NM95, Nic98, Nor96, NC99, OBL93, Ohw98, ÖM95, PB98, PK95, PH95b, PG97, RCA93, SO95, Sam97, SPCD96, SS99b, Ser96, SvD96, SM98a, SRF93, STG$^+$96, Sil93, Sim99]. **Methods** [Sjö95a, SDP97, SC96a, Str95, Str96, Str97, Str99b, Str99c, SW96, Tad97, TCS97, TZA96, Tem96, TL98, Ton96, Vad97, Wal94, WF99, WEQ$^+$99, Whi94, WL93, Wir97, WLC96, XMJ95, XP99, YP98, Yee97, YSD99, Yin96, Zho96, ZHL96, vD97b, Bar91b, BM91a, BM91b, CS92a, CP90, Cas90, Che91, Col90, CJ95a, EMRS91, EHW90, EHW91, FVZ90, GY91,

GKM96, GMP92a, GMP92b, ISW92a, ISW92b, JE90, KIO91, LO91a, LO91b, LM90a, LM91, LY90a, LM90c, LG94, Mal90, kM90, kM91, Mao92b, Mao92a, Mil91, MF92, MNR90, MRS94, Nor91a, Nor91b, PC92b, PC92a, RCA92, RS91, Rob90b, RS94b, SSF92a, SSF92b, SK90, Sil92, SMR91, SM92, Sto92, TfNW91, TNW92c, TNW92d, WMG+91a, WMG+91b, ZS92a, ZS92b]. **Metric** [Sho93]. **MHD** [AK97, Asl99, BDC97, Bra90, Bra91, CG97a, CHL+90, HCJ92a, HCJ92b, KLBD93, KGH+98, KvdVPG95, LL91, NMW+96, PV99, PBD94b, PS93b, SS96b, TT90, TT91, Tan94, TA91b, TAD92a, TAD92b, Tay94, WK99a, van93]. **micro** [TZWH92b, TZWH92a]. **microinstability** [MS91b, MS92b, MS92a]. **Microstructural** [JLL97]. **Microstructures** [PGD99]. **Microwave** [CC97, Luk99, PL98]. **migration** [LZG99]. **Mimetic** [HS99c]. **Minima** [Abd94]. **Minimal** [Cho93a, PH94]. **Minimization** [AT99]. **Minimizers** [NMB94]. **Minimizing** [LR94]. **minimum** [Sal91, dG92a, dG92b]. **MINRES** [YS98b]. **mirror** [BLK90, PC92b, PC92a]. **MIS** [XPK90]. **Mises** [HN95]. **Mistaken** [LR98]. **Mixed** [CP98a, CSW95, DK98, Dru99, Dur93, EP99, Gar98, MWW96, YMAC99, LM90b, MLB92, Shu92a]. **Mixing** [CDR99, GE92, GMP92a, GMP92b, KG92a, KG92b, Mik90, Mik91]. **Mixture** [Shy99]. **Mixtures** [JMT97]. **MKdV** [GGG94]. **möbius** [HS90]. **modal** [AH99]. **Mode** [AK94a, Bel97, CAA93, CGKC93, DOOSM99, HK98, ID96, KGH+98, MPPZ96, AA90, AA91, CGKC92]. **Model** [AS95a, AS95b, AS97, ARV99, Asl99, Bot96, CMMH94, CB94, COBA95, DHS94, Die95, FV97, FK97, GBBH96, GT97, GZ95, Hag98, HCD98, HM99, JVS97, JLM+96, KLBD93, Kla99, LBB94, LTE93, LIH97, LZ96, Ma93a, MP93, MR98, PM99, Pop95, Pri96, RLT93, RB95, RW96a, SS99c, SMW99, Shu95, SR98, SH94, SG94, SP96, Tem96, TK96, TM93, Ver97a, Ver97b, VS95, VBD99, WH98, WJTP96, WP97, Xia99, YH95, YS98a, dM97a, AP90, AP91b, Bey91, Bey92, BB90b, BB91c, CWG90, CWG91, CYD92, CGSS90, CGSS91, FS91, FS92, HWY90, HWY91, JC92, KDL+92, KST90, KST91, LG94, LL92a, LL92b, MGP91, MLB92, Nad95, PH94, SAB95, VNC92a, VNC92b, Lya99]. **Modeling** [AMP+98, ABS96, BCRR98, BDS+99, Bot98, DFFG96, Dur93, FH97, GHS93a, GNH96, Hal97, HDL99, HB96, HdS97, Hig99, Hum96b, Jac99, KKK95, KB99, MA98, MH94, MFZ97, PL98, RT94, SS99a, SBC99, Sun96, YL98, Zan97, ZLP97, Ben92a, Ben92b, BBC+90, BKZ92, PC92a, TZWH92a, Zan92a, Zan92b]. **Modelled** [GGZ93]. **Modelling** [AHH94, BL93, CM99b, DDS97, LNS+94, LW94, PC99b, TP97, ZS97, BBC+91, BL92, LS92a, PC92b, TZWH92b]. **Models** [CS97a, Cot96, DB98, FH98a, HMD93, HB95, HSZ+97, Hum96a, Kar97, LPMS94, LW97, Mur96, PVVS98, PMR97, ST95, Sil93, TG96, UWH99, Waj93, WF99, GY91, GG92b, HCP93, KL92b, Sil92, SNL90]. **Moderately** [DECB98]. **Modes** [AHH94, BM94, Gel99, PR93a, PBD94b, SVS90, SVS91]. **Modification** [SB98, Yan90]. **Modified** [Bar90, DÜ92a, Hag94, HBF93, KTE93, LCM96, PSL99, AN90, Cha90, DÜ92b, Gra90]. **modulated** [Bar91a]. **Modulations** [FCC97]. **Mohr** [GS97b]. **Moisture** [Tol94]. **Molecular**

[Ano99r, BGGT90, BLL99, CP98a, CSZ97, DOOSM99, DM93, DL94b, DMW99, ESH93, EH93, GKDT96, GBS99, Jai97, KSB+99, LPP99, MRC93, Maz97, Maz94, Pli95, Rei99, SMSS98, SSB+99, Sch99, SHF97, SW99b, WDE98, BBK90, BBK91, CYD92, JVR93, MH92]. **molecule** [AAP+95]. **Molecules** [WKHS97, Dav91, Dav92a, Dav92b]. **Moment** [BHJU99, ZV97]. **Momentum** [Ben92d, Ben92c, KLM95, dFD+94, WS91, WS92a, WS92b, Zan92a, Zan92b]. **Monolayer** [KE93]. **Monotone** [Gro91, Leb99, TN98, Gro92, SG92a, SG92b]. **Monotonic** [COBA95, SBO93, GG92b, SM92, Sto92]. **Monotonicity** [SH97]. **Monotonicity-Preserving** [SH97]. **Monte** [AT99, BPS95, BRL91, Boy90, Boy91a, BGM91, CB96, COBA95, DR90, DB96, EM94, EHM97, GBCA99, Gre98, HBF93, KNR99, KE93, Kuh96, Lif92, MSV98, MC95, Nea94, Nic93, PC99a, Pri90, Pri91, Rie94b, STAS91, SH90, Sch95b, SFHD99, STS+97, UL98, Val91a, Val91b, WONM96, WVHS98, XP99]. **Motion** [ALTP98, Ara97, BW95, Cor96, DOOSM99, DNN93, EB94, HG94, HOS96, HH98, Lil97, MBO94, NB98, QTL98, Ruu98a, Ruu98b, RMO99, SG98, VB95, Yin96, ZCMO96, CWG90, CWG91, MD90, MDA91, MOS92, TKKB92, Tes92]. **Motions** [CS98a]. **movement** [HGH90, HGH91]. **mover** [Fri90]. **Moving** [AS94, Ano99-30, BW95, BCR99, CHR99, FAH97, FHKZ97, GDP96, Had99, HLOZ97, HRR94, JL96b, KC97, LP97, LKK99, QS98, SSR96, SS94, Str99c, ZC94, ZW97, ZRR99, vM95, CW92a, CW92b, CS92b, CS92c, FVZ90, MB92, RR90, RR91, Rob90a, VD90, Wat92b, Wat92a, Wes94, ZB92a, ZB92b]. **moving-finite-element** [ZB92a, ZB92b]. **moving-grid** [FVZ90]. **MP** [Par90]. **MPDATA** [SM98b]. **mufti** [DHS91]. **mufti-mesh** [DHS91]. **Mullins** [ZCH96]. **Multi** [AH99, BBGL93, Bru93, CSW98, CH90b, CH91, FPRB90, FPRB91, GM95b, Han93a, HJ98, KCV99, LO98, PFRB93, RY94, SBGK99, SWT98, TKKB92, Tes92, WEQ+99, BBK91, Bru92, DD90, DD91, JJK92, Lar91, SD93b, UT91, UT92b, UT92a, EH93]. **multi-component** [Lar91]. **Multi-dimensional** [CSW98, GM95b, LO98, SBGK99, SWT98, WEQ+99]. **Multi-domain** [CH90b, CH91, Han93a, HJ98, TKKB92, DD90, DD91, SD93b]. **Multi-fluid** [KCV99, UT91, UT92b, UT92a]. **Multi-grid** [BBGL93]. **Multi-modal** [AH99]. **Multi-particle** [EH93]. **Multi-processor** [Bru93, BBK91, Bru92, JJK92]. **Multi-scale** [FPRB90, FPRB91, PFRB93]. **Multi-zone** [RY94]. **Multiblock** [ST95]. **multicolor** [CMK90]. **Multicomponent** [Abg96, BPT95, EG95, Kar94, Shy98, Shy99, Ton96, Xu97, CYD92, RS90]. **Multicomputers** [Sha96]. **Multiconstrained** [TLES93]. **Multidimensional** [BT97a, BT97b, CK96, CWC99, CS98b, Col90, DW94b, DW98c, Fey98a, Fey98b, GNHP95, HB97, Hub99, JM98, KP97b, LeV97, Noe94, PQ94, RvR93, SMD98, Swa99, Thu96, Tót97, VP97, Wit96a, Yee97, DeV91, Duk91, DM92d, DM92e, Mel91, SG90]. **Multidisciplinary** [Shu95].

Multidomain [DBS94, Kop90, Kop91, Kop94, KK96, Kop96, Kop98, LW96a, Mal96a, PVQ97, SP98]. **Multifluid** [SA99]. **Multifrequency** [Win95]. **Multifrequency-Gray** [Win95]. **Multigrid** [ARB96, Bar91b, BS96, BL98, CW90, CWF96, CSW95, DS99, DF96, Dic90, DIV98, Edw96a, GSB98, GKZ97a, GKZ97b, Hei93, JDC94, JV95, Kor90, LL99, LS93a, LL93a, LL95, LZ96, LZS98, LF96, Mav98, MDH98, Oos97, OGWW98, Pai97, PB98, PG97, RS95, RKO99, SMJ98, SR97, SDP97, VRD99, YM95, YSMG97, Zha94, Zha98, AB94, BY92, Bra92, Cal90, Cal91, Dav91, Dav92a, Dav92b, Hei92, KW92, LS92b, Luc90, Luc91, Mul92b, Mul92a, SK90]. **multigrid-continuation** [SK90]. **Multilayer** [LBB94]. **Multilevel** [Ano97-29, BL90a, BL90b, HT97, KLB99, SB96b, Tem96, VPS95, VP96]. **Multimaterial** [CS97b, FMM99, FAMO99, RKO99]. **Multimaterials** [DW98a]. **multimodal** [SSF92a, SSF92b]. **Multiparticle** [lX98, Zin94b]. **Multiphase** [HCZ99, HSZ+97, LNS+94, Ruu98a, SA99, UKSTST97, ZCMO96]. **Multiple** [AWY99, BCM95a, BGM95, BS93, Hof97, MBO94, MP96, Rei99, SCT+99, ZC94, ZW97, ZLP97, Sch92b, Sch92a]. **multiplication** [BL90a, BL90b]. **multiplicative** [DM90, DM91b]. **Multiply** [DHSS94, KM95, vGVO98, BW90, BW91, GGM93]. **Multiply-Connected** [KM95]. **Multipole** [ARTAAA97, BFO99, Boy92d, CDM98, LRW95, CGR99, CPP93, LDB96, Mak99, YR98]. **multipole-based** [LDB96]. **multipoles** [Mak99]. **multiproccessor** [Nat90]. **multiprocessor** [BBK90, Nat91]. **Multiresolution** [Bih96, BS99f, Har94, Sjö95b]. **Multiscale** [HW97, LAE98, WA95, Wir97]. **Multispecies** [Mat94]. **Multisphere** [lX96, lX97]. **Multisphere-Scattering** [lX96, lX97]. **Multistage** [SC97]. **Multivalued** [Ben96]. **Multiwavelets** [AIV99]. **MUSCL** [Hub99]. **MUSCL-Type** [Hub99].

N [KE93, Swe94]. **N-Body** [Swe94]. **NAMD2** [KSB+99]. **Nature** [CL98b, DDD98, RR90, RR91]. **Navier** [Gil97, ANL94, AM96, ABC+98, AB94, Arm94, AS99b, BB90a, BB91a, BR97a, BK94, BTW96, BLT96, BJ90, Cha95, CPJ90, CB97, CH90b, CH91, Cle97, Cod99, CJ95a, Cot90, CD95b, CMM93, DBS94, Dau92a, Dau92b, DF96, DD90, DD91, DH95, Dom90, DIV98, ETFS94, EP99, Fis97, GTD98, GB97, GHKH93, yGmC92, GC92, Gup90, Gup91, Hen94, HI98, Hwa94, ID96, IM95, Jac99, JB93, Joh93, JR99, KIO91, Kla99, Kop98, Kor90, KL92b, LM90a, LM91, LM97, Lee98b, LZ96, LS98, LDB98, LR90, LR91, Luc90, Luc91, MDB91a, MDB91b, MV99, MH90a, Mar94b, MH90b, MH91, MP97, NPC93, Nor96, Nor98, Nor95, NC99, Pri95, PM98, RF95, RKV90, RKV91, RvR93, Rus93, SP98, SPC92, SPC93, SD93b, SNU98, STW97, SS99c, Shu91, Shu92b, Shu92c, Sjö95a]. **Navier** [SA90a, SMR91, Taf95, Tau94, TfNW91, TNW92c, TNW92d, Tid95, Tou97, Tou98, WNY93, WS93, XP94, YYCH98, ZSK94, Zha94, ZWS98]. **Near** [Bas92, GS96a, JSD95, NP94, Rob99, ZYKC98, BG92, EMRS91, HS90, KKD90, Nak95, PRMV90, Rob90a, VBB90]. **Near-Boundary** [GS96a].

Near-Caustic [Bas92, BG92]. **Near-Equilibrium** [NP94]. **Near-Field** [Rob99]. **Nearly** [Ano97-29, Boy96a, SB96b]. **Negative** [CP98b]. **neighborhood** [Hor90, Hor91]. **Neighborhoods** [Swa99]. **nesting** [CH90b, CH91]. **Network** [ESH93, EH93, HGFH95, MML98]. **Networks** [Bot98, BW95, Kar97, ZC94]. **Neumann** [Bal95, GPWZ96, GGM93, HPG98, MBF94, Sco98, WNY93]. **Neumann-Type** [MBF94]. **Neural** [LK90]. **Neutral** [Azm99, BO96, PB98, Nic93, Val90, VNC92a, VNC92b]. **Newton** [Ano94t, BB90a, BB91a, Fen99, GS96b, KPC92, KPC93, KM95, LPMS94, LL96, PCLC97, RKO99, SSR96, STW97, Tid97, XS93]. **Newton-like** [LPMS94]. **Newtonian** [CK92, CK93a, MNP90]. **Nicolson** [Alv91, Alv92]. **NLTE** [KH90, KH92]. **No** [BGH$^+$99, GHS93a, KHW98, MB94, Wer95, Wer98, HLB94, LM92]. **No-Slip** [GHS93a, MB94, Wer95, HLB94]. **Node** [GN96, HGH90, HGH91]. **Node-Centred** [GN96]. **node-movement** [HGH90, HGH91]. **Nodes** [Kar97, MMS90a]. **Noise** [MO95]. **Noises** [RS99b]. **Non** [ABBM96, Abg94, BK93, BM94, BR99, Bar94, CK93a, DW95b, DA94, ES94, FAMO99, Fer95, Fis94, Fri98, Giv90, Giv91, HEOC97, HS99b, HSS97, nJ93, KT99, LPBS96, LLD93, LOC94, MBV93, Mad95, NT90, OK94, RCA93, Shu97, SK93, Sun96, VDJ93, ZSK94, vBvNW95, BB90b, BB91c, CK92, GM92, GC90, LLD92, LMP92a, LMP92b, MNP90, MH90a, PL92a, RCA92, Shu90, SLV90, Shu91, Shu92b, Shu92c, SCC93a, SCMU92a, SCMU92b, TA91b, TAD92a, TAD92b]. **non-Boussinesq** [LMP92a, LMP92b]. **Non-Cartesian** [Fis94]. **Non-conforming** [KT99]. **Non-diffusive** [nJ93]. **non-equilibrium** [GC90, Shu90, SLV90, Shu91, Shu92b, Shu92c, SCC93a]. **Non-Hermitian** [LPBS96]. **non-inductive** [TA91b, TAD92a, TAD92b]. **Non-isotropic** [HSS97]. **Non-iterative** [OK94]. **Non-linear** [BR99, VDJ93, BB90b, BB91c, GM92, SCMU92a, SCMU92b]. **Non-Newtonian** [CK93a, CK92, MNP90]. **Non-Orthogonal** [ABBM96, Mad95]. **Non-Oscillatory** [Fri98, Abg94, DW95b, ES94, FAMO99, HEOC97, HS99b, nJ93, LOC94, NT90, Shu97, SK93, PL92a]. **Non-periodic** [BM94, MBV93]. **Non-reacting** [LLD93, LLD92]. **Non-Reflecting** [Fer95, Giv90, Giv91]. **Non-separable** [Bar94]. **Non-staggered** [ZSK94, MH90a]. **Non-symmetric** [DA94]. **Non-uniform** [BK93, RCA93, vBvNW95, RCA92]. **Nonanalog** [UL98]. **nonconforming** [KR95]. **Nonconservative** [HP92, HP93]. **Nonconvex** [dG96]. **Nonequilibrium** [LGC92, Zho96, Boy90, Boy91a]. **Nonevolutionary** [BKP96]. **Nonideal** [GP98a, JSE97]. **Noninterpolating** [Oli94]. **Nonisothermal** [CF94, HF98]. **Nonlinear** [AQ98, AAL97, Aoy95, BL99, BYMZY95, BK97a, BKV98, BR94, Boy95a, Boy96a, Boy97b, BCR99, BCT98, CLNT98, Can95, CG93, CJS99, CBS93, CC97, DW98a, DZ96, DK96, DM97b, Die95, DIV98, FKM99, FD99, GP98b, HO96, HS99a, LM95, LEI96, MLBW97, ÖM95, Osb90, Osb91, Osb93, PNC94, PBBS91, PBBS95, PO90, PO91, RFL93, SH99, SMSS98, Str95, Tay94, Vad95,

Vra95, WONM96, YH95, YG94, ZV97, dG96, Alv91, Alv92, BO92, CK90a, CWG90, CW90, CWG91, CHL+90, CHW90, FM92, Fra92, GCMR90, GL95, LS92a, MS90a, MS91a, MLB92, PM90, RLM90, SW92, TSS92, YSG91]. **Nonlocal** [BH96, Boy95b, Boy96a, Boy97b, LPBS96, SDI98, Tsy95]. **Nonnormality** [HO96]. **Nonoscillatory** [LO96, SG90, Sur94]. **Nonparametric** [WEMH99]. **Nonperiodic** [Cle97, GTD98]. **Nonpolynomial** [Wit96a]. **Nonprogressive** [WJTP96]. **Nonreacting** [BS99e]. **Nonreflecting** [GC95, GK95, GK96, GK98, JB93, LT96]. **Nonseparable** [DB97]. **Nonsmooth** [ER96, PK95, WSK99]. **Nonstaggered** [EL97a, SSB90, SSB91]. **Nonstationary** [LW94]. **Nonsymmetric** [Wit96b, Mor92, Nat92a]. **Nonuniform** [CF99, Tho97, Win97, HLD96]. **Nonzero** [TS96, TSR92]. **Normal** [DOOSM99, KGH+98, SSW98, WJTP96]. **Normal-Mode** [KGH+98]. **Normalisation** [Bri95]. **Nosé** [BLL99]. **Note** [AC95, Ano91o, Ano91p, Ano91n, Ano92k, Ano94t, Ano94s, Rap93, vNZ94, LR92]. **Notes** [Ano90p, Ano90q, Ano91q, Hor90, Rie99b]. **Notion** [LR98]. **Novel** [HCD98, Nun93, TYS95, Wan97, DK92a, DK92b]. **Nuclear** [KP97a, BLMR92, Blu92, LBC+93]. **Nucleon** [dAT95]. **Number** [BS99c, DA94, LB94, Leb99, MCPR95, MFZ97, RSW98, SBGK99, SMT99, SDP97, TS96, TO98, VDJ93, VRD99, lX97, vL97b, Ano99-30, CV92a, CV92b, Kle95, TSR92]. **Numbers** [Jun99, ASTAS91, BES90, IT90]. **Numerical** [AHS96, AHS97, AK94a, AC95, AHH94, AS94, AWY99, Ara97, AK97, ADS96, ADS97, BST95, BY94, BS98a, BR97a, Bel97, BD94a, BBC+90, BBC+91, BK97a, BD94b, Bot96, Boy96a, BDR91, BW95, BFGG94, Bry97, BCDL97, BC98, BCT98, BDML94, CN95, Can95, Can96, COS+98, CW98, CH99, CBL95, CGA93, CF94, CM94, Cho97, Chr97, CGSS90, CGSS91, CGKC92, CGKC93, CKQ+93, Cod99, CDW99a, CDW99b, CR96, CEG+97, CK93b, CJR91, CJR92a, CJR92b, CL98b, CS93c, DW98a, DW98b, DE93, DNN93, Die95, DS97b, Don94, DQ95, DM93, DE99, DK90, Dvo91, DK92d, DK92a, DK92c, DK92b, ES94, ES98, EGS96, FEO95, FMO97, FT96, FPB98, FC95, GRB+95, Gho96, GM95b, GKL+96, GZ95, GMPGV96, HF98, HTK90, HKNT98, HML99, HA93, HK98, Hol96a, HS90, Hum96b, HC93]. **Numerical** [HSS97, Jab94, JT99, JL96b, JL96a, Kal91, Kal92, Kar97, KKK95, Kla99, KG90a, KCJ95, KNW99, KW93, KRGv93, KMM96, KM97b, KB99, LPMS94, LSLG97, LGC92, LBB94, LS94, LLR94, LK94a, LJG96, LZG99, Lil97, LLT94, Liu96b, LK98, LK99, LDB98, LR94, MD98, Mal90, Man93a, Mar94a, MPR99, MBI+97, MW94, MMS90b, MMS91, MB96, MDH98, NWK98, NCF96, NMB94, Nun93, OS98, ÖM95, OD99, ÖLJ98, Pap92, Pap93, PB91, Pen95, Pet94, Pet96, PZ98, PVQ97, PMR97, PX93, Pri96, PO90, PO91, Puc97, Qi93, QW93, QS98, QR90, RM93, RCA92, RCA93, Ram90a, Ram90b, Ram97b, RL97, RH99, RW96a, RFH93, SB96a, Sak96, SZ97, SB95, SKR+93, SA95, Sem97, SBKH92, SMW99, SKO94, SI94, Sim93, ST97, Sim99, Sjö95b, Ske98, ST93]. **Numerical** [SRBG99, SVG93, SK92, SFB91, Sun93, SWD95, SC96b, SRT98, SCC93b, Tad97, TG96, TA91b, TAD92a, TAD92b, Tau92a, Tau92b, TH96b, Tho97, TO96, TP92a, TP92b, TZWH92b, TZWH92a, TRL99, Ush96, Vad95,

VDJ93, VSG95, VB95, Wal94, Wan99, Whi90a, Whi90b, Whi94, Win97, WK96, WKK98, Wri98, WCO94, XPK90, XP94, XP99, Zab97, ZB96, Zho98, ZS97, dG96, dM97a, dNPT95, dFD$^+$94, tVB92a, tVB92b, van93, ARS91, BLK90, BB91b, BBF92a, BBF92b, BW90, BW91, Bue91, CRS90, CG97c, CHW90, Dar90a, Dar90c, Dar91a, Dar91b, Dav91, Dav92a, Dav92b, DHS91, DZ91, Flå92b, Flå92a, FP92, FVZ90, GB90, GBS$^+$90, GBL$^+$92, GS93, HPS92a, HPS92b, HG91, HG92, Hoo90, HL90, HL91, IM95, IT90, JE90, LS92a, LY90a, LR90, LR91, MSF$^+$95, MD90, MM91b, Nat92b]. **numerical** [QS90, Ram92a, Ram92b, RS90, Ros90, Row91, SKK90, SKK91, Shu92a, SCMU92a, SCMU92b, ST92a, SVG92, Sul91, SB91, SRSB93, TMR92a, TMR92b, TSS92, Ver91, WDH$^+$92a, WDH$^+$92b, YSG91]. **Numerically** [FA90, FA91, HK92, HK93a, ZV97, AF90, AF91]. **NUT** [Val90]. **Nyström** [COS$^+$98].

O [AAP97]. **Object** [HM99]. **Objects** [ART95a, ART95b]. **Observations** [SWS96]. **Obstacles** [Pai97, PB98]. **Obtaining** [BSPL96, OP97, PDHS94, WH97, HG91, HG92]. **Occurring** [vD97b]. **Ocean** [BL93, Boy96b, Boy97a, Bry97, FCC97, Hal97, HB96, HdS97, Hig99, LBB94, LIH97, MA98, Mur96, Sem97, SMW99, SH94, TG96, Waj93, BL92, HWY90, HWY91, LG94]. **Oceanic** [DB98]. **Octopus** [Kos92]. **ODE** [Ano94s, Gou96a]. **ODEs** [BDR91]. **Off** [oJ95]. **Off-Median** [oJ95]. **Old** [FJGP94]. **One** [BYMZY95, CS93a, FK97, HKM96, Kle95, LMB94, Lu99, MM96, PLD97, Pri93, Pry94, RS94a, Rig94, RFH93, Sim93, Tei99, ARS91, AF90, AF91, CS92a, CW92a, CW92b, CYD92, Dar92, DGD90, FVZ90, HM95, HS90, Hoo90, Lav90, LG90, LG91, MB92, MRS94, RT92, Rus90, SMR91, YR98, ZB92a, ZB92b, DF98]. **One-** [CS93a, LMB94, CS92a]. **One-Band** [FK97]. **One-Dimensional** [BYMZY95, MM96, Pri93, Pry94, RS94a, Rig94, Sim93, Tei99, Kle95, ARS91, AF90, AF91, CW92a, CW92b, CYD92, DGD90, FVZ90, Hoo90, Lav90, LG90, LG91, MB92, Rus90, YR98, DF98]. **One-Way** [Lu99]. **Onset** [LSB96]. **onto** [Boy92b, Boy92c]. **OOMPAA** [HM99]. **OOMPAA-Object-Oriented** [HM99]. **Open** [BC99, CL98b, Fer90a, Fer90b, Gri94, GZ95, Joh93, KP98, PV93, TAC98, LG94]. **Operating** [WS96]. **Operation** [GH97]. **Operator** [Gag98, Gre94, HB96, HKR99, KNW99, PA95a, SS95, IGABB90, IABBG91]. **Operator-Split** [KNW99]. **operator-splitting** [IGABB90, IABBG91]. **Operators** [EL96c, LPBS96, MR99, MS93, MRS98, Ram97a, Rav97, SPC93, SC97, YS98a, AP91a, BRL91, CM91, ESM98, LJT92a, LJT92b, OGBSK90, Ren92a, Ren92b, SPC92]. **Optical** [BCM99b, HDL99, HKW97, KST90, KST91]. **Optimal** [AT99, BD97a, BB97a, ES98, FD93, GB97, GN96, HR96, IS96, Maz97, MR99, Rie94a, Wat92b, Wat92a, Bal95]. **Optimal-Bias** [AT99]. **Optimisation** [LG94]. **Optimization** [BCM99b, DM93, Due93, LWT99, MSV98, Pri90, Pri91, Shu95, BS91b, BS92a, BS92b, DS90, FS91, FS92, Mit92, ND90, SSF92a, SSF92b].

optimization-based [FS91, FS92]. **Optimized** [CK93b, DB96, GS97a, GKDT96, HJ98, Hof95, NC95, RN94, Ods90a, Ods90b]. **option** [SG90]. **Orbit** [CW93, JSD95, RMSB96, Smo98]. **Orbit-Averaged** [CW93]. **Orbits** [LLT94, Vra95, AF90, AF91, PB91, VBB90]. **Order** [AD97, AR96, BS99b, BS99c, BR97a, BR97b, Ben95, Boy94, Boy96a, Boy97b, BIAV98, CS93a, COS$^+$98, CGA93, CGA94, CO95, CA93, CF99, DW95a, DW96b, DW97, DM97b, ES94, EVP97, Ena93, FJ98, FM97, GO96, GO98, GN96, GKZ97b, GO95, HEOC97, Hen94, Hir97, Hof97, HL98, Hwa96, IR98, Jam99, JcW99, KPP99, LO96, LNR99, Li97, LL93a, LO98, Mah98, MR99, MP96, MS99b, MLVM98, MB94, Nor96, NC99, Ohw98, OGWW98, Pen95, PZC98, PAB$^+$97, Rav97, RWTC95, Rig94, RF95, SO95, Sco96, SNU98, Sha99, STG$^+$96, Shu97, ST97, Sjö95a, Tab96, TH96a, TS99, Tau94, TP97, Tol94, TL98, YG94, Yav97, YSD99, Zho98, Zhu95, ARS91, BM92, BY90, BY91, CS92a, CRS90, DD92b, For92a, For92b, Fri90, GL96, Hal90a, Hal90b, JW90, KIO91, LO91a]. **order** [LO91b, Nor91a, Nor91b, RS90, TEKC92, ZC91, ZC92, dFSS92]. **ordinary** [BB91b, BBF92a, BBF92b, KL97]. **Ordinate** [Abe97, RNSV91]. **Ordinates** [GACN93, Sie99]. **Oriented** [HM99]. **Origin** [AHH94, DDD98, nJWP96, KRGv93]. **Ornstein** [LPMS94]. **Orr** [AC95]. **Orthogonal** [ABBM96, CS93b, DP91, DP92b, DP92c, Eça96, Hew97, JB95, Kan92, KL92a, KR95, Mur96, OK94, AC92, Chi91, Chi92a, Chi92b, HWY90, HWY91, Mad95, TA91a]. **Orthopositronium** [JZQ$^+$95]. **Orthorhombic** [YR93]. **Oscillating** [HGFH95, BB91b, BBF92a, BBF92b, Fau90]. **Oscillations** [Abg96, AR97a, PBBS95, PS93a, VDJ93, PBBS91, SCMU92a, SCMU92b]. **Oscillatory** [EL96c, Fri98, Abg94, DW95b, ES94, FAMO99, HEOC97, HS99b, nJ93, LOC94, NT90, PL92a, Shu97, SK93]. **Osher** [Shu97]. **other** [CS92b, CS92c]. **Outer** [PBD94b]. **Outflow** [Nor95]. **Outlet** [JB93]. **Overheating** [FMM99]. **Overlapped** [Wan95]. **Overlapping** [Fis97, Hen94, CH90a, MF92]. **Overlays** [Gra99]. **overposed** [Dar90c, Dar91b]. **oxygen** [MB92].

P [Ske98, Sim99]. **P-stable** [Sim99]. **Package** [DÜ92a, LF96, DÜ92b]. **Packing** [Zin94a]. **Packings** [ACLW97]. **Padé** [Cra94, Kob99]. **pages** [BS99c, BGH$^+$99, lX97, vL97b]. **Pair** [Bru93, Bru92]. **pairs** [BF91]. **Panel** [DZ96, BR92c, BR92d]. **Paper** [Boy97a]. **Papers** [Ano93a, Ano93b, Ano93c, Ano93d, Ano93e, Ano93g, Ano93h, Ano93i, Ano93j, Ano93k, Ano93l, Ano94a, Ano94b, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano94h, Ano94i, Ano94k, Ano94l, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano95j, Ano95k, Ano95m, Ano95n, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96a, Ano96i, Ano96j, Ano96k, Ano96l, Ano96m, Ano96n, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano97l, Ano97m, Ano97n, Ano97o, Ano97p, Ano97q, Ano97r, Ano98a, Ano98b,

Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano98l, Ano98m, Ano98n, Ano98o, Ano98p, Ano98q]. **Papers** [Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99r, Ano99f, Ano99g, Ano99h, Ano99i, Ano99j, Ano99k, Ano99l, Ano99m, Ano99n, Ano99o, Ano99p, Ano99q, Ano90c, Ano90d, Ano90e, Ano90a, Ano90b, Ano90f, Ano91a, Ano91d, Ano91b, Ano91e, Ano91f, Ano91c, Ano92a, Ano92c, Ano92b, Ano93f, Ano94j, Ano95l]. **Parabolic** [AE98, DW94b, HMOS95, MM96, MWW96, Str95, YMAC99, ISW92a, ISW92b, MF92]. **Paradigm** [CWC99]. **Parallel** [AL97, APS97, BGB99, BS96, BO98, BL98, CN95, CDR99, CKE99, CR96, DB98, DF96, DB96, ESH93, EH93, FP91, GTD98, GM96, GM98, KSB+99, LJG96, LF96, LPR96, MML98, MCPR95, MLBW97, Nic98, ÖL96, Pli95, SD93a, ST95, SDG94, Swe94, Vu98, Pel91, SBGM92]. **Parallelization** [KNR99]. **Parallelizing** [ESH93]. **Parameter** [Bai97, LWT99, Roe97a, SAS94, Ram92a, Ram92b]. **Parameterized** [CW92a, CW92b]. **Parameters** [DGN97, GNH96, MSV98, YWS96]. **Parametric** [CAA93, Hag94, JBA96, Vu96, Vu98, VBD99, WEMH99, DMZ91]. **Parasitic** [AHH94]. **Paraxial** [Col97]. **Part** [Lil97, HL92a, HL92b, Ara97, ESH93, EH93, Fey98a, Fey98b, FP92, HLD96]. **Partial** [BK97a, CD98, HRR94, KS94, MQS97, OD99, QW93, RIP96, Tei99, VPS95, VP96, WD97, CH90a, FVZ90, HGH90, HGH91, HLD92b, HLD92a, ISW92a, ISW92b, MS90b, MS91c, Wat92b, Wat92a]. **Partially** [DL93, KNR99, AN90]. **participating** [Dra90]. **Particle** [AB97, ACT95, AE95, ADS97, Azm99, Bal94a, BMGM95, BH98, Boa97, Bör97, CSN93, CM99b, CW93, Cot96, DH96, DGD90, DL93, DL94b, EA97, Eyr95, FBM93, Fog92b, Fog92a, FD93, FQ96, GH95, GH97, GR97, GS97b, HMD93, Her93, Hum96b, JLSM97, KP97a, LLR94, LSRS99, LDB98, LPR96, Man93b, MRC93, Mau99, MH93, MMW96, MJPC99, OBL93, PL93, Pop95, RH99, RW96a, RW96b, RSW98, RHT96, Ruy93, Smo98, SHA95b, TS98, TM93, UL98, VAVB93, VB95, Vu96, VBD99, WTH+96, WP97, Wes94, WVHS98, WL93, AN90, Ano91n, Bal95, Bra90, Bra91, BSB92, Cot90, DMZ91, EH93, FPRB90, Fri90, FPRB91, HCC91, KMB+92b, KMB+92a, KDL+92, LG90, LG91, Löh90, LA90, LRJ+99, LL92a, LL92b, MK90, OsKB+92, Poi91, PC92b, PC92a, Rus90, VAVB92]. **particle** [VG92b, VG92a, Zan92a, Zan92b]. **particle-electron** [LL92a, LL92b]. **Particle-Finite** [Her93]. **Particle-Grid** [OBL93, Cot90]. **Particle-in-Cell** [BH98, GH95, GH97, JLSM97, OBL93, RHT96, Vu96, VBD99, Wes94, Bra90, Bra91, BSB92, FPRB90, FPRB91, MK90, PC92b, PC92a]. **Particle-Mesh** [AE95]. **Particle-method** [Fog92b, Fog92a]. **Particles** [BDC97, CLD+96, DS97b, GSB+93, KC93, LB94, NY98, RSW98, SC96b, ZP95, CYD92, CPP93, KHM92a, KHM92b, Kos92, KC92, LDB96, Poi91, RH91, TMR92a, TMR92b]. **Particular** [BR99]. **Particulate** [CM99a, Poz99]. **Partition** [AFH94]. **parts** [Ano95u, Str94]. **Passive** [PL98, WJC93]. **Past** [HC93, MB96, NC93, ZP95, IT90]. **patch** [DZ91]. **Patches** [BPM98, But90a].

Path [DH96, HBF93]. **paths** [BG92, Bas92, MMS90a]. **Pattern** [Aoy95, Dar95, RMO99, Alm93]. **PDE** [BB97a, PMO+99, YMAC99]. **PDE-Based** [PMO+99]. **PDEs** [Ano99-30, BKV98, CHR99, FS97, Hol96a, LP97, PZ98, VP97, YG94]. **PDF** [Bri95, MJPC99, WP97, Wel98, XP99]. **PDF/Monte** [XP99]. **PDF/SPH** [Wel98]. **peak** [HS90]. **Pearls** [LPR96]. **Pebble** [JH97]. **Penalty** [TK99]. **pencils** [Nat92a]. **Penetrating** [Bör97]. **Penetrative** [TC98]. **Peptides** [AT99]. **Percolation** [JH97]. **Perfect** [FMO97]. **Perfectly** [AGH99, ARTAAA97, Ber96, Col97, Hes98, Hu96, PSL99, Pet98, QG98, TAC98, Ber94]. **Performance** [BBF+99, BL92, BL93, BS96, Bro95, Fig92, MO95, MB97, NP92, Tay94, TL98, WH98]. **Periodic** [APV98, BGP98, CRRR97, FH94, FK97, Ji94, MH93, Osb93, ST97, Vra95, Wir97, ZLP97, Zin94a, BM94, Bor91b, Bor92a, Bor92b, Boy91b, Boy92a, CPP93, HM95, LDB96, MBV93, Poy92, SMR91, VBB90]. **Periodicity** [CDF95]. **Permanent** [BS99d]. **Perspective** [Nac96]. **Perturbation** [Boy97b, CDT98, EVP97, Hof97, LB93, Rie94b, ZV97]. **Perturbational** [CGY93, CGY92]. **Perturbative** [Boy95b, SMM+90]. **Perturbed** [CMW95]. **petroleum** [BR92a, BR92b]. **Phase** [BDS+99, BBMB97, CE97, CM99a, CEG+97, CDT98, CJ95b, DA94, Dur93, FV97, HK93a, HRL99, Jac99, KS94, LL96, MO95, PMR97, Sai95, SSO94, SAB+99, TP97, TM93, UMS99, WS96, Wel95, ZHL96, CS91, CYD92, HK92, Kos92, LP90, RS90]. **Phase-Field** [BDS+99, FV97, Jac99]. **Phase-Fluid** [Sai95]. **Phase-Shift** [CJ95b]. **Phase-Transition** [HRL99]. **Phases** [MP96]. **Phenomena** [GS97a, GH95, RS94a, Tan93, Ano91n, KMB+92b, KMB+92a]. **Photoconductor** [dM97a]. **Photographs** [Hel95]. **Photonic** [AK99, Dob99, FG97]. **Phys** [CNG17, MKM04]. **Physical** [LLR94, PC96, BKP91, MW93, STAS91]. **Physics** [BF97, KP97a, Lan97, PM99, YMB+91]. **PIC** [FLD93, JLM+96, MLJ97, OS97, Par90, PSL99, SAB95]. **Piecewise** [DW94b, Hol96b, MM96, Sor95, Che91, Yor90]. **Piecewise-Quintic** [Hol96b]. **Pipe** [Kar97, PM98, Nic93]. **Pipes** [hYsY96]. **Planar** [Asl99, Hob93, Hum96a, JB95, LL93a, UL98, CS91, Hob92]. **Planar-Geometry** [UL98]. **Planck** [BCDL97, BC98, Epp94, GGZ93, Mik90, Mik91, PC92b, PC92a, SVG92, SVG93]. **Plane** [CP98a, CS97a, Dar95, EM95, oJ95, Oos97, Sie99, YP98, BM91a, BM91b, GKM96]. **Plane-Strain** [CS97a]. **Plane-Wave** [CP98a, YP98]. **Plasma** [BGB99, BF97, BO96, BL94, CSN93, CD93, CGKC93, CDW99a, CDW99b, CLD+96, FLD93, GSB+93, GRB+95, GH95, HK94, JLSM97, JSD95, KL93, KPC93, KM95, Kno98, KLB99, LB94, Mat94, MSF94, Nun93, PFRB93, PPBC93, Ram97b, RHT96, Sco96, SCG94, STS+97, Swi96, VD97a, VM96a, VAVB93, VS95, WCO94, Zan97, Ano91n, CGKC92, FPRB90, FPRB91, KMB+92b, KMB+92a, KDL+92, KPC92, KST90, KST91, LG90, LG91, LL92a, LL92b, MS91b, MS92b, MS92a, PPBC92, RD91, RLM90, TT90, TT91, TA91b, TAD92a, TAD92b, VAVB92, VNC92a, VNC92b].

Plasma-Neutral [BO96, VNC92a, VNC92b]. **Plasmas** [AHH94, DHS94, GGZ93, KGH+98, KRGv93, KC93, LMS98, LW94, MK97, PS93b, Tan93, TS98, WJC93, AN90, HCJ92a, HCJ92b, KC92, OsKB+92, PC92b, PC92a, RD92a, RD92b, Rob90b, Zan92a, Zan92b]. **plastic** [TP92a, TP92b]. **plate** [HPS92a, HPS92b]. **Platelet** [WF99]. **PLIM** [RS94a]. **Plume** [CR96]. **plus** [GS94]. **PML** [AG97, YP98]. **Poincaré** [BLL99]. **Point** [AC95, ART95a, ART95b, CMW95, Chr97, CF98, CF99, Eça96, FWWD94, Pen95, SP99, Zab97, Fig92, Jac90, MPG92a, MPG92b, PRMV90, QR90]. **Point-Matching** [ART95a, ART95b]. **Pointed** [Dar96]. **Points** [GS96a, Mas96, Vad97, Zan99, BG92, Bas92, VBB90]. **Poiseuille** [FJGP94]. **Poisson** [Tho97, AKW93, BK93, BR99, Bar91b, BIAV98, CMK90, CZS98, CKSB97, DVD93, DR90, Fab92, GL96, GKZ97b, Her93, JC98, LJT92a, LJT92b, MGM95, MBI+97, RCAM92a, RCAM92b, RLM90, She95, SFB91, Wan99, Win97, Zha98]. **Poisson-type** [Bar91b]. **Pol** [CAA93]. **Polar** [MM95b, SNU98, EHW90, EHW91]. **Polarized** [KKOF97]. **Pole** [HS93b]. **polyatomic** [tVB92a, tVB92b]. **Polygons** [MA93b, GSY92, Got92]. **Polyhedra** [Gra99, MA93b, GSY92, Got92]. **Polyhedral** [LV98]. **Polymer** [KWT+97, SVS90, SVS91]. **Polymeric** [SHF97]. **Polymerization** [GTD98]. **Polymers** [För96, MDA91]. **Polynomial** [Boy95a, Eve96, RH98, SRVK96, Dic90, TEKC92, Tas92, Yor90]. **Polynomials** [CS93b, JB95, LV98, Sen99, BE91, BE92a, BE92b, Chi91, Chi92a, Chi92b]. **Porous** [CE97, Dur93, GP98a, HT97, HW97, LLK98, Pap93, SW96, Bor91b, Bor92a, Bor92b, Pap92, RS90]. **Poroviscoelastic** [CH99]. **Portable** [DHSS94]. **Posed** [BST95, AGH99, HM95]. **posedness** [Glo92]. **Positive** [HKvV95, SG90]. **Positivity** [BS99a, FWBS94, GVM99, Lar91]. **possessing** [MSF+95]. **Post** [MQS97, SCA92b]. **post-interface** [SCA92b]. **Post-processing** [MQS97]. **Postshock** [AR97a]. **Potential** [DR96, EL97a, GS94, GM98, IH95, Jai97, KS94, Tan94, VD97a, VAVB93, ZZ98, dAT95, JB91, JBvK+91, KKD90, MGP91, May92b, May92a, Str91, Str92a, Str92b, VAVB92]. **Potentials** [BD94b, BK97b, EH93, FV97, FH94, Gou96a, GBS99, NC95, RN94, SHF97, Wit96a, Wit96b, Kob90, Kob91, KF91, LDB96, Str91, Str92a, Str92b, Tas92]. **Power** [Cra94, HKM96, VC90, VC91]. **power-law** [VC90, VC91]. **pp** [Ano99-30]. **Practical** [GA95]. **pre** [SCA92a]. **pre-bubble** [SCA92a]. **Precision** [EB94]. **Preconditioned** [ANL94, HB90a, HB91, JE90, LZS98, PG97, VSH96, VSM99, KH90, KH92]. **Preconditioner** [EVP97, CP90]. **Preconditioners** [Azm99, DS96]. **Preconditioning** [BL98, CN95, CM93, DS99, Lee98a, Lee98b, PBD94a, Tid97, DD90, DD91, Mor90]. **Prediction** [Can95, Ush96]. **Preface** [Roe97b, Shu97]. **Premixed** [QTL98]. **Preprocessor** [Tót97]. **Prescribed** [MM98]. **Presence** [BK99, KS92]. **Preservation** [CW98]. **preserve** [Lar91]. **Preserving** [Boy98, FWBS94, Mad95, MS99a, SH97, TW93]. **Pressure** [Abg96, BS99a, BS96, Dor99, Edw96b, EOS98, LM95, MSF94, PR93a, SI94,

SC97, Taf95, TZA96, WS93, BK91, BK92a, BK92b, RWC90]. **Pressure-Based** [BS96, SC97, TZA96, WS93]. **Pressures** [CS98a]. **Prevent** [Abg96]. **Primitive** [Kar94, LL96, UWH99, WH98, XS93, HWY90, HWY91, SA90b, SA91, SA92a, SA92b]. **Principal** [NM95, Lay90]. **Principle** [dAT95, Adh92a, Adh92b, BWJ90, MWJ91, Sal91, Ver91, dG92a, dG92b]. **Principles** [Osc94, SWS96]. **Priori** [MKM98]. **Probabilities** [WH97]. **Probes** [Hum96a]. **Probing** [HM99]. **Problem** [BS99d, BD97b, Boy95a, CS97b, Cra94, Dar95, FMM99, Gar98, GPWZ96, GM95b, GDP96, Had99, KS94, KT99, LWT99, LL96, Mal96a, Mar94a, OD99, SA95, SVV98, SMT99, Shu95, SDI98, SRA98, TWV97, TO98, Wan97, YZ98, ZCH96, Abr91a, Abr91b, BW90, BW91, FP91, FS91, FS92, FP92, Glo92, Hei92, KEHK90, KEHK91, LGC92, Mel91, MB92, PDC91, SKK90, SKK91, SH92]. **Problems** [AS96, AK98, BR99, BYMZY95, Bar94, BCM95a, Bel97, BD97a, BS99e, BMZ95, BBMB97, CLO93, CW98, CMW95, CC97, CMOS97, Cho97, CJM97, DR96, DA94, DS94, ES98, EL96c, FA97, FD93, FPQ93, GS95, GP98b, HOS93, HKNT98, HML99, HR96, HLOZ97, HW97, HHR99, HS93b, HS94, HSS97, IH95, Ji94, Ji96, nJ93, JT93, KP97a, KL94, LL99, LT93, LEI96, Liu96a, LO93, MW94, MB94, NO93, OBB98, Oos97, OGWW98, PFRB93, PK95, Pen95, Pri98, Puc97, RS95, Ram97a, RFL93, Rig94, SSR96, SS95, Shy98, ST97, SW96, TKT97, TS99, TH96b, TO96, VSH96, VSM99, Wir97, ZC94, ZW97, ZOI97, ZRR99, vGVO98, AM90, BDR91, CS92b, CS92c, Dar90c, Dar91b, DM91a, DM92a, DM92b, Dra90, Fer90a, Fer90b, For90, For92c, FMS92, HM95, Jac90]. **problems** [JLB90, Kar91, Kar92, KW92, Lay90, LHI90, LM90c, LE90, LE91, Mor90, Nat92a, Ods90a, Ods90b, OB95, Or94, QR90, Ram92a, Ram92b, SSF92a, SSF92b, SMM+90, SK92, SRSB93, TLES93, UWSB90, UWSB91, WMG+91a, WMG+91b, dFSS92]. **Procedure** [AT99, AK94b, BTW96, HOS96, LT93, LIH97, Liu96a, MBV93, MG97b, Nea94, SvD96, Sim93, TYS95, AM90, BS91a, For92c, FMS92, MDB91a, MDB91b, SA90a, Wei92]. **procedures** [CH90b, CH91, HHG91, HHG92, KL92b]. **Process** [LL95, RLT93, SKO94, dG96, SCA92a, SCA92b]. **Processes** [DFFG96, LNR99, SL96, SCT+99, SCC93b, BBC+90, BBC+91]. **Processing** [Shi93, MQS97, Pri90, Pri91, TZWH92b, TZWH92a]. **processor** [BBK91, Bru92, Bru93, JJK92, SBGM92]. **Processors** [ÖL96]. **Produced** [Gou96b]. **Product** [Gra95, Man93a, PR93b, Wit96a, Vre91a, Vre91b]. **product-formula** [Vre91a, Vre91b]. **Program** [LW96b]. **Programming** [ST95, Lav90]. **Progress** [HLD96, RS95]. **Projection** [ABC+98, BCM99a, CP99, CR99, Eyr94, FMO98, GQ97, KPP99, LS98, Min96b, Min96a, PAB+97, Tau94, XH98, ZS92a, ZS92b, Zhu95, BM92]. **Projections** [Pri94]. **Projective** [WL96]. **Propagating** [AS95c, ZHL96]. **Propagation** [AHH94, BD93, FHKZ97, HT95, HHR99, Iva93, KI99, LS96, LeV97, LeV98, Löt94, MMW96, Qi93, Ram97a, Ske98, WJTP96, Wri98, ZS97, AAP+95, LRB+90, LBC+91, TPL90, WMG+91a, WMG+91b]. **propagator** [BG92, Bas92, CK90a]. **propagators** [TEKC92]. **Proper** [LR98].

Properties
[BY94, CW98, För96, Hel95, JZQ+95, MS93, NMW+96, Rob90b, ZDG95].
Property [EG95, Fur99]. **Proposed** [TRL99]. **Protease** [DOOSM99].
Protection [LTE93]. **Protein** [JMDB99, SS99a]. **Proteins** [DOOSM99].
PS2M [AN90]. **Pseudo** [Ano94s, BCM95a, BGM95, LD93, Mar93, PM90, RG97, SSR96, Sun96, BKM90, BT92a, BT92b, Dom90, ND90].
Pseudo-Current [Mar93, ND90]. **Pseudo-Non-Time-Splitting** [Sun96].
Pseudo-Solid [SSR96]. **Pseudo-Spectral**
[BCM95a, BGM95, RG97, LD93, PM90, BKM90, BT92a, BT92b, Dom90].
Pseudo-Steady-State [Ano94s]. **Pseudocompressibility** [SC97].
pseudoparticle [Mak99]. **pseudoperiodic** [RS91]. **Pseudorandom** [MCPR95, ASTAS91]. **Pseudospectral** [Boy92d, Boy94, Boy96b, Boy97a, Boy97b, CBL95, DECB98, Don94, DF98, GS96a, Han93a, HS93b, HS94, Kab96, KTE93, Ku95, Mal96a, MR99, MQS97, NPC93, PBD94a, Pri95, RF96, TC98, YP98, For90, Jac90, MS90b, MS91c, Pel91].
Pseudospectral/Delves [Boy97b]. **Pulp** [SG98]. **pulsar** [LS92c, LS92d].
Pulse [FHKZ97, KKOF97, KL94]. **Pulses** [Luk99]. **Pumped** [LW94]. **Pure** [FA97, PA95a]. **Purpose** [BGGT90, DS90]. **pursued** [YHW90, YHW91].
Pushing [Smo98].

Quadrature
[CK96, CP98a, CZS98, CJ95b, LV98, NM95, NB98, Pri94, Str96, Yak96].
Quadrilateral [ABBM96, Gir98, MRS98, ST99]. **Quality** [MCPR95, Sun96].
Quantization [KLM95, LB93]. **Quantum**
[Abr91a, Abr91b, Bar94, CCGJ95, Cra94, Dru99, KKOF97, LW96b, LLLY99, LK94a, LK94b, MH94, Rei99, Wit96a, SMM+90, SFB91].
Quantum-Classical [Rei99]. **Quantum-Mechanical** [Bar94].
Quantum/Classical [Dru99]. **Quasi**
[Abg96, Ano94t, CC98, KO98, LBB94, LeV98, MC95, OG97, PCLC97, Pri93, SS99c, SMW99, TO98, Wir97, Dar90a, Dar91a, MPG92a, MPG92b, ZDG95].
Quasi- [KO98, SS99c]. **quasi-confirmal** [Dar90a]. **quasi-conformal** [Dar91a]. **Quasi-ENO** [OG97]. **quasi-fractional** [MPG92a, MPG92b].
Quasi-Geostrophic [SMW99, LBB94]. **Quasi-Isometric** [CC98].
Quasi-Monte [MC95]. **Quasi-Newton** [Ano94t, PCLC97]. **Quasi-Periodic** [Wir97]. **Quasi-Riemannian** [Pri93]. **quasi-static** [ZDG95]. **Quasi-Steady** [LeV98]. **Quasi-Two-Dimensional** [TO98]. **quasiconformal** [Dar93].
Quasilinear [Tho97, Win97]. **Quasineutral** [DHS94, JLSM97, Ram95].
Quasiparticles [Rom97]. **Quench** [Bot96]. **Question** [Sco98]. **quick** [HHG91, HHG92]. **Quintic** [Hol96b, CHW90]. **Quotient** [Fat99].

R [AAP+95]. **R-matrix** [AAP+95]. **RACAH** [RMSB96]. **Radau** [BN94].
Radial [GEK+97, CRS90, HSN90]. **Radially** [Nor98]. **Radiation** [BBF+99, Boy95b, Boy97b, DW98b, Gra95, MSF94, RKO99, RK99, SCA92a, SCA92b, TW94, TG96, Win95, dG96, Dra90, YM91, YM92b, YM92a].

Radiation-Hydrodynamics [BBF+99]. **Radiation-induced** [SCA92a, SCA92b]. **radiation-magnetohydrodynamics** [YM92b]. **Radiative** [AN98, Fra95, JFH+98, KI99, MWS96, BKP91, Sal91, SM92, Sto92, dG92a, dG92b]. **Raman** [BGB99, GB90, GBS+90, GBL+92, GSB+93]. **Random** [BBGL93, CV92a, CV92b, EM95, EHM97, HB95, KI99, Zan99, Zin94a, BES90, CG97c, HN95, HCP93, VC90, VC91]. **Randomly** [MD98, SV97]. **Range** [Lu99, NC95, Pli95, RS99b]. **Ranged** [RN94]. **Rankine** [JM98]. **Raphson** [SSR96]. **Rapid** [GM98, KL94, LH92, Rok90, SH99, HB90a, HB91, May92b, May92a]. **Rapidly** [KB99, BB91b, BBF92a, BBF92b]. **Rarefied** [APS97, FBM93, PC99a, YH95]. **Rate** [Boy94, Rom97, KH90, KH92]. **Ratio** [Kal97, SP98, VRD99]. **Rational** [LLT94]. **Ray** [ACT95, Ben96, FHKZ97, Rie99b]. **Ray-FDTD** [FHKZ97]. **Rayleigh** [Fat99, Gel99, HCZ99, KG92a, KG92b, LJG96]. **Rayleigh-Bénard** [Gel99]. **Re** [MH94]. **Re-formulation** [MH94]. **Reacting** [BS99e, Edw96a, GSB98, KNW99, LLD93, NWK98, Ton96, XP99, CYD92, IGABB90, IABBG91, LLD92, YTS92]. **Reaction** [CZ98, HO96, HGFH95, KD97, SL96, WEQ+99, WH97, BB90b, BB91c, CYD92, MMS90b, MMS91]. **Reaction-Convection-Diffusion** [HO96]. **Reaction-Diffusion** [CZ98, HGFH95, KD97, SL96, MMS91]. **Reactions** [RC95, WH97]. **Reactive** [BPT95, BS99f, CR96, MJPC99, PDHS94, SMJ98, Zho96, BAB90]. **Reactor** [EGS96]. **Real** [CP98b, LL93b, MML98, MS99b, MVZ97, SLL94, ZC94, LVS90, Shu90, SLV90, VM90]. **Real-Time** [MML98]. **Realistic** [BD94b, Pri94]. **Realization** [SCT+99]. **Receptor** [EA97]. **Recirculating** [LT93, BY90, BY91]. **Recombining** [Kno98]. **Reconnection** [AS94]. **Reconstruct** [TSW95]. **Reconstructing** [GBS99, RK98]. **Reconstruction** [CL98a, Mot98, OG97, Osc94, SSW98, YWS96, AP90, AP91b]. **Record** [Due93]. **Record-to-Record** [Due93]. **recoupling** [WS91, WS92a, WS92b]. **Recovery** [SR99]. **Rectangles** [Mar94a]. **Rectangular** [BS99e, Gel99, ZS97, Mar90, YMB+91]. **Recurrence** [CS93b]. **recursive** [JVR93]. **Rederived** [MJP93]. **Redistancing** [Str99a]. **Reduce** [MM97b, DÜ92a, DÜ92b]. **Reduced** [Gou96b, IR98, VBD99]. **Reduced-Description** [VBD99]. **Reduced-Order** [IR98]. **Reduction** [FBM93, RSW98, SE98]. **Reference** [TRL99]. **Refined** [CDW99b, DP93, Min96b, PV99, DP92a, YMB+91]. **Refinement** [BS99e, Coo99, FH98a, FGM97, GBCA99, HT97, JFH+98, Kho98, PGD99, vdVvdV98, FM92, Fra92]. **Reflected** [LM95]. **Reflecting** [Fer95, Giv90, Giv91]. **Reflection** [Ben95, HKW97, TPL90]. **Reflectionless** [PZC98]. **Reflections** [DM96]. **Reformulated** [Hei93]. **Refraction** [HKW97]. **Refrigerator** [WK96, WKK98]. **Region** [Gra99, MA98, PBD94b, BW90, BW91]. **Regions** [DE93, GM98, JMR94, PBC+95, Hor90, Hor91, Mar90, May92b, May92a]. **Regridding** [Löh96]. **Regular** [CC98, KCJ95, ZL93]. **regularised** [GG90]. **Regularization** [HOS96, PMR97, WKMH97, LKLE90, LLEK91].

Regularized [BLP98, She90, She91]. **Regularizing** [SBO93]. **Rejection** [KNR99]. **Rejection-Free** [KNR99]. **Related** [BD97a, EL96b]. **Relation** [Boy97b, TW93]. **Relations** [Gou96b]. **Relativistic** [Bal94b, Cra94, DW95b, DFaIM98, Man93b, MM96, YCTC97, BKP91, HTK90, SKR+93]. **Relaxation** [GGP97, HMD93, Jin95, JL96a, KKH+99, Kla99, LPBS96, LL95, Maz94, MS99b, PCLC97, ZB96, BG92, Bas92, GC90, Tay91, TfNW91, TNW92a, TNW92b, TNW92c, TNW92d]. **Relevant** [CGKC93, CGKC92]. **Reliable** [Pry94]. **Remapping** [Gra99]. **Remeshing** [SWS96, DT90a, DT90b, HW92a, HW92b, PPM92a, PPM92b]. **Reminiscences** [God99, Van99]. **Removal** [Cho93b, Jak93, Cho90a, Cho90b]. **Removes** [Rob99]. **Removing** [HLS94, HKS98, Kel94]. **Representation** [JBA96, MLJ97, VC90, VC91]. **Representations** [SH98a, PH94]. **Representer** [Lya99]. **Representing** [HK93b]. **Reproducible** [MCPR95]. **Reproducing** [HH98]. **Republication** [Shu97]. **repulsion** [LKB90]. **Requirements** [Rie99a]. **reservoir** [BR92a, BR92b, JE90]. **Reservoirs** [DGN97]. **Residual** [Ena93, SC97, TKT97, Dav91, Dav92a, Dav92b]. **Residuals** [LR94]. **Resistance** [SDI98]. **Resistive** [KGH+98, PBD94b, SS96b, CHL+90, HCJ92a, HCJ92b]. **Resolution** [AS96, AR97b, CWC99, CS97b, CEG+97, Dau92a, Dau92b, DDS97, ES94, Eka99, FCC97, GO96, GO98, Har97, JCA97, Lax97, LS96, LeV98, Mah98, PPBC93, SWT98, SRBG99, TRL99, Yee97, DM92c, Har92a, Har92b, HL92a, Lel92, Mul92b, Mul92a, PPBC92, SW92, WR91, YKM90, DQ95]. **Resolved** [Kal97, Bro95, LKLE90, LLEK91, MB97]. **Resolving** [LIH97]. **Resonance** [SS99b, SMSS98]. **Resonances** [Pry94]. **Resonant** [CCGJ95, HK98]. **Response** [HH98, LPC+93, SA95]. **Responses** [KL94]. **Restart** [WCSW99]. **Restriction** [KTE93]. **Resulting** [GH97]. **Results** [FJGP94, LLR94, ZDD99, Nat90, Nat91, Rus90]. **Reversible** [EA97]. **Review** [HGH90, HGH91, Giv90, TT90, TZWH92b, TZWH92a]. **Revised** [AN90]. **Revisited** [Dar96, Maz97, HN95]. **Revolution** [ARTAAA97]. **Reweighted** [nJ93]. **Reynolds** [BY92, Bra92, CPJ90, IT90, KL92b, MFZ97, RK93]. **Reynolds-averaged** [CPJ90]. **rezoned** [Hal90a, Hal90b]. **Rezoning** [Nor91a, Nor96, Nor91b]. **RF** [SG94]. **Rheology** [GS97b]. **Ridges** [RB95]. **Riemann** [Bai97, Bal94b, BHJU99, CS97b, DW94a, DW95a, FP92, Gla91, Gla95, JM98, LPvL93, MIM90, Mon97b, Roe97a, Sai95, SLL94, TWV97, Tou92, TK96]. **Riemannian** [Dvi90, Dvi91, Pri93]. **Rigid** [AKW93, BMJ+97, Xia99, Sal91, dG92a, dG92b]. **Rigidity** [JH97]. **Ring** [OS97]. **Rings** [LSB96, MKM99, MKM04, OsKB+92]. **rings-and-spokes** [OsKB+92]. **rise** [MD90]. **Rising** [Dar95]. **Rivulet** [RKJ97]. **Robbins** [PH95b]. **Robert** [Ano99-30]. **Robust** [DS99, DB97, ETRW95, KJ98, Löh95, MP97, SDP97, Wal94, WD97, YM95, Knu92]. **Robustness** [Mav95]. **Rocks** [PM99]. **Rods** [Kla96]. **Roe** [CG97a, Gla95, MVZ97, PV99, Sai95, Tou92, VM90]. **Roe-Type** [Sai95].

Rokhlin [HM95, SB98]. **Roll** [CS97a, CS99, SCR97]. **rollup** [KG90b, KG91, KG92a, KG92b]. **Root** [Loe93]. **roots** [Gre91, Gre92a, Gre92b]. **Rossby** [Duk95]. **Rotated** [TN98, LPvL93]. **Rotating** [BTW96, KB99, PBBS95, SS99c, YSMG97, IT90, MLB92, Zan92a, Zan92b]. **Rotational** [HI98]. **rotationally** [FP92]. **Rotations** [HP98]. **Rough** [APV98, BES94, PR93b, SS96c]. **Roundoff** [BCM95b]. **Rovibrational** [WKHS97]. **row** [Gla91]. **Rules** [Str96, Yak96]. **Runge** [AL97, AA90, AA91, CS98b, Gil97, HHM96, Jin95, MR99, SH98b, SH97, Vad97, Wei92, Zho96]. **Runs** [Bar90]. **Russell** [Ano99-30]. **Rys** [CP98a].

S [Van99]. **sampled** [RS91]. **Sampling** [AH99, BS99d]. **Sand** [RB95]. **Satisfying** [DÜ92a, DÜ92b]. **saving** [Par90]. **Scalability** [BS96, KSB+99]. **Scalable** [PDHS94]. **Scalar** [DB96, FEO95, LO96, Li97, GWI92, ZDG95, AK99]. **Scale** [GKDT96, Hal97, HB96, Kal97, KWT+97, SP96, Swi96, Waj93, vNZ94, FPRB90, FPRB91, PFRB93]. **Scaled** [SH98a]. **Scales** [EM94, EM95, Rei99, Sch92b, Sch92a]. **Scaling** [LLLY99, Val91a, Val91b]. **Scatter** [BES94]. **Scattered** [AK98, MD95]. **Scatterers** [AWY99, Rob99]. **Scattering** [AL97, ART95a, ART95b, ARTAAA97, AWY99, BPS95, BGB99, BMZ95, BGP98, CL93, CJ95b, Eyr94, GSB+93, GK96, HKNT98, Hof97, KI99, KS94, KL94, NY98, Osb93, PDHS94, Rom97, Sha96, UL98, VSH96, Win95, lX96, lX97, lX98, YGH97, YL98, dAT95, Abr91a, Abr91b, BKP91, BO92, GB90, GBS+90, GBL+92, HB90b, Mel91, Osb90, Osb91, PO90, PO91, Raw90, Raw91, Rok90]. **Scharfetter** [Kul95]. **Scheme** [AS96, AAL97, Ano97-29, ADS97, Bau97, BD93, BC98, CAA93, CD93, CA93, CJ94, CGY93, CD95a, CM95, CF98, CF99, CKE99, CCG95, DW96a, DW96b, DW97, DW98c, Epp94, FB94, FAH97, FM97, GO96, Göt99, HCZ99, Hir97, HWM96, Hol96b, HKvV95, Jac95, JcW99, Jin94, JSE97, Kla99, KNW99, Kno98, Leb99, LH95, LJG96, LS93b, MKM98, MWW96, Mei98, MWS96, MRS98, MP97, MVZ97, MA96, NWK98, NGN97, OK94, PK94, PV99, PRL+99, RC95, Sak96, SZ97, SA95, Sco96, SW99a, SWT98, Sjö95b, Smi99, SB96b, SXG99, SCT+99, Tan94, TH96a, TN98, TP97, Vad95, VO96, WTH+96, Weg97, WM94, Xu97, YCTC97, Yav97, dLMSS95, dNPT95, vL97c, vM95, Alv91, Alv92, AA90, AA91, Boy90, Boy91a, BJ90, BW90, BW91, CWG90, CWG91, CGY92, Dem92a, Dem92b, Fis90]. **scheme** [HHG91, HHG92, Kle95, LH90, LR90, LR91, MDHW92a, MDHW92b, MRS94, Nat92a, Or94, PL92a, YTS92]. **Schemes** [AD97, Abg94, Ano94s, AR97a, AE95, Bai97, BS98a, BKV98, Bih96, BS99f, BT97a, BT97b, BNW96, CGA93, CGA94, CJS99, CEG+97, DW95a, DM97b, DW95b, DL94b, ES94, EL96a, EL96b, EL97b, Eka99, Fat99, FMO98, FWBS94, Fri98, Fur99, GS97a, GMS+99, GO98, God99, GVM99, Hal97, HHF95, HP93, Har94, Har97, HEOC97, HOS93, HHM96, HS99b, Hub99, Hwa96, JS96, JL96a, JT93, Jun99, KH97, Lax97, LP97, Li97, LOC94, LO98, Mah98, MD95, Mar94a, Mar94b,

MS99b, MLVM98, MBP94, MR98, OG97, PC96, PLD97, PZC98, PC99b, RS95, Rig94, Roe97a, SMD98, Sco98, Sha99, Shu97, ST93, SH98b, SW99c, SH97, SRT98, TW93, Tei99, Thu96, TO96, Van99, VC99, VSG95, WK99b, XMP97, XH98, YYCH98, ZLOT98, Zho98, ZL93, BR92a, BR92b, BY90]. **schemes** [BY91, Car91, Dar92, Fig92, HP92, HT94, JLB90, KL97, Lay90, LRB+90, LBC+91, Lel92, MMS90b, MMS91, RM90, RM91, Rob90a, SG92a, SG92b, ST92a, SNL90, Sur94, ST92b, WR91, Wes92a, Wes92b, Yan90, YP92b, YKM90]. **schrödinger** [GCMR90, ARS91, BO92, Boy97b, BSPL96, BCR99, BCT98, CRS90, CW90, CJS99, CHW90, Cra94, EVP97, GS94, GEK+97, GKKR99, Gou96a, Jam99, KOS+96, Kou96, LRB+90, LBC+91, NC97, Osb93, PRS90, PM90, Pry94, RF90, RF91, RFH93, SB95, SY97, Sim93, Sim99, TEKC92, Tas92, TSS92]. **Schrödinger-like** [Cra94]. **Schrödinger-Type** [SY97]. **Schumann** [Wer98, KHW98, Wer95]. **Schur** [CD95b, Loe93]. **Schwarz** [DB98, Fis97]. **Schwinger** [Adh92a, Adh92b, GM95b, MP93]. **Scour** [Ush96]. **Screened** [BFO99]. **Sea** [GZ95]. **Search** [AB97, Löh95, MSV98]. **Search-Locate** [AB97]. **Searching** [Boy95a]. **seas** [LS92a]. **Second** [BHJU99, DW96b, DW97, GN96, GKZ97b, Hir97, Hof97, HL98, KPP99, MB94, RWTC95, Sco96, SNU98, STG+96, Tab96, TH96a, TS99, Tau94, TP97, Zhu95, BM92, Fri90, Hal90a, Hal90b, JW90]. **Second-** [GKZ97b]. **Second-Moment** [BHJU99]. **Second-Order** [DW96b, DW97, GN96, Hir97, Hof97, HL98, MB94, RWTC95, Sco96, SNU98, STG+96, Tab96, TH96a, TS99, Tau94, TP97, Zhu95, BM92, Fri90, Hal90a, JW90]. **Second-Order-Accurate** [KPP99]. **Section** [EOS98, hYsY96]. **Sectional** [Hel95]. **Seeking** [Abd94]. **segment** [AP90, AP91b]. **Segmented** [SR97]. **Seismic** [GM95b]. **Sekerka** [ZCH96]. **Selected** [FH97, NO93]. **Selection** [Dar95, RK99]. **Selective** [LB94]. **Self** [AK94b, AC93, BCR99, DHS91, LW94, PS93a, Sam97, YDT93, MM91b, YHW90, YHW91]. **Self-Adaptive** [AC93]. **Self-Consistent** [LW94, DHS91]. **Self-Correcting** [AK94b]. **Self-Gravitating** [YDT93]. **self-pursued** [YHW90, YHW91]. **Self-Similar** [BCR99, Sam97, MM91b]. **Self-Sustained** [PS93a]. **Semi** [Ano91n, Cas90, CW93, DS99, Ful93, HG94, Ji94, JR96, Kle95, KNW99, Kop96, NWK98, Oli94, SH94, SRBG99, Str99b, VRD99, WH98, Zho96, HWY90, HWY91, LL91, Mul92b, Mul92a]. **Semi-coarsening** [DS99, Mul92b, Mul92a]. **Semi-Implicit** [WH98, Zho96, Ano91n, Cas90, CW93, Ful93, Kle95, KNW99, NWK98, SH94, VRD99, LL91]. **Semi-infinite** [HG94]. **Semi-Lagrangian** [Oli94, SRBG99, Str99b]. **Semi-periodic** [Ji94]. **semi-spectral** [HWY90, HWY91]. **Semi-staggered** [JR96]. **Semi-Structured** [Kop96]. **semiclassical** [BG92, Bas92]. **Semiconductor** [FO93, Kul95, LWT99, MQS95, DGD90]. **Semiconductors** [BH95]. **Semispectral** [WH98]. **Sensitivity** [BB97a, GNH96, KTN+94, STG+96, DM92c]. **Separable** [EVP97, Bar94, CR91]. **Separation** [PH95a]. **Sequel** [Hir97, Lio96]. **sequence** [CV92a, CV92b]. **Sequences** [Eye96]. **Series** [GBS99, HKM96, Sho93, DD92a, LKLE90, LLEK91, RF90, RF91, VC90, VC91]. **Set**

[AS95c, AS95a, AS95b, AS97, AS99a, ABS96, BS98a, CHMO96, CMOS97, Cho93a, GGP97, HOS96, HRL99, JCHW95, LZG99, MBO94, PMO+99, Str99a, Str99b, SSO94, SAB+99, ZCMO96, ZMOW98, WDH+92a, WDH+92b, ZS92a, ZS92b]. **Set-down** [GGP97]. **Several** [BO98, FKM99, Fra95, Wit96b]. **Shadow** [Ano94t]. **Shadowing** [GE92]. **Shake** [Pal93]. **Shallow** [BD93, CN95, GNHP95, Göt99, HB97, JCHW95, Ma93a, NGN97, Pri93, STS98, SP99, TTI97, VC99, YM95, Cas90, LS92a, Nad95, Ste92b, Ste92a, TPL90, WDH+92a, WDH+92b]. **Shallow-Water** [BD93, STS98, YM95]. **Shape** [HP99, Hum96a, IS96, Ruy93, MD90]. **Shapes** [AD97]. **shared** [Nat90, Nat91]. **shared-memory** [Nat90, Nat91]. **Sharp** [FV97, GO96, GO98, PH95a, UI99, UMS99, CS91, HS90]. **Sharp-Interface** [FV97]. **SHASTA** [Zal97]. **Shaw** [BST95, HLOZ97, Whi90a, Whi90b, Whi94]. **shcemes** [YP92a]. **Shear** [CSN93, DE99, GT97, Gri94, RK95, Bue91, GG92b, KG90b, KG91, MNP90, MM91b]. **Sheared** [SCG94]. **Sheath** [PFRB93, PPBC93, SG94, PPBC92]. **Sheet** [Ber95, BLP98, EB94, NB98, PH95a]. **Sheets** [Bis95, FGM97]. **Shelf** [GZ95]. **Shell** [KB99]. **Shepard** [SRF93]. **Shift** [CJ95b, HK93a, HK92, KvdVPG95]. **shift-and-invert** [KvdVPG95]. **Ship** [SDI98, TS96, TSR92]. **Shock** [AS96, AR97a, ABS96, BL99, BKP96, CSW98, DW95b, Don94, DQ95, DM96, DFN+99, GMS+99, GO96, GO98, HHF95, HP93, Har94, LH95, Ods93, RWTC95, Shy98, SK93, Ton96, TPRC96, Yee97, YSD99, ZDD99, BM91a, BM91b, Boy91b, Boy92a, HP92, LGC92, kM90, kM91, Ods90a, Ods90b, Poy92, Rob90a, YP92a, YKM90]. **Shock-Adaptive** [LH95]. **Shock-Capturing** [BKP96, GMS+99, Shy98, Ton96, Yee97, YSD99, kM90, kM91, YP92a, YKM90]. **Shock-Cylinder** [DQ95]. **Shock-Turbulence** [AS96, HHF95]. **Shock/Turbulence** [DFN+99]. **shocked** [Lav90]. **Shocks** [IS96, JL96b, KC97, LM95, RK95, HL92b, VD90]. **shocl** [YP92b]. **shocl-capturing** [YP92b]. **Shooting** [Ji94, KEHK90, KEHK91, Or94]. **Short** [Pli95, RS99b]. **Short-Range** [Pli95]. **Sides** [OK94]. **sigma** [HWY90, HWY91]. **signals** [RS91]. **Similar** [BCR99, Lub91, MM91b, Sam97]. **Simple** [CMOS97, DW95a, DW98c, Tem96, PA95b, Ver91]. **Simplified** [GGZ93, KEHK90, KEHK91]. **Simulate** [PM99, Lub91]. **Simulated** [CDR99, RHB94, DS90]. **Simulating** [AQ98, Luk99, MA95, Mon94, SG98, SC96b, Vu96, Vu98, VBD99, ZDD99]. **Simulation** [ARV99, ALW94, Bal94a, BMGM95, BGB99, BD94a, BMJ+97, BF97, BN94, Bot96, CN95, CBL95, CF94, CCGJ95, CJR95, CB96, Chr97, CR96, Coo99, CLD+96, CS93c, COBA95, DB96, DL93, DQ95, DE99, DFN+99, DMW99, EA97, FBM93, FT96, Fis94, GBCA99, GMS+99, GSB98, GG97, GRB+95, GM95a, GH95, GKDT96, Gri94, GKL+96, GHS93b, GS97b, HMD93, HC97, HF98, Han93a, HCZ99, HK95, Hew97, HK94, HS99a, HZC+95, HC93, IR98, JZQ+95, Jor99, JLSM97, KPCJ97, KF94, KLB99, KWG94, KG92a, KG92b, KLM95, Kuh96, Kul95, Kup98, Lan97, Leb99, LL95, LPR96, MD98, Mal96b, MM91a, MPR99, MSF94, MPPZ96, MQS95,

MB96, Nun93, ÖLJ98, PFRB93, PPBC93, PVQ97, Pri95, RM93, RKJ97, RH99, RS99a, SB96a, Sal91, SKO94, SR98, SW99b]. **Simulation** [SL96, SXG99, STS+97, Swi96, SCC93b, Tan93, Tan94, Tem96, VD97a, VAVB93, WTH+96, Wel95, WK96, WKK98, WCO94, Yin96, Zab97, Zho98, ZDG95, dG92a, dG92b, dG96, vWBS+97, Ano91n, BLK90, BR92a, BR92b, BBK90, BBK91, Boy90, Boy91a, FPRB90, FPRB91, GB90, GBS+90, GBL+92, GG92b, JVR93, JE90, KMB+92b, KMB+92a, KG90b, KG91, KHM92a, KHM92b, Lif92, MD90, Nat92b, PPBC92, Poi91, Pri90, Pri91, Ram90a, Ram90b, RD91, RD92a, RD92b, RWC90, STAS91, SFB91, VAVB92, VY91, VY92, XPK90]. **Simulations** [AS95a, AS95b, ACLW97, APS97, ADS97, BS99a, BS99b, BS99c, BD96, BDS+99, BDC97, Boa97, BL94, Bro95, CD93, CD95a, Clé96, CL98b, DW98a, DW98b, DECB98, Dru99, DL94b, FBM93, Gho96, GR97, GBS99, HBF93, JVS97, Kho98, KMM96, KM97b, KMS99, KWT+97, KCV99, LB94, LIH97, LWS98, LRJ+99, MLJ97, Mat94, Mau99, Maz94, MB97, NY98, Pet94, Ram95, Ram97b, Rie99a, Ruy93, SS99b, SMSS98, Sch95b, SH98a, Sha96, SMW99, SK96, SDG94, TLW95, Wel98, Wha96, YGH97, YP98, BR92c, BR92d, But90b, CH90b, CH91, DGD90, DD92a, DMZ91, DM90, DM91b, KDL+92, LG90, LG91, MNR90, OsKB+92, PL92b, Poi92, RM90, RM91, Ros90, Sch90, Wes94]. **Simultaneous** [VD97a, VAVB92, VAVB93, YWS96, YG95, HLD92b, HLD92a]. **Sinc** [Boy92c, Kou96, Boy92b, JLB90]. **sinc-Galerkin** [JLB90]. **Sine** [AHS96, AHS97]. **Single** [AAK+93, ACT95, BES94, HK98]. **Singular** [Boy96a, CGKC93, FGM97, HS93b, Nak95, NMB94, Str96, CGKC92, JLB90, KF91]. **Singularities** [BST95, CLO93, FB94, LO93, Pri95, BM90b, BM91c, EHW90, EHW91, OB95, OGS90, OGS91]. **Singularity** [FC95, Jak93, ZP95]. **Singularly** [CMW95]. **Sinh** [Boy94]. **Sinh-Mapping** [Boy94]. **sintering** [VMK91, vdVMK92b, vdVMK92a]. **Sites** [YR93]. **Sivashinsky** [AAP97]. **Sixth** [CF99, For92a, For92b, CRS90]. **Sixth-Order** [CF99, For92a, For92b, CRS90]. **Size** [CLD+96, RK99, SGW94, WKMH97]. **Skeletons** [SW94]. **Skyrme** [CB94]. **Slabs** [SCM98]. **Slanted** [Poi91]. **Slater** [KU94, QF99]. **slender** [RIW90]. **Slip** [GHS93a, MB94, Wer95, HLB94, HL92a]. **Slip-line** [HL92a]. **Slope** [Hub99, Yan90]. **Sloping** [GGP97]. **slow** [TLES93]. **Slowly** [KC97, Rob90a, JL96b]. **Slug** [TM93]. **Small** [AF90, AF91, BCRR98, Eve96, HA93, Kel94, KLM95, LCM96, TMR92a, TMR92b]. **smooth** [Che91, HCC91]. **Smoothed** [CM99b, FQ96, GLN+99, GS97b, LSRS99, Man93b, PL93, SHA95b, WP97, Bal95]. **Smoother** [Oos97, AA90, AA91, Luc90, Luc91]. **Smoothers** [OGWW98]. **Smoothing** [AK98, Ena93, FD93, SC97, ST99]. **Smoothness** [HS93a]. **Smoothness-Enhancing** [HS93a]. **Snares** [Boy96b, Boy97a]. **sniffer** [BS92a, BS92b, BS91b]. **Solar** [LMS98]. **Solenoidal** [BS99b, BS99c]. **SOLGASMIX** [Web98]. **Solid** [Iva93, NC93, PM99, SSR96, TS99, UMS99, WDE98, GL95, Sch92c].

Solid-Liquid [UMS99]. **Solid-Water-Gas** [TS99]. **Solidification** [BDS+99, FA97, JT96, Kre98, PGD99, YZ98, Alm93, AT92, SKK90, SKK91, SH92, SS91, SS92]. **solids** [CKQ+93, TP92a, TP92b]. **Solitary** [Boy95b, Boy97b, GG90, GG92a, CWG90, CWG91, QS90, TPL90]. **Soliton** [CSZ97, HK93a, HK92]. **Solitons** [Boy96a]. **Solution** [AHS96, AHS97, AK94a, AC95, AK95, And94, AIV99, BK93, BB96, BR99, BR97a, BR97b, BK94, BTW96, BD97b, BK97a, BKV98, BFGG94, Can96, COS+98, CH99, CMW95, Cha95, CWC99, CZS98, CL93, CKSB97, Cod99, CDW99a, CDW99b, CSW95, DVD93, DNN93, DH95, EO98, ES98, Eyr95, FO93, FEO95, Fis97, För96, FS97, Fuj95, GP98a, GACN93, Gar98, GO96, GO98, GP98b, GM95b, GHKH93, HKM96, HIY95, HKNT98, HLD92b, HLD92a, HSS97, ID96, IGABB90, IABBG91, nJ93, JMR94, KT99, Kop94, KRGv93, Ku95, LPMS94, LL93b, LR94, MV99, Mik90, Mik91, MW94, MK97, MQS97, OD99, PHL93, PZC98, PBD94a, PRL+99, Pri93, Pri96, Pri98, QW93, QS98, RK93, RFH93, RIP96, SB95, SA95, STW97, SRF93, SI94, Sie99, SR97, Ste92b, Ste92a, TH96b]. **Solution** [Tho97, Tid97, TRL99, VD97a, VAVB93, VB95, VSH96, VSM99, Wer95, Win97, WLC96, YB98, YM95, YSMG97, Zha98, AM90, Adh92a, Adh92b, Ben90, BWJ90, BDR91, BL90a, BL90b, BY92, Bra92, BW90, BW91, CW92a, CW92b, CRS90, Che91, CH90a, CGSS90, CGSS91, Dar90c, Dar91b, DM91a, DM92a, DM92b, Dav91, Dav92a, Dav92b, Dur91, DEO92, FP91, Fog92b, Fog92a, GY91, Gro91, Gro92, GS93, HG91, HG92, HB90b, Kar91, Kar92, Kop90, Kop91, KS92, LGC92, LE90, LE91, MH90a, MH90b, MH91, MWJ91, MMS90b, MMS91, MB92, MS90b, MS91c, NSR92a, NSR92b, PRS90, PM90, PRMV90, QR90, Ram92a, Ram92b, Raw90, Raw91, RCAM92a, RCAM92b, RS90, Rok90, RKV90, RKV91, SKK90, SKK91, SVS90, SVS91, SSB90, SSB91, SA90a, SA92a]. **solution** [SA92b, SM92, Sto92, SK92, Tau92a, Tau92b, TKKB92, Tes92, UWSB90, UWSB91, VMK91, VAVB92, Whi90a, Whi90b, vdVMK92b, vdVMK92a]. **Solution-Adaptive** [PRL+99, SRF93]. **Solution-Based** [SR97]. **Solutions** [BKP96, BCM95a, Ben96, BGP98, BCR99, CPJ90, CM94, CM95, CK93b, ER96, Efr97, ETRW95, Fen99, GPWZ96, GS94, GMPGV96, HGFH95, JYH93, JCHW95, nJWP96, JT99, KB96, LCM96, LK94a, LK94b, LO93, NC97, NC93, Nor98, Nor95, SCM98, Sam97, SSO94, TW94, Ven95, XP94, BB91b, BBF92a, BBF92b, Boy91b, Boy92a, DD90, DD91, Gla92b, Gla92a, Gup90, Gup91, Hal90a, Hal90b, HGH90, HGH91, Kar91, Kar92, OB95, Poy92, SMM+90, SA90b, SA91, TMR92a, TMR92b, YSG91]. **Solvability** [Dar90c, Dar91b]. **Solve** [LS93a, Oos97, dFD+94, Dar93, LS92b, RLM90]. **solvent** [JB91, JBvK+91]. **Solver** [Ano97-29, AK98, Bal94b, BD99, BIAV98, BHJU99, Cle97, DW94a, DW95a, DP93, DB97, DE99, GTD98, Gla95, GKZ97a, JM98, KJ98, KPC93, KLB99, Lif96, LW94, LF96, MGM95, SP98, Sai95, She95, SM98b, SB96b, SCW94, TK96, WA95, Zha94, CMK90, DP92a, Gla91, GL96, KPC92, LPvL93, MDB91a, MDB91b, MIM90, Mul92b, Mul92a, Tou92]. **Solvers** [Bai97, BBF+99, GM96, GKZ97b, JMT97, LW96a, Mav98, Mon97b, Roe97a,

SLL94, SBGK99, STS98, VM93, Dom90]. **Solving** [Anc94, ADH+93, BL93, BBMB97, Boy95a, BPM98, CG93, CGA94, Cha95, CJS99, CWC99, CBS93, CC97, CMOS97, Cho97, DK96, Fey98a, Fra95, Gou96a, HML99, HS94, HLL99, Jam99, KOS+96, KM95, Kou96, LO96, LHI90, LMB94, LZ96, Mar94a, Mot98, MB94, MBP94, PA95a, Puc97, Sha95a, SS96c, SG94, Taf95, TZA96, VPS95, VP96, WD97, YG94, YMAC99, ZY94, ZWS98, BB91b, BBF92a, BBF92b, BL92, BJ90, CW90, Dra90, yGmC92, GC92, GMCH92, IM95, LK90, LM90c, LR90, LR91, LJT92a, LJT92b, Mar90, Mel91, RIW90]. **Some** [Dar95, FG97, GA95, HLD96, Mat97, NM95, Pet94, SWS96, SRT98, TO96, Whi94, Wit96a, BY90, BY91, CH90b, CH91, HGH90, HGH91]. **Sommerfeld** [AC95, Dvo91, DK92d, DK92a, DK92c, DK92b]. **Sonic** [AK97]. **Sound** [KCJ95]. **Source** [CC97, JM98, LeV98, PLD97, SB98, VC99, CW92a, CW92b, CGSS90, CGSS91, LY90a]. **sources** [KS92]. **Space** [BH95, BYMZY95, BD93, Cha95, CWC99, DÜ92a, HB95, Hum96b, KRGv93, PLD97, PC99a, PA95a, RFH93, SAS94, YB98, YWS96, ZRR99, dFD+94, BLMR92, Blu92, BW90, BW91, DÜ92b, HM95, HG91, HG92, Kos92, MF92, OsKB+92, Wei92, ZB92a, ZB92b]. **Space-Charge-Limited** [Hum96b]. **Space-Marching** [YB98]. **Spaces** [Mot98]. **spacing** [TA91a]. **Sparse** [DR96, KH97, MPPZ96]. **Sparse-Mode** [MPPZ96]. **Spatial** [CNG99, EM94, EM95, GS96b, KM93b, MWS96, SWS96, YL98, YG94, Ben92a, Ben92b, CNG17, DM92c]. **Spatially** [LL93a, LWS98, RM93, SZ97, Bue91, GG92b, HCP93]. **Spatially-Developing** [LWS98, Bue91]. **Special** [Ano99r, BGGT90, HMOS95]. **species** [LG90, LG91]. **Specific** [NMW+96]. **Specified** [OK94]. **Spectra** [AK99, FG97, MO95, Tak92a, Tak92b]. **Spectral** [ALW94, Ano94t, AQ99, BM94, BY94, BH96, BYMZY95, BCM95a, BGM95, BCM99a, Boy98, BCT98, CLO93, CS93a, CG96, CDF95, CMMH94, Cle97, CD95b, DBS94, DDD98, DB97, DL94a, EHW90, EHW91, EP96, EP99, FKM99, Fis97, FD99, FPQ93, FCC97, Gar98, GA96, GK94, Gir98, GDP96, Hei93, Hei98, HK95, HDL99, Hu95, ISW92a, ISW92b, JCHW95, KI99, KW93, Kop94, Kop98, LIH97, Lif96, LLT94, LQK98, LS98, Ma93a, Mah98, MM95b, MM97a, MPPZ96, NC93, Nic98, PK95, PR93a, PVQ97, Poz99, RK93, RG97, RS99a, SP98, SS96b, SSB90, SSB91, SK93, SRVK96, SMR91, Str95, SF99, Tay94, TTI97, TRL99, Ver97a, Ver97b, Wir97, YGH97, YS98a, ZY94, ZOI97, BKM90, BT92a, BT92b, BM91a, BM91b, BM90b, BM91c, CS92a]. **spectral** [CP90, CW92c, Dom90, FP91, Ful93, GCMR90, GMP92a, GMP92b, yGmC92, GC92, GMCH92, HWY90, HWY91, Hei92, KHM92a, KHM92b, Kop90, Kop91, LS92a, LD93, Lel92, MMB90, MLB92, PM90, RS91, Raw90, Raw91, Sol92, SK92, Sur94, TMR92a, TMR92b, WMG+91a, WMG+91b]. **Spectral-Boundary** [EP99]. **Spectral-Element** [Poz99]. **spectral-finite** [yGmC92, GC92]. **spectral-like** [Lel92]. **Spectral-Projection** [LS98]. **Spectral/hp** [LQK98]. **Spectral/Wavelet** [Gar98]. **Spectrally** [VM94]. **Spectrum** [GEK+97, PS93b, SPC93, SPC92, Tas92]. **Speed** [CP99, SXG99, Zho96, Tay91, TNW92a, TNW92b]. **Speeds**

[HAC97, Mar97, SCC93a]. **Spencer** [NSR92a, NSR92b]. **SPH** [CM97, CR99, LPC+93, Mon94, Mon97a, Mon97b, MFZ97, MM97b, Wel98]. **Sphere** [NC93, PNC94, RIP96, SP96, SP99, TTI97, WKMH97, Bar91b, BM90a]. **Spheres** [CKE99, Zin94a, Zin94b]. **Spherical** [DL94a, Gir97, Göt99, Jab94, JCA97, KB99, Man93b, NGN97, PDL93, RIP96, Ruy93, SNU98, SBKH92, WDH+92a, WDH+92b, YR98]. **Spherical-Gap** [DL94a]. **spherically** [CS91]. **Spin** [FHL97, RMSB96]. **Spin-Orbit** [RMSB96]. **Spine** [MA95]. **Spine-Flux** [MA95]. **Spinor** [PJ94]. **Splashing** [BMJ+97]. **Spline** [CZ98, Eyr94, Eyr95, FH94, FG90b, FG90a, Göt99, KOS+96, KMS99, Mal96b, Man93a, QF99, SM98a, UWSB90, UWSB91]. **Spline-Characteristic** [Mal96b]. **Spline-Galerkin** [Eyr95]. **Spline-Projection** [Eyr94]. **splines** [HB90b]. **Split** [DFaIM98, GCMR90, Hal97, Jac95, KNW99, YP98, GC90, Wei92]. **Split-Field** [YP98]. **split-matrix** [Wei92]. **Split-step** [GCMR90]. **Splitting** [Asl99, CB97, GVM99, HA93, HB96, HdS97, Hig99, HKR99, KF94, Lin95, LVS90, LS93b, LDB98, RK95, SS99b, Smi99, Sun96, WK99b, XMJ95, Xu99, Dem92a, Dem92b, Dic90, DD92b, IGABB90, IABBG91, KIO91, Rob90a, Shu92a, Shu90, SLV90, VM90]. **Splittings** [CD98]. **spokes** [OsKB+92]. **Sponge** [PZC98]. **spreading** [CS91]. **Spring** [CS97a]. **Spruce** [FT96]. **Spurious** [BM94, DDD98, nJWP96, LSRS99, PR93a, Vad95, Vad97, MMB90, YSG91]. **Square** [Rea97, RH98]. **Squares** [nJ93, OG97, PA95a, VSH96]. **St.** [Gla95]. **Stability** [AC95, BD93, BT97a, BBMB97, BK99, CGA93, CS99, DK98, Fab92, Gil97, GS95, GM92, HB96, KM93b, KL92b, LNR99, LLR94, LML99, Liu96a, MM95a, Mas96, Min96a, NMW+96, PC96, PVVS98, PBD94b, SMD98, Sco98, Sil92, Sil93, SC96a, SHA95b, Tay94, VSG95, WH98, WJC93, Bal95, Mal90, Nat92a, Ren92a, Ren92b]. **Stable** [AD97, AS94, BMZ95, CGA94, CNG99, CMMH94, GO96, GQ97, Hal97, HS93a, HLR99, LW96a, RFL93, ST97, Tei99, CNG17, HHG91, HHG92, Sim99, GO98]. **Stably** [PB98, YSMG97]. **Stack** [WK96, WKK98]. **stages** [SCA92a, SCA92b]. **Staggered** [AS99b, BS99b, BS99c, CH99, KK96, Kop96, Kop98, LO98, PZC98, Vel93, WSK99, vBvNW95, Ben92d, Ben92c, JR96, MH90a, SW92, ZSK94]. **Staggered-Grid** [KK96, Kop96, Kop98]. **Staging** [HBF93]. **stagnant** [MD90]. **standard** [BS91b, BS92a, BS92b, WDH+92a, WDH+92b]. **State** [Ano94s, BLG97, BBGL93, CL98a, Cra94, Ena93, Fen99, JT93, Lav93, Löt94, Shy99, Swe96, Ven95, WS96, YR93, dAT95, BB90a, BB91a, FG90b, FG90a, Kar91, Kar92, Sal91, YSG91, dG92a, dG92b]. **States** [Boy96a, CDR99, FK97, Rom97, SRVK96, Hoo90]. **Static** [SWS96, Shu95, ZDG95]. **Stationary** [DÜ92a, KKK95, vBKG97, DÜ92b, GL95]. **Statistical** [CB96, MNR90, DD92a, Val91a, Val91b]. **Steady** [Ano94s, BBGL93, CL98a, CK93a, DNN93, Ena93, ES93, Fen99, Fer95, HB97,

Hwa96, JT93, JV95, Lav93, LeV98, LL94, Löt94, RWW94, SDP97, TZA96, Ven95, YB98, Zha94, AB94, BB90a, BB91a, BJ90, CK92, Dic90, ES92, HLB94, HL92a, HL92b, IT90, JC92, Kar91, Kar92, Kor90, LH90, SKK90, SKK91, Sal91, SA90a, Tau92a, Tau92b, WR91, YSG91, dG92a, dG92b].
Steady-State
[Fen99, Lav93, BB90a, BB91a, Kar91, Kar92, Sal91, YSG91, dG92a, dG92b].
Steered [GBS99]. **Stefan** [CMOS97, SVV98]. **Stellar** [MIM90]. **Stellarator** [NMW+96, LH92]. **stellarators** [DHS91]. **stencil** [PL92a]. **stencils** [Dur91, DEO92]. **Step** [Abd95, AS99b, BS93, CM94, HL98, Jac95, JR96, KTE93, Lu99, Per93, Per95, RK99, Sha95a, Sim93, Smo98, ZSK94, Zhu95, GCMR90, KKD90, LM90a, LM91, RKV90, RKV91]. **Stepping** [CBS93, Hal97, SW99c, SH97]. **Steps** [Maz97, Ske98, Wri98]. **Stiff** [Ano94s, BPM98, Jin95, JL96a, SCW94, dM97a, LY90a, KNW99, NWK98]. **Stiffness** [HKS98, SW99c, HLS94]. **Stimulated** [GSB+93, GB90, GBS+90, GBL+92]. **Stochastic** [ACLW97, DGN97, KLM95, Pet94, Pop95, RW96a, RW96b, RSW98, SL96, WD97, BB90b, BB91c, DM90, DM91b]. **stochasticity** [FA90, FA91]. **Stokes** [ANL94, AM96, ABC+98, AB94, Arm94, AS99b, BB90a, BB91a, BR97a, BK94, BTW96, Bor91b, Bor92a, Bor92b, BLT96, BJ90, Cha95, CPJ90, CB97, CH90b, CH91, Cle97, Cod99, CJ95a, Cot90, CD95b, CMM93, DBS94, Dau92a, Dau92b, DF96, DD90, DD91, DH95, Dom90, DIV98, ETFS94, EP99, FP91, Fis97, Gar98, GTD98, GB97, Gil97, Glo92, GKM96, GHKH93, yGmC92, GC92, Gup90, Gup91, Hei92, Hei93, Hen94, HI98, Hwa94, ID96, IM95, Jac99, JB93, Joh93, JR99, KIO91, Kla99, Kop98, Kor90, KL92b, LM90a, LM91, LM97, Lee98b, LZ96, LS98, LDB98, LR90, LR91, Luc90, Luc91, MDB91a, MDB91b, MV99, MH90a, Mar94b, MH90b, MH91, MP97, NPC93, Nor96, Nor98, Nor95, NC99, Poz99, Pri95, PM98, RF95, RKV90, RKV91, RvR93, Rus93]. **Stokes** [SP98, SPC92, SPC93, SD93b, SSB90, SSB91, SNU98, STW97, She95, SS99c, SI94, Shu91, Shu92b, Shu92c, Sjö95a, SA90a, SMR91, Taf95, Tau92a, Tau92b, Tau94, TfNW91, TNW92c, TNW92d, Tid95, Tou97, Tou98, WNY93, WS93, XP94, YYCH98, ZSK94, Zha94, ZP95, ZWS98, vM95]. **Stokes/Euler** [MP97]. **Storage** [SH98b]. **Störmer** [Maz97]. **story** [Mil91]. **straight** [LH92]. **Strain** [CS97a, LCM96, LPC+93, MAS92]. **Strassen** [DHSS94]. **Strategies** [BH99, IH95, Mav98]. **Strategy** [CMW95, CBS93, ESH93, GO96, GO98, Han93a, JR96, KTN+94, MG97b, dFD+94, KvdVPG95]. **Stratified** [ALW94, BD94a, CMMH94, LW97, Pai97, PB98, SR98, Vie94, YSMG97, YWS96, Hig92a, Hig92b, WKK98]. **Stream** [AQ99, EP99, vGVO98, SC90]. **Stream-Function** [vGVO98]. **Streamfunction** [HC93, Hei92]. **Streamline** [CK93a, CKR93, Han93b, CK92]. **Streamline-Coordinate** [CKR93]. **Streamlined** [DHS94, HLD92b, HLD92a]. **Streptomyces** [DOOSM99]. **Stress** [GLN+99, Waj93, KL92b]. **Stresses** [Kal97]. **Stretched** [PG97]. **Stretching** [RF96]. **strings** [MMR90]. **Strip** [CL93]. **Strong** [BL99, BTW96, KKOF97, KB99, SW99b, Tan94, ZWS98, TP92a, TP92b, HL92b]. **Strongly** [CSW95, HSS97, LZ96, Sco96]. **Structural** [Ari97, SMW99].

Structure [Dob99, Fat99, Goe95, KB96, PDS99, RWTC95, SS99a, SK98, SBO93, WCSW99, RCAM92a, RCAM92b]. **Structured** [Kop96]. **Structures** [BH99, För96, JBA96, PGD99, DT90a, DT90b, DGD90]. **Studies** [KL93, OS97]. **Study** [AAP+95, Bry97, CGKC93, CDT98, DÜ92a, Die95, Don94, ES94, EGS96, Eye96, GBS+93, JZQ+95, KCJ95, KC93, LSLG97, LJG96, LZG99, LK98, LK99, LDB98, Qi93, RW96a, Sem97, SF96, hYsY96, YDT93, ZB96, CGKC92, CHW90, DÜ92b, Fau90, FP92, FVZ90, KG90a, KC92, LY90a, NSR92a, NSR92b, QS90, TSS92, YP92b, YP92a, YSG91]. **Sturm** [JLB90, Ji94, Kob90, Kob91]. **sub** [VD90]. **sub-subsonic** [VD90]. **subcell** [Har92a, Har92b]. **Subgrid** [Kal97]. **Submerged** [PM93]. **submergedj** [PM92]. **Subsonic** [Gri94, VD90]. **Subspace** [Mei98, VSH96]. **Substitution** [CG97b]. **Substrate** [BMJ+97]. **Subsurface** [BL98]. **Subzonal** [CS98a]. **Sufficiency** [Sco98]. **suggestions** [Bal95]. **Suitable** [PPBC93, PPBC92]. **Summation** [Ano95u, Str94]. **Sums** [JBA96, Str91, Str92a, Str92b]. **SUP** [She95]. **Supercomputer** [Swe94]. **Superconducting** [KK95]. **Superconductivity** [Pri96, Pri98, LY90b]. **Superconductor** [Rom97, ZV97]. **Superconductors** [GKL+96]. **Supercoolings** [WS96]. **superfluid** [Sch90]. **superheated** [SCA92a, SCA92b]. **superior** [DS90]. **superposition** [Cot90]. **Supersonic** [LL93b, LL94, YB98, HL92a, HL92b, LH90, YTS92]. **Support** [MRS98, SS95]. **Support-Operator** [SS95]. **Support-Operators** [MRS98]. **Suppress** [BL94]. **suppression** [AA90, AA91, SCMU92a, SCMU92b]. **Surface** [CS99, CPB96, CJR95, Clé96, CT98, Dru99, GLN+99, HML99, HS99a, KP97b, KM96, KB96, LSLG97, Löh96, Mad95, MPR99, MA95, Mon94, PDHS94, Pet96, RLT93, RS99a, SAS94, TWV97, TLW95, TM94, Vie94, ZYKC98, BKZ92, BR92c, BR92d, CYD92, CS92b, CS92c, Dol92a, Dol92b, GSY92, Got92, HLS94, Hui90, Hui91, PTM92, Ram90a, Ram90b, Rom92a, Rom92b, SE90, SR92b, SR92a]. **Surface-Induced** [KB96]. **surface-integral** [Dol92a, Dol92b]. **Surfaces** [BES94, Cho93a, CK93a, KP98, CK92, Dra90, HM90, RR90, RR91]. **SURFER** [LNS+94]. **Surgery** [LD93]. **Suspended** [Xia99]. **Suspension** [SC96b, Sul91, SB91]. **Sustained** [PS93a]. **SW** [CZ98]. **Sweeping** [ZB96]. **Swimming** [LK99]. **Swirl** [LSB96, MG97a]. **Switch** [MM97b]. **Symbolic** [Fra95, LNR99, LP90, PJ94, VSG95, SMM+90]. **Symbolic-Numerical** [VSG95]. **Symmetric** [AS94, DÜ92a, DA94, KOS+96, LV98, Nor98, SLMS98, YS98a, CS91, DÜ92b, NB98, OS90, Sch95a]. **symmetrical** [OGBSK90]. **Symmetrically** [SG94]. **Symmetries** [FWWD94]. **Symmetry** [AAP97, CW98, MS99a, SE98, hYsY96, YR93, BLK90]. **Symmetry-Breaking** [hYsY96]. **Symmetry-Preserving** [MS99a]. **Symplectic** [CD93, HA93, LS94, Oku95, VM97, CR91, MMS90b, MMS91]. **Synchronous** [SS96a]. **Synopsis** [Rie94b]. **System** [BD94b, CM95, DW98a, HD97, HLL99, HC93, MR98, SH94, SCW94, Tan94, CGSS90, CGSS91, FP92, LT91, LT92, LH92, SH92, SV91, SFB91]. **Systematic** [CG97a, FK90, Rob90b]. **Systems**

[AS94, Anc94, Ano94s, AKW93, BFW98, BMGM95, BL98, Bru93, BCT98, CG97a, CGA94, CA93, CSZ97, CS98b, CDT98, DW95a, DW96b, ER96, Ena93, Eve96, FMO98, FHL97, GKDT96, GTA99, HGFH95, JDC94, KOS+96, LeV97, LS94, LLT94, MBP94, Noe94, PQ94, SO95, Str95, Tan94, TS99, WDE98, Wit96a, YDT93, Zha94, ZWS98, AF90, AF91, BB91b, BBF92a, BBF92b, BBK90, BBK91, Bru92, CK90a, Har92a, Har92b, Hoo90, Kob90, Kob91, LO91a, LO91b, Lub91, MMS90b, MMS91, MF92, PL92a, RKV90, RKV91, Row91, SKK90, SKK91, SW92, STAS91, Shu92a, Tho90, tVB92a, tVB92b]. **Systolic** [Bru92, Bru93, BF91].

T3D [WKHS97]. **Tables** [KU94, Swe96]. **Tamm** [MP93]. **Tan** [Boy91b, Boy92a]. **Tangent** [Poy92]. **tangential** [RLM90]. **tangle** [But90b, Sch90]. **Target** [SB98]. **Tau** [DDD98, MMB90, Wer95]. **Taylor** [AQ98, ABLD94, Bar91a, Dar95, Dar96, HCZ99, KG92a, KG92b, Kup98, LJG96, MD95, MD90, Mot98, SO95, Sch95b, SK90]. **Taylor-Expansion** [Sch95b]. **Taylor-vortex** [SK90]. **Tcherenkov** [ADS97]. **Tearing** [CGKC93, CGKC92]. **Technical** [Bar94]. **Technique** [AH99, ART95a, ART95b, ARTAAA97, CB96, Dur93, HP99, JR96, JLSM97, KL93, LW96b, Nun93, PJ94, Rea97, RG97, SSR96, SBO93, Wit96a, YL98, ZWS98, AAP+95, Cha90, Dau92a, Dau92b, DK92a, DK92b, HG91, HG92, HL90, HL91, Kan92, KL92a, Val91a, Val91b]. **Techniques** [AS94, APS97, BH96, CN95, CO95, ID96, Tid97, WVHS98, BLMR92, Blu92, DeV91, HGH90, HGH91, SK92, ZS92a, ZS92b]. **Telescoping** [LRW95]. **Temperature** [BLL99, CJ95b, Gag98]. **Temporal** [AM96, CRRR97, RS99b]. **temporally** [Bar91a]. **Tension** [Pet96, BKZ92, HLS94, SE90]. **Tensor** [Man93a, Waj93, dAT95, MAS92, OGBSK90]. **Term** [Ara97, KLBD93, Lil97, CGSS90, CGSS91]. **Termination** [Pet98]. **Terms** [CSW95, Efr97, HI98, JM98, Jin95, JL96a, LeV98, MWW96, PLD97, VC99, CHW90, LT91, LT92, LY90a]. **Terrain** [PR93b]. **tessellation** [Zan91]. **Test** [JCHW95, BS91b, BS92a, BS92b, WDH+92a, WDH+92b]. **Testing** [BFGG94, MDA91]. **Tests** [LSRS99, MKM98, PO90, PO91]. **Tetrahedral** [Gil97, PK94, SK96]. **Their** [Boy97b]. **Theories** [KB96, lX98]. **Theory** [AFH94, Boy97b, CMK90, EVP97, Eyr94, GM98, Hof95, Hof97, LB93, MBI+97, NY98, PC99b, PX93, UL98, VSG95, XP94, lX96, lX97, Xu99, LGC92, May92b, May92a, RNSV91, Rok90, Rus90, Str91, Str92a, Str92b]. **Theory-Based** [Xu99]. **There** [KHW98, Wer98]. **Thermal** [HMD93, HCD98, KRGv93, LEI96, Zin94b, CW92a, CW92b]. **Thermally** [FMO97, MLB92]. **Thermo** [PVVS98]. **Thermo-Lattice** [PVVS98]. **Thermoacoustic** [WK96, WKK98]. **Thermocapillary** [LSLG97]. **Thermodynamically** [Swe96]. **Thermodynamics** [LPP99, WCO94]. **Thermomechanical** [BMJ+97]. **Thick** [WCSW99]. **Thick-Restart** [WCSW99]. **Thickness** [BCM99b]. **Thin** [BCM99b, Bis95, Hel96, LNR99, Pri98, Sch95a, LY90b]. **Third** [Boy97b, MS93, TL98]. **Third-** [TL98]. **Third-Derivative** [MS93].

Third-Order [Boy97b]. **Thomas** [Gro91, Gro92, Hof95]. **Threaded** [Kho98]. **Three** [AS95b, AR93, ABC94, AS99b, ADH+93, BY94, Ber96, BO96, BM90a, BLP98, BS98b, CS99, CE97, CF98, CF99, DW97, DR96, DW93, DIV98, DL94a, EO98, ES93, EGS96, Fis94, Gel99, GG97, GB97, GM98, GLN+99, KT99, KG90b, KG91, KKOF97, LJG96, LPC+93, LL94, MD95, MLBW97, OK94, PDHS94, RKJ97, RHT96, SH99, Sch96, SLMS98, SBC99, ST93, Tan93, Tan94, VO96, Vu98, WSK99, WL93, WWW95, XMP97, YYCH98, YTS92, ZLOT98, ZB96, Zha98, ZYKC98, Bar91b, Bil90, Bue91, CPJ90, CGR99, ESM98, ES92, FVZ90, Gre91, Gre92a, Gre92b, HSN90, HB90b, KG90a, LS92a, PPM92a, PPM92b, RCAM92a, RCAM92b, RG90, RIW90, ST92a, SA92a, SA92b]. **three-body** [HB90b]. **Three-Center** [SH99]. **Three-Dimensional** [AS95b, AR93, ADH+93, BY94, Ber96, BO96, BS98b, CS99, DW97, DR96, DW93, DIV98, DL94a, EO98, ES93, EGS96, Fis94, Gel99, GG97, GB97, GM98, GLN+99, KKOF97, LJG96, LPC+93, LL94, MD95, MLBW97, PDHS94, RKJ97, RHT96, SLMS98, SBC99, ST93, Tan94, VO96, Vu98, WSK99, WL93, WWW95, YYCH98, ZLOT98, ZB96, ZYKC98, BM90a, KG90b, KG91, XMP97, YTS92, Bar91b, Bil90, Bue91, CPJ90, ESM98, ES92, Gre91, Gre92a, Gre92b, HSN90, KG90a, LS92a, PPM92a, PPM92b, RCAM92a, RCAM92b, RG90, RIW90, ST92a, SA92a, SA92b]. **Three-Phase** [CE97]. **Three-Point** [CF98, CF99]. **Threshold** [DS90]. **Thruster** [RHT96]. **Tidal** [Lya99, YS98a]. **Tide** [KD97]. **Tides** [Boy96b, Boy97a, LG94]. **Tikhonov** [WKMH97]. **Time** [AN98, AS94, Ano97-29, AIV99, Ben96, BKV98, BS93, Bis95, BGP98, CBL95, CGA94, CDF95, CBS93, CM94, CM95, Clé96, Cod99, DZ96, EOS98, GA95, GG97, GP98b, Gre94, GK96, GBS99, Hal97, HG94, HT95, HPS92b, HDL99, HdS97, Hig99, HK94, HL98, JT93, KTE93, LP97, LZ96, MML98, Mar94b, Maz97, NC97, OP97, ÖLJ98, RD92a, RD92b, Rei99, RK99, Rob99, Rom97, SB95, SNU98, Sha95a, Sha96, Sha99, Sho93, Ske98, Smo98, SB96b, SW99c, SWD95, Sun96, SH97, TCS97, Tho90, VM97, Wri98, XMP97, ZLOT98, ZSK94, AF90, AF91, BYMZY95, Cha95, CWC99, CH90b, CH91, CM91, DÜ92a, DÜ92b, DD92a, Dra90, HT94, ISW92a, ISW92b, LKLE90, LLEK91, LM90b, LHI90, LRB+90, LBC+91, PA95a, RD91, SM92, Sto92, TEKC92, VC91, Wat92b, Wat92a]. **time** [YSG91, Zan91, ZRR99, dFSS92]. **Time-** [AN98]. **Time-Dependent** [AIV99, CBL95, GP98b, GK96, HG94, HK94, LP97, NC97, OP97, Rom97, SB95, SNU98, Sha99, SWD95, TCS97, ZSK94, Tho90, XMP97, CH90b, Dra90, LHI90, LRB+90, TEKC92, Wat92b, Wat92a]. **Time-Domain** [Bis95, Clé96, DZ96, EOS98, HDL99, ÖLJ98, Rob99, Sha95a, Sha96]. **Time-Harmonic** [HT95]. **Time-implicit** [RD92a, RD92b, RD91]. **Time-Marching** [LZ96]. **Time-Periodic** [BGP98]. **time-resolved** [LKLE90, LLEK91]. **Time-Stable** [CGA94]. **Time-Step** [HL98, Smo98]. **Time-Stepping** [SW99c]. **Time-Symmetric** [AS94]. **times** [LKLE90, LLEK91, VC90]. **timestep** [AF90, AF91]. **Timestepping** [RH91]. **Title** [Ano95t, Ano96w, Ano97-28, Ano98-27, Ano99-28]. **Today** [Sch99].

tokamak [HG92, KPC92, KC92, TT90, TT91, Zan92a, Zan92b, HG91, KL93, KPC93, KM95, KC93, TS98, WJC93, Zan97]. **Tokamaks** [BK99, TA91b, GLM+90, TAD92a, TAD92b]. **Tomography** [HP99, Yor90]. **Tool** [LNR99]. **Topography** [SH94, UWH99]. **Topography-Following** [SH94, UWH99]. **Topology** [Mat97, MG97b]. **Toroidal** [CGKC93, ESH93, EH93, KPCJ97, PBD94b, SS96b, VM96a, CLJ+90, CHL+90, CGKC92, HCJ92a, HCJ92b]. **Total** [CBSW98, Cod99, TO96]. **totalistic** [BRR92]. **Tracer** [OP97, Löh90, LA90]. **Tracing** [Ben96, Rie99b]. **Track** [BST95]. **Tracking** [ALTP98, BW95, DL94b, FB94, GT97, GLN+99, JT96, LS96, PAB+97, QTL98, RK98, Wel95, KHM92a, KHM92b, RT92, UT91, UT92b, UT92a]. **Traditional** [MW97]. **Trajectories** [Bal94a, GSB+93]. **Transfer** [AN98, BL99, BR99, DW98a, Fra95, KI99, MWS96, PNC94, Sie99, Wel95, dG96, BKP91, Sal91, SM92, Sto92, dG92a, dG92b]. **Transform** [BCT98, JCHW95, Osb93, UL98, BO92, Osb90, Osb91, PO90, PO91, Boy92d, Tak92a, Tak92b]. **Transformation** [SPC93, SPC92]. **Transformations** [SH99, Spe95, GE92, HS90]. **Transforms** [Gue94, PDL93, vNZ94, SBKH92, SBKH92, Sor95]. **Transient** [NC93, PNC94, ESM98]. **transistor** [RCAM92a, RCAM92b]. **Transition** [BJ95, HRL99, LL95, PV93, RM93, ZDD99, Zho98]. **Transitional** [PM98]. **transitions** [Bar91a]. **Translation** [lX98, ESM98]. **Transmembrane** [DMW99]. **Transmission** [ZLP97]. **Transonic** [WLC96]. **Transparent** [AE98, SY97]. **Transpiration** [YG95]. **Transport** [ACT95, AMP+98, Azm99, BH95, BB97b, EG95, FO93, Fey98a, FWBS94, FD93, GP98a, GMM99, JFH+98, KL93, KRGv93, Kuh96, Kul95, KST90, KST91, LW95, LNR99, Li97, LSRS99, MH94, MKM98, PFS98, SZ97, SS94, SS96a, STW97, SCT+99, STS+97, Tol94, TO96, UL98, YWS96, Zal97, ZWS98, Bor91a, BLA92a, BLA92b, CYD92, DeV91, DHS91, Dra90, Fig92, Gra90, KG92a, KG92b, KS92, Lay90, Nic93, RS90, SG90, Val90, Zan92a, Zan92b, ZDG95]. **transport-element** [KG92a, KG92b]. **transputer** [BF91]. **Trapped** [GSB+93]. **Traps** [Boy96b, Boy97a]. **Travel** [Ben96, Due93]. **Traveling** [Nic98]. **traversals** [Her90]. **Treat** [ADS97]. **Treating** [NC95, OGS90, OGS91]. **Treatment** [CNG99, Dor99, FC95, FJ98, LM95, kM93a, MLS99, PR93a, RF90, RF91, VC99, BM91a, BM91b, BM90b, BM91c, CNG17, Kal91, Kal92, LBC+93, kM90, kM91, Mao92b, Mao92a, SE90]. **Treatments** [CGA93, LW96a]. **Tree** [Bar90, CDM98, Kho98, Str99a, Str99c, Her90, Mak90a]. **Tree-Based** [Str99a]. **Tree-Code** [CDM98]. **Treecode** [SW94, Mak90b]. **Trefftz** [BR99]. **Trends** [FH97]. **Trial** [BK94]. **Triangle** [Dur91, DEO92, Dur93, Tho97, Win97]. **Triangular** [DS97a, Hei98, HS99b, Hum96b, JV95, LWC93, MK90, PV99, RWW94, Wan97, YMAC99, ZL93]. **Triangular-mesh** [MK90]. **Triangulated** [BS98a, Hui90, Hui91, RS94b]. **Triangulation** [KP98, Mav95, Reb93, Mav90]. **Triangulations** [Löh96]. **Trigonometric** [JBA96]. **Trinucleon** [BD94b]. **TRIPIC** [MK90]. **Truly**

[Oli94]. **Truncating** [YL98]. **Truncation** [HI98, JC92, LT91, LT92]. **Tube** [EOS98, ÖLJ98]. **Tubes** [Bal94a, MD90, VD90]. **tunnel** [XPK90]. **Tunneling** [CCGJ95]. **Turbulence** [AS96, DFN+99, Gho96, HHF95, LZ96, Mal96b, RM93, Sco96, SCG94, Tem96, Wal94, KL92b, Sch90]. **Turbulent** [ARB96, BLG97, CM94, CR96, DW93, DS97b, DE99, EM94, Fis94, GM95a, Gri94, HK95, HS99a, KMM96, KM97b, KMS99, LWS98, MD98, MPPZ96, MJPC99, PVQ97, Pop95, Pri95, PM98, RHB94, SR98, SC96b, Ush96, WP97, Wel98, XP99, DM92c, KHM92a, KHM92b, RM90, RM91, TMR92a, TMR92b]. **Turkel** [NGN97]. **TVD** [AD93, AR97b, HHF95, JP95, JT93, LJG96, Tan94]. **TVD-like** [AD93]. **TVD/AC** [LJG96]. **Twinning** [HRL99]. **Twisted** [Kla96]. **Two**
[AC95, AS95a, ACLW97, Ara97, AD93, BM94, BGB99, BBMB97, Boy98, Bro95, CS93a, CZ98, CMW95, CA93, CM99a, Clé96, Cle97, CEG+97, CDT98, CRRR97, Cra94, DW97, Die95, Dri97, DE99, DA94, Dur93, Eyr94, FAH97, FKM99, FJGP94, FCC97, Gel99, GB97, HBF93, HOS93, HKNT98, Her93, HK94, HSZ+97, HB97, HLL99, IH95, IS96, JH97, Jac99, KKK95, KPC93, LO96, LBB94, LS96, LL96, Lil97, LMB94, MBV93, kM93a, MPG92a, MPG92b, MB97, NMB94, NGN97, Nor98, Pai97, PB98, PBBS95, Pen95, PMR97, PL98, RCA93, RL97, RS90, SH99, Sai95, SH92, SVV98, SBGM92, SM98a, SW96, SSO94, SAB+99, TSW95, TN98, TP97, TO98, TK96, TM93, UWH99, VD97a, Ver97a, Ver97b, VS95, VG92b, VG92a, Wel95, Wel98, Wha96, YWS96, ZHR97]. **Two** [ZZ98, dAT95, AS90, AS91, BRR92, Bar91b, BKM90, Bor91a, BLA92a, BLA92b, But90a, CS92a, Cas90, CKQ+93, DZ91, DP91, DP92b, DP92c, Fig92, Fog92b, Fog92a, yGmC92, GC92, GMCH92, Hor90, Hor91, HL90, HL91, Jac90, KPC92, LHI90, LPvL93, Mak90a, Mao92b, MMS90a, MF92, QR90, RCA92, RH91, Rok90, SC90, SKK90, SKK91, SMR91, VMK91, vdVMK92b, vdVMK92a]. **Two-** [DW97, Gel99, GB97, Bar91b]. **Two-Body** [Cra94]. **Two-Dimensional** [AS95a, ACLW97, Ara97, AD93, BGB99, Bro95, CS93a, CZ98, CA93, Eyr94, FAH97, FKM99, FJGP94, FCC97, HOS93, HKNT98, HK94, HB97, HLL99, IH95, IS96, JH97, KKK95, KPC93, LS96, Lil97, LMB94, kM93a, MB97, NMB94, NGN97, Pai97, PB98, PBBS95, RCA93, SVV98, SM98a, TSW95, TN98, VD97a, Ver97a, Ver97b, VS95, Wel98, Wha96, ZZ98, SH92, SBGM92, AS90, AS91, BRR92, BKM90, Bor91a, BLA92a, BLA92b, CS92a, Cas90, CKQ+93, Fig92, Fog92b, Fog92a, yGmC92, GC92, GMCH92, Hor90, Hor91, HL90, HL91, KPC92, LHI90, LPvL93, Mao92b, RCA92, SC90, VMK91, vdVMK92b, vdVMK92a]. **Two-Fluid** [DE99, TK96]. **Two-group** [VG92b, VG92a]. **Two-Layer** [CRRR97, Die95]. **Two-Level** [PL98]. **Two-Nucleon** [dAT95]. **Two-Phase** [BBMB97, CM99a, CEG+97, CDT98, DA94, Jac99, LL96, PMR97, SSO94, SAB+99, TP97, TM93, Wel95, RS90]. **Two-Point** [AC95, CMW95, Pen95, MPG92a, MPG92b, Jac90, QR90]. **Two-Way** [CM99a]. **Type**
[BT97b, BL93, BO98, BCT98, CS98a, GC95, Gou96a, GKL+96, GS97b, Hub99, KK95, MBF94, MR98, Pri98, Rom97, Sai95, SY97, Shy99, XH98,

Bar91b, BL92, GM92, Kla99, Kle95, KH97, Mar90, Shu92a, Wei92, EMRS91].
Type-II [GKL+96, KK95, Pri98].

Uhlenbeck [FK90]. **Ultimate** [Hir97, vL97c]. **Ultra** [CJ95b, SKR+93]. **Ultra-Low** [CJ95b]. **Ultra-relativistic** [SKR+93]. **Ultrarelativistic** [CM97]. **Unbounded** [HPG98, MM97a, RL97, CW92c, LM90c]. **Uncertain** [DGN97]. **Unconditionally** [GQ97, HLR99, RFL93]. **Unconstrained** [BCM99b, PDS99]. **Unconventional** [KL97]. **Under-resolved** [Bro95, MB97]. **Underwater** [AE98]. **undetermined** [Ram92a, Ram92b]. **Undulatory** [LK99]. **Unfactored** [ZB96]. **Unfolding** [WKMH97]. **Unforced** [PV93]. **Uniaxial** [YP98]. **Unified** [AS95a, AS95b, AS97, BW98, Fuj95, HLL99]. **Uniform** [CS92a, CS93a, JCA97, SB96a, SCM98, BK93, MS91b, MS92b, MS92a, RCA92, RCA93, vBvNW95]. **Uniformly** [HEOC97, HOS93, Shu97]. **Unipolar** [Fen99]. **Unit** [Rea97]. **Unknown** [LL99, Nor95]. **Unlimited** [OG97]. **Unnested** [LS93a, LS92b]. **unpwind** [Tay91]. **Unsplit** [DW97, PLD97, Sal94]. **Unstable** [KO98]. **Unsteady** [AR97a, AR97b, CJM97, DF96, EL96a, EOS98, FH98b, HC97, HF98, JB93, JR96, LEI96, LZS98, MW97, Mar94b, MW94, PBC+95, PH95a, Rig94, SCM98, SK98, Taf95, VM96b, WL93, Xia99, CKQ+93, Dol92a, Dol92b, yGmC92, GC92, GMCH92, HPS92a, HPS92b, MGP91, Ram90a, Ram90b, RKV90, RKV91, SH92, She90, She91, WK96]. **Unstructured** [Abg94, ABLD94, And94, ARB96, CKE99, Fri98, Gil97, Gir98, HK95, Hub99, KJ98, KPP99, LS93a, Löh95, LQK98, LBL98, Mad95, Mav98, Mei98, OS98, OG97, Reb93, SLMS98, Tan94, TPRC96, VM93, Ven95, VM96b, LS92b, Löh90, LA90, SAB95]. **update** [RWC90]. **updated** [KvdVPG95]. **upon** [Ano99-30, CHR99]. **Upper/Approximate** [BNW96]. **Upwind** [CL98a, CEG+97, FO93, FMO98, Li97, LWC93, MRS94, OGWW98, PRL+99, Rav97, Sal94, SMD98, Shu91, Shu92b, Shu92c, SM92, Sto92, TfNW91, TNW92c, TNW92d, Tol94, TL98, VC99, Weg97, ZB96, BY90, BY91, Col90, NSR92a, NSR92b, ST92b, TNW92a, TNW92b]. **Upwind-Biased** [Li97]. **Upwind-Relaxation** [ZB96]. **Upwinding** [Fey98a, Fey98b, GNHP95, HL98, HB97, LP97, LR98, Noe94]. **Use** [BL99, GMS+99, Gou96b, KS94, LPvL93, Mit92, PSL99, PC98, Swi96, Waj93, BS91a, Gre90, HCP93, KKD90, SAB95]. **Useful** [KP97a]. **Using** [ART95a, ART95b, AR93, AMP+98, AIV99, BS99b, BS99c, BH96, BCM95b, BKP91, Ben96, BCM99b, Bru93, CN95, COS+98, CS93b, CM99b, CDW99b, Coo99, CEG+97, CV97, DNN93, DÜ92a, DFFG96, DK98, DE99, GBCA99, GPWZ96, GÖAY95, Han93a, HOS96, Her93, Jac99, oJ95, JR96, KD97, KB96, Knu95, KW93, KLM95, LCM96, LEI96, LW96b, LK94a, LL96, LRW95, Mad95, MD95, MKM99, MS99a, Mat97, MQS95, MS99b, MFZ97, MLBW97, MQS97, MA96, PM93, PGD99, QS98, Rav97, RS99a, RT94, SH99, SK98, SH98a, SCR97, SHF97, SH94, SG98, TLW95, TRL99, WP97, XMP97, YH95, YSD99, ZC94, ZB96, ZMOW98, ZWS98, Bey91, Bey92, BE91, BE92a, BE92b,

BF91, Bru92, BS91b, BS92a, BS92b, DD90, DD91, DÜ92b, ESM98, HWY90, HWY91, HLB94, HHG91]. **using**
[HHG92, HLD92b, HLD92a, HS90, KG92a, KG92b, KL92b, MKM04, Mav90, MW93, PM92, RM90, RM91, SH92, SCMU92a, SCMU92b, Ste92b, Ste92a, SK92, TfNW91, TNW92c, TNW92d, YTS92]. **Utilizing** [CBSW98].

V [Hir97, CS98b]. **vacancy** [MH92]. **Vacuum** [TH96a, Hor90, Hor91]. **Vaguelette** [FS97]. **Validation** [JT99, VY91, VY92]. **validity** [Sch90]. **Value**
[AC95, CLO93, CMW95, DS94, NM95, Pen95, ST97, TKT97, BDR91, For90, Jac90, Or94, QR90, Ram92a, Ram92b, UWSB90, UWSB91, YHW90, YHW91]. **Valued** [PZ98]. **Values** [Fri98, BRL91]. **Vapor** [EGS96]. **Variable** [ABC+98, AIV99, CLD+96, HKM96, KL93, OS98, PAB+97, RFH93, Sak96, SBGK99, Sim93, SR99, XS93, BM92, Ben90, Dar90b, HCP93, KKD90, MH90b, MH91, SV91, SA90b, SA91, SA92a, SA92b]. **variable-density** [BM92]. **Variable-Size** [CLD+96]. **Variable-Step** [Sim93, KKD90]. **Variables** [Dor99, Han93b, LL96, HN95, RP90, RP91]. **Variant** [DHSS94, PQ94]. **Variation** [TO96, Adh92a, Ver91]. **Variational** [Alm93, BD94a, CI97, GLM+90, Lya99, Pri96, SR92b, SR92a, WDE98, ZCMO96, ZMOW98, dAT95, Adh92b, GL95, TLES93]. **Variations** [AS99b]. **Various** [BD93, CE97]. **Varying** [HB95, Ske98, Wri98]. **Vector** [CB97, EL97a, Eye96, GVM99, Knu95, LDB98, RK95, SSW98, Shi93, WONM96, XMJ95, lX98, DLMN91, DLMN92b, DLMN92a, MGP91, Par90, Pri90, Pri91, VM90]. **vector-efficient** [Par90]. **Vectorising** [HCC91]. **Vectorization** [Boy90, Boy91a, Her90, Mak90b]. **Vectorized** [Löh95, Löh90, LA90]. **Vectors** [Bai97, Roe97a, YR93]. **Velocities** [AS99a]. **Velocity** [CJR95, Cle97, DH95, EL97b, EM95, ES93, GN96, GHKH93, Hwa94, JR99, Kla99, MD95, MG96, MM98, NP94, OP97, Pal93, SH98a, ST93, SW99b, TK99, WWW95, Ben90, Dau92a, Dau92b, ES92, GS93, MD90, Nad95, OsKB+92, SV91, ST92a]. **Velocity-Impulse** [EL97b]. **Velocity-Scaled** [SH98a]. **velocity-space** [OsKB+92]. **Velocity-Vorticity** [Cle97, DH95, GHKH93, Dau92a, Dau92b]. **Venant** [Gla95]. **Verlet** [Gre94, Pal93, SW99b]. **Version** [CLO93, RPB99, Sch92b, Sch92a]. **Vertex** [CMM93, KW92, MRS94]. **Vertex-centered** [KW92]. **vertical** [HWY90, HWY91, MD90]. **Very** [LM95, SW96]. **via** [AAP+95, ARV99, ABLD94, Azm99, BH98, BS99d, CG97b, Cho93a, EVP97, GACN93, Gla92b, Gla92a, GNH96, JB95, Kan92, KL92a, Kou96, OP97, SK90, SBKH92, STG+96, YG95]. **vibrational** [GC90]. **Victor** [NP92]. **View** [Dra90]. **View-factor** [Dra90]. **Virtual** [SB96a, ZC94]. **Viscoelastic** [Bot98, HC93, Kup98]. **Viscoplastic** [Sil93, Sil92]. **Viscosities** [AD93, JL96b]. **Viscosity** [ALW94, BL99, Ben96, Bih96, Boy98, CSW98, Cot96, Efr97, Kab96, MM97b, ZWS98, GG92b, MW93]. **Viscous** [AC93, BH96, BLG97, BS96, CM93, Cho97, DNN93, EL96a, EL97a, Edw96a, GG97, GNH96, GQ97, Han93a, HW96, Jac95, JV95, Kop94, KLP94, LQK98,

LKK99, MB99, MG97a, Mav98, Mei98, MB94, Puc97, RG97, RWW94, RH99, SDP97, TZA96, TPL90, Tsy95, VRD99, WK99a, WWW95, Xia99, YMUS99, YG95, BP90, Fis90, GHS93b, HLB94, Har92a, Har92b, Kal91, Kal92, LGC92, MGP91, MM91b, Mav90, Nat92b, PL92b, Poi92, Ram90a, Ram90b, RIW90, Sch92c, SBGM92, SA92a, SA92b, Tay91, TNW92a, TNW92b, UT91, UT92b, UT92a, VMK91, YKM90, vdVMK92b, vdVMK92a]. **Viscous-Inviscid** [YG95]. **Viscous/Inviscid** [AC93]. **Visualization** [Shi93]. **Vlasov** [GRB+95, BGB99, GB90, GBS+90, GBL+92, GBS+93, Her93, Hol96a, KDL+92, KF94, MSF+95, Nun93, SH98a, SRBG99]. **Voiding** [LZG99]. **Voltage** [MQS95, XPK90]. **Volume** [AL97, Ano93m, Ano93n, Ano93p, Ano93q, Ano93r, Ano94m, Ano94n, Ano94o, Ano94q, Ano95p, Ano95q, Ano95s, Ano96p, Ano96q, Ano96r, Ano96s, Ano96t, Ano96u, Ano96v, Ano97s, Ano97t, Ano97u, Ano97v, Ano97w, Ano97x, Ano97y, Ano97z, Ano97-27, Ano98s, Ano98t, Ano98u, Ano98v, Ano98w, Ano98x, Ano98y, Ano98z, Ano99s, Ano99t, Ano99u, Ano99v, Ano99w, Ano99x, Ano99y, Ano99z, Ano99-27, BS99c, BGH+99, CA93, Dur93, FT96, GS97a, GLN+99, Her93, Hub99, KPP99, Kob99, Leb99, LWC93, MW97, Mat97, Mei98, MW94, MG97b, PK94, PS93a, PP93, RK98, Sai95, SLMS98, SBGK99, SC96b, Tan94, WK99b, XMJ95, lX97, ZRR99, vL97b, Ano90i, Ano90j, Ano90k, Ano90l, Ano90m, Ano90n, Ano91h, Ano91g, Ano91i, Ano91j]. **volume** [Ano91k, Ano91l, Ano92e, Ano92f, Ano92g, Ano92h, Ano92i, Ano92j, Ano93o, Ano94p, Ano95r, HHG91, HHG92, HM90, JC92, May92b, May92a, Tay91, TNW92a, TNW92b, Ano99-30, GKG95]. **Volume-of-Fluid** [GLN+99]. **Volume/Newton** [LL96]. **Volume/Particle** [MJPC99]. **Voronoi** [MA93b, Zan91]. **Voronoĭ** [Her93]. **Vortex** [ABC94, Ber95, BLP98, But90b, Cho93b, Cot96, DD95, EB94, GG97, GKL+96, HOS96, KK95, KCJ95, KLP94, Kou97, LSB96, MKM99, MH93, NB98, Nor96, PH95a, Qi93, Rus93, SvD96, Str96, Str97, SP96, WL93, BP90, BLK90, But90a, But91, Cho90a, Cho90b, DZ91, Fis90, HM95, KG90a, KG90b, KG91, LR90, LR91, MKM04, Nor91a, Nor91b, RS94b, SK90, Sch90]. **vortex-tangle** [Sch90]. **Vortical** [RL97, HPS92a, HPS92b]. **Vortices** [Chr97, Zab97, Bar91a]. **Vorticity** [AQ99, CPB96, CM99a, Cle97, DH95, Duk91, DM92d, DM92e, EL96b, EL97a, EP99, ES92, ES93, FC95, GN96, GHKH93, MKM98, MG96, MG97a, MM98, NPC93, TK99, WWW95, But90a, Dau92a, Dau92b, GS93, GMCH92]. **Vorticity-Stream** [EP99]. **Vorticity-Vector** [EL97a]. **Vorticity-Velocity** [ES93, GN96, TK99, WWW95, ES92, GS93]. **Vries** [Boy96a, CK90a, HKR99, KL97, Osb90, Osb91, PO90, PO91, Sch92b, Sch92a].

Waals [Shy99, WKHS97]. **WAF** [BT97b]. **WAF-Type** [BT97b]. **Wakes** [TS96, TSR92]. **Walk** [HB95, Zan99, HCP93]. **Wall** [KMM96, CBL95, MB99]. **Wall-Bounded** [KMM96]. **walls** [AN90]. **Warming** [Cha90]. **Water** [AQ98, BD93, CN95, CLNT98, DZ96, GNHP95, Göt99, HB97, JCHW95,

Luk99, Ma93a, NGN97, Nic98, ÖM95, Pri93, STS98, SP99, TH96a, TS99, TTI97, VC99, YM95, Cas90, Nad95, Ste92b, Ste92a, WDH+92a, WDH+92b]. **Watson** [Reb93]. **Wave** [AHH94, Asl99, BES94, CSW98, CH99, CP98a, CL93, Don94, ETRW95, FEO95, FKM99, FD99, FCC97, GS97a, GSB+93, GP98b, HT95, HPG98, HHR99, KI99, LNR99, LS96, LeV97, LeV98, Leh99, Löt94, Lya99, Nic99, Osc94, Qi93, Ram97a, RF96, SCG94, SK93, Ske98, SDI98, TS96, TS99, WJTP96, Wri98, YGH97, YP98, ZZ98, ZS97, Ben90, BR92c, BR92d, CLJ+90, ESM98, FM92, Fra92, GG90, GG92a, Glo92, Ods90a, Ods90b, WMG+91a, WMG+91b, dFSS92]. **Wave-Current** [FCC97]. **Wave-like** [Leh99]. **Wave-Propagation** [LeV98]. **Wave-Scattering** [CL93]. **Wavecodes** [Sil93, Sil92]. **Waveforms** [BGH+97, BGH+99]. **Waveguides** [Lu99]. **Wavelet** [BK97a, CZ98, EM94, EHM97, FS97, Gar98, GPWZ96, HJ98, RL95, VPS95, VP96, VP97, WA95]. **Wavelet-Galerkin** [RL95]. **Wavelet-Vaguelette** [FS97]. **Wavelets** [EM95, LAE98, PC98, QW93, ZLP97]. **Wavenumber** [Li97]. **Wavenumber-Extended** [Li97]. **Waves** [AQ98, ALW94, BD93, BDC97, Ber96, Boy95b, Boy97b, CLNT98, Clé96, CS93c, DZ96, Duk95, EM95, GRB+95, LML99, Luk99, MML98, Nic98, ÖM95, SD93a, Ber94, BM91a, BM91b, CWG90, CWG91, CKQ+93, Dol92a, Dol92b, GG90, GG92a, Hig92a, Hig92b, QS90, Rob90a, Rom92a, Rom92b, TPL90]. **Wavy** [MB99, SK90]. **Way** [CM99a, Lu99]. **Weak** [Gla95, KB99, ZWS98, Tou92]. **Weakly** [Boy95b, Boy96a, Boy97b, DA94, JSD95, Nak95]. **Weideman** [Boy94]. **weight** [Chi91, Chi92a, Chi92b]. **Weighted** [Fri98, HS99b, JS96, LOC94, NY98, RW96a, RW96b, RSW98, YYCH98, ZB92a, ZB92b]. **Weights** [Yak96]. **Weiming** [Ano99-30]. **Weizhang** [Ano99-30]. **Well** [AGH99, AR97b, BST95, LTE93, Wit96b, Glo92]. **Well-Behaved** [AR97b]. **Well-Posed** [BST95, AGH99]. **well-posedness** [Glo92]. **Wells** [LK94a, LK94b]. **Wendroff** [Oli94]. **WENO** [JcW99, MS99b]. **Weyl** [Noe94]. **Which** [Lub93, FVZ90]. **White** [BK97b]. **Whole** [LL95]. **Whose** [Gou96a]. **Wide** [AE98]. **Width** [GA96, GG92a]. **Wigner** [MH94]. **Wind** [GGP97, SMW99]. **Wind-Driven** [SMW99]. **Window** [FHKZ97]. **Winograd** [DHSS94]. **Winslow** [CI97]. **within** [Bar94, BM91a, BM91b, CP90, MBI+97]. **without** [LO98, Mak99, MG97a, PPBC92, PPBC93, Smo98]. **Works** [Zal97]. **Workstations** [MML98]. **World** [Bry97, Sem97]. **Wormlike** [JVS97]. **Wormlike-Chain** [JVS97]. **Wright** [Ske98].

X [Par90]. **X-MP** [Par90].

Yukawa [BFO99].

Z [AFH94]. **Zag** [CSZ97]. **Zakharov** [CJ94, Gla92b, Gla92a]. **ZD** [TAD92b]. **Zernike** [LPMS94]. **Zero** [SBGK99, KDL+92, RG90]. **Zig** [CSZ97]. **Zig-Zag**

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