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(γ, n) [MY73]. $(z - p^2/2m)^{-1}$ [HRY73]. 10 [Ano72d]. 11 [Ano73a]. 12 [Ano73b]. 13 [Ano73c]. 14 [Ano74e]. 18 [Ano75c]. 19 [Ano75d]. 2 [BD79]. 20 [Ano76b]. 21 [Ano76c]. 22 [Ano76d]. 23 [Ano77b]. 24 [Ano77c]. 25 [Ano77d]. 26 [Ano78c]. 27 [Ano78d]. 28 [Ano78e]. 29 [Ano78f]. 30 [Ano79b]. 31 [Ano79c]. 32 [Ano79d]. $40 < Z < 90$ [Ban73]. 5 [Ano70a, MN74]. 6 [Ano70b]. 7 [Ano71a]. 70 [DGH73]. 8 [Ano71b]. 9 [Ano72c]. ^{3} [DGH73]. $_2$ [PPS74]. B [AK72, Dav78]. χ [SG79]. $\delta(\mu - \mu_0)$ [HBH78]. $E_1(x), x > 0$ [SZ77]. γ [Chi71]. H [EJK$^+$73, Nes71]. $I_n(x + jy)$ [Sca71]. $\int_0^\infty t^n \exp(-t^2 - x/t)\, dt$ [CP79a]. $J_n(x + jy)$ [Sca71]. $K_{i\zeta}(x)$ [BO75]. L^2 [HRY73]. $m^\dagger(h - \epsilon)^{-1}m$ [Nes71]. μ [PPP76]. N [AC73, MC76, Mil70b, RSM70, Ves77, FJ71a, Mil71b, Mor78, RCB77, Str77]. P [GW78]. ϕ^3 [HH77]. Q [Vie73]. S_2 [AHMB74]. S_4 [AHMB74]. S_n [AHMB74, SB73]. $\sigma\nu$ [CMM$^+$78]. $\times$ [MN74]. $V(a, x)$ [RL76].

-algebra [Chi71]. **-alkanes** [RCB77]. **-body** [Mil71b, AC73, Mil70b]. **-D**

[BD79]. **-dimensional** [FJ71a, RSM70]. **-molecules** [PPP76]. **-particle** [Mor78, Ves77]. **-splines** [Dav78]. **-Wave** [GW78].

12-6 [RNP75].

2-D [For77b].

360 [Ama77, Col74].

60 [Tem79a].

A. [Saf78]. **Abel** [Bru73]. **abnormal** [WL71]. **absorption** [CW76]. **Accelerated** [CGR72]. **Acceleration** [Nis72, GT78b]. **accelerator** [JD70]. **Accuracy** [Hof73, Kov70b, Abr75, iCS78, DGH73, GM79a, Ng74, OS70, Rus70, SC79, Ste79a, Ste75, TAG76, WH74]. **Accurate** [Coh78, Kni76, Thi78, Abr73, Ada77, BJ79, Dic72, EGZ72, Gaz73, Gaz75, HZ79, Hau79, Hir75, MM73, MM74, OS74, PR72, SZ77]. **acid** [MS70a]. **acoustic** [BMP+72, CC79a, CT77, FM78]. **adapted** [Ben79]. **adaptive** [Lep78]. **Addendum** [Ano72a]. **additional** [Bel75]. **ADI** [HD74, She79, Smi75b]. **adiabatic** [BNGF73]. **adjoint** [CHS78, HL75]. **adjusting** [HZ72]. **Adjustment** [WGS72, WS73]. **admittance** [Blu71a]. **adsorption** [RNP78]. **advection** [KB79a, MB77]. **advective** [GL76]. **aerodynamics** [Bel70]. **aide** [Lav73]. **Airy** [SAG79]. **albedo** [HSM74, KSV70, Shu73]. **Alfvén** [BV76]. **algebra** [Chi71]. **algebraic** [Ixa72]. **ALGOL** [Tem79a, PKPR72, RB71]. **Algorithm** [MS78b, Mor78, Nes65, SAG79, Tem79a, AAL79, AW74, BS79, BW76, BB73, BKL75, BP73, Cha76b, CT77, CC79b, Fri78, GL76, HJKS78, HP78, Kal76, Lep78, Les73, Nis72, PKP79, Pex76, PB76b, Raf79, Raj73, SL72, Sha70b, Two75]. **Algorithms** [Chi71, Per78, Tem75b, BL73, BB76, Eas75, Han72, Lan73, Lew72, MC78, Run75, Zal79]. **alkanes** [RCB77]. **almost** [BP73, NR71]. **almost-Lagrangian** [BP73]. **along** [Bel75]. **Alterman** [BL78]. **Alternating** [LK73, Gus71, NC71]. **alternative** [Ben79, VW77]. **Ambartsumian** [Cor75]. **ambipolar** [Fre73]. **amplitude** [CS70, Dal77]. **amplitudes** [CP76, dAPM77]. **analog** [PPP73, PPP76]. **Analysis** [Gil72, Lan79, VT77, ABGR75, BR71a, Bus75, CC79a, CH70, CH73, CLS78, DG76, Dow70, Eis78, EJK+73, Fle73, GJ73, Han72, HLB79, Ixa72, JN71, Jon79, KB79a, KDS79, KL76, MPB73, MS70b, PF74, Pes77, PMB73, SV76, SK78, SS78, Sto77, Tak76, VP75, WH74, WO75]. **Analysis-of** [VT77]. **Analytic** [Bun71, Bun73a, FH74, OCS72, BBA73, FPW73, Ter79a]. **Analytical** [AHMB74, Sha70a]. **analyzing** [TR76]. **angle** [Dav79b, Hol77]. **angular** [BB71, MBM76, PL70]. **anisotropic** [And75, CS76, HK72, KSV70, MN73, Shu73]. **Announcement** [Ano72b, Ano74a, Ano74b, Ano75a, Ano76a, Ano77a, Ano78a, Ano78b]. **Announcements** [Ano79a]. **annular** [MS79b]. **annuli** [Sch75b]. **annulus**

[Quo76b]. **any** [CP75, TTM74, TTM77, Wil78]. **Appearing** [Squ70, GL77]. **Application** [AKK70, FRT79, MC76, Pex76, RL72, SOH72, Ste78b, Tak76, TM70, BL72, Chi76, DE70, ER74, HU74, KDS79, MB77, MGRK73, PH78a, Pfe79, SE76, Ste76a]. **Applications** [Lyn76, Bal76, Cho77, Smi75b]. **applied** [AM79, AG75, Bak79, DT77, Gar76, GH73, HH78, HD79, Jon79, PPP73, Sul72, Tak71, Two75]. **applying** [Wei78]. **approach** [ABGR75, BLV76, Ben79, BMP73, BMP+72, CS77, Cri77, GA72, GM79b, KB77, MPS75, ML73, Mor70a, Pev71, PS72, PB75, Sam71, SBD75, Smi75a, Tro76, Van77b, WH74, ZG73]. **approaching** [Bey71]. **approximants** [FPW73, Gru79]. **approximate** [SS71]. **Approximating** [KP76]. **Approximation** [Squ70, Cam72, CJ74, Cho78b, Chu71, FJ71b, Fos73, FO73, GW73, Hai79, Har76, TG77, Unc74]. **approximations** [Bal76, BG70, Chi74, Chi75, CGR72, CR75b, FGW73, GH77, GM79a, Lew70, OJ74, RB77, Ste76b, WO75, Wil71a]. **Arakawa** [Jes74]. **arbitrary** [Cha75, CC70b, DS75, FB76, HAC74, RS72b, Sca71, SS76, TTMW77, TI79, TTM74, TTM77, WJW78]. **areas** [Bud79]. **Argon** [RNP75]. **argument** [dAPM79, Sca71, de 77]. **arising** [All70, Ede73, KH75a, Lon72, SH71b, Voj73, WB77, Wim78]. **Aron** [Sun75]. **article** [Chi74, Voj73]. **articles** [Ano78i, Ano78j, Ano78k, Ano78l, Ano78m, Ano78n, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j, Ano79k, Ano79l, Ano79m, Ano79n, Ano79o, Ano79p, Ano79q]. **artificial** [GK79, Lut71, Roa72, SG79, Str78, Whi73a, Whi73b, Whi74]. **aspects** [AS72]. **assemblies** [KB71]. **assessment** [SGP76]. **associated** [Cam71, Chi75, Mor70b, Mor71]. **Asymptotic** [HK76, Kaz70, AH73c, CS76, Che71a, ON73]. **atmosphere** [Kan76, MB77, MY71]. **atmospheric** [WS78]. **atom** [FRT79, HP75, LNRY73, Smi75a, TO79]. **atomic** [Bru74, CP75, CFU74, Jos71, Mil74, ML73, Per75, WGS72, WS73]. **atomic-like** [ML73]. **atoms** [Ban73, Bur78, Fro78]. **attainment** [FR77]. **attempt** [CP71]. **Author** [Ano70a, Ano70b, Ano71a, Ano71b, Ano72c, Ano72d, Ano73a, Ano73b, Ano73c, Ano74e, Ano74c, Ano74d, Ano75b, Ano75c, Ano75d, Ano76b, Ano76c, Ano76d, Ano77b, Ano77c, Ano77d, Ano78c, Ano78d, Ano78e, Ano78f, Ano79b, Ano79c, Ano79d, Ano79e]. **Automated** [CF78a, RT79b]. **Automatic** [PKPR72, Sas76a, SS79, TTM74]. **Automation** [HH77, Ros74, Ros76a]. **Average** [Ban73]. **averaging** [SW76]. **axial** [Pac74]. **Axisymmetric** [And75, BKM73, Coh76, GJA79, GJ73, GJ75, Gru78, Hof73, JJGG78, JDG+79, MS74]. **azimuthally** [HSM74].

Ball [War79]. **Banach** [Mor79]. **baroclinic** [Kan76, MP77, Quo76b, Yee72]. **barotropic** [Cro70a, Cro70b, Kan76]. **based** [Gaz73, Mil70a, Mor79, Run75]. **basis** [AMHH73, Dav78, ED74, FB76, KP76, PS73, PH78b, Rei74a]. **beam** [BTS79, WSW78]. **beams** [WJW78]. **bedrock** [Båt78]. **behavior** [Foo73, Kaz70]. **behind** [Pat78]. **bell** [TM70]. **bell-shaped** [TM70]. **belts** [Dav79b]. **BERKELEY** [LBM+78]. **Bessel**

[BO75, MB71, Sca71, Tal78, Tem75a, Tem76, Tem79a, Wil71c, de 77]. **beta** [And75]. **Bethe** [Fle73]. **between** [Che71c, DS78, HW75, Hof74, LM73, dAPM79, VW77]. **bicharacteristics** [CH73]. **biharmonic** [GM79b, Jac73]. **binary** [TA77, WCK71]. **binding** [PPP73]. **biography** [BL78]. **birefringence** [Net71]. **Blasius** [WB77]. **blended** [Cav75]. **Bloch** [Kal76]. **block** [BE76, DMWV75]. **block-implicit** [DMWV75]. **blood** [Pes77]. **blunt** [JPC72]. **bodies** [Bra76, BMP+72, Chu70, PL75, TM70, TTMW77, TTM74, TTM77]. **body** [AC73, BWSE76, JPC72, Kno75, Lav73, Mil70b, Mil71b, OFM71, Sco79, TTMW77, TTM74]. **body-fitted** [TTMW77, TTM74]. **boiling** [Ste79b]. **Boltzmann** [SK77, Taf76]. **Boolean** [Les73]. **Borel** [Gru79, Wim78]. **Borel-type** [Gru79, Wim78]. **born** [Ste76b]. **both** [Sca71]. **bottleneck** [Ben72]. **bound** [BLV76, CR75b, Lav73]. **boundaries** [ML77, SW70]. **Boundary** [CS74, CB71, GT78a, GM79a, GK79, Hau79, Rid79a, Sun75, Ada77, AW74, BJ77, Bos70, BGP73, BL72, CK71, Ceb79, CKW79, Cel76, Che73, Chi75, CN75, Cho78b, CF78b, Dav73, DL72, Det79, Dic73, Eas72, FRSW79, FPM76, Gar78, GH77, Gus80, Hai79, HP76, Hed79, HD79, JB75, Jon73, KC72, KH75b, LC72, Lin77, Lin75b, MS78a, MAT74, NTK79, NG72, NR79b, NH71, Orl76, PB76b, Quo76a, Roa70, RS72a, SS76, Slo77, Smi74, SS79, Tay70, Thi78, TTM77, TR76, Tro76, Tru72, WM72, WH75]. **Boundary-distribution** [Rid79a]. **Boundary-fitted** [Hau79, TTM77]. **boundary-layer** [CK71, CKW79, KC72]. **boundary-value** [Chi75, Det79, MAT74, NG72, NR79b]. **bounded** [DD79, HG79, Vie71]. **bounds** [RSM70]. **box** [FRT79, LS76]. **branching** [KH75a]. **Brandow** [Kal76]. **bremsstrahlung** [MY73]. **bremsstrahlung-produced** [MY73]. **brickwall** [Bey71]. **Brillouin** [HMB73, Hol77, LH72, Sin72]. **Brillouin-zone** [LH72]. **Bubble** [Gaz70, LWH78]. **Bubble-chamber** [Gaz70]. **buckling** [AKK70]. **bundles** [Mey75]. **Burgers** [CG77].

C [Sun75]. **Cagniard** [Abr78]. **Calculating** [Dav79b, HC72, NH73, Pra75, Bai78, BK73, Cha76a, DIC79, FC71, Gil72, God79, HCB70, HN70, HP78, PB75, Pra71, Rit70, Ste70, WCL78, Wil70]. **Calculation** [And71, Bel75, BS70, CM73, CS76, DS75, DS78, Fel74, Ore73, Ste79b, Wei78, Abr73, Bar73, Bro79, BK76, CZ79, CCQ78, Cho78a, Cri77, Cri78, Dav75, Ein76, GL77, HA71, HA75b, HRY73, JCM74, Kau72, Kau73, LR74, McD74, MS77, Mil70b, OS70, OFM71, Per78, PCJ76, PPP73, PPP76, Pop78, RL76, RDW74, RT79b, RG75, RNP75, SBPH73, Shu73, Sni72, Ste79c, Vie73, War78, WK79, WL71, ZG73]. **Calculations** [WSW78, AH70, Bar70a, Bas72, Bee76, Ben72, BS73, CKW79, Cho71a, Cla73, DGH73, FR77, Fin78, Har71, HA74, HAN76, JE74, Joh73, Lad71, LK73, MT78, NH71, OCS72, PT75, PL70, RB72, RNP78, RK77, Tol75, TAE73, Yos73]. **Campylotropic** [AS78]. **Canonical** [God75, Ros71, RNP75, RNP78]. **capacitance** [CM73]. **capacitor** [CM73]. **capillary** [Bro79]. **Carlo** [Bir71, Ben76, BL75, BKL75, BW79, CD78a, CHS78, Che71b, Cho71a, Cho71b,

CM76b, FC71, FLRZ71, Gil78, GS71, HLM+76, HP78, KK75, Kno75, MH79, Mat70, MT78, RR70, RNP75, RNP78, TO79, TV77, VW77, WK79, WL71]. **Cartesian** [AMHH73, MS78a, MD78, RCB77]. **cascade** [Eis78]. **cascades** [Kor78]. **case** [BBA73, Det79, Ros74]. **Cashion** [Dic73]. **catalytic** [EGV78]. **Cauchy** [LM74, TI79]. **Cauchy-type** [TI79]. **cavitation** [LWH78]. **cavity** [BD79, BD73, God79, Quo76a]. **Cebysev** [EEJ79]. **cell** [Bak79, HAN76, HR74, LSW72, SS71]. **center** [BS73, Bot70, CFUW74, JKAR77, MPS75, PS76, RT79a, SK75, Sha70a]. **Centered** [LS76, Bel75, Van77a]. **centering** [For73]. **centerline** [GJA79]. **certain** [CD78b, NG72, SL72, SW75]. **chains** [FD79, JD74]. **chamber** [Gaz70]. **Chandrasekhar** [Cor75]. **changing** [Per78]. **channel** [Mud76]. **channels** [Sch75b, Ste79b, Tol75]. **characteristics** [Cho73, GH77, Hof73, SV76, Van73]. **characterized** [MAT74]. **charge** [DS75, Kus73, MWW76]. **Charged** [AL76, Abr72, BTS79, MR73]. **charged-particle** [BTS79]. **charges** [Bel75]. **charmonium** [CS78]. **Chebyschev** [RB77]. **Chebyshev** [CCV72, HZ79, Hai79, PB76a, SL72]. **checking** [Ore73]. **chemical** [Ede73, Gil76, TAE73]. **chemically** [CH73, Wes78]. **chemistry** [AF79]. **Cherenkov** [God74]. **choice** [Cho76, Cho77, CP79b]. **Cholesky** [Ker78]. **Cholesky-conjugate** [Ker78]. **Choosing** [VW77]. **Chorin** [Saf78]. **Chu** [Sun75]. **CI** [LBM+78]. **circuit** [BTS79]. **circular** [Bea71, Ceb79, Ken70, Pat78, Raj73]. **circulation** [HW75]. **circulations** [Cro70a, Cro70b]. **class** [Bru73, Cam72, CJ74, KB77, MM73, MM74]. **classical** [Ama77, Bru74, Col74, Sti71, Van74]. **clausing** [Cho71a]. **close** [AYMS71, Ale76, Bey71, ML71]. **close-coupled** [Ale76]. **close-packed** [AYMS71]. **closed** [RS76]. **cloud** [Bak79]. **clustering** [SS79]. **clusters** [Sto78]. **CNDO** [JCM74]. **CO** [PPS74]. **code** [BTS79, Bur78, BNPLD77, BK78, Dev74, HMR77, LTD79, OFM71, Sho78, TA77, TTM77, Whi79]. **codes** [CS74, CB71, God74, God75, Ste77b, Sun75]. **coefficient** [Dea71, Det79, HW75, Sal77, Sni72, SS71]. **coefficients** [Bel75, Del74, GW78, GW73, SS71]. **Cohn** [McK71]. **Cold** [Ros74]. **colliding** [Bra76, GDZK70]. **collision** [BL75, Hoc71, MS79b, TA77]. **collisional** [RD75]. **collisionless** [Lew72, Taf76]. **collisions** [Ale76]. **collocation** [Lau71, Rea70]. **columns** [AKK70]. **combination** [RS72a]. **combined** [vL74]. **combustion** [LC72, Wes78]. **Comment** [Cel76, Gus80, Win78, Cho78a, Saf78]. **Comments** [Bir71, Yee70]. **common** [dAPM79]. **commonly** [Roa70]. **compact** [Ada77, CLW78, Hir75]. **Comparative** [CGG+78]. **Comparison** [BEH76, Dic73, EJK+73, MKS77, RDW74, Ste77a, Tan79, Two75, Win78, And74, CCV72, CM76b, DM79, EJ73, GM70, LSW72, LN75, Wil71a]. **Comparisons** [DC74, Tem79b]. **compensation** [Sha72]. **Complex** [SAG79, HG79, KS73, Pfe79, Rig79, Sca71, TI79]. **complicated** [ML77]. **composite** [HU74]. **compound** [NR79a, NR79b]. **compressed** [FT77, NRH71]. **compressibility** [LL75]. **compressible**

[BM77, Fle79, FE72, JB75, KW72, PR72, Raj73, SGP76, Van77a]. **compression** [BTS79]. **Compton** [SB73]. **Computation** [AK72, Cam72, CJ74, Che70, FK77, Lap71, Mos70, Pat71, PH78b, Sco79, Tem79a, TLM73, Abr72, AH73c, BM79, BJ77, Cho71b, CF78a, For73, FH74, Fox77, Gaz73, GL77, KV76, MN74, OB79, Ryb70, SFG71, TM70, Wal75, WB77, Wim78, ZR73]. **Computational** [iCS78, BNGF73, Che73, FE72, Gar74, GJA79, Lin75a, Lin77, MC76, SW76, SC79]. **computations** [CM76b, GM79a, HZ72, MH79, QB73]. **compute** [Gru78, Sca71]. **computed** [Job78]. **Computer** [CF76, Cum75, DD79, JN71, MC78, Aha72, BBA73, BK71, Blo73, CP71, CH70, CS70, FJ71a, Fle73, Hoc71, HGE74, Hof74, JD74, Lin70, Ore73, Ros71, Sto78, Sto77]. **computer-simulated** [Lin70]. **Computerized** [Boy74]. **computers** [EEJ79]. **computing** [Bud79, CMM$^+$78, EGZ72, Fre73, HAC74, Jen78, Pra75, TO78, Vie71]. **concept** [DE70]. **concepts** [Bru74]. **condensed** [HG79]. **condition** [CB71, HP76, Lin77, McK71, Orl76, Roa70]. **conditions** [Ada77, Bar78, BGP73, Che73, CS74, Eas72, Gar78, GH77, GT78a, GK79, Gus80, Hed79, Lin75b, McK71, NTK79, NH71, Roa70, SS76, Slo77, Sun75, Tay70, TR76]. **conductances** [Mos70]. **conduction** [Jon79]. **cone** [Dav79b]. **cones** [HN70]. **confidence** [Joh76]. **configuration** [Ben79, Bey71, CK76, Emp70, PH78a, Ste78a, Yos73, LBM$^+$78]. **confined** [BKM73]. **conform** [WGS72]. **conformal** [VT77]. **conformation** [Cri75, Cri77, SFG71]. **congruential** [HR78]. **conical** [Chu70]. **conjecture** [HL76, Ise73]. **conjugate** [Ker78]. **connected** [VT77]. **Conservation** [Lin75a, PW70, Ros76b, Vin74, BW76, CR78, MM73, MM74, Mey75, Sod78, vL74]. **conservation-law** [BW76]. **conservative** [AG72, Van77a, Van77b, Wei78, vL74, vL79]. **conserving** [KB79a, Lan73, Lew70]. **consistent** [BNPLD77, JCM74, Kus73, PT75, Ste70]. **constant** [Bel75, Det79, LL75, TAE73]. **constant-coefficient** [Det79]. **constant-gain** [TAE73]. **constants** [Mos70]. **constitutive** [Gat75]. **constrained** [Two75]. **constraints** [CP74, RCB77]. **constructing** [Fos73]. **Construction** [BDF78, Yos73, CM76a, Fin79, PT73]. **containing** [Coh78, CC70b, TTM74, TTM77]. **containment** [WJD70]. **continuation** [FPW73]. **Continuous** [PPP73, PPP76]. **Continuum** [RT79a, And71, Bot70, PS76]. **CONTOR** [RS72b]. **Contour** [Har71, ZHR79]. **contours** [RS72b]. **contracted** [PH78b]. **contraction** [GL78, Sni72]. **Contribution** [Job78]. **contributions** [FD79]. **convection** [DR79, HD74, LS76, PW70, ST76, Van77b]. **convective** [FE72, For77a, Gaz73, Men74]. **conventional** [Ben79]. **Convergence** [And78, CF77, Rig79, BD79, BDPH76, CGR72, Ise73, Nis72, SW75]. **convergent** [Kaz70, Run75]. **conversion** [GW78, Sal77]. **converter** [EGV78]. **Cooley** [Dic73]. **Coordinate** [GO77, HU74, And75, Cla77, Cla73, Eis78, Eis79, GCS75b, Raf79, TTMW77, TTM74, TTM77, Vin74]. **coordinates** [AS78, Cla73, Cri78, GJA79, GJ75, Hau79, HB77, Mey75, PT75, Pop78, PT73, WGS72]. **core** [Che71c]. **cores** [KK75]. **Corner**

[WM71, SAK75]. **corners** [GW78, Rid79a]. **corrected** [BBH75, BB73, BB76, CC79b, Zal79]. **Correction** [Sni72, Stu78]. **corrections** [AF79, CP71, RNP78]. **corrector** [Hud72]. **correlation** [Ama77, Col74, KV76]. **Correlational** [Ama77, Col74]. **Correlations** [Blo76, PL70]. **corresponding** [Dav75, SBPH73]. **Couette** [GH73]. **Coulomb** [Bel75, Bot70, DS75, dAPM79, Stu78, Tol75, War78, Wil71c]. **Coulombic** [FD79]. **coupled** [Ale76, All70, BMP73, Gil76, Hat70, MdVD73, Smi75a, Tol75]. **coupled-channels** [Tol75]. **coupling** [SOH72]. **covariance** [Kov70a]. **covered** [MR71]. **Cowell** [Van74]. **Crank** [CCV72]. **creep** [And73, Pra71]. **creeping** [BBA73, ST76]. **Critical** [MPS75, WCK71]. **cross** [CM73, MY73]. **crystal** [Bel75, Blo73, Bud79, Flo77]. **Crystalline** [MS70a]. **crystals** [CC79a, CCQ78, MC78, Net71, PB75]. **cubic** [Bel75, CS73b, Fle74, FK77, HMB73, LH72, Net71]. **cumulative** [Fos73]. **currents** [Har78]. **Curve** [Che70, Squ70, Jen78, Pat71, SC72, Sul72]. **curves** [Job78]. **Curvilinear** [Lau79, AH73a, Bar70b, HB77, Mey75, PT75, TTM74, TTM77, Vin74]. **curvilinear-orthogonal** [Mey75]. **cyclic** [Det79, Tem75b]. **cylinder** [Ceb79, Ken70, LR74, Pat78, Raj73, RL76]. **cylindrical** [AG72, Bur78, CO77, Cor74, GJA79, Hew74, HP78].

D [BD79, For77b]. **damage** [Cha73]. **damped** [BDPH76]. **data** [Ben76, BNP78, Fos73, KL76, Kov70b, Mac73, SC73, TG77, WGS72, WS73]. **Davidson** [BK76]. **Dawson** [GL76]. **de-Vries** [GM76]. **decay** [Bun78, PL70]. **decaying** [Fre73, Vie73]. **Decomposing** [MS78b]. **deconvolution** [ER74]. **defects** [Ama77, Col74]. **definite** [RLT78, SL72]. **deformation** [And73]. **deformed** [AMHH73, ML71]. **degraded** [JP78]. **degree** [Ste76a]. **degrees** [FS73]. **delay** [RLT78]. **delta** [HBH78]. **densities** [AMS73]. **density** [ASM71, Bey71, Bud79, CT77, LL75, RB77, RG75, Tak76]. **dependence** [OU78, RR70, HR78]. **dependent** [FC71, Gil78, GT78a, GK79, HSM74, HPZ78, JJGG78, Lin75b, Mar78, Mud76, Pac74, Pre78, RB72, SGP76, Wat75, Zin73]. **Depolarization** [Stu78]. **derivation** [Ros74, Ros76a]. **derivative** [Gaz75, Joh73, War79]. **Derivatives** [Tem79a, And78, CM76a, Gaz73]. **descent** [KB77]. **describing** [EGV78, Kan76, KW72, Unc74]. **design** [Kor78, MC72, Sas76b]. **designed** [LBM$^+$78]. **Determination** [Dic72, FJ71a, HF71, dAPM79, WCK71, de 77, CS77, JDG$^+$79, KC72, MS70a, Ter79a]. **determining** [McK71, SK72]. **Development** [Chu71, GW73]. **device** [JD70, NG72]. **devices** [AK72]. **DF** [PPS74]. **Diagnosing** [Bun78]. **Diagnostic** [Cur70]. **diagonal** [HR74]. **diagonalizatio** [Pos73]. **Diagonalization** [Nes65, BH78, Sch70]. **diagrams** [CH70, JN71, Kal76]. **Diatomic** [Sch70, Bas72, Bir77, VP75]. **dielectric** [CW76, KB71, Ros76a]. **Difference** [Chi70, Ste79a, Ada78, Ant79, BW76, BM70, CC79a, CFU74, CFUW74, CC70a, Chi76, Chi74, Chi75, Chu71, CS74, CR75b, DIC79, DC74, DT77,

Dic73, FMW76, For77a, GA72, Gar74, Gar78, God79, GT78a, Gus80, HL75, HH76, HS76, HR74, Hir75, HB77, Ila78, Lau79, Lip77, Mas73, McK71, OJ74, PS70, PW70, Quo76b, Rus70, Sas76b, Sch75a, Sch75b, SS78, Sod78, SGP76, SW75, Ste75, Sun75, Thi78, Tru72, TAG76, Van74, Van77a, Van77b, WH74, Whi70, Wil70, Wil71a, Yee76, Zin73, dR72, vL74, vL79]. **differences** [Ben76, CG76]. **differencing** [Gaz76, Hir75, LS76]. **Differential** [BKC72, All70, Ant76, Ant79, AHMB74, BG70, Bud79, BMP+72, Bus75, Cam71, Cel76, CD78b, CF78b, DG76, Ede73, GH70, HLRP78, HPZ78, Hym77, JSK72, KB79b, KDS79, Le 72, MPB73, PMB73, PH70, RB71, Ros76b, Sco73, SC72, Slo77, SB79, SS79, Ste77a, Van70, Whi79, WH75]. **differentiation** [SK74b, Tak71]. **differentiator** [Eva79]. **difficult** [Dav77]. **diffractive** [War79]. **diffuse** [Ryb70]. **diffusion** [BK78, CS76, Dav79b, Fre73, HL75, KDS79, LS76, Mar75, OA78, PF79, SG79, SS71, Ste71, WS78, WL71, YL72]. **Diffusively** [Quo76a]. **digital** [EEJ79, Gaz70, RLT78]. **dilute** [Aha72, OS70]. **dilution** [Mos70]. **dimension** [FB76]. **Dimensional** [Sto77, ASM71, AB77, BR74, BJ77, BJ79, Bri74, BGL74, BK78, CO77, Cho73, Dav78, DG77, Dic73, EH74, FRSW79, FR77, FJ71a, FO73, FRRT78, GS77, God79, HMR77, HC72, Hoc71, Lar78, Lau79, LN75, LK73, MH79, McD74, MB75, MS77, MS70b, NR71, NC71, NH73, O'B69, PR72, Pra75, Rid79b, RL72, RS72b, RSM70, SK75, SA73, Sch75a, SK78, SG77a, SG77b, SG78, SB75, Sni72, Str78, TTMW77, TTM74, TTM77, Tru72, WCL78, Wei78, Yee70]. **dimensions** [AG76, Bar70a, Blu71a, CH73, DIC79, HH77, Lad71, Str77, Vre79, WE77a, Wil70, ZHR79]. **dipole** [KDR73, MC78, SOH72]. **Direct** [Bir77, GM79b, KH75a, Swe73, Tem79b, WE77a, BLV76, DG76, LM74, O'B69, RDW74, Sch70, SS76, Swa74, Yee70]. **direct-numerical-integration** [RDW74]. **direction** [Bel75, Gus71, LK73]. **directional** [CM76a, NC71]. **Dirichlet** [KR71]. **discharge** [Bus75]. **Discontinuous** [WO75, BJ79, HH78]. **discrepancy** [BW79]. **Discrete** [Den74, LG74, Cho78a, HJKS78, ML77, MS77, Mil70b, Nic75, PT73, Sam71, SB73, Swa74, Tem79b]. **discrete-variable** [Sam71]. **Discretization** [CB73, Moc76, Sch77]. **discretized** [Cha74]. **discs** [Che71c, CW76]. **disk** [Hoh72, LSM71, LM73, Mil76, Sti71]. **disks** [Hof74, KB71, ML71]. **Dispersion** [Chi75, Lin70, Can73, Job78, Mor70a, Rei74b, Ros74, Ros76a]. **dispersive** [AM79, Sch77]. **displacement** [Ics70, OU78]. **dissipative** [MM74]. **dissociating** [Bir77]. **dissociation** [Mos70]. **Distance** [Cri77, Cri78, MPS75]. **distribution** [AAL79, BK73, CMM+78, Dav79b, DL72, LL75, MN74, OS74, Rid79a, SB73, Sti71, WK79]. **distributional** [Fos73]. **distributions** [DS75, Fri71, Jam77, MWW76, Shu73, TV77, Two75, Wil71b]. **divergence** [Gra76]. **diverse** [BH72]. **domain** [Chu71, MPB73, PMB73]. **domains** [VT77]. **dominance** [HR74]. **Double** [Sca71, WO78]. **double-minimum** [WO78]. **doublet** [JCM74]. **doubly** [VT77]. **downstream** [Hai79, Roa70]. **drift** [SW79]. **driven** [Cro70a, Cro70b, DC74]. **drop** [Foo73]. **duct** [MC72].

ducts [Bri74]. **due** [Oku72, Sho78]. **DuFort** [Lip77]. **during** [HCH72]. **dynamic** [Abo78, CS74, Cla77, GS78, GJA79, Sun75, YK71]. **Dynamical** [JJGG78, Boy74, FS73]. **dynamics** [Aha72, Bee76, Ben75, DR79, Fin78, Har71, HA71, HAN76, HCB70, KB71, KV76, KL76, Lar78, LR78, Lut71, MGRK73, Mas73, QB73, RCB77, Ves77, ZHR79].

Earth [Dav79b]. **economical** [GW73]. **Eddington** [PS70]. **eddy** [Dea71, HW75]. **edge** [RL72]. **effect** [LSM71, Sch77, TR76, ZR73]. **effective** [Owe71]. **Effects** [Lan70, AMI75, CLB74, Den74, GW72, GDZK70, RD75, RVD78]. **efficiency** [Gar74]. **Efficient** [Ben76, CM76a, KL76, SFG71, CCQ78, CP74, FLRZ71, Kni76, MN74, OS70, Yee72, Yee76]. **Ehrenfest** [WL71]. **EI-Gendi** [Ste78b]. **eigenfrequencies** [LS78]. **eigenfrequency** [SK72]. **Eigenfunctions** [BB71, Slo77, Sch70, Sod77]. **eigensystems** [And78]. **eigenvalleys** [Sca73]. **Eigenvalue** [BS70, Ant76, Ant79, BH78, BGP73, Dav77, Dic73, GH70, KS74b, NR79a, Raf79, Run75, Sco73, SB79, SK74b, Tru72, TT78, Was72]. **Eigenvalues** [Sod77, Bai78, BK76, Dav75, Dic72, Gas78, Har76, KS73, MAT74, Nis72, Rig79, Sha70b, SBPH73, WB77]. **Eigenvector** [BS70, BH78, ER74]. **Eigenvectors** [Fel74, BK76, CS77, Dav75, Emp70, HF71, Nis72, Sha70b, SBPH73]. **Einstein** [Pac74]. **elastic** [Abo78, Bal76, BMP+72, Chi70, Ila78, KK75, LSM71, OU78, RDW74, Sam71, WO75, Whi74]. **elastic-plastic** [Sam71]. **elasticity** [BR74]. **electric** [FRT79, HL75, SH71b]. **electrodynamics** [FH74]. **Electromagnetic** [Mil71a, BL73, Chi71, CW76, God74, Lew72, Ste77b]. **electron** [Cha76b, Dow70, ED74, Fro73, HL75, HP75, Jos71, KS74a, LNRY73, MD78, Per75, PH78b, RT79a, Smi75a]. **electron-atom** [LNRY73, Smi75a]. **electron-ion** [Smi75a]. **electronic** [Ban73, CFUW74, FJ71a]. **electrons** [BKM73, SB73, WSB74]. **electrostatic** [LN75, MC76, Ore73, VT77]. **element** [ABGR75, BS79, BE79, BJ79, BTS79, Bro79, FGW73, Fle79, FT79, FRRT78, FRT79, HG79, HH78, HD79, HLB79, JB75, Jes74, PB76b, ST76, SB75, THM78, WM71, WO75]. **elements** [AMHH73, BJ77, Cav75, GFSW78, Gru78, GL77, HRY73, LFMM78]. **Ellipsoidal** [Cla73]. **elliptic** [AH73c, CF78b, Det79, GFSW78, HLRP78, Hym77, JSK72, MdVD73, NP74, Nic75, SS79, WM71]. **emergent** [Shu73]. **ended** [LBM+78]. **energies** [BM79, CS73b, DS75, LW78, MC78]. **Energy** [Lan73, Lew70, AL76, Ben76, CR78, CS73b, HP75, Lie78, MS70a, Ore73, PPP73, PB75, SH71a, SFG71, TV77]. **Energy-conserving** [Lan73, Lew70]. **Engineering** [Smi75b]. **ensemble** [MT78, RNP75, RNP78]. **entrance** [MC73]. **Entropy** [EJK+73, AAL79]. **equation** [AIC76, AYMS71, All70, Bar72, Bea71, BMP73, Blu71a, BGP73, BMP+72, Bus75, CG70, Can71, Can73, CP73a, CGF74, CG77, CFUW74, CK71, CD78b, CK76, Che77, CW76, CS78, CP79b, Cor75, DS74, Dic72, DG76, EB79, EM75, EM77, EJ73, EHMM70, FRSW79, FM73, Fle74, Fle73, FRRT78, Fro73, GS77,

Gar76, Gas78, Gat75, Gaz75, GS78, GM76, GS70, GS71, GSD72, GM79b, HZ79, HKN74, Han72, HE78, HH76, HK72, Hil78, Hil79, HB77, Ixa72, Jam77, JKM71, KB79a, KM78, Kus73, Lau71, Lin75b, LoD70, Mar75, MWW76, ML77, McD74, MPB73, ML73, Mor70b, Mor71, O'B69, OA78, PMB73, PH70, Rea70, RB77, Rid79a, Rid79b, RF71, Sch77, SS76, SK77, SK74a, SG76, SG77a, SG77b, SG78, SS78, Ste71, Ste78b, SV78, Str77, SC73, Swa74]. **equation** [Swe73, Taf76, Tak76, TI73, THM78, Tem79b, TO79, Tra71, WH74, War79, Wat75, Whi70, WE77a, WO78, Yee70, Yee76]. **equations** [AS72, Ale76, AM79, All70, And74, Ant79, AB77, AH73c, AHMB74, Bar78, BBA73, BKC72, BG70, Bos70, BM77, Bru73, BM70, Cam71, CHS78, CCV72, Cel76, Cha73, CC70a, Chi76, Chi74, Chi75, Cho73, CS73a, CLW78, CF78a, CI74, Coh78, CM74, CF78b, CR75b, Dav78, Dic73, Ede73, EH73, Fro72, Fro78, GCS75a, GCS75b, Gel72, GT78a, Gra76, Gus71, Hat70, HS76, HLRP78, HPZ78, Hym77, Ics70, JB75, JSK72, Kan76, Ker78, KB79b, Kni76, KDS79, KH75a, Le 72, LM74, MdVD73, MGRK73, MS79a, MR73, Mey75, NP74, OJ74, Pac74, PS70, PR72, PB76a, PB76b, Rig79, RB71, Ros76b, RCB77, Sch75a, Sco73, SC72, SW70, SH71b, SBD75, Slo77, SB75, Smi75a, SW79, SS79, Ste77a, TI79, Tho73, Tru72, Unc74, Van70, Vin74]. **equations** [Wei78, Whi79, WH75, ZHR79, dR72]. **equilibria** [AK72, JDG$^+$79]. **Equilibrium** [TR72, AH73b, Ste78a, WCK71]. **equipartition** [CR75a]. **equivalence** [Cel76, WH75]. **equivalent** [HRY73, Mos70]. **ergodicity** [CF76]. **Errata** [Ano72e, Ano78g]. **Erratum** [Ano70c, Ano75e, Ano77e, Ano78h]. **error** [BR71a, BB76, Fri78, GT74, Ixa72, Tur74]. **Errors** [CD71a, Chi74, OJ74]. **ESR** [Pos73]. **estimates** [Ise73]. **estimation** [Ben76, TV77, Two75]. **Euclidean** [PKP79]. **Euler** [BM79, ZHR79]. **Eulerian** [Cha75, HAC74, JB75, Mas73, Pra75]. **evaluate** [CP71, SL72]. **evaluating** [BEH76, HMB73, RSM70, Win78]. **Evaluation** [AMHH73, CP79a, ED74, EF77, HP75, HLRP78, KK75, LH72, LN73, Mil74, Nes71, Per75, SAG79, Sin72, Tem75a, AEH73, AL73, BR71a, BO75, CP73b, Cha76b, HSM74, KSV70, KS74a, KH75a, MB71, Mor78, OCS72, Pan75, Pev71, RR70, Sha70a, SZ77, Sha70b, Ste78a, Ste76b, Tem76, Ter79b, Wil71c, MS79b]. **event** [CP74, FLRZ71, Fri71]. **Evolution** [Hoh72, AH73c, Gil76]. **Ewald** [CF77]. **Exact** [CR78, CF77, GH77, Pac74]. **example** [CB73]. **exchange** [LN73]. **excitation** [Tol75, War78]. **excited** [HH76]. **expanding** [JH74]. **expansion** [BWSE76, CO75, CMM$^+$78, Cor74, HZ79, HRY73, Ics70, KDR73, MC76, Mod75, Owe71, WSB74]. **expansions** [Cho71b, ER74, HK76]. **Experimental** [Mil71b, AG75, BNP78, Fos73, Mac73]. **Experiments** [FJ71b, Han72, Dev74, GW78, JH74, JD74, KV76, Sto78]. **explosions** [KH75a]. **explosives** [KH75a]. **Exponential** [WE77b, BG70, Pat71, SZ77]. **Exponential-sum** [WE77b]. **exponentials** [Bos70, TLM73]. **exponents** [WCK71]. **exposed** [Mey75, NH73]. **exposition** [PF74]. **extend** [Dow70]. **Extension** [CP75, Hof74, Sal77]. **extensions** [Hun78]. **exterior** [KM78]. **extracted** [WJW78]. **Extrapolation** [CR75b, Ein76, Lyn76].

F [Cho78a]. **face** [Bel75]. **face-centered** [Bel75]. **factor** [Cho71a]. **factors** [Ban73, CGN70, Chi71]. **Failure** [Joh76]. **Falkner** [CK71]. **false** [MdVD73]. **family** [ML71]. **Fast** [JP78, LM74, Pos73, BT79, HPZ78, Le 72, Tol75, Abr73]. **fcc** [EJK+73, Mod75, SH71a]. **FCT** [BB76]. **few** [Dav75, Kno73, Lav73]. **few-body** [Lav73]. **Feynman** [CH70, JN71, Sas76a]. **FFT** [Roa78]. **field** [Abr72, AGGM79, Bra76, BKM73, Cor74, FPM76, FT77, FRT79, HH77, JB72, JD70, Kus73, MR73, NTK79, SH71b, TTM74, TO79]. **fields** [Bun73d, HL75, Lie78, PT75, Ste70, TTM77, VT77, Wei78]. **film** [Bar73, Blu71a]. **filter** [Mud76]. **filtering** [Cam71, Gaz70]. **filters** [RLT78]. **finding** [AAL79, Blu71a, Pfe79, Wat71]. **Finite** [Ant79, Bro79, CC79a, DIC79, FRRT78, Gru78, HH76, HLB79, ST76, SB75, THM78, Tru72, Whi70, Wil70, AMI75, Abr75, Ada78, ABGR75, BS79, BW76, BE79, BJ77, BJ79, BTS79, Cav75, CFU74, CFUW74, CS70, Chi76, Chu71, CS74, CG76, CR75b, Dal77, DC74, DT77, Dic73, FMW76, FGW73, Fle79, FT79, FRT79, GA72, GT78a, GFSW78, HL75, HB77, Ila78, JP78, JB75, Jes74, Lar78, Lau79, Mas73, McK71, Mor79, PB76b, Quo76b, Sas76b, Sch75a, Sch75b, Sod78, SGP76, SW75, Ste75, Sun75, Thi78, Van74, Van77a, WM71, WH74, WO75, WK79, Yee76, Zin73, dR72]. **finite-amplitude** [CS70]. **finite-circuit-element** [BTS79]. **Finite-difference** [Ant79, DIC79, HH76, Ada78, BW76, CFUW74, Chi76, DT77, FMW76, GA72, GT78a, HB77, Sas76b, SW75, Thi78, Van77a, WH74, Yee76, dR72]. **Finite-element** [Bro79, SB75, FT79, FRT79, Jes74, PB76b, WO75]. **finite-particle** [Lar78]. **finite-sized** [AMI75]. **firehose** [BV76]. **first** [AIC76, HMB73, HH76, RB77, SH71a, Sca71, Tak76, Wil71a]. **first-** [SH71a, Wil71a]. **first-excited** [HH76]. **first-order** [AIC76]. **fitted** [Hau79, TTMW77, TTM74, TTM77]. **Fitting** [Mac73, JMW77, WE77b]. **five** [Bun71]. **five-point** [Bun71]. **fixed** [Cho73]. **flame** [Mar78]. **flames** [OB79]. **Flow** [HA75a, PL75, Pes72, AH70, BD73, Bri74, Bun73d, CKW79, Cho77, Cho78a, Cho73, CH73, CD71b, DS78, Dev74, DE70, FR77, Fle79, FT79, GL78, GM79a, Hai79, Har71, HA71, HA74, HA75b, HE78, Hau79, HAC74, Hof74, HN70, JB75, JPC72, Kus73, LC72, MS78a, MB75, Men74, Mey75, MS77, MC73, NR71, NH71, Pes77, PS72, Raj73, RT76, RL72, RK77, Sch75a, SAK75, SB75, Ste79b, Ste79c, TNM72, THM78, TTMW77, TR72, Van77a, Vre79, Wei78, WJD70]. **flows** [BBA73, BD79, BE79, Bos70, Cha75, Cha76a, Chu70, Dav73, DG77, DIC79, DC74, FE72, God79, GH73, HC72, Hof73, HLB79, HCH72, KC72, Ken70, KW72, Lap71, MS74, MKS77, MS70b, NC71, NH73, Orl76, Pop78, Pra71, Pra75, Sch75b, She79, SGP76, Tan79, TM70, Tay70, Thi78, TO78, Vie71, WCL78, Wes78]. **Fluid** [GJ75, AH70, And74, BBA73, BB73, BMP+72, CS74, Dal77, Dav73, DR79, GL78, GP70, GJA79, Har71, HA71, HA75b, HAN76, HMR77, HR74, Hir75, HCB70, HD74, HCH72, LTD79, LR78, Mas73, Mil71a, NR71, Pra75, RT79b, SV76, SK78, Sho78, Ste79c, Sun75, Tay70]. **fluid-flow** [Har71]. **fluid-hammer** [SV76]. **fluid-immersed** [BMP+72].

fluid-transient [SK78]. **fluids** [HLM+76, Zal79]. **Flux** [BBH75, BB73, BB76, And75, CC79b, DM73, MB77, Zal79]. **Flux-corrected** [BBH75, BB73, BB76, CC79b, Zal79]. **Fock** [CFU74, CM74, FMW76, Fro72, Fro78]. **focusing** [JD70]. **Fokker** [CC70a, MKMR77, RB77, Whi70]. **Foldy** [Ros71]. **following** [Cla77]. **follows** [JB75]. **force** [Bun73d, EH74, Sho78]. **forces** [BL73, Fin78]. **forcing** [TR72]. **form** [Ban73, BW76, CM76a, Chi71, Fos73, Gra76, GH73, HG79, Lin75a, RS76, SG79, Whi73a, Whi73b, Whi74]. **formic** [MS70a]. **formula** [Del74, GL77, Han72, Sal77, WSB74]. **formulas** [Ada78, CF77, KB73, LW78, dAPM77, PCJ76, Str77]. **formulation** [Bar78, Chi76, Fle79, HLB79, TAE73, Wei78]. **formulations** [GM70, MB77]. **forthcoming** [Ano78i, Ano78j, Ano78k, Ano78l, Ano78m, Ano78n, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j, Ano79k, Ano79l, Ano79m, Ano79n, Ano79o, Ano79p, Ano79q]. **FORTRAN** [Ada78, Les73, RS72b, Sca71, VP75]. **four** [BGL74, PF74, Per75]. **four-electron** [Per75]. **four-index** [PF74]. **Fourier** [Abr73, Abr73, Abr75, Ein76, EJ73, FD79, HPZ78, Lad71, Le 72, MB71, Ng74, SS78, Tal78, TLM73]. **fourth** [FH74, TAG76]. **fourth-order** [TAG76]. **Fox** [MS78b]. **Frankel** [Lip77]. **Fréchet** [War79]. **Free** [Lin75b, SH71a, Ben76, BJ77, CC70b, Cro70a, DG77, EC72, FE72, Fre73, HCB70, HD74, JB75, KS74a, LFMM78, MS74, dAPM77, NH71, NH73, PL70, TV77]. **free-electron** [KS74a]. **free-energy** [TV77]. **free-particle** [LFMM78]. **Free-space** [Lin75b]. **free-surface** [Cro70a, EC72]. **freedom** [FS73]. **frequency** [FC71, Fri71, LO78, PB75]. **Friedrichs** [Rei74b]. **frog** [AG76, Wil78]. **Fröman** [GL77]. **fuel** [Mey75]. **Fully** [Zal79]. **Function** [Tem75a, ASM71, Ama77, BR71a, Bar78, BM79, BK73, BO75, CM76a, Col74, GW73, HBH78, HLB79, JMW77, KS74a, LFMM78, Lon72, dAPM77, RL76, Roa70, Tem76, Voj73, WK79]. **function-vorticity** [Bar78]. **functional** [Cha73, Han72]. **Functions** [SAG79, Tem79a, AMS73, AL73, BR71a, Blo73, Cam72, CJ74, CMM+78, ED74, FGW73, Flo77, Fox77, GL77, HN77, HK76, Jos71, KV76, KP76, LR74, Lyn76, dAPM79, MD78, MS70a, ON73, PL75, PS76, PH78b, RT79a, RL76, Rei74a, RB77, Ros76a, Ryb70, Sca71, Sco79, Tak71, Ter79a, Wal75, War78, Wil71c, WE77b, de 77].

G [Cho78a]. **G2M** [BK78]. **gain** [TAE73]. **galaxy** [Mil76]. **Galerkin** [AM79, Dav78, DC74, DGGJ75, GH73]. **gamma** [Ter79a]. **gaps** [CM73]. **gas** [Ama77, Bir77, BL75, Bus75, CF76, Cho77, Col74, HP78, Lar78, Lut71, MB75, MT78, OS70, RNP75, SK77]. **gas-liquid** [RNP75]. **Gasdynamic** [SC79]. **gasdynamics** [Vin74]. **gases** [Aha72, Che71c]. **Gaussian** [ED74, LFMM78, MD78, PCJ76, PH78b, Ter79b]. **GAUSSIAN70** [CP75]. **Gendi** [Ste78b]. **general** [AH73a, Chi76, Chu71, Coh76, Fro78, Gil76, HG79, HU74, LG74, Pop78, SZ77, TT78, PKPR72]. **generalization** [Abr78]. **Generalizations** [BBH75]. **Generalized** [Che70, Jos71, Sul72, Ant79, BM77, Cha75, Ste71, TI79, Wes78]. **generate**

[AH73c]. **generated** [BBA73, Blo76]. **generating** [AH73a, Bar70b, Kal76]. **Generation** [BK71, JD74, YLY71, CP74, Eis79, FLRZ71, Fri71, Kno75, Sas76a, SS79, TTM74, TTM77]. **generator** [Ama77, Bar70a, Col74]. **generators** [FT77, HR78]. **geodesic** [Wil71a]. **geometrical** [PB75]. **geometry** [AHMB74, Bun73c, CP73a, Cri77, EHMM70, HSM74, MS79b, WGS72, WS73]. **geophysical** [Dav73]. **geostrophic** [Yee72]. **Gibbs** [Chi75]. **given** [KC72]. **Glauber** [KK75]. **Global** [Cri75, HH78, HD79]. **Glow** [Che70, Squ70, Bus75, Jen78, Pat71, SC72, Sul72]. **Godunov** [TM70, vL79]. **Goldstone** [Kal76]. **Gordon** [SV78]. **governing** [Wei78]. **gradient** [KC72, Ker78, SW76]. **gradients** [Bar72, Bar73]. **grand** [MT78, RNP75, RNP78]. **graphical** [HPS74, Pfe79]. **graphs** [Sas76a]. **gravitating** [LL75]. **Gravitational** [Mil70b, AC73, Bra76, JH74, Mil71b]. **Green** [AL73, KS74a, LFMM78, PL75]. **Grid** [AMI75, And75, Bea71, CLB74, Dow70, HW75, JJGG78, Lan70, MB77, Nic75, Oku72, SS76, SS79, Swe73, Wil71a]. **grids** [AH73a, BT79, dR72]. **Ground** [Emp70, HH76]. **Ground-state** [Emp70]. **group** [BK71, Boy74, CZF78]. **groups** [FJ71a]. **growth** [Bun78]. **Guiding** [JKAR77, SK75]. **Guiding-center** [JKAR77]. **gyrating** [BTS79].

half [CC70b]. **Hamiltonian** [Rei74a, Yos73]. **hammer** [SV76, Les73]. **Hard** [AYMS71, Bey71, CF76, Che71b, Che71c, KK75, RF71, WK79]. **hard-core** [Che71c]. **harmonic** [HD79, MC76, SH71a, PS73]. **harmonics** [FK77]. **Harris** [SOH72]. **Hartree** [CFU74, CM74, FMW76, Fro72, Fro78]. **hcp** [EJK$^+$73, SH71a]. **head** [Mor70b, Mor71, MN73, MN74]. **heart** [Pes72, Pes77]. **heat** [GH73, Men74, Mor70b, Mor71, MN74, PS72, Smi75b]. **heating** [Hoc71, Sul72]. **helicon** [WM72]. **helium** [HH76]. **helix** [JD70]. **Helmholtz** [Yee70, Bun73c, Hil78, Hil79, O'B69, Rid79a, Rid79b]. **Hermite** [AMS73, Cho71b, EJ73, MH79]. **Hermitian** [CS77, FB76, Nes71, Thi78]. **heterogeneous** [SK77]. **heuristic** [GP70, TR76]. **hexagons** [Che71b]. **High** [Bey71, CCQ78, And75, BNGF73, HGE74, Lie78, Raj73, Ste75]. **high-energy** [Lie78]. **high-order** [BNGF73]. **High-resolution** [CCQ78, HGE74]. **Higher** [For77a, Hir75, Ros76a]. **highest** [SBPH73]. **Highly** [Ada77, CS76, DC74, HN77]. **Hilbert** [AMS73, Sod77]. **histogram** [Fos73]. **homing** [BK76]. **Homogeneous** [Eas72, JB72, OU78, RT76]. **Hopscotch** [MN73, GM76]. **hot** [Ros76a]. **Householder** [MS78b]. **Houston** [Sin72]. **Hybrid** [BCCH78, Gru78, HZ72, HCH72, She79]. **Hydrodynamic** [GDZK70, Bar70a, PT75, SK74b]. **hydrodynamics** [Chr73, EC72, FB79, SA73, SAHK75, Str78, Zin73]. **hydrogen** [Bur78, FRT79, NRH71, PPP76, TO79]. **hydrogenic** [Bur78, Jos71, Rei74a]. **hyperbolic** [AG72, BW76, BM70, Chi74, Chi75, Cho76, CP79b, Gar76, Gar78, GT74, GM70, Gus80, Hed79, HS76, Orl76, OJ74, Rus70, Sod78, Tur74]. **hyperosculatory** [Sal75, Sal76]. **hypersonic** [JPC72, NC71, RL72].

hypersurfaces [YLY71].

I-complex [KS73]. **IBM** [Ama77, Col74]. **ICE** [Wes78]. **ideal** [Ama77, CGG+78, Col74, Gru78, Van77a]. **idempotent** [HF71]. **Identifying** [Sto78]. **II** [BBH75, CJ74, DM73, EM77, GT74, LN73, MS79b, MS70a, Mor71, PMB73, RL76, Ros76a, WS73, vL74]. **III** [BB76, HU74, Van77a]. **ILUCG** [PKP79]. **imbedding** [AW74, AKK70, SW79]. **immersed** [BMP+72]. **implicit** [Ada77, BW76, BP73, BM77, CLW78, DMWV75, FC71, God79, Gus71, HR74, HB77, Jac73, LR78, LK73, MP77, Mas73, MM74, NC71, PB76b, SA73, SAHK75]. **implicitization** [Gra73, Gra76]. **Improved** [NH71, SAHK75, BW79, FRSW79, Fro72, HBH78, SG79]. **improvement** [FH75]. **Improvements** [GSD72]. **impulsively** [Ceb79, PL75]. **impurity** [OA78]. **inadequate** [SC73]. **including** [Lew72, Tol75]. **inclusive** [EF77]. **incomplete** [Ker78, Ter79a]. **incompressible** [AH70, BE79, Cha75, Cha76a, DIC79, FT79, HCB70, HLB79, NR71, NH71, SB75, Vie71]. **incompressible-flow** [NH71]. **incorporating** [Bar78]. **incorporation** [GH77]. **increasing** [Joh76]. **indentation** [Abo78]. **independent** [Bud79]. **index** [Ano70a, Ano70b, Ano71a, Ano71b, Ano72c, Ano72d, Ano73a, Ano73b, Ano73c, Ano74e, Ano74c, Ano74d, Ano75b, Ano75c, Ano75d, Ano76b, Ano76c, Ano76d, Ano77b, Ano77c, Ano77d, Ano78c, Ano78d, Ano78e, Ano78f, Ano79b, Ano79c, Ano79d, Ano79e, PF74]. **indirect** [Two75]. **induced** [MC78, Quo76a]. **inelastic** [Ale76]. **inequalities** [Les73]. **Inertial** [Lip77]. **infinite** [AEH73, BEH76, Hof74, Mos70, Win78]. **inflection** [dAPM79]. **Information** [Sha72]. **inherent** [WD78]. **inhomogeneous** [AW74, CG76, FM73, Hew74, Mil71a, Rei73]. **Initial** [EC72, Ste77b, Wil71b, BS79, CGF74, Chi75, CN75, Dav73, GH77, KR71, KS73, Moc76, NR79a, Sas76b, Sco73, WD78, Wat71]. **initial-boundary** [Dav73]. **initial-value** [BS79]. **instabilities** [CGG+78, DK77, God74, God75, JJGG78, Oku72, RT79b, WD78]. **instability** [BV76, BGL74, Kan76, Sho78]. **insulating** [CM73]. **integer** [Sca71]. **Integral** [Ben72, Che70, CW76, CP79a, Squ70, Bos70, Bru73, Cam72, CJ74, Cha73, CP73b, CI74, Coh78, DS74, FRSW79, FH75, GL77, HE78, HK72, Ics70, Jen78, KS73, Kni76, Kus73, Mod75, Mor78, Pat71, Per75, PB76a, Sas76b, SH71b, SBD75, Ste77a, Ste78b, Sul72, Tak76, TI79, War79, Whi79]. **Integrals** [Bot70, Rei74a, Abr73, AEH73, AL73, BR71a, BEH76, BO75, Cha76b, ED74, FJ71b, FH74, HMB73, HP75, Ise73, Jos71, LN73, MD78, MS79b, Mil74, Mor70a, OCS72, Pan75, PCJ76, PH78b, RR70, RSM70, SL72, Sha70a, SZ77, Sin72, Ter79b, TLM73, Win78]. **integrand** [Lyn76]. **integrands** [Ise73, Pan75]. **Integration** [Bea71, BNP78, HN77, Str77, AC73, BW79, Cha76a, Cha76b, CK76, Che77, Gol72, Hol77, JKM71, KD76, Lan79, Lep78, OS74, Pac74, PH70, RDW74, Ros76b, RCB77, SK74a, SW70, TI73, Ter79a, Van74, WO78]. **integrations** [Mud76]. **integro** [BMP+72, CD78b, MPB73, PMB73, PH70].

integro-differential [BMP+72, CD78b, MPB73, PMB73]. **integro-partial** [PH70]. **Interaction** [EM77, LBM+78, Ben79, MC76, MC78, MS70a, PH78a, PL70, Yos73]. **interaction-free** [PL70]. **Interactions** [LM73, Lew72, Owe71, SH71a]. **interactive** [Whi79]. **interface** [HU74]. **interfaces** [Cha75, JB75, PF79, RT76]. **interferometer** [Cum75]. **internal** [NR71]. **internuclear** [MPS75]. **interpenetrating** [HA75a]. **interpolation** [HM75, RK77, Sal75, Sal76, Sha72]. **interpreting** [HPS74]. **interval** [Cho73, Mil70a]. **intervals** [Bol78]. **Intrinsic** [Abr72]. **invariant** [AW74, AKK70, CM76a, Mor78, Sas76b, SW79]. **invariants** [BNGF73]. **Inverse** [Sal76, KC72, KB77, LC72, Pex76, SW75]. **inverse-matrix** [SW75]. **Inversion** [Bun73c, Bun73b, Kov70a, Bun71, Bun73a, DM79, DW78, Hym77, Lon72, Ste70, Two75, Voj73]. **inverted** [RB72]. **investigation** [Kan76, Rei74b]. **inviscid** [And74, Fle79, MB75, TNM72]. **involved** [Smi75a]. **involving** [Bot70, Cel76, PH78b, SL72, WSW78, WH75]. **ion** [Smi75a, WJW78, WSW78]. **ionization** [OA78, Per78, Pre78]. **ionized** [SK77, Unc74]. **irradiations** [Cla73]. **Irregular** [Hat70]. **Ising** [BKL75]. **isolated** [EB79, Jam77, MWW76]. **isothermal** [MY71]. **issued** [PL70]. **Iteration** [Ste70, Cor75, RS74]. **iterations** [CGN70]. **Iterative** [BS70, Fro72, Run75, And78, BGP73, Dav75, Ker78, Mil71c, Sha70b, SBPH73, TT78, Two75]. **IV** [Van77b].

J [Saf78]. **Jacobian** [MAT74]. **jet** [Bos70, EF77, KW72]. **JWKB** [Kau73].

Kalman [Cam71]. **Kármán** [Pat78]. **kernels** [Coh78, TI79]. **kidney** [MS79a]. **Kind** [Tem75a, Sca71, Tak76, Tem76]. **Kinematically** [PT75]. **kinetic** [Gel72, Ros77, Ste71, Wat75]. **kinetics** [Ede73, YK71]. **Klein** [SV78, WSB74]. **known** [JMW77]. **Korteweg** [CG77, GM76]. **Krook** [Wat75]. **Kullback** [JMW77].

Lagrangian [Bar70a, BP73, Cha75, For73, FB79, HP76, HCB70, HAC74, HJKS78, KB79a, Pra75, Rit70]. **lake** [Tak71]. **laminar** [Ceb79, Mar78, OB79, PS72]. **Landau** [Can73]. **Langdon** [GL76]. **Langmuir** [RVD78]. **Laplace** [Voj73, AG75, Bun73c, DM79, DW78, FM73, HPZ78, Lau71, Lon72, Pex76, Rea70, RB72, Sal75, Sal76, SS78]. **Large** [Fel74, Nes65, BD79, BT79, BK76, Cho78a, CS77, Dav75, dAPM79, MAT74, MS77, Nes71, Nis72, Raf79, Sha70b, SBPH73, TT78, Yos73]. **large-order** [dAPM79]. **large-scale** [TT78]. **larger** [de 77]. **laser** [Cla73, Gol72, PPS74, Sho78, TAE73]. **laser-plasma** [Sho78]. **lateral** [HW75]. **lattice** [AL73, Boy74, Che71b, Che71c, CF77, KS74a, ML71, Mod75, MT78, Pev71, Stu78]. **lattices** [EJK+73, HMB73, JD74, LH72, SH71a]. **law** [BW76, EH74]. **laws** [MM73, MM74, Sod78]. **Lax** [GM70, Hun78]. **layer** [Bos70, BL72, CK71, Ceb79, CKW79, KC72, LC72, MS78a, PB76b, Thi78, Vre79]. **layered** [LS78, Sam71]. **layers** [Cho78b, Hai79, Quo76a, Ste70].

layout [MC72]. **leading** [RL72]. **leap** [AG76, Wil78]. **leap-frog** [AG76]. **Least** [CP76, JPC72, BH78, BDPH76, Cur70, Dow70]. **Least-squares** [JPC72, BH78]. **Legendre** [Del74, Ics70, WSB74]. **length** [HR78]. **lengths** [CS76]. **level** [McK71]. **Lewis** [Bun73b]. **light** [CHS78, Mil71a, YK71]. **like** [AL73, ML73]. **limit** [AYMS71]. **limitations** [Kov70b]. **limited** [CD78a]. **limiting** [War78]. **limits** [AEH73]. **line** [WCK71]. **Linear** [Sch75a, AM79, AW74, Ant76, CCV72, HPZ78, JD70, Ker78, KB79b, Les73, NP74, NR79b, Rig79, Ros77, Sha72, Slo77, Smi75b, Tay70, Two75, Vie73]. **lines** [Gar76, HS76, JSK72]. **linked** [CB71]. **Liouville** [Bai78, Har76]. **liquid** [Foo73, Lad71, LL75, RNP75, WCK71]. **liquids** [Blu71b, ME72, SS71]. **liquids-approximate** [SS71]. **LISP** [CJ74]. **List** [Ano78i, Ano78j, Ano78k, Ano78l, Ano78m, Ano78n, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j, Ano79k, Ano79l, Ano79m, Ano79n, Ano79o, Ano79p, Ano79q]. **lobe** [ED74]. **Local** [Cav75, Chi74, GFSW78, OJ74, DE70, Hym77, KB79a]. **locally** [WCL78]. **located** [Bel75]. **location** [HU74, Lav73]. **log** [Joh73]. **log-derivative** [Joh73]. **logarithmic** [PCJ76, Tal78]. **Long** [Bal76, Fin78, RVD78, RNP78, EM75, EM77]. **Long-range** [Fin78, RNP78]. **Long-time-scale** [RVD78]. **long-wave** [EM75, EM77]. **Lorentz** [Sho78]. **loss** [Dav79b, Sha72]. **lossy** [CW76]. **Low** [JD70, BW79, DG77, FE72, GJ73, GJ75, HP75, LO78, Mod75, PS72, RT76, She79]. **low-discrepancy** [BW79]. **low-energy** [HP75]. **low-frequency** [LO78]. **low-pressure** [GJ73, GJ75]. **low-speed** [RT76]. **low-temperature** [Mod75]. **Lowest** [BS70, Dav75, SBPH73]. **lying** [dAPM79].

MAC [AH70, Dev74, Eas72]. **MacCormack** [DT77, GT78b, Jon79]. **Mach** [FE72, HA74]. **Machine** [Chu71]. **Madelung** [Bel75]. **magnetic** [Abr72, CR78, Cor74, DM73, FT77, JD70, Lie78, Lut71, MR73, NTK79, SH71b, TO79]. **magnetic-field** [JD70]. **magnetized** [BCCH78, Che77]. **magnetohydrodynamic** [CGG+78, DGGJ75, DK77, Gru78, JDG+79, LTD79, LK73]. **magnetohydrodynamics** [ABGR75, BP73, Lin75a, Lin77]. **magnetostatic** [BNPLD77]. **magnitude** [CM76a, Dea71]. **manipulation** [Han72]. **many** [Emp70, Sco79]. **many-body** [Sco79]. **mapping** [CP74]. **mappings** [VT77]. **marching** [FR77]. **Marker** [For73]. **Markov** [Ros77]. **Mass** [Ben75, AL76]. **master** [LoD70]. **matching** [GH77]. **material** [HA75a]. **materials** [WO75]. **Mathematical** [Bus75, PB76a]. **mathematics** [Sto77]. **Mathieu** [Can71, EH73, HK76]. **Matrices** [Fel74, Nes65, BH78, BK76, CZ79, Cri78, Dav75, FB76, HF71, NR79a, NR79b, Nis72, Ore73, RG75, Sha70b, SBPH73, VW77]. **Matrix** [BS70, EH73, LNRY73, AMHH73, BG70, Blu71a, Cam71, CS77, GH70, GL77, HG79, HRY73, Kov70a, LFMM78, MAT74, MN74, Nes71, Pos73, Raf79, Ros77, SW75, Yos73]. **maximal** [AAL79]. **Maxwell** [CM76a]. **Maxwellian** [SB73]. **MCHF** [Fro73]. **means** [Blo73, FJ71a, Mey75, SW79]. **measured** [ASM71]. **Measurements** [Hoc71, WCK71]. **mechanical** [Ben72, SK72].

mechanics [And71, BBA73, CM76b, FPM76, HR74, Hir75, Hub71, HK76, LG74, PS76, VW77]. **media** [Bal76, GJY75]. **medium** [CG76]. **Meeting** [Ano76e]. **Mellin** [DW78]. **Memorial** [BL78]. **Mesh** [CS73a, Hym77, Bar70a, BR71b, Cav75, iCS78, CR78, CD71a, EH74, Eas75, FB79, GFSW78, HP76, Pra75, SS79, Van70]. **mesh-point** [SS79]. **meshes** [Bar70b, HJKS78]. **mesic** [PPP73]. **meteorology** [Rit70]. **Method** [AF79, TG77, Abr78, AIC76, AG75, And78, And73, AH73b, Ant79, AB77, BH72, Bar70b, Ben79, BH78, BK73, BJ79, BBH75, Bri74, BM77, BL72, Bud79, BK76, CG70, Cha75, Cha76b, CN75, Chi70, Chr73, CW76, CLW78, CH73, CP79b, CMM$^+$78, CF77, Dav79a, Dav78, DS78, DL72, DGGJ75, Dic73, DG76, DR79, Eas72, Eis79, EHMM70, EJK$^+$73, FRSW79, FR77, Fle74, FH75, Foo73, FE72, For73, Fos73, Fre73, FLRZ71, FRRT78, FRT79, GH70, Gar76, Gaz75, Gil76, GM70, Gra76, GM76, GSD72, GH73, Gus71, HU74, HA71, HH78, HD79, HS76, HCB70, HAC74, Hof73, HN70, Hud72, HB77, Hun78, Ixa72, JCM74, JB75, JJGG78, Jes74, Joh73, JSK72, KS73, Kau72, Ker78, KW72, KB73, KDR73, Lau79, Lau71, LR78, LNRY73, MdVD73, MBM76]. **method** [MGRK73, MC72, Mas73, MY73, Men74, Mil70a, MPB73, NR71, NR79a, NR79b, OA78, Pat78, Pes72, Pfe79, PPP73, PPP76, Pra71, QB73, Rea70, RL72, Rit70, Ros77, SK75, SK72, Sca73, SE76, SS76, Sco73, SK77, SZ77, SV76, SK78, Shu73, Sin72, SB79, SOH72, SK74b, Ste78a, SW75, SB73, Ste75, Ste78b, Tak76, TI73, TM70, TI79, Thi78, Tol75, TR76, Tru72, TT78, Van74, Van73, Vie71, WCL78, Was72, Wat75, Wes78, Yee76, vL79]. **Methods** [RSM70, Ada77, AM79, Bee76, Bel70, BE76, BEH76, Bro79, BDPH76, BM70, CCV72, CK71, Cho77, CS73b, CM76b, DM79, DIC79, DC74, EM75, FPM76, FM78, FT79, FT77, Gaz76, Gil72, GT74, GT78a, HMB73, HE78, HR74, HLRP78, JKM71, KK75, Kus73, LSW72, ME72, MM73, MKS77, MN73, PS73, Ros76b, RK77, SG76, Smi75b, Sod78, Ste76a, Ste70, Swe73, Tan79, TNM72, Tem79b, TO78, Tur74, Van70, WM71, WD78, WH74, Whi79, Whi70, Win78]. **MeV** [DGH73]. **microinstabilities** [LO78]. **Milinazzo** [Cho78a]. **minicomputer** [HLM$^+$76]. **minicomputers** [LBM$^+$78]. **Minimal** [BB76]. **Minimal-error** [BB76]. **Minimization** [CS73b, BH72]. **minimizes** [PKP79]. **minimum** [AK72, RLT78, WO78]. **minimum-** [AK72]. **minimum-delay** [RLT78]. **mirror** [AK72, BKM73]. **Mixed** [FT79, And71, HD79, Quo76b]. **mixing** [CF76, EEJ79]. **mixture** [BL75]. **MO** [JE74]. **Modal** [BMP73]. **mode** [ABGR75]. **model** [AM79, AGGM79, BL75, Bus75, CT77, Cla77, Cro70a, Cro70b, CLS78, Dal77, DD79, DK77, DGH73, EF77, GW78, GP70, HL75, HN78, JN71, Jon79, LO78, MP77, Mar75, MS78a, MKMR77, Mud76, Quo76b, Rei74b, Sch75b, SS71, TA77, War79, WJD70, WL71, Yee72]. **modeling** [BTS79, Gat75, Gol72, SC79]. **models** [BGL74, CO77, CS78, EH74, FLRZ71, HW75, HGE74, LN75, MB77, ST76, Ste79c, THM78]. **modes** [Che73, Job78, OU78]. **Modification** [BK76, Sha70b, TI73, Kau72]. **Modified** [Cho71a, Tem75a, Bai78, BO75, CF78a, Sca71, WH74]. **Molecular** [KB71, Aha72, Bee76, Ben72, Ben75, Bir77, Bru74, Fin78, HLM$^+$76, KV76, KL76, QB73, RR70, RCB77]. **molecule** [Sch70]. **molecules**

[Bas72, Blu71b, PPP73, PPP76, Ves77, VP75]. **moment** [KB79a]. **momenta** [God75]. **moments** [AG75]. **momentum** [Abr72, AS72, BB71, CD78a, MBM76]. **momentum-space** [AS72]. **monoenergetic** [AHMB74]. **monotone** [Cor75]. **monotonic** [For77a]. **Monotonicity** [vL74]. **monovacancies** [LSM71]. **Monte** [Ben76, Bir71, BL75, BKL75, BW79, CD78a, CHS78, Che71b, Cho71a, Cho71b, CM76b, FC71, FLRZ71, Gil78, GS71, HLM$^+$76, HP78, KK75, Kno75, MH79, Mat70, MT78, RR70, RNP75, RNP78, TO79, TV77, VW77, WK79, WL71]. **motion** [And74, JB72, MR73, RCB77]. **motions** [Sam71]. **moving** [And75, Bar73, Vie71]. **multi** [Eis79, HMR77, MH79, McK71]. **multi-dimensional** [MH79]. **multi-fluid** [HMR77]. **multi-level** [McK71]. **multi-surface** [Eis79]. **multibody** [Hau79]. **multichannel** [Joh73]. **multiconfiguration** [FMW76]. **Multidimensional** [TAG76, BWSE76, BW79, BM77, HN78, HL76, Ise73, Lep78, Lyn76, OB79, Smi75b, Zal79]. **Multifluid** [HA74, And75]. **multifrequency** [PS70]. **multinephron** [MS79a]. **multinomials** [CP76]. **multiparameter** [CLS78]. **multiperipheral** [FLRZ71]. **multiphase** [HA75b]. **multiple** [Chi70, HPS74, Nic75]. **multiple-scattering** [HPS74]. **multiplying** [CGN70]. **multipole** [CM76a, CO75, MC76, MC78, Owe71]. **multipole-expansion** [CO75]. **multistep** [Bee76, God79, GT78a, GM70, SG77a, Van70].

natural [Cla73, GJ75]. **Navier** [AB77, Bar78, BM77, Chi76, GCS75a, GCS75b, HB77, PR72, SB75]. **near** [SS79, War79]. **nearcharacteristics** [SK78]. **nearly** [Blu71b]. **neighbor** [SH71a]. **neighborhood** [WCK71]. **neighbors** [QB73]. **Nesbet** [Nis72, Sha70b, SOH72]. **network** [Blu71a, MKS77]. **NEUCG** [Bur78]. **Neumann** [FM73, SS76]. **neutral** [Ban73, HP78]. **neutron** [CP73a]. **neutrons** [LW78]. **Newton** [CFU74, CFUW74, FMW76, PPP73, PPP76]. **Newtonian** [GL78]. **Nicolson** [CCV72]. **nine** [Bun73a]. **nine-point** [Bun73a]. **Nishina** [WSB74]. **no** [Bar78, CM73, Tay70]. **no-slip** [Bar78, Tay70]. **node** [DL72]. **noise** [Ste77b]. **noises** [Oku72]. **Non** [BS70, AM79, GL78, GJA79, HL75, KB79b, Roa78]. **non-axisymmetric** [GJA79]. **non-linear** [AM79, KB79b]. **non-Newtonian** [GL78]. **non-periodic** [Roa78]. **non-self-adjoint** [HL75]. **Non-Symmetric** [BS70]. **noncoupled** [GM79b]. **nondivergent** [Cro70b]. **nonequilibrium** [CH73]. **nonfunctional** [Fos73]. **nonhomogeneous** [LM74]. **Nonlinear** [BMP73, CLS78, RZ75, AH73b, BKC72, CD78b, CN75, CP79b, DM73, DC74, EJ73, FC71, Fle74, GM70, HW75, Hed79, LoD70, MC72, Moc76, PH70, Rus70, SE76, SW70, Sod78, SV78, Sul72, SC73, Two75, War79, ZR73]. **nonlinearly** [WO75]. **nonlocal** [GS70, Ste71, Tho73]. **nonorthogonal** [KP76]. **Nonphysical** [BL73, Oku72, TV77]. **Nonreflecting** [Hed79, Smi74]. **nonrelativistic** [HH77]. **nonspherical** [Rei73]. **nonstationary** [WSB74]. **nonsteady** [Tay70]. **Nonuniform** [BR71b, CR78, CD71a, dR72].

nonunique [McD74]. **norm** [PKP79]. **normal** [ABGR75, Bar73, Job78, WL71]. **normalized** [BR71a]. **Note** [Cho78a, Cri78, Dav75, HBH78, Sal75, SB79, Sun75, Win78, AG76, Fri78, Ryb70, Wil78]. **Notes** [Chi74, Voj73]. **notice** [Ano76e]. **novel** [Cri77]. **nuclear** [AMHH73, HH78, OFM71, Tol75]. **nuclei** [Owe71]. **nucleon** [BLV76, Fle73, GW72]. **nucleon-nucleon** [Fle73, GW72]. **number** [Ama77, CP75, iCS78, Cho78a, Col74, DG77, FE72, HR74, HR78, MS77, PS72, TTM74, TTM77, Wil78]. **numbers** [Blo76, HA74]. **Numerical** [AG72, AS72, BR71a, Bar70b, Bel70, BJ77, BO75, BD73, Bra76, BKM73, Bri74, Can71, Can73, Che73, Chr73, CR75a, CI74, CP79b, Cor74, DM73, DM79, DS74, Den72, Dev74, DGGJ75, DW78, EM75, EM77, EGZ72, EGV78, FPW73, FPM76, FT77, FS73, Fro78, GCS75a, Gaz73, Gaz75, GS78, God74, Gol72, GO77, GL77, HMB73, Har76, HA75b, Hew74, HSM74, Hil78, Hil79, Hol77, HCH72, JB75, JH74, JDG$^+$79, JKM71, KSV70, KC72, KS74a, KD76, KW72, Kor78, KM78, Lad71, LWH78, Lon72, ME72, MS74, Mar75, McD74, MS79a, MS70b, MC73, NR71, NP74, ON73, Pac74, Pes77, PB76a, PPS74, PH70, RB77, Rei74b, Rid79b, RLT78, RCB77, SAK75, SC72, SV76, Sho78, SK74a, SG76, SG77b, Ste76b, SV78, SC73]. **Numerical** [Taf76, Tak71, Tak76, Tal78, Tem75a, TTMW77, Tho73, TAE73, Unc74, Voj73, War78, War79, WM72, Abo78, AIC76, AC73, All70, AGGM79, And74, And73, AB77, Bal76, BLV76, BR74, BD79, BE79, BK73, Bru74, Bru73, Bus75, BNPLD77, Cam71, CGF74, Cel76, CGG$^+$78, Cha76b, CD78b, CT77, Coh78, CF78b, Cro70a, Cro70b, Dal77, Dav77, DK77, DGH73, DR79, Ein76, ER74, Eva79, FRSW79, Foo73, For77b, GS77, Gat75, God75, GS70, GSD72, HKN74, HW75, Har71, HA71, Hau79, Hof73, HN70, HLRP78, HPZ78, Ise73, Job78, Joh76, JB72, JSK72, Kan76, Kau72, Kau73, Lav73, Lew70, Lew72, LoD70, LM74, Lut71, MP77, MB71, MGRK73, MWW76, MKS77, Mil71b, MPB73, Mil74, ML73, Mor70a, Mor70b, Mor71, Mor78, Ng74, NR79b, NH71, O'B69, OB79, PR72]. **numerical** [Pes72, PCJ76, Pra71, Quo76a, RT76, RDW74, RL72, RZ75, Ros76b, SK77, SG77a, SG78, SW70, SBD75, Smi75a, SW79, Ste78a, Ste77a, TM70, Tay70, TNM72, Tem76, TI79, Thi78, TTM74, TTM77, Tra71, TR76, Van74, Van77b, Vre79, WCL78, Wat75, Wil71c, WJD70, WH75, WO78, Yee70, Yee72, ZG73, PMB73]. **numerically** [CCV72, Gil76, RB72]. **Numerov** [Fri78].

objective [JMW77]. **objects** [JP78]. **observation** [Tak71]. **obstacle** [NR71]. **obtaining** [MC76]. **ocean** [CC71, CT77, Cro70a, Cro70b, HW75]. **oceans** [MP77]. **odd** [SB79]. **Oldroyd** [Gat75]. **Oldroyd-type** [Gat75]. **Olver** [SL72]. **One** [Bot70, MD78, BJ79, BGL74, Cho73, Dav78, Dic73, GS77, KSV70, Lad71, MS70b, O'B69, RT79a, THM78, Tru72, Yee70]. **One-** [MD78]. **One-center** [Bot70]. **one-dimensional** [BJ79, BGL74, Dav78, Dic73, GS77, MS70b, O'B69, Tru72, Yee70]. **one-electron** [RT79a]. **one-equation** [THM78]. **one-speed** [KSV70]. **open** [LBM$^+$78]. **operator**

[Bun71, Bun73a, Bun73c, Bun73b, BB71, CLW78, Sod77]. **operators** [KS73]. **Optical** [Net71, DGH73]. **optical-model** [DGH73]. **Optics** [WJW78, Fle74, Hil78, Hil79]. **Optimal** [Eas75, Bar70a, Cel76, DL72, Gar74, WH75]. **optimisation** [JD70]. **optimization** [Cri75, PKPR72, Rig79]. **Optimized** [Bas72, DMWV75, BH78, GM70]. **Optimum** [Kau73, Kau72, Kov70b]. **orbital** [BB71]. **orbitals** [CP75]. **order** [AIC76, BNGF73, BM79, BJ79, BGP73, BM70, Cha76a, EGZ72, For77a, FH74, GW72, Gol72, GT74, Got74, Hir75, dAPM79, MM73, MM74, MC76, PR72, Ros76a, Rus70, Sca71, Sco79, SB79, Ste79a, Tur74, TAG76, Wil71a, de 77, vL74, vL79]. **Ordinary** [Tem79a, Ant79, DG76, GH70, Ros76b, Sca71, Sco73, Slo77, Tem76, Van70]. **origin** [dAPM79]. **Orr** [Gas78]. **orthogonal** [Bar70b, FB76, GW73, HB77, Mey75, Pop78, PT73]. **oscillation** [Foo73]. **oscillations** [LS78, Lip77, MY71]. **Oscillator** [PS73]. **oscillators** [BMP73]. **oscillatory** [AEH73, BEH76, BO75, Bun78, HN77, Pan75, Tra71, Win78]. **osculatory** [Sal75, Sal76]. **other** [BE76, Jon73]. **Over-relaxation** [DT77, BE76]. **overlaps** [WS73]. **overrelaxation** [Rig79]. **overtones** [LS78].

P [Cho78a]. **packed** [AYMS71, Bey71]. **packings** [ML71]. **Padé** [FPW73]. **Pair** [Sti71]. **paper** [Cho78a, Sun75]. **parabolic** [Bea71, Bos70, CCV72, CS73a, CLW78, CF78b, LR74, RL76]. **Parallel** [CP73a, CK71, HL75, Mey75, MC73, Raj73, RF71]. **parameter** [SG79]. **parameters** [TI73]. **parametric** [RT79b]. **part** [Chu71]. **Partial** [Fle73, Gra73, Mil71c, BKC72, CF78b, CS73b, Gra76, HLRP78, HPZ78, Hym77, JSK72, KB79b, KDS79, Le 72, MY73, PH78a, PH70, RB71, SS79, Ste76b, Ste77a]. **partial-wave** [Ste76b, Ste77a]. **partially** [JMW77, Unc74]. **particle** [AMI75, Abr72, AL76, BTS79, BNPLD77, CF76, CS76, Den74, EH74, Eas75, For73, God74, God75, HAN76, JB72, Lar78, LTD79, LFMM78, LSW72, LW78, MR73, Mor78, RVD78, Ste77b, TA77, Two75, Ves77, Wil71b]. **particle-in-cell** [HAN76, LSW72]. **particle-mesh** [EH74, Eas75]. **particles** [Bey71, Dav79b, Kno73, Lew72, PL70, Sto78]. **particularities** [Job78]. **particulate** [GS78]. **partition** [HE78]. **passage** [RB77]. **past** [CC71, HN70, Ken70, PL75, TM70]. **path** [FJ71b]. **pattern** [LS78]. **patterns** [Pes72]. **PDE** [EGV78, Gar74]. **peaked** [AS72]. **Peclet** [PS72]. **penalty** [HLB79]. **penetrating** [MR71]. **penetration** [DM73]. **Performance** [CJ74]. **Periodic** [Van73, Bal76, BGP73, Dal77, Den72, EH73, Roa78]. **periodically** [GJY75]. **peripheral** [BE76]. **permanent** [MC78]. **perturbation** [Hof74, Mor79, PH78a, RDW74, RS74, Sni72]. **perturbations** [CS78, WB77]. **perturbative** [AIC76]. **perveance** [WJW78]. **Petit** [MT78]. **Phase** [GT74, Tur74, Cam72, CJ74, CD78a, Den72, EF77, GL77, Kau72, Kau73, LR78, Mil70b, Mor78, RT76, RDW74, Ste79c, Whi79]. **phase-integral** [Cam72, CJ74, GL77]. **phase-space** [EF77]. **phases** [And71, HA75a, dAPM77]. **phenomena** [BCCH78, HPS74]. **phenomenon** [Chi75]. **photoelectric** [CCQ78]. **photoneutron** [MY73]. **physical** [Bol78].

physics [AG75, Le 72, Pfe79, PB76a, SL72]. **picture** [Gaz70]. **piecewise** [Bru73, Smi75b]. **piezoelectric** [CC79a]. **pinch** [Ste78a]. **pipe** [CD71b]. **Pitch** [Dav79b]. **Planck** [CC70a, MKMR77, RB77, Whi70]. **plane** [GH73, Ila78, Sch75b, Smi74, VT77]. **planes** [CC70b]. **planetary** [Bea71]. **Plasma** [Kno73, KS74b, AMI75, AL76, BL73, BGL74, BCCH78, CO75, Che77, Cor74, Cum75, DD79, Fre73, GJ73, GJ75, Gru78, Hew74, HN78, Hoc71, HGE74, KDR73, Lan73, Lan79, LSW72, Lew72, LN75, MKMR77, NTK79, Oku72, Pfe79, Ros74, SL72, Sho78, Tak76, TA77, Unc74, WJW78, Wil71b, WJD70]. **plasma-simulation** [BL73]. **plasmas** [And75, Bur78, BNPLD77, CLB74, CO77, Den72, Gol72, HP78, JKAR77, Lan70, LTD79, Lew70, Lin70, Per78, RD75, Ros76a, RT79b, SK75]. **plastic** [Sam71]. **plastically** [ML71]. **plastically-deformed** [ML71]. **plate** [Abo78]. **plates** [MC73]. **plot** [RS72b]. **Point** [Det79, AW74, Ant76, Bun71, Bun73a, CF76, CN75, Chr73, DL72, Gru79, Jon73, KH75b, Lew72, dAPM79, MAT74, NR79b, RS72a, SS79, Tro76]. **points** [KH75a]. **Poiseuille** [CD71b, GH73]. **Poisson** [Bun71, Bun73a, Bun73c, Bun73b, BT79, EB79, HZ79, Jam77, MWW76, ML77, McD74, SS76, Swa74, Swe73, Tem79b, WE77a, Yee76]. **Poisson-solver** [BT79]. **polarizable** [Ves77]. **polarized** [CHS78]. **poles** [Coh78, MC76]. **policy** [Cel76]. **polyatomic** [BL75]. **polygonal** [Rid79b, VT77]. **polyhedra** [BDF78, Fin79]. **polymer** [FD79, SFG71]. **Polynomial** [RK77, HBH78, RB77, WSB74]. **polynomials** [Bru73, HZ79, KD76, MH79, PB76a, SL72, Sal75, Sal76, Wat71]. **polypeptide** [CS73b, Cri75]. **polytope** [RSM70]. **polytropes** [HU74]. **population** [Pat71]. **positive** [MAT74, RLT78]. **positive-definite** [RLT78]. **positive-real** [RLT78]. **positron** [HP75]. **positron-atom** [HP75]. **postignition** [HCH72]. **Postscript** [Whi73b]. **potential** [AMHH73, AB77, Bar73, BWSE76, Dic72, FRSW79, GS70, HE78, HH78, Lau79, SOH72, TTMW77, WO78]. **potentials** [AS72, ML73, Tho73]. **power** [Blo76, EJ73]. **practical** [CC70a]. **practitioner** [Gel72]. **precipitating** [Dav79b]. **precision** [Sca71]. **predicting** [Bri74]. **predictor** [Hud72]. **predictor-corrector** [Hud72]. **preferred** [Fri71]. **premixed** [Mar78]. **prescribed** [OS70]. **presence** [Dav79b]. **pressure** [Eas72, GJ73, GJ75, KC72, SW76]. **primitive** [Dav78, Fle79]. **principal** [CP73b, Mor70a]. **principle** [Bar78]. **principles** [PKPR72]. **print** [Mor70b, Mor71, MN73, MN74]. **print-head** [Mor70b]. **probability** [Gil78, JMW77, MS79b, RB77]. **probed** [YK71]. **problem** [AG72, Abo78, AC73, AGGM79, Ant79, BWSE76, BJ77, BJ79, BL72, CFU74, CN75, Dav73, DE70, FM73, FMW76, HD79, HSM74, Ila78, Jon79, JPC72, KR71, KSV70, KC72, KS74b, KH75b, LWH78, MPS75, Mil71b, Moc76, MN73, OFM71, PS76, RS72a, RS76, Sco73, Shu73, Tro76, TT78, Wat71, WM72]. **problems** [AW74, AH73b, Ant76, BS79, Bar72, BLV76, BR74, Bel70, Boy74, Bru74, Cel76, CP73b, Chi75, Dav77, DL72, Det79, FRSW79, FPM76, FM78,

FT79, FB79, GA72, GH70, GH77, GT74, GFSW78, GJA79, GO77, GK79, Hai79, HE78, Hau79, HR74, Hir75, Jac73, Jon73, KM78, KB77, LS76, Lau79, MAT74, NG72, NR79a, NR79b, Pfe79, Raf79, Rit70, Roa78, Sas76b, Sch75a, SH71b, SB79, Smi74, Smi75a, SK74b, TNM72, Tur74, WM71, Was72, WS78, Wil70, WH75, YL72, Zin73]. **Procedure** [BS70, BNGF73, BK76, Fin79, Fro73, Jac73, LC72, MC76, PPS74]. **process** [Ste71, Wei78]. **processes** [Bir71, Cor75, EEJ79, KDS79, Lie78, Mat70]. **processing** [Cum75, Gaz70]. **produced** [Gol72, MY73]. **Professor** [BL78]. **profile** [Tak76, WB77]. **profiles** [CT77]. **progonka** [Wei78]. **Program** [Tem79a, Aha72, Dow70, Les73, LBM$^+$78, VP75]. **programming** [MC72]. **programs** [MC78, PKPR72]. **Projection** [MS78b, Blo73, BB71, MBM76]. **Projective** [SH71b]. **Propagation** [CC70b, CC79a, CC71, CG76, Ila78, SE76, Smi74]. **properties** [Båt78, Che71b, Gil72, LSM71, Mar75, MS79b, NRH71, OS70, OU78, PW70, Ros76b, SW76, War78]. **proposal** [Joh76]. **proteins** [WGS72, WS73]. **proton** [KK75]. **proton-proton** [KK75]. **protons** [LW78]. **Prüfer** [Bai78]. **pseudo** [Roa78]. **pseudo-spectral** [Roa78]. **pseudorandom** [HR78]. **Pseudospectral** [FO73, WS78]. **PSF** [JP78]. **PUFL** [CB71]. **pulsating** [Coh76]. **pulsed** [PPS74]. **pulses** [CT77]. **punch** [Abo78].

Q.S [Ste77b]. **QED** [Sas76a]. **Quadratic** [Lut71]. **quadrature** [BKC72, CGR72, Del74, HRY73, HL76, Kni76, Lyn76, Mil70a, PCJ76, SK74b]. **quality** [SGP76]. **quantal** [GL77]. **Quantum** [AF79, Ben72, BK73, FPM76, FH74, PS76, WK79]. **quark** [KK75]. **quarter** [Ila78]. **quasi** [AG72, BW79, KB79a, Yee72]. **quasi-conservative** [AG72]. **quasi-geostrophic** [Yee72]. **quasi-Lagrangian** [KB79a]. **quasi-Monte** [BW79]. **quasibound** [PPP76]. **quasilinear** [NP74]. **Quasilinearization** [YL72]. **quasineutral** [BCCH78, HN78]. **Quiet** [HGE74, Ste77b].

Racah [KB73]. **radial** [AIC76, Dic72, DE70, HKN74, MKMR77, ML73, OU78, Tra71, WK79]. **radially** [Hew74, Lap71]. **radiation** [CGN70, CW76, Dav79b, FC71, SA73, SAHK75, Zin73]. **radiative** [Bar72, CP71, CHS78, PF79, SC73, WE77b]. **Random** [Cho76, Cho77, Fri71, Ama77, AF79, Blo76, CP74, Cho78a, Col74, CP79b, DS74, EEJ79, Gil78, MS77, TR72, YLY71]. **range** [BEH76, Fin78, RNP78, Win78]. **Raphson** [CFU74, CFUW74, FMW76]. **Rapid** [Cri78, Wal75, BKC72, CR75a, FR77, Fox77, Tra71]. **rapidly** [Per78]. **rarefaction** [Kaz70]. **rates** [CR75a, Gil78, Sul72]. **Rational** [BG70, Squ70, CCV72, Gru79]. **ray** [BS73, Blu71b, WGS72, WS73]. **Rayleigh** [GW78]. **Rayleigh-wave** [GW78]. **Re** [BD79]. **reactant** [CMM$^+$78]. **reacting** [Cho77, CH73]. **Reaction** [YK71, KDS79]. **reactions** [Gil76]. **reactive** [HCH72, Wes78]. **Real** [BS70, BK76, Dav75, RLT78]. **real-symmetric** [BK76, Dav75]. **realistic** [Owe71]. **reciprocal** [CF77].

reciprocal-lattice [CF77]. **recirculating** [Men74, Pop78, TO78]. **recombination** [OA78]. **rectangular** [CM73, Cav75]. **Recurrence** [dAPM77, CGF74]. **Recursion** [CZF78, Fox77, Wil71c]. **recursive** [Sha70a]. **reduced** [Blu71a, KM78, RG75, Ste79a]. **reducing** [Fos73, HP76, MY73]. **Reduction** [CLB74, KR71, HG79, MH79]. **reductions** [Det79]. **reference** [BM79, OU78, RB77]. **Refinement** [WGS72, WS73, Cav75, GFSW78, Hym77]. **refinements** [CS73a, Mil71c]. **reflection** [Chi70, Ryb70]. **reflections** [HP76]. **region** [Bar73, Men74, MC73, Rid79a, RNP75, Tra71]. **regions** [GO77, Rid79b]. **regression** [Cel76, CP76, WH75]. **regularized** [EM75, EM77]. **related** [BR71a, CS78, Nic75]. **relation** [Che71c, Lin70, Rei74b]. **relations** [CZF78, FH75, Fox77, Mor70a, Ros74, Ros76a, Wil71c]. **relationship** [HW75]. **Relative** [ML71]. **Relativistic** [HAN76, PL70, BKM73, MPS75, Mor78, Sho78]. **relativity** [Coh76]. **relaxation** [AH73b, BE76, Bir71, DT77, DMWV75, HU74, KB71, Mat70, Raf79]. **Reliable** [Ter79b]. **relieve** [WS73]. **remainder** [Che71a]. **Remarks** [EB79, MWW76, MB71]. **remote** [CT77]. **removal** [Dav79a]. **renal** [MKS77]. **renormalized** [CP71]. **repeated** [BR71a]. **Reply** [Saf78]. **representation** [FD79, Gas78, HBH78, HPS74, Mor79]. **representations** [Mar75]. **repulsion** [ED74, PH78b]. **required** [HP75, LN73]. **residence** [Gil78]. **residue** [Blo76]. **resistive** [DK77]. **Resolution** [Hai79, Bun73d, CCQ78, HGE74, HR78]. **resolvent** [Rei74a]. **resonance** [Dow70, PL70]. **Resonant** [Rei73, Kno75, RVD78]. **respect** [GW73]. **rest** [Ceb79]. **restoration** [JP78]. **restricted** [CP76]. **results** [Joh76, MGRK73, PMB73, Cam72]. **Review** [TO78]. **Reynolds** [Cho78a, iCS78, DG77, HR74, MS77]. **rezoning** [CC79b, HJKS78]. **Riccati** [Dav79a, Slo77, SB79]. **Richardson** [Ein76]. **Riemann** [LM74]. **rigid** [Abo78, LSM71, LM73, ML71, Sti71]. **ring** [CM73]. **ro** [Ale76]. **ro-vibrationally** [Ale76]. **rocket** [HCH72]. **rod** [Mey75]. **role** [HR74]. **roll** [Bak79, CB73]. **roll-up** [CB73]. **Romberg** [Mil70a]. **Root** [Wat71, BK76]. **roots** [Pfe79]. **rotating** [BL72, DS78, Hof74]. **rotation** [CZ79, Fox77, Wal75]. **rotational** [Bas72, Dal77, MS74, SS78, VP75]. **rough** [DS74, HC72, KB71]. **roundoff** [Fri78]. **Rudeanu** [Les73]. **Rusanov** [Got74]. **Rys** [KD76].

Saffman [Cho78a]. **Salpeter** [Fle73]. **Salzer** [Pex76]. **sampling** [TV77]. **scalar** [AB77, HPS74]. **scale** [BK78, Cla77, Dea71, Mud76, RVD78, Sch75b, TT78]. **scale-dependent** [Mud76]. **scaling** [OB79]. **scattering** [AS72, BS73, Blu71b, Bru74, BMP$^+$72, CC79a, CP73b, CW76, DS74, GW72, HK72, HP75, HPS74, Joh73, KK75, LN73, LNRY73, Mil71a, Mil74, OCS72, ON73, Rei73, RDW74, Sco79, Smi75a, SB73, Tho73, War79, Wim78, YK71]. **scheme** [AG76, AC73, AH73a, Cha76a, CC70a, CO75, DT77, FC71, GS77, Gol72, Got74, GT78b, HS76, KB79a, LS76, Lar78, Lip77, NC71, PS70, PR72,

Van77a, Van77b, Wil70, Yee72, Zin73, vL74, vL79]. **schemes** [EGZ72, For77a, Gar74, Gar78, Gaz73, Gaz76, God79, Gus80, HZ72, Ila78, MM74, McK71, PW70, Rus70, Sas76b, SG78, SS78, SGP76, Ste79a, SW75, TAG76, Van77a, Wil78]. **Schrödinger** [AIC76, All70, CG70, CFUW74, CS78, Dic72, FRRT78, GSD72, HKN74, Hat70, HH76, Ixa72, ML73, Ste77a, Ste78b, TI73, Tra71, WO78]. **Schrödinger's** [Fro73, GS70, GS71, TO79]. **Schur** [McK71]. **search** [Dow70]. **searching** [QB73]. **second** [BM79, BGP73, Cha76a, EGZ72, Gol72, GT74, KB79a, MM73, MM74, PR72, SH71a, Sco79, Ste79a, Ste76a, Tem76, Tur74, Wil71a, vL74, vL79]. **second-moment** [KB79a]. **second-neighbor** [SH71a]. **second-order** [Cha76a, EGZ72, Gol72, MM73, MM74, PR72, Sco79, Wil71a, vL74, vL79]. **section** [CM73]. **sections** [MY73]. **seismograms** [Job78]. **selected** [SGP76]. **Selection** [Hud72]. **Self** [HZ72, Kus73, BL73, BNPLD77, HL75, JCM74, LL75, SS71, Ste71, Ste70]. **Self-adjusting** [HZ72]. **Self-consistent** [Kus73, BNPLD77, JCM74, Ste70]. **self-diffusion** [SS71, Ste71]. **self-gravitating** [LL75]. **semi** [LR78, MP77]. **semi-implicit** [LR78, MP77]. **semiconductor** [Ste70]. **Semiempirical** [LW78]. **semiquantitative** [GH77]. **sensing** [CT77]. **sensitive** [Tro76]. **Sensitivity** [DG76, KDS79, CLS78]. **Separable** [BWSE76]. **separated** [KW72, Slo77]. **Separating** [CKW79]. **sequel** [vL79]. **sequence** [BW79, HR78]. **sequences** [CGR72]. **Sereny** [Sun75]. **Series** [Gas78, Bol78, Che71a, Del74, DS78, Hof74, Mor79, Pat78, Sal77, TLM73]. **several** [CS77, SBPH73, Sod78]. **shallow** [Gus71, SW70, Vre79]. **shallow-water** [SW70, Vre79]. **shape** [DS75]. **shaped** [TM70]. **Shaping** [EH74]. **sharp** [Cha75, RT76]. **SHASTA** [BB73]. **shear** [KC72]. **sheet** [CB73, Cho78b, ZG73]. **sheets** [Bak79]. **shell** [LS78]. **shells** [Ryb70]. **shifts** [Kau72, Kau73, RDW74]. **Shock** [CC71, CG76, AG72, CC70b, HZ72, WO75]. **shocked** [Lap71]. **shocks** [RZ75, Vie73]. **Shooting** [CK71, BL72, CP73a, Jon73, KH75b]. **Shuman** [SW76]. **sided** [DW78]. **signals** [Cum75]. **significant** [ME72]. **significantly** [HP76]. **similarity** [DE70]. **Simple** [Foo73, AH73a, CT77, CC79b, Gar76, MS78a, NR71, Orl76, TR76, Tro76]. **simplest** [TR72]. **simplex** [MC72]. **simplified** [AH70, Pev71]. **simulated** [Lin70, Wil71b]. **simulating** [Gil76]. **Simulation** [Bir71, Har78, Mat70, RD75, AMI75, And75, Bir77, BL75, BL73, BKL75, Bra76, BKM73, BGL74, BNPLD77, Cam71, CLB74, CO75, CO77, Chr73, Den72, Den74, EEJ79, Gil78, GJ75, HLM$^+$76, Hew74, HN78, JKAR77, JB72, Kno73, KS74b, KDR73, Lan70, Lan73, Lan79, LTD79, LO78, LSW72, Lew72, LN75, NTK79, Oku72, RVD78, SK72, Ste77b, TA77]. **simulations** [BCCH78, GJ73, JJGG78, Joh76, Mil76, Sch75b]. **simultaneous** [Les73, Raf79]. **single** [HG79, LW78, RS72b]. **single-particle** [LW78]. **single-valued** [RS72b]. **singular** [CI74, DS74, FPM76, FGW73, Ise73, PH70, TI79]. **singularities**

[CF78b, Dav79a, TI79, WM71]. **singularity** [Lyn76, PCJ76, War79]. **sinh** [McD74]. **sinh-Poisson** [McD74]. **Sixth** [GW72]. **Sixth-order** [GW72]. **size** [HW75, SS76, Two75]. **sized** [AMI75]. **Skan** [CK71]. **slab** [Bun73c, EHMM70, HSM74, KSV70, Shu73]. **slabs** [Cla73]. **slightly** [Bai78]. **slip** [Bar78, Tay70]. **sloping** [SW70]. **slow** [Dev74]. **Slowly** [Coh76]. **Small** [MY71, Cla77, Hub71]. **small-scale** [Cla77]. **Smooth** [CS78, Fos73, RS72b, TG77]. **smoothing** [ASM71, Bol78, Den72, Ste79a]. **solid** [Hol77, KH75a, NRH71]. **solids** [And73, Gil72, GDZK70, LSM71, LM73, Sam71, Vie73, Whi74]. **solitary** [Cha74, EM77]. **Solution** [BM77, Cho73, HK72, Jon73, KH75b, ML77, MR73, MAT74, PR72, RS72a, AG72, Abo78, ASM71, AIC76, AW74, All70, AGGM79, Ant76, AB77, AHMB74, BS79, BR74, BKC72, BE79, Bos70, BGP73, Bru74, Bru73, Cam71, CG70, Can71, Can73, CP73a, CGF74, CFU74, CFUW74, Cel76, Cha74, CD78b, CN75, Cho76, CP79b, Cor75, CM74, CF78b, Dav77, Dav78, DS74, EB79, Ede73, EGV78, EHMM70, EH73, FRSW79, FM73, FMW76, FB79, Fro72, Fro73, Fro78, GS77, GCS75a, GCS75b, Gaz75, GS78, GH77, GS70, GS71, GSD72, GO77, GM79b, HZ79, HKN74, HE78, Hat70, Hau79, HH76, HS76, Hil78, Hil79, HD74, HPZ78, Jam77, JB75, JSK72, JPC72, Kan76, KSV70, Ker78, LWH78, Les73, LC72, LoD70, LM74, MdVD73, MGRK73, Mar78, MS74]. **solution** [Mar75, MWW76, MM73, MS79a, ML73, MC73, Mor70b, Mor71, O'B69, PB76a, RB77, Rid79a, Rid79b, RB71, RS76, SS76, SK77, SC72, She79, SG76, SG77a, SG77b, SG78, SH71b, SBD75, SB75, Smi75a, SW79, SV78, Sul72, Swa74, Swe73, Taf76, Tak76, Tay70, THM78, Tem75b, Tem79b, TI79, Tho73, TO79, Tra71, TT78, War79, WS78, WH75, Yee70, Yee76, YL72]. **Solutions** [Gra76, Ale76, And74, AH73c, BBA73, BD79, Coh78, DM73, EJ73, Han72, Hir75, HCH72, KM78, McD74, Sch77, SAK75, Ste77a, SC73, TTMW77, Thi78, WM72, WE77a, ZR73]. **solve** [OA78]. **solver** [BT79]. **Solving** [Mey75, AH73b, Blu71a, CCV72, CK71, DL72, DC74, Dic73, DE70, FPM76, Fle74, FRRT78, Gus71, HB77, Ixa72, KB79a, KB79b, Lau71, Le 72, MM74, Nic75, Rea70, SK74b, TNM72, Tru72, Was72, Whi79]. **Some** [Bee76, Hun78, MB71, OU78, Tem79b, AM79, Bel70, BEH76, BL73, Dav73, FPM76, FH74, HP75, Job78, LSW72, Lyn76, SS78, Win78]. **Sommerfeld** [Gas78]. **source** [Bar72, Jam77, OA78, WSW78]. **space** [AS72, Bar70a, BWSE76, BJ77, CD78a, CK76, Den72, EF77, FJ71a, Gaz73, Gaz75, GM70, Kus73, Lin75b, Mil70b, Mor79, Mor78, Str77, Wil70, Wil78]. **space-charge-flow** [Kus73]. **space-time** [BJ77]. **sparce** [Raf79]. **spatial** [BK73, HH77, Lan70, Oku72, OS74, Sch77]. **special** [GH73, OU78]. **specified** [Dic72, WGS72, WS73]. **spectra** [Bud79, CCQ78, DGGJ75, Dow70, EF77, MY73, PB75, VP75]. **spectral** [Gil72, Quo76b, Roa78, SK75, SE76, Tan79]. **spectroscopy** [JCM74]. **spectrum** [ASM71, BM79, Gru78]. **speed** [KSV70, RT76]. **speeds** [HA71, HAC74, Pra75]. **sphere** [AYMS71, LL75, OU78, Sti71, Swa74, Yee76]. **spheres** [DS78, MR71, Tan79, WK79]. **spherical**

[AHMB74, Blu71b, CP73a, Kaz70, LS78, dAPM77, dAPM79, MC76, Ryb70, Vie73, Wil71a, Wil71c, Zin73, de 77]. **spheroidal** [OU78]. **Spin** [Ben79, BKL75, BB71, Dow70]. **Spin-adapted** [Ben79]. **spinor** [Hil79]. **spline** [Fle74, Tak71]. **splines** [Dav78]. **Splitting** [SG78, GS77, Jon79]. **splittings** [Run75]. **square** [Bey71, CP76, Quo76a]. **squares** [BH78, BDPH76, Cur70, Dow70, JPC72, RF71]. **stabilities** [ML71]. **Stability** [Bru74, GL76, GJ73, Ila78, Jon79, Ste79c, BL72, CD71b, Fro72, GT74, Got74, McK71, Mil71b, SW76, Sch75a, SK74b, Tay70, TR76, Tur74, WH74]. **Stabilization** [CM74, Van74]. **stabilizers** [EGZ72]. **Stable** [Ale76, AK72, HS76, PS70]. **staggered** [SS76, Swe73]. **standard** [Ama77, BDPH76, Col74]. **stars** [Hoh72]. **start** [Ste77b]. **started** [Ceb79, PL75]. **state** [AYMS71, BLV76, CGF74, CR75b, Emp70, FR77, HH76, Lad71, Ros77, RF71, Sch77, YL72]. **states** [AMS73, Bas72, Bud79, JCM74, Kno75, Lav73, PPP76]. **static** [JN71]. **stationary** [Hoh72, MR73, Wei78]. **statistic** [JMW77]. **Statistical** [BL75, Hub71, VW77, BK73, Cha73, CM76b]. **statistics** [MR71, TR72]. **Steady** [GL78, Ros77, Bri74, DIC79, FR77, Hof73, HN70, Sch77]. **steady-state** [Sch77]. **steam** [HM75]. **steep** [Bar72]. **Stefan** [BJ77, BJ79]. **stellar** [Taf76]. **step** [Gar74, Hud72]. **stepsize** [Hud72]. **Stiff** [Gel72, BG70, Ros77]. **stimulated** [Har78]. **STO** [Rei74a]. **stochastic** [Gil76]. **stochasticity** [FS73]. **Stockmayer** [Ves77]. **Stockmayer-type** [Ves77]. **Stokes** [AB77, Bar78, BM77, Chi76, GCS75a, GCS75b, HB77, PR72, SB75]. **stopping** [KB73]. **strategy** [BH72]. **stratified** [BL72, Cha76a]. **stream** [Bar78, BGL74, Roa70]. **street** [Pat78]. **strength** [CC70b]. **strengths** [Dic72]. **stress** [AH73b, Chi70]. **stretching** [HU74]. **strong** [Lie78]. **strongly** [Jac73]. **Structural** [Båt78]. **structure** [ME72, WS73]. **structured** [GJY75]. **structures** [HC72, MPB73, NH73, PMB73]. **studied** [BGL74]. **studies** [CGG$^+$78, Hof73, Mil71b, NP74]. **study** [BD73, CF76, CS70, Che71b, Cor74, DGGJ75, EM75, EM77, For77b, FS73, Men74, Quo76a, Quo76b, TNM72, Vre79]. **studying** [Foo73, FT77, LO78]. **Sturm** [Bai78, Har76]. **style** [RB71]. **subdivision** [CS73b]. **Subgrid** [Bun73d, Sch75b, Dea71]. **submerged** [NH73]. **subprograms** [Ada78]. **subroutine** [RS72b]. **subroutines** [Sca71]. **subsonic** [KW72, Raj73]. **Successive** [BE76, AF79, Rig79]. **such** [BO75]. **Sufficiency** [Roa70]. **sum** [WE77b]. **Summary** [Bol78]. **sums** [CF77, Gru79, LH72, Pev71, Stu78, Wim78]. **superconducting** [Bar73]. **superconductor** [AGGM79]. **superconductors** [DM73]. **superposition** [FJ71b]. **Supersonic** [Chu70, CH73, FR77, Hof73, HN70, MB75, Men74, SAK75, TM70, WCL78, Wei78]. **Suppression** [WD78]. **surface** [CC79a, CC71, CC70b, Cro70a, DS74, DG77, EC72, Eis79, HCB70, MS74, NH71, NH73, RS72b, Swa74, Yee76]. **surfaces** [Bro79]. **survey** [DM79, Sod78]. **Sweden** [Båt78]. **swirling** [LC72]. **SYMBAL** [CJ74].

Symbolic [CH70, AH73c, OFM71, PKPR72, RB71, Sto77]. **Symmetric** [BS70, BH78, BK76, Dav75, HF71, Lap71, SBPH73]. **Symmetry** [Blo73, Flo77, Bud79, JE74, Pac74, Sch70, SS78]. **system** [Bra76, CF76, Cla73, Eis78, EGV78, GW73, Hat70, RT79a, RCB77, SK72, SS78, TTM74]. **systems** [AG72, BW76, BR71b, BG70, BKL75, Cho76, Coh76, CD71a, CLS78, DG76, EB79, FS73, Fro73, GS78, Gel72, GM70, Har76, Hed79, Hub71, HCH72, JH74, Ker78, MM73, MM74, MR71, Nic75, Rig79, Ros76b, Ros77, RNP78, Rus70, Sco73, Slo77, Sod78, Sti71, Sto78, Taf76, Tem75b, TTMW77, TTM77, Vin74, Wes78]. **systems-The** [AG72].

tables [HM75]. **targets** [Rei73]. **technique** [Abr73, AG75, AH70, Bak79, BKC72, BB71, CP74, Cho71a, CC79b, God79, GJA79, HAN76, HE78, HRY73, Hir75, JD74, Jon79, KB79b, KH75b, Mil70a, MPB73, PMB73, RT76, Roa78, RS74, SW76, SG77a, YL72]. **techniques** [Dow70, EC72, Jon73, LK73, Lyn76, Mil74, Nic75, RDW74, RS72a]. **Telenin** [Men74]. **temperature** [Mod75, RR70, Tak71]. **temperatures** [WK79]. **Tensor** [DR79, Ben75, CB71]. **terms** [OA78]. **terrain** [Cla77, HC72]. **terrain-following** [Cla77]. **testing** [Joh76, RLT78]. **their** [Tem79a]. **theorem** [EJK+73]. **Theory** [Che70, CO75, Squ70, BH78, Boy74, Cha73, DS74, FPM76, HH77, Jen78, KSV70, KH75a, LN73, ME72, Mil71a, OCS72, ON73, Pat71, PH78a, Sco79, Wim78]. **thermal** [Hoc71, Mor70b, Mor71, MN73, MN74]. **thermally** [DC74, Har78]. **Thermodynamic** [NRH71, Che71b]. **thermodynamical** [Mod75]. **thermodynamics** [BK73, MT78]. **thermoluminescence** [Har78]. **thermonuclear** [AL76]. **thin** [Bar73, Blu71a, CW76, MPB73, PMB73]. **thin-film** [Blu71a]. **thin-wire** [PMB73]. **Third** [BM70, Tem75a, BJ79, Got74, Rus70, Ste79a, Ste76a]. **third-order** [Got74]. **thorough** [PF74]. **those** [Tem79a]. **Three** [DG77, MB75, AG76, AB77, BLV76, Bri74, CO77, CH73, DIC79, God79, HC72, Lad71, Lar78, Lau79, LN75, NR71, NC71, NH73, OFM71, Pra75, RL72, RS72b, SK75, Sch75a, WCL78, Wei78, WE77a, BWSE76]. **three-body** [OFM71, BWSE76]. **Three-dimensional** [DG77, MB75, AB77, Bri74, CO77, God79, HC72, Lar78, Lau79, NR71, NC71, NH73, Pra75, RL72, RS72b, SK75, Sch75a, WCL78, Wei78]. **threshold** [BH78]. **tidal** [MGRK73]. **tilted** [Quo76a]. **Time** [Gaz76, Mar78, Moc76, Pre78, Bol78, BJ77, BK78, Cha76a, Cho73, EGZ72, FR77, FC71, For73, Gar74, Gil76, Gil78, GT78a, GK79, HPZ78, JJGG78, Jon79, Lan79, Lin75b, MPB73, Pac74, PMB73, RVD78, RB77, RB72, SGP76, Ste71, Wat75, Wil70, Zin73]. **time-centering** [For73]. **Time-dependent** [Mar78, Pre78, GT78a, HPZ78, JJGG78, Pac74, RB72, Wat75, Zin73]. **Time-differencing** [Gaz76]. **time-domain** [MPB73, PMB73]. **time-marching** [FR77]. **time-splitting** [Jon79]. **times** [Hoc71]. **tokamak** [BK78, HMR77, KB79b, MKMR77]. **tokamaks** [DGGJ75, JJGG78]. **TOMCAT** [TTM77]. **topography** [GCS75a, MS78a]. **toroidal**

[CO77, GJ73, GJ75, JKAR77, JDG+79, Ste78a, WJD70]. **torsional** [LS78]. **Trace** [FB76]. **Traces** [Lie78]. **transfer** [Bar72, CHS78, CGN70, GH73, Men74, PS72, PPS74, PF79, Smi75b, SC73]. **Transfinite** [HM75]. **Transform** [EJ73, AG75, DM79, Gaz76, Lon72, Pex76, SG76, Voj73, Abr73]. **transformation** [AMS73, Bai78, Bar72, Chu71, Cla77, Flo77, GCS75b, PF74, PH78a, Ros71]. **transformations** [Ben72, EEJ79, HG79, OB79, RZ75, Slo77, ZR73]. **transforms** [Abr75, DW78, Ein76, GO77, HPZ78, Lad71, Le 72, MB71, Ng74, RB72, Sal75, Sal76, Tal78]. **transient** [FB79, MdVD73, Pra71, Sch77, SK78, SB75, Ste79b]. **transients** [HCH72]. **transition** [Fre73, Gil78, RNP75, VW77]. **transmission** [WE77b]. **Transonic** [Ken70, Eis78, Kor78]. **Transport** [PF79, SS71, And75, AL76, BBH75, BB73, BB76, Bur78, CP73a, CS76, CC79b, EHMM70, FC71, HMR77, HK72, HP78, KSV70, KB79b, MKMR77, OS70, RR70, RB72, Zal79]. **Transport-diffusion** [PF79]. **transport/Fokker** [MKMR77]. **transsonic** [Bel70]. **transverse** [CD78a]. **trap** [Pat71]. **trapped** [Dav79b]. **treatment** [CHS78, CR75a, CI74, JE74, Kov70b, LG74, MB77, NR71, RZ75]. **tree** [WL71]. **triangular** [Che71b, FB79]. **tridiagonal** [Tem75b]. **TRIGMAN** [CJ74]. **triplet** [JCM74]. **Troesch** [CN75, Jon73, KH75b, RS72a, RS76]. **truncated** [Che71a, JMW77, TLM73]. **truncation** [DS78, Pat78]. **turbulence** [For77b, FO73, GA72, GP70, JB72]. **turbulent** [KW72, LC72, Pop78, Sch75b, THM78]. **Two** [BS73, HMR77, OB79, SA73, SK78, Vre79, AG76, ASM71, AW74, Ant76, AB77, Bar70a, BR74, Blu71a, BJ77, BGL74, BK78, CF76, CFUW74, Cha76b, CN75, CC70b, CM76b, DS78, DL72, DW78, EH74, FRSW79, FR77, FO73, FRRT78, FS73, Fro73, God79, GM70, Gru79, HH77, Hoc71, Hof74, Jon73, Jos71, Kno75, KH75b, Lad71, LN75, LR78, LK73, MB77, MPS75, McD74, MD78, MAT74, MS77, NR79b, PR72, PS76, RT76, RT79a, Rid79b, RS72a, SK75, Sha70a, SG77a, SG77b, SG78, SB75, Ste79c, Str78, TTMW77, TTM74, TTM77, Tro76, WCL78, Wil70, ZHR79]. **two-** [AB77, God79, SK75]. **Two-center** [BS73, CFUW74, MPS75, PS76, RT79a, Sha70a]. **Two-dimensional** [HMR77, SA73, SK78, BR74, BJ77, BK78, EH74, FRSW79, FR77, FO73, FRRT78, Hoc71, LN75, LK73, McD74, MS77, PR72, Rid79b, SG77a, SG77b, SG78, SB75, Str78, TTMW77, TTM74, TTM77, WCL78]. **two-electron** [Cha76b, Fro73, MD78]. **two-fluid** [Ste79c]. **Two-layer** [Vre79]. **two-particle** [CF76]. **two-phase** [LR78, RT76, Ste79c]. **two-point** [AW74, Ant76, CN75, DL72, Gru79, KH75b, MAT74, NR79b, RS72a, Tro76]. **two-sided** [DW78]. **two-stream** [BGL74]. **type** [DM73, Gat75, Gru79, Ics70, LN73, TI79, Thi78, Ves77, Wim78].

ultimate [Van77a, Van77b, vL74, vL79]. **Umbrella** [TV77]. **unbiased** [Kov70b]. **unbounded** [GO77, Orl76]. **unconditionally** [PS70].

uncorrelated [EF77]. **underwater** [FM78]. **unequal** [Bol78]. **unfolding** [ASM71]. **unified** [GP70]. **uniform** [DS75, OS74, Ste79a]. **Uniformity** [HR78]. **unsteady** [Cho73, FE72, OB79, PR72, TM70, YL72]. **unsymmetrical** [HN70]. **upon** [Mor79]. **Upstream** [Van77a]. **Upstream-centered** [Van77a]. **Use** [AH73c, Bos70, Dow70, Ein76, Le 72, MC72, RB72, SL72, SK75, Bee76, CGN70, CC79b, CD71a, Dav78, FGW73, GCS75b, GL77, JCM74, McK71, Mud76, SK74b, Wil71c, dR72]. **used** [ME72, Roa70]. **useful** [Bai78, Bar72, Cam72, CJ74, NG72]. **using** [AMS73, And75, BH78, BM79, Cav75, CO75, CN75, Cho78a, Cla77, CH73, CG76, DL72, DGGJ75, FPW73, FB79, Gra76, GJ75, Gru79, GM79b, HRY73, HS76, HB77, KD76, KK75, Kus73, MH79, MS77, NR79a, NR79b, PR72, PL75, PB76a, RB71, Slo77, Ste79c, Sto77, TTMW77, VT77, Whi79]. **Utility** [BS79].

V [vL79]. **vacancies** [LM73]. **vacuum** [AHMB74]. **valid** [GJA79]. **Validity** [Mil76]. **value** [AW74, BS79, Bol78, Cel76, CP73b, Chi75, CN75, Dav73, DL72, Det79, Dic73, EC72, FPM76, GH77, HD79, Jon73, KR71, KS73, KH75b, MAT74, Moc76, Mor70a, NG72, NR79a, NR79b, RS72a, Sas76b, Sco73, Tro76, Tru72, WD78, Wat71, WM72, WH75]. **valued** [RS72b]. **valves** [Pes72]. **vapor** [WCK71]. **vapor-liquid** [WCK71]. **Variable** [Van70, Fle79, HD74, Hud72, Kau72, MB77, Mil70a, Sal77, Sam71]. **variable-step** [Hud72]. **variables** [GM70, Mor78, Tal78, Wil78]. **Variance** [MH79]. **variation** [TI73]. **variation-of-parameters** [TI73]. **Variational** [FM78, Lew72, MPS75, PS73, Sas76b, Bar78, LNRY73, OCS72, ON73, PS72, RG75]. **vector** [AB77, Ben79, CM76a, Mor79, OS74]. **vectors** [JMW77, MC78]. **velocity** [PT75]. **very** [SBPH73]. **via** [Cam71, RB77]. **vibrational** [Båt78, Bas72, EJK$^+$73]. **vibrational-rotational** [Bas72]. **vibrationally** [Ale76]. **vicinity** [NH73]. **view** [Gel72]. **viscoelasticity** [Lon72, Voj73]. **viscosity** [DR79, HW75, HD74, Lut71, Roa72, She79, Str78, Whi73a, Whi73b, Whi74]. **Viscous** [Hof74, BE79, BD73, Bri74, Cro70a, Cro70b, Eis78, GM79a, Hai79, HLB79, MB75, MS70b, MC73, MY71, RL72, RK77, TNM72, TTMW77, TR72]. **Vlasov** [CGF74, CK76, Che77, EJ73, GS77, Gaz75, JKM71, Lew70, SK74a, SG76, SG77a, SG77b, SG78]. **Volterra** [Cha73, Kni76]. **Volume** [Ano72d, Ano73a, Ano73b, Ano73c, Ano74e, Ano70a, Ano70b, Ano71a, Ano71b, Ano72c, Ano75c, Ano75d, Ano76b, Ano76c, Ano76d, Ano77b, Ano77c, Ano77d, Ano78c, Ano78d, Ano78e, Ano78f, Ano79b, Ano79c, Ano79d, Ano79e, Hol77]. **volumes** [EF77, MR71]. **Voronoi** [BDF78, Fin79]. **Vortex** [Cho78b, Bak79, Bos70, CB73, Pat78, She79, ZG73]. **vortex-ADI** [She79]. **vortices** [Cho78a, Chr73, MS77]. **vorticity** [Bar78, Bea71]. **Vries** [CG77, GM76].

wake [Bos70]. **walk** [AF79, Cho78a, MS77]. **walks** [Gil78]. **wall** [KC72].

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