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Title word cross-reference

$(1+1)$ [Cor87]. $(1/2, 1/2)$ [Mar87]. $(2+1)$ [Cor88]. $(d+1)$ [Sch86a]. $1-\mu||x||^z$ [de 88]. $1/2$ [TS81, KLS88a]. $1/f$ [MS83b, NT81]. $1/r^n$ [KH82]. $1/|x-y|^2$ [ACCN88]. $100 \leq \Gamma \leq 160$ [HMV84]. 2^n [Kai82]. 3 [BDS86, DC89, Zha89a]. 4 [Lin87]. 8 [Lin87]. ^{3} [HP85, deV85]. ^{4} [HP85, Tou89]. $_2$ [BR80, BWdF88]. $_3$ [BWdF88, CR86]. $_z$ [BWdF88]. A [Rue86a, Vai89]. A_gRB_{f-g} [Spo83]. A_n [KY88b]. $A_n^{(1)}$ [KY88b]. B_6 [Kra82b]. B_7 [Kra82b]. β [GGP86]. $\beta^2 < 8\pi$ [LSM89]. $\beta \geq 2/\delta$ [New87]. d [BL85, O'C84a, OB84, dSVT87, YHM80]. $d = 2$ [GS85]. $d = 2 + 1$ [BP89]. $d = 2 + \epsilon$ [SH82]. $d = 3$ [ST81b]. D_n [KY88b]. $D_n^{(1)}$ [KY88b]. δ [OP89]. $dv = 2\Delta - \gamma$ [ST81b]. $g_0{:}\,\phi^4{:}_d$ [BK81]. γ [MIH86, SD86]. $\Gamma = 2$ [CFS83, FJS83]. H [AC84, BS89b, Del84b, Mar81, Pia87]. $i(\pi/2)$kT [Wu86]. K [GGM86, MT84]. L^1 [Cer88, Pol89b]. L^∞ [Ark83]. $\lambda(\nabla\phi)^4$ [GKT84]. ≤ 2 [GM88b, GM96]. M [de 88, KST89]. $\mathbf{Z}^{k-1}$ [May85]. μ [EC81]. N [RG86a, AZ85, Bau83, Bur86, FTZ84, HR83a, Kal81, KD82a, KPS89, KST89, Kur83b, Lav82b, Sch87c, WS82]. n^{-2} [Sim81a]. $O(n)$

[ABCT86, Dup87, Lar86]. Ω [Bur86]. p [TVW89]. Φ^4 [MHB86]. ϕ_3^4 [Wat89]. ϕ_3^6 [MS86a]. ϕ_4^4 [GK82]. q [AB87b, Bin81, Haa89, LG87]. R [SD85]. R^3 [Pol88a, Pol89b]. R^n [CEK81]. $\rightarrow_{t\rightarrow\infty}$ [DF80]. S [DS83b, Sha82b]. SO(N) [Ito82]. SU(3) [GGP86]. T [GS86, Hub83]. $T < T_c$ [Ko88a]. $T = 0$ [Ruj82a]. $T > T_c$ [Ko88b]. $t^{-3/2}$ [Eva80]. T_1 [BS87b]. T_2 [BS87b]. T_c [Nel89b]. θ [AF81]. U [CR86]. U(1) [BP89]. φ^4 [Har87, HT87a, Sor88]. $x \geq y \geq z$ [WZ89]. XY [BD85, YHOF85]. y [BG80b]. Z [AV87, AV03]. $Z(N)$ [Tru86]. $Z(N^2)$ [Tru86]. Z_3 [Dot84]. Z_n [RT86, Tra86].

-adic [TVW89]. **-Bernoulli** [Mar87]. **-body** [Bur86]. **-city** [RG86a]. **-Dimensional**
[dSVT87, YHM80, BL85, Cor87, Cor88, O'C84a, OB84, Sch86a]. **-expansion** [Bur86]. **-expansion-like** [BG80b]. **-flows** [GGM86]. **-function** [OP89]. **-furcations** [de 88]. **-invariant** [Ito82]. **-matrix** [DS83b, Hub83]. **-mode** [FTZ84]. **-particle** [KST89, Sch87c, KST89]. **-partitioning** [LG87]. **-perturber** [HR83a]. **-points** [GS86]. **-shifts** [MT84]. **-spin** [Tru86]. **-state** [Bin81, Haa89]. **-step** [WS82]. **-theorem** [BS89b, Mar81, Pia87]. **-trees** [Lav82b]. **-Trinomial** [AB87b]. **-vector** [AZ85, Bau83, Kal81, Kur83b]. **-vertex** [Tru86].

1. [Nos86a]. **100** [Sug86]. **13th** [Ano87a]. **17th** [Ano88a]. **1979** [PD81]. **1984** [JKHV85]. **19th** [Ano81o].

42nd [Ano80n]. **43rd** [Ano80o]. **44th** [Ano81o]. **45th** [Ano88o, Ano89o, Ano82n]. **46th** [Ano82o]. **47** [AV03]. **47th** [Ano82p]. **48th** [Ano83s]. **49th** [Ano83t].

50th [Ano84u]. **51st** [Ano85q]. **52nd** [Ano85r]. **54th** [Leb86b]. **55th** [Leb86c]. **56th** [Ano87p]. **57th** [Ano87p]. **58th** [Leb88d]. **59th** [Leb89b].

60th [Leb89c]. **61st** [Leb89d].

Abelian [BN87]. **above** [Abr85, PSMZ84]. **Absence** [AJ81, Bau80, BC89a, BS86, Gro81d, RT81, Sim81a, ST88, vEvH85, KLS81, Pic83, Kle89]. **absolutely** [CD89b]. **absorbers** [PPK84]. **absorbing** [BT81b, BT81a, Tit84, Wei86d, WT89a]. **absorption** [Sor89]. **Abstracts** [GBD+86, LLE+83, dAHK+89]. **Acceleration** [LWS88, BH88a, DBK+86, DK86b, ME82]. **according** [Fre87, Spe84]. **acid** [MV86]. **acoustic** [DP85, Hor85, Lin85, Sch89b, SSM85]. **action** [GGP86]. **actions** [May85]. **Activated** [FCB86, Cha86, KDMS89]. **adaptive** [dH84b]. **Addendum** [Han86a]. **additional** [Ano87q, VB89]. **additive** [Gro81b, hGH86]. **Adiabatic** [DF86b, DF87, SSD82, BNMT83, BOG87, GP86b, GG87, Bur86, Gro89b]. **adic** [TVW89]. **adjoint** [KP85]. **adjustable** [AKS89]. **adsorbate** [SBS88].

adsorbed [YS85]. **Adsorption**
[SMK88, Cor89a, HFJ86, PAF84, PAF85, Pol89a, RLB86, WM83].
Advanced [Che86]. **advection** [KK88]. **against** [BP85a, LFtH88, Van88].
aggregates [HKW+85]. **Aggregation**
[EF87, AS89, BW84, Coh88, Vos84, WP82, vD89a]. **Alder** [EvB81, Oka86].
Alexander [PSZ87]. **algebra** [Dot84]. **Algebraic** [HCM85]. **algorithm**
[AKvL88, BDS86, BKLP89, Gid85, Her86, MS88a, WK84, Zha89a].
algorithms [FRY87, MS87, PGS87]. **alkali** [HGR87]. **Alley** [EvB81]. **alloy**
[Bur87, MM87]. **alloys** [HGR87, LPS85]. **almost** [CD89b, EH84, SS84b].
along [For86b]. **also** [Mar87]. **alternating** [For86b]. **always** [Lan84b].
American [Ano80o, SS84b]. **among** [Cuk83, MC81]. **amplitudes** [NL87].
Analog [SM89, FGMZ85, Var81]. **Analogue** [SLM89, SMM89]. **Analogy**
[KWL87a, BM89, Kür88]. **Analysis**
[Luc87, AKvL88, Ala87b, AN87, ADFJ89, BK88a, BLS82, CL89, CS83, Dic89, Enz81, FL85, FN83, GKN84, GV89a, HHB87, HD83, Kad86, LN84, Mag87, MHB86, NMM80, NGH82, SS82a, Uim84, VM87, VM88, VV89]. **Analytic**
[GP89a, PS82c, ST81b, SMYO83, YMS83, GP85a, Mis85, NG87, Rue81].
Analytical [HMOV87, PL87, DS87]. **Analyticity** [CCO83, CFS84, CFGK87, Kes81, O'C84a, OB84, Zah87, BGN89, Bor87, Nau87, RS84, vEF89]. **and/or**
[DGP84]. **Anderson**
[BK88b, Bov89, DLS85, GOSS86, KLS89, Sim85, Sin87, Sor89]. **angle**
[CG80]. **angle-dependent** [CG80]. **angular** [LA89]. **anharmonic**
[BMPP80, Fri86]. **anharmonicity** [vHZ88]. **animals**
[DS86c, FP87, LD87, LH88a]. **anisotropic**
[BW89, CT84, Dun85, HMOV87, Hey82, MK85b, TS81, YHOF85, vBK87].
anisotropy [ZT85]. **Annealed** [VTH86]. **annealing**
[AKvL88, Gid85, Kir84a, Mas89]. **annealings** [RG86a]. **annihilation**
[Ken83, KHNA83]. **ANNNI** [BD82, BD88, FdF86b, MZ89, Uim84].
Announcement [Ano84a, Ano86a, Ano87b, Ano89a, Ano80m, Ano81n, Ano85n, Ano85o, Ano86n]. **Announcements**
[Ano81a, Ano83a, Ano82m, Ano83b, Ano83p, Ano83q, Ano84q]. **annuli**
[MPH87]. **anomalies** [SG87]. **Anomalous**
[GN87, Mac86, MK89, WB87, WF88, Aha84, Hor85, Sta84]. **anomaly**
[Suz88]. **ansatz** [BBP87, DdVG89]. **antiferromagnet** [BSF89, KLT88].
antiferromagnetic [Cal83b, RHG89, KU86]. **antiferromagnets**
[KLS88a, KY89, Kna88, Shl80]. **any** [Dup89]. **aperiodic** [GM85, SHKM86].
Appearance [Del85]. **Application**
[LG87, MO82, Muk82, Sta84, TC84, BGM86, EN85, KTP88, KB85, KVGZ87, PP83, Rai81, Ros84, WKUK88, vBD80a, vK87a]. **Applications**
[MEvBD84, Nos86b, Bar85, Bau83, BGM84, BT85, Che86, Gre82a, RS87a, Rei84, RBHL86, Suz86a, Wes85a, Wol82, ZS88, DFGW89, GHKM89b, RS85b].
applied [BBF86, CF88a, Gee82]. **Approach**
[Cos80, Dic85, GLR86, Pia83, AZ85, CCR81, CGOV84, CCR85, cC87, FFGM88, FFG+88, Fai81, FL85, GKK87, GG87, Gra81a, HP81, HR85,

HHO86, Jen81, KMST86b, KW83, Lam88, LN84, LSM89, Mac83c, Mas89, MR87, MR88a, NM84, Par80, PW86, PC86, PC87, Ram85, SS80, ST84a, Sto86, SYG83, TS81, Tej87, VA81, Wat89, vDG89]. **approximant** [AH89, OMS86]. **approximants** [AM84, DLT88, Gib81]. **Approximate** [WRL83, DP87]. **approximating** [HW82]. **Approximation** [Wei82, CPRV89, DPST88, FdF86b, FdF86a, GK82, GK84, GvD89, GPS86, GP89a, Gro81b, Gzy82a, Hub83, KEKS83, LRS89, Mac83a, Per80, PL87, Ros84, Sek83, Sen88, Yip89, Zha89b]. **approximations** [Fye86, GBP88a, KMST86a, Mal82, Sch84, Sch85a]. **aqueous** [RSK86]. **Arbitrarily** [GG88]. **arbitrary** [LN88, Per82]. **area** [KW88, MPH87]. **areas** [IKY88]. **argon** [dSvLH89]. **argument** [MM84, vE87a]. **arguments** [SS81, SS82b]. **arising** [MV86]. **array** [Fel86, Rub86, Sug86]. **arrays** [GV89b]. **Ashkin** [Igl89, Pfi82, Sal88, dOB89]. **Aspects** [DCW85, SKO87, HR83a, HR83b, Nos83, Per87]. **associated** [Bax89, BGM84, Dot84, Mar87, Sch86a, de 88]. **associations** [HH85]. **asymmetric** [BCFN89, DN87, DS83b, Sch86b]. **asymmetry** [Nie84]. **Asymptotic** [BP85a, BMV82, Kle80, MT82, MV82, Pol88a, PS89, Rav88, RS85a, RS85b, Spo85b, Sta88a, TM88, VMB82, BCT86, BL88, DF86b, DG83, DS86c, Fon81, Fri85, Hey82, HWW82, MR83, MS86a]. **Asymptotically** [Maj87, O'C84b]. **Asymptotics** [MZ89, ADG88, Jau85, LS87]. **atom** [HW86, HJ87, Koh88]. **atomic** [Shl85]. **atoms** [SM86]. **attraction** [Wer86a]. **Attractive** [AV03, AV87, Wer84a, Wer84b, Wer86a, Wer86b]. **attractor** [Aur87a, Aur87b, Bro89, Cos80, Cur81, IM86, Kad86, KWL87a]. **Attractors** [dO88, Fal87, Gra81b, GBP88b, HK85, MR83, OWY84, RP85, ST89c, Tél83, Vai89]. **Au-type** [LPS85]. **Aubry** [VT89]. **Augmented** [Ram85, RL86]. **Australian** [Ano87o, Ano87o]. **autobiography** [Wei86b]. **autocatalytic** [PP87]. **autocorrelation** [Kir89, VH87, VH89, vBS83]. **automata** [AF86b, BS89d, CM89, Di 84, GL89a, hGH86, Jen86a, Jen86b, PW85, Pan89, PTB+89, Ruj87, Tak89, VTH86, Zab88, dS88a, dAHK+89]. **automaton** [CH87, Fro89, Gra86, RK88b, Wol86]. **Auxiliary** [Koo86, MB89]. **Auxiliary-field** [Koo86]. **Average** [NZ86, Hub83, dH84a]. **averages** [SF89]. **averaging** [ABG+89]. **avoiding** [AH89, BS85, BBAH83, CG85, Dom83, Gla88, Kle80, Law88, MS87, Mad88, MS88a, NCF88, SD86, Whi83, dFKP86, dFKP87]. **Award** [Fis84a]. **axial** [BD82]. **Axiom** [Rue86a, Vai89]. **Axiom-** [Vai89]. **axisymmetric** [SWYM87].

B [BvH89, Gro89c, Kei84]. **backbone** [LMJ87]. **background** [CJB88, For86a, GP89a, Tit88]. **bacteria** [TC84]. **baker** [EK85]. **Balance** [OS81, AFV85, DM81]. **Banach** [MR88a]. **Band** [YMS83, Alb89b, LGP85, Lor84, NL87, SMYO83]. **band-splitting** [SMYO83]. **bands** [lHyZ82]. **barrier** [FGS84, FCB86, GH82, WJS84]. **basal** [BWdF88]. **based** [CC86, HW88, HR85, Kür88]. **Basic** [EB88, Wol86, Tak89]. **Basics** [Rap87]. **basis** [Kra81, LS82b]. **bath** [FLO88, GLR86, NLSV89].

baths [Che87]. **Baxter** [Dav87, Gut86, RT86, Tra86]. **BBGKY** [GLM80]. **bcc** [Mou82, KMS87]. **be** [Rue81]. **Behavior** [DL89, FJS83, HM84, Lav87, NLSV89, AN84, AF86a, AB87a, ABCN81, ACT82, APSJ85, BNHF83, BCSY84, BF88, CGOV84, CCD86, CkM82, Daw83, DIP82, DFIP82, DF86b, DS86c, Dot84, FLNO88, FTZ84, FGN88, FN83, GS84a, Hey82, HWW82, IP86, Kad83, KBZ84, KMST86a, LPS88, tLC86a, tLC86b, Lib84, LPRV87a, MM87, Mei83, MR88b, NNK89, NT81, Nie84, NL85, NC85, ORD86, PPKP89, PAF84, PAF85, PP82, Pol88a, SK82, Tak89, Tra86, VA81, Wei85b, WO86, ZS80]. **behaviors** [YMS83]. **behaviour** [Fri85]. **Belavin** [RT86]. **Belousov** [RDRS87]. **below** [PSMZ84]. **Benard** [vBC88, EH89, VA81, ZL81]. **Bernoulli** [KLS88b, Mar87]. **Bethe** [GM96, BBP87, DdVG89, GW87b, GM88b, HS82b, PPKP89, SW87, dO89]. **between** [AGL88, BL88, BS87b, DH85b, HZ86, Kei83, KWL87a, Man84a, NR82, Pan84, RV81, Rod89, Sha82a, Van83b, VKK85, dFSZ87, 't 88]. **beyond** [Sha86]. **BGK** [BS84, GP89b, PG83]. **bias** [ADG88]. **biased** [BR86, Dom88, KB85, LMN84]. **bibliographies** [HL82]. **Bifurcation** [GKN84, BC89b, Fed88a, FL85, GS86, LLS88, ME87, SH89a, ST89c, Tél88, VMB82]. **Bifurcations** [BS89a, Gra89, KW83, CEK81, EJT87, Fox83, Fra80, GT83, KY85, LN84, McL81, MV88c]. **biggest** [LW86]. **billiard** [Mac83b, MR88b]. **billiards** [Lév86]. **Bimodality** [MBG82, CPPV89]. **binary** [DE89b, GDx82, HGR87, MM87, Mei88a, NL85, NLC$^+$86, RL80, SZ88, VD89b, Woo89]. **binary-collision** [DE89b]. **biochemistry** [HS82a]. **biological** [Bar85, Nos83]. **biologically** [PGDT86]. **biology** [Dem83, Lec85, Wes83a, Wes84a, Wes85a]. **biomolecules** [Han83a]. **biophysics** [HS82a]. **birth** [KK84]. **Bistability** [LV88, LTL87]. **Bistable** [POD87, BM88, CCRG80, CCR81, GB84, Gou86, HNMK80, HZ82, IVMA83, KWL87a, PC87]. **BKW** [Tou83]. **black** [Ale85]. **Bloch** [WKC83]. **Block** [Wat89, DvE89, GvD89, Nea80, vDG89]. **Blocking** [LBF83]. **blood** [Row85, WP82]. **Blume** [BL87, DMMSR88, FE87, WW88b]. **Bobylev** [HP81]. **bodies** [Bav89, SWYM87]. **body** [AM83, Bur86, CF89, CWD82, CWD83, Gri88b, Gro81b, GOSS86, HV85, Hoo86, kM83, MIH86, Wag89]. **boiling** [DPT80]. **Boltzmann** [Mas89, Ark83, BG86a, BFG86, Bar88b, BL88, BBS83, Cer87, Cor80, CG80, CG81a, Cor86, Cor87, Cor88, Cor89b, DF80, Del82a, Del82b, DH86a, DH86b, Dud89, EP88, Ern84, Fis84a, FBG86, Gzy82a, Gzy82b, HP81, HN82, HD87, Hoo86, Hug83, IT88, LH85, kM83, McL89, MIH86, PG83, Pol88a, Pom85, Spo81, Str87, Tou85, Tsa88, Uch88, Uey80b]. **Bond** [RG86b, vVE87, CO84, EvV86, Ern87, RK88a]. **bonding** [LS84]. **Book** [AM87a, Agm88, Bak82, Bar85, Bar89, Ben85a, Ber83, BL84, Bru88, CS86a, Col86a, Col86b, Cuk82, Dar82, Dom87, Dor83, Dor85b, DZ87, Fam88, Fox83, Git88, Git89, Gli83, Gre82a, Gre82b, Gre85, Gre86, Gre89, Gri88a, Kes88, KY85, Leb86a, Leb89a, Lec85, Lee83, Lin84, LL86, Lin88, Lin89b, MBAWP87, Mas89, Nos84, Nos86b, Nos86a, Opp80, OP81, OI82, Opp82, Opp86a, Opp86b, Opp88a, Opp88b, Opp89, Pap83, Par87b, PM82, Per84, Rap87, Rap88, Rap89,

Red89, Rei82, Rei84, Rei88a, Sen82, Sen86, Shl85, Shl88, Sil81, Sil82, Spo85a, Spo86a, Ste87, Wei82, Wei83, Wei84a, Wei85a, Wei86a, Wei86b, Wei86c, WW87, Wei87b, Wei89, WC89, Wes83a, Wes83b, Wes84a, Wes84b, Wes85a, Wes85b, Wes86a, Wes86b, WO86, Wes87, Wes88, Wes89, WP87, Wol82, Zwa81]. **Book** [bA88a, bA88b, dST86, dH89b, vK81a]. **Boolean** [GM85, Sta87b]. **bootstrap** [vE87a]. **Borel** [GKT84]. **Bose** [BP85b, FP80, MBG82, OP89, Par85, dS86a]. **boson** [FF87, LR88a, Loh86, Rag88, vdB83, vdBLdS84]. **bottlenecks** [Kog86]. **bound** [DG83, Ken82, McL82a, McL82b, Pic84, Pri81b, Sim80, Siu85, Sla83, TH84]. **boundaries** [BT81a, RW86]. **Boundary** [IT88, KMST86a, AKS89, ADM83, BT81b, BT81a, CP87, Cor89b, GKI85, JS83, Key83, Kur83a, Nau87, NKD84, Sch89b, ST89a, ST84a, VtLZ89, WT89a, WT89b]. **bounded** [KK88, Per80]. **Bounds** [BB80, GP85a, Mai87, vE85, ADS80, De 85b, FM87, Fri87, Gro83a, Gro83c, Guj82, KK88, Lav82a, Lav82b, Mon85, Pea81, RR82, SS89, Sok82, Tas85, vE87b]. **Boyle** [Shl85]. **branched** [DC89]. **branching** [Spo85b]. **breakdown** [KLS81, LN85, Pic83, PW84, RK88a]. **breaking** [BF81a, BC89a, KR85, LN84, LLS88, NB87, Sim81a, ST89c]. **breath** [FKRB88, FKRB89]. **brick** [YNS86]. **brickwork** [FdF86a]. **Brillouin** [SC87]. **broadening** [HR83a, HR83b]. **Broadwell** [Uch88]. **Brownian** [CDK89, CH88b, Cha82, CR81, Cuk82, Gee82, KM87, MK83a, MK84, MK85b, Maz81, Oka86, RV85, Rou87, RB88, Rue86b, SS80, SSD82, SB88, Skr84, Spo87, ST87, Wei86a, WT89b, vK86]. **bubble** [KSF89]. **Bulk** [XS89, MS82a, SKS82, Tor86b]. **bump** [BCD89]. **Bunde** [dH85a]. **Bunimovich** [Lév86]. **Burgers** [DFV89]. **Burnett** [HT88]. **Búttiker** [BL90, SH89c]. **BZ** [Fif85].

C [Kei84]. **C.** [Wag83]. **Cahn** [NC85]. **calculate** [DZVS84, Tou85]. **calculating** [KSF89, PS87]. **Calculation** [GV89b, kM81, DL82, NHH88, SD86, SF89, ZBS86, dSCKP89]. **Calculations** [Mut83, BBP87, EW81, EW84, EW85, HMV84, PPK84, Reb86, SM86, SIK86, VH89]. **calculus** [Fox87]. **call** [Wei87b]. **can** [Doi89, GN83]. **Canberra** [Ano87o]. **Canonical** [CT80, FO89, LH88b, Bon85]. **Cantor** [Süt89, VT89]. **capable** [HH85]. **Capel** [BL87, DMMSR88, FE87]. **capillarity** [Per84]. **capture** [Ken83, PPK84]. **caricature** [BDS83, DML82, DPST86, DPST88, KSS87]. **Carleman** [CDPP89]. **Carlo** [Rap87, Ber86, BS85, BK88a, BK80, BW89, dAB87, BF88, BSF89, BBAH83, CC86, CLWH82, CDM86, CG85, Cep86, CS86b, DL82, DC89, FOU86, Gla88, GWU86, Gut84, HW82, HW86, HGR87, HHB87, HR82, HMV84, JS83, JMS83, KW82, KTB86, KL83, Koo86, Kun86, Loh86, MS87, MS88a, Mei83, MGJ89, MS86b, Mut83, Neg86, PSZ87, PGS87, PA88, Rap89, RBHL86, SS89, SM86, SF89, Sug86, STA88b, Suz86a, Swe84, TWB86, WZK84, WK84, Zha89a]. **Cascades** [Uim84]. **case** [AKvL88, HHO86, Jan89b, Jan89c, KMS87, Maj89, VD89b, ZD88, KN87].

Casimir [HT87b, HT88, Tit88]. **catalysts** [PAF84, PAF85]. **Causal** [SG81]. **cavity** [ACS89, BG82, CGVG83]. **Cayley** [HKW+85, HKLW87, HM84, ITH83, MTA85, MH81, Pri86, Tho82a]. **CECAM** [JKHV85, dAHK+89]. **CECAM-Workshop** [JKHV85]. **cell** [BM84b, Han83b, HK85, KH86, KK85, OY87, Sta88a, Sti80, WP82, vBC88]. **cells** [BvH89, Row85]. **Cellular** [Ruj87, Wol86, BGWY85, BS89d, CM89, CH87, Di 84, Fro89, GL89a, Gra86, hGH86, Jen86a, Jen86b, PW85, Pan89, PTB+89, RK88b, Tak89, VTH86, Zab88, dS88a, dAHK+89]. **cellular-automaton** [RK88b]. **center** [AS89, KW83]. **center-manifold** [KW83]. **centers** [JW89]. **Central** [CG81b, FHT88, Kür88, Rez81]. **certain** [Bra88, BS86, GG83, KP85, Kna88, Req82, SG88, Spi85, vEvH85]. **chain** [AF86b, AP89, Cal83a, Fra86, Gut84, KPS89, KH82, Mei88a, Pan84, PT86, Red81, Ros86]. **chain-preferred** [Pan84]. **chains** [BTZ85, Bro82, BT89b, Con88, EW88, Gid85, Guj82, HCM85, HGPRS89, KS85, KW81, Kun86, NL85, NLC+86, NL87, Sin82, VB86]. **Chance** [Red89, Wei86b]. **change** [HR82]. **changes** [FLS86, KFB89, OWY84]. **channels** [KN85]. **Chaos** [Git89, Nos86a, Okn88, Shl88, FKP88, Git88, Gri88a, GS84b, MKK89, RFH88, Sch87a, Sch87b, SYOM84, Ste89, Tél83, TG81, Wes85b, Wes89, YMS83, Nos86a, Wes86a]. **Chaotic** [LPRV87a, NNN89, Wei85b, ACT82, BM84a, CPV88, Doi89, GN83, GR89, GNKW89, lHyZ82, IM86, Lib84, McL81, OWY84, RP85, ST89c, WO86]. **Chapman** [qC81, qCeY81, LM86, dH89a, vK87a]. **character** [PS82a]. **characteristic** [Ala89, Sch87a, Sch87b, dO88]. **characteristics** [LGP85, Sch85c]. **characterization** [HN80, Tor86b]. **characterizations** [Fei87b]. **charge** [Ken82, MY80, Nie84]. **Charged** [Bor87, For86a, AJ84, EP88, For86b, For88, LM84, Pia84]. **checkerboard** [LW88, Lin89a]. **Chemical** [Hyn86, Ade86, AKN84, Blo81, BGM86, BM88, DM81, DBW81, Els84, Fox83, FN83, GHKM89a, GHKM89b, Jan89a, Jan89b, Jan89c, MPH87, OY87, POD87, RR82, SHKM86, Yeu89, ZR87, Wes86b]. **chemically** [Uey80a]. **chemistry** [RBHL86, Wei83, Wei84a, Wei86c, Wes85a]. **chemotaxis** [TC84]. **Chippewa** [dF86a]. **chiral** [Bax88, Bax89]. **chromatic** [LG87]. **chromodynamics** [GKT+86, Kog84]. **Circle** [RL80, JJ86, Lan84c, May85]. **city** [RG86a]. **Clarkson** [Ano88o]. **class** [ABF87, BGM86, CP82, Del85, Gie89, HN80, HD83, iKOS85, iK87, LOS88, MT84, OB87, PW81, ST88, ST89b, SS83, Tra88]. **Classical** [DB89, Hee82, Jan82a, Jan82b, Pol88a, Rad84, Sch89a, AJ84, AM85, Ala87a, Ala87b, ACH88, AFV85, ABCT86, BP85a, Bau83, BCG+80, CLWH82, Cal83b, Cha86, CC84, CFG80, CPR86, CPR87, CPRV89, DD85, FVV82a, Fon81, FM84, FP80, FS81, Gie89, Gri88b, GLM80, HW85, HMV84, Jan84, Jen81, Kal81, KIM86, Ken82, Kie89, KSF89, LO85, LM84, MNT85, MCDK85, MKDC85, MY80, MMSP84, NLSV89, O'C84b, Par82, PS88a, Per80, Per82, Per86, Per88, PT87, Rad86, Roe81, RRO88, Sch85a, Sch86a, Sin83, TG88, Tar87, Zwa83, Omn88c]. **Classification** [Bro81, Jau85]. **Clausius** [FFC83]. **Clerk** [Fis88]. **clos** [LBF83]. **close** [Kho87, SI87, Skr84]. **closed**

[SV80, ZS80]. **closure** [Blu80]. **closures** [DK86b]. **cloud** [Pet87]. **Cluster** [FFC82a, KW81, AA88, ADS80, An88, BW84, BWdF88, BK80, BPK82, CF88c, DS84, FFC82b, HW82, HR83b, JKHV85, Lu87, MN84, Mor84, Ngu88, Oli88, Par82, Phi82, Red82, Sch84, Sch88b, Tas87, PS88b]. **cluster-variation** [Sch84]. **Clustering** [Ito82, BG84, LPW81]. **clusters** [Coh88, DS83a, GM84, HKLW87, Lam89, Man84b, NH88, NS81, PLM$^+$81, TWB86, Web84]. **coagulating** [vDE87, vD87]. **Coagulation** [HEZ83, Lu87, vDE86, vDE88]. **Coarse** [GKK87]. **Coarse-graining** [GKK87]. **Coast** [Ano81p, Ano82q, Ano85a, Ano86q, Ano87a, Ano88b, Ano89b, Ano84v]. **codimension** [GS86]. **Coding** [Kre80, BS89d, WZK84, WK84, Zha89a]. **coefficient** [Gib81, NL85, VH87, VH89]. **coefficients** [AB87b, Del84a, GH82, Kra82a, Kra85, Rai81, SSD82, Spe86]. **coexist** [DdGM89]. **Coexistence** [MV87, MV88b, BKL83, Nar82, Req83, Req88]. **coherence** [Row85]. **coherent** [Suz88, Gro81c]. **coherent-anomaly** [Suz88]. **coil** [PS88d]. **Coincidence** [Wer88]. **Collapse** [DS86c, LD87, Lam89, Sal86, Sti80]. **Collective** [Bis82, Per89, DZ87, YS85, dSC82]. **collision** [BGM86, CdS87a, CdS87b, DE89b, kM83, McL82b, MPH87, HR83a]. **collisionless** [VKK85]. **collisions** [KLPS83a, KLPS83b, Kiv88, Rie85]. **Colored** [KDMS89, AN87, DMM$^+$89, DM87, HDL89, SS80, Tou89, Val85, vK89, FFGM88]. **colored-noise** [SS80]. **colors** [dHK85]. **column** [SSM85]. **combination** [CD89c]. **Combinatorial** [VV89, LG87, Mas89]. **combinatorics** [BGH84]. **combined** [Iye86]. **cometary** [Pet87]. **Commensurate** [Sin82, UP84]. **Commensurate-incommensurate** [Sin82]. **Comment** [BCT86, EJT87, Eu84, KTP88, Man84a, SF89, Sza89, dH85a, Gut86]. **Commentary** [Yip89, Opp89]. **Comments** [MS83a, Ros84, Ros86, Kei84]. **Committees** [Ano84b]. **Common** [FGN88]. **communication** [Lan89]. **communities** [KN87]. **commutativity** [Gut86]. **commutator** [FO89]. **compact** [FP87]. **comparative** [IVMA83]. **compared** [PB83]. **Comparison** [FCB86, GG87, JS83, KL83, DH85b]. **competing** [FT88, GLM87, ITH83, MTA85, Mie89, PT86, Red81, Ruj82a, Ruj82b, Ruj84, Zha88]. **Competitive** [Wei86d]. **complete** [EW87, MG83, Uim84, dCD87]. **Completely** [DS87, BN88, BCFN89]. **completeness** [BP83]. **Complex** [GPS86, NS80, Jan89a, Jan89b, Jan89c, KP85, Lop88, MMSP84, WBKS83, dH84b]. **Complexes** [GvD89, vDG89]. **component** [ADM83, CLWH82, CFG80, CFS83, CJB88, Dic85, FJS83, For84, For88, For89a, HW85, HMV84, HS86, Jan84, Jan85, JLM85, JMM87, JLM95, LW83, Mac83a, PL87, Ros84, Sch83, SKA86, SS88b, Sin83, Sor88, VA81, Vie85, VB89, dAC87]. **composite** [GP83, SG81]. **composites** [JMF88]. **composition** [MS88b]. **compression** [Abd87]. **comprising** [Coh88]. **Computation** [KH86, Lan89, Lav82c]. **Computational** [Ker86, dST86]. **computationally** [Jer87]. **computations** [HR82]. **Computer** [BCFN89, CMM86, FKRB88, FKRB89, JE89, NNK89, Pan84, Pan89, WBL89, Ben80, CPRV89, Chr86, DST83, De 85a, FZ85,

KM88, KL83, LCY83, PLM+84, Rap88, TC84, WZK84, dAHK+89].
computers [Ben80, HBB+84, SV80]. **Computing**
[Vai89, BKLP89, Cur81, ED81, HH85, Lax86, Mas89]. **concatenation**
[BGWY85]. **concavity** [Syl83]. **concentrated** [Keh83, vBK87].
Concentration [MC81]. **concepts** [Ade86, Sta84]. **concurrent** [FOU86].
Condensation [vdBLdS84, dS86a, vdB83]. **condensed**
[Ade86, Gro85, Sca86]. **condition**
[Gut86, KSB85, Kur83a, MG83, Ngu87b, Oli88]. **conditions** [AKS89,
ADM83, Cor89b, GKI85, HN82, JS83, Key83, PS82a, Sch89b, VtLZ89, Vie85].
conducting [CDM86, FGS84, MB81]. **conduction**
[ABF+85, FM87, KSS87, SS85]. **conductivity**
[DZVS84, HK86, Hoo86, KH87, Muk82]. **conductor** [MV87, MV88b].
conductors [Die85, KLS84]. **Conference** [Ano81o, Ano83b, Ano88a,
GBD+86, Ano81p, Ano82q, Ano85a, Ano86q, Ano87a, Ano88b, Ano89b].
configurations [BCD89, CHM83, KD82a, KW88, WR80]. **confined** [Bal87].
confinement [AF81]. **confining** [Cor86]. **confluence** [DC89]. **Conformal**
[BT89a, BPZ84, Dot84, dFSZ87]. **conformation** [HR82]. **conformations**
[Bro82, BMS82]. **conjecture** [CC84, EvB81]. **conjectures** [EW87].
conjugacies [AH88]. **connected** [Row86]. **connecting** [LBF83].
connection [Red81]. **connectivities** [CCS87]. **consequence** [Büt89, Had81].
consequences [SBS88]. **conservation** [DB89, Lee87, Pan84]. **conservative**
[ZWLV88]. **conserving** [MS87]. **considerations** [BR85, LW86, Sen88].
Consistent [Gri84, Mor84, HGR87, KK85, Mac83a, NM84, Yip89]. **constant**
[Cia85, CF88b, CF89, Der83, FFC82a, FFC82b, KW88, MM87, Rod89].
constants [Fai81, PS87, WM83]. **constitutive** [Spe84]. **constrained**
[ERH85, Kle80, PGDT86, WR80]. **constraints** [MTG87, Whi83].
constructing [Fed88a, FZ85]. **Construction**
[AM84, Cor88, Fal87, Tar87, Yeu89, ZAT88, Lav82a]. **constructions**
[Man84c]. **Constructive** [DS87, GBP88a]. **consumption** [Nak81]. **contact**
[GMO89, GLR86, NLSV89, Sch85b, Sch86b]. **containing** [JMF88].
continuation [GP85a, PS82c]. **continued** [MR87, MR88a, VR85].
continued-fraction [MR87, MR88a]. **Continuity**
[Meu84, BL86, Bru88, PG83]. **continuous**
[BK81, CD89b, DDdG83, Del85, FP80, Gie89, KLS81, KLS89, MV88a,
Sch85d, Sim81a, Süt89, TL82, WWH89, Zwa83]. **continuous-spin** [BK81].
continuous-time [MV88a, WWH89]. **Continuum**
[MF83, Dom89, Kle86, WB87]. **contour** [BF81b, ST88]. **contribution**
[Ano86b, Ano87c, Ano87d, Ano87e, Ano87f, Ano87g, Ano88c, Ano88d].
contributions [Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g,
Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano81b, Ano81c, Ano81d, Ano81e,
Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano82l,
Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano82f, Ano82g, Ano82h, Ano82i,
Ano82j, Ano82k, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i,
Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano84e, Ano84f, Ano84g,

Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano85b, Ano85c, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano86c, Ano86d, Ano86e, Ano86f, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano87h, Ano87i]. **contributions** [Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano88e, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Ano89l, Ano89m, Ano89n, Ket84]. **control** [Har87, HT87a, Rub82]. **controlled** [AP89, Cuk83, MY85, MC81, WF88]. **Convection** [Wes89, EH89, Enz81, Ste89]. **convective** [AMC89, Bau85, KC83, vBC88]. **convectively** [Dei89]. **Convergence** [BPT83, Bry86, Nea80, Gid85, KD84b, Oli88, ST89b, dlL82]. **Convergent** [O'C84b, O'C84a, OB84]. **convex** [Bav89, SG88]. **Convexity** [GG83]. **cooperative** [Daw83, PPK84, Suz88]. **coordinate** [OWY84]. **copolymers** [GvD89, vDG89]. **core** [BP85b, CW81, FH85, KY88a, KvB85, MPH87, Ros84, RL80, Shi83]. **corner** [KP89a, ZAT88]. **corners** [BPP84]. **Correction** [AV03, Hee82]. **Corrections** [mMH87, Ham87, HBB88, Har87, HT87a, Kra85, Row86, SPA88, SS80]. **Correlated** [dlSLW88, BLM87, HJM89, JM86, KLW86, KWL87b, LV88, Wei84b]. **Correlation** [BF81b, CF80, Dun85, DST89, FP80, Gee82, Gra82a, iKOS85, MTG87, MS81b, Ngu87a, Sal88, Shl80, Skr84, Sor88, APSJ85, Ber86, BOP87, Cia85, CK88b, DMMSR88, DD88, Ern87, EW81, Eva80, FJS83, GS85, Kal81, KY89, Ko88a, Ko88b, KI83, iK87, KSB85, LvB89a, LvB89b, LCY83, Lin89a, LS89b, MK85a, Nos86b, O'C84a, OB84, O'C84b, Req82, Req83, SC85b, Sch88c, SS88b, Sok82, VB80, Wer88, YAA82, Zha88, dSEC81, dSCKP89, vBLLS80, vE85, vE87b]. **Correlations** [Rad86, SYOM84, TG81, AGK84, AM85, BW89, BW82, FLM88, FGS85, For89a, FJ86, GDx82, GG88, HV85, Jan85, JLM85, JMM87, JLM95, KGA84, KST89, LA89, LLS88, LYAA83, Mac83b, MR86, MZ89, PL87, Pic84, RW86, Sch87c, Sim81b, Tas85, TCB89, YNS86, ZWLV88, Smi89]. **Corrigendum** [BCM88, Pen87]. **cosmology** [KLK+85]. **Coulomb** [AF81, CPR86, CPR87, CPRV89, CJ87, FM84, FILS80, FS81, GN85, HV85, Hug85, Jan82a, Jan82b, Ken84, Lav87, LSM89, MP89, MP82, MY80, Nie84, RLB86, Smi88, Smi89, Spe86, Yan87, dFSZ87]. **Coulombic** [CH88c]. **counterflow** [SH89a]. **Coupled** [CM89, BMV82, BCT86, Blo81, GRS80, HW85, HD87, Kun86, RRO88, SHKM86, VMB82]. **coupling** [BCG+80, BM84b, DR83, MM87, Meu85, Sch83, Yip89, dSvLH89, vB84, vB85]. **couplings** [CEGM84]. **Courbage** [dlL82]. **Covering** [Dom89]. **creating** [GT83]. **Creutz** [CR86]. **crisis** [RDRS87]. **criteria** [LS82a]. **criterion** [Jau86, RS87a]. **Critical** [AMR82, BNHF83, BCSY84, CCD86, DDdG83, Daw83, Dot84, Dup87, Nie84, OMS86, SK82, Tra86, Van83a, Zab88, dFKP87, Abr85, AN84, AF86a, AB87a,

AFV85, ABCN81, Bar89, BPZ84, Bin81, BW89, BF88, BLP89, CLRT83, Coo83, DdVG89, Fam84, FB85a, FLNO88, GS81, HW82, HC88, KZ87, Kes88, tLC86a, tLC86b, Mei83, Mon85, Mou82, New86, New87, Ngu87a, Sal88, Sok81a, Sok81b, Sto86, TB88, Tas87, Tas89, YMS83, dFSZ87, BK80]. **Critical-point** [DDdG83]. **criticality** [HKLW87, SI87]. **critique** [Eu84, Kei84]. **cross** [CG80, Req82]. **cross-correlation** [Req82]. **crossing** [FCB86, Wu86]. **Crossover** [Pan84, RK88a, LO85]. **Crystal** [AG85, Ima86, Kir89, NR82, Ruj84, WKUK88]. **crystalline** [AJ81, ADM83, BGBS88, KS85]. **crystallines** [YHOF85]. **Crystallinity** [Wag83]. **crystallization** [BPU85]. **Crystallographic** [Che82]. **Crystals** [ZAT88, ATZ83, Cha84, Gat88, KFB89, KI83, LCG85, MK89, Zia86, LCG86]. **Cu** [BWdF88, LPS85]. **cubic** [AM84, BSF89, EvV86, Ern87, FCK83, Guj82, HMOV87, Huc83, YHOF85]. **cumulant** [HT80]. **cumulants** [HS88a]. **curdling** [Di 84]. **Curie** [AZ85, EE88]. **Current** [LMN84, Unn89]. **current-driven** [Unn89]. **curved** [WW86b]. **curves** [KSF89, Tél83]. **cusp** [BSF89, VMB82]. **CVM** [FdF86b, FdF86a, Ros87]. **Cyber** [BDS86]. **cycle** [BMV82, Kai82]. **cycles** [BvH89, Di 84]. **cyclomatic** [LD87]. **cylinder** [vBD80b, vBD82]. **cylinders** [Kle80].

D [BDS86, DC89, Zha89a]. **Damage** [dSH88, CP88]. **damped** [BT89b, SG87]. **damping** [SSD82]. **data** [Cer88, DK86a, kM81]. **Davies** [ABF+85]. **dealing** [Gri82]. **death** [KK84]. **Debye** [CPRV89, Yan87]. **Debye-Hückel** [CPRV89]. **Decay** [AM85, BW82, LA89, MR86, VB86, CCS87, FGS85, GG88, HCM85, LO85, LN88, Mac83b, MZ89, MSW82, PL87, Pic84, RNRT83, Req82, Req83, RW86, ZWLV88, vE85, vE87b]. **decaying** [DS86b, Kle86]. **decomposition** [CP82, DV87a, EF87, KL83, NC85, SS88a]. **deconfining** [GKT+86]. **Decorated** [Sha88, KPS89]. **decoupling** [Igl89]. **decreasing** [CG81a, KN85]. **decrescence** [Gat88]. **dedicated** [Leb81]. **Dedication** [Ano84c]. **Defect** [cCM89]. **defects** [BT89a, Cla83, Ko88a, Ko88b, TG88, YHOF85]. **defined** [Nea80]. **deformation** [SW88]. **degeneracy** [AL81, ARS81, PS89]. **degenerate** [IT88, O'C84b, ZD88]. **degenerating** [Fed88b]. **degree** [EF87, WRL83]. **degrees** [BDE89, ED81, PPP84]. **Delay** [ME87, GM85]. **Delft** [SIvL+88]. **delocalization** [Bil88]. **Delta** [Rai81, KLW86]. **delta-correlated** [KLW86]. **Delta-function** [Rai81]. **dense** [CL88, LAA87, LvB89b, MK85a, NCF88, SS88b, VH87, dSvLH89]. **densities** [AB86, BA86, Ben84, Bon87, GBP88a, Hug85, WDG86]. **Density** [CCR85, JK89, Ala88, BP85a, CC84, Cia85, CFS84, CFGK87, CS83, DMM+89, FF86, GMO89, Gro83c, HGR87, HS88b, KLS89, LS82c, Mai87, NL85, Ram89, RV81, Tit84, Ull81, WWH89, dSvLH89, vBLLS80]. **Department** [Ano81o, Ano85s]. **dependence** [BHR+88, MCDK85, MC81, ORD86, dSvLH89]. **dependent** [Büt89, CG80, Ern87, FHW88, GP83, JLM85, JMM87, LOS88, SM89, vVE87, JLM95].

Depolarized [Kiv88]. **depth** [KN85]. **Derivation** [Cor89b, FM88, Hug83, Str88, CR81, CWD82, CWD83, DdGM89, Els84, GCF82, MGL87, PS87, PS82b, Ram86, ST81a, Vis85, dCD87]. **derivatives** [BB80]. **Derrida** [GMP89]. **described** [KK88]. **Description** [MT84, AZ85, BvH89, DS87, FK83, Koh88, RP85, RL86, RPSS85, Rub86, Van83a]. **descriptions** [BG80a, BG80b, Kra88a, RSRD83]. **Detailed** [AFV85, DM81]. **detection** [LCG85, LCG86]. **determinant** [GOSS86]. **Determination** [VH87, WM83]. **determined** [VH89]. **Deterministic** [AMC89, Nos86a, PTB+89, RFH88, Sch86c, DGL83, EFN83, Els84, hGH86, GNKW89, Okn88, 't 88]. **developed** [BMO+84, GS84b]. **Deviation** [NT81, PSZ87]. **Deviations** [ZS80, DIP82, DFIP82, DV87b, Vai89]. **devil** [Uim84]. **dew** [KSF89]. **dew/bubble** [KSF89]. **diagonal** [Bov89]. **diagonalization** [FLO88]. **diagram** [BN87, Cho88a, LPS85, MTA85, Pfi87, Tél83]. **Diagrammatic** [Jan87]. **diagrams** [BC89b, GS88, SGL89, Tar87, Zah87]. **diatomic** [MS81b]. **dichotomic** [Van83b, FFG+88]. **dichotomous** [BSTK87]. **Dielectric** [CF88b, Ram84b, CPR86, CPR87, CF89, Cuk82, FFC82a, FFC82b, FFC83, KC85, MB84, PS87, PW84, Shl84]. **Difference** [Lee87, PS88b, PS88c, Sin87]. **different** [IVMA83, JS83, MM83, Nar82, vEF89]. **differentiability** [Pra83]. **Differential** [DS80, YHM80, ABKS89, De 85b, ER81, Fed88a, Fox89, GSH88, HS88a, Ito84b, Nak86, VMA83]. **Diffusion** [Agm86, BS83, CCR81, Cuk83, Cuk86, EEEF84, GGL88, GB84, Gou86, Heu86, IS88, IVMA83, Keh83, MS81a, MHB87, PSMZ84, PC87, Aha84, Ben85a, BCD+86, Bur86, Büt89, CCRG80, CH88c, DF85, DFL86, DFL87, DL89, Der83, Ebe86, FJ86, Fro89, GM83, GG86, HL89, HZ86, HZ82, Ker88b, KLPS83a, KLPS83b, KMST86a, KI83, KHM+83, KvB85, LS82b, LS82c, MK85b, MY85, MC81, NOR89, NMM80, Pia81b, Rod89, SM89, SLW84, Szá80, TG87, WB87, WJS84, WSL83, WKL89, WMvBL88, WF88, WE82, WM83, Zwa82, dH89a, vBK87, vD88]. **Diffusion-controlled** [Cuk83, MY85, MC81]. **Diffusion-influenced** [Cuk86]. **diffusion-limited** [TG87, WKL89]. **diffusion-reaction** [BCD+86, Ker88b]. **diffusional** [BM84b, Kos86]. **diffusions** [Man84b]. **Diffusive** [Gar87, KK85, KLSZ86, tLC86a, tLC86b, tL88, ORD86, WBL89, vB84, vB85]. **dilute** [CS86b, CK87b, Geo81, HP85, NCF88, RHG89, Wat80, Wu80]. **diluted** [BCSY84, BF88, BSF89, DN87]. **dimension** [Ala87b, BB82, BN88, CLP87, EC86, Fal87, Fam84, Gra81b, KGA84, KLPS83a, KLPS83b, Mis85, Nau85, OWY84, PF85, PPK84, RP85, Rad84, RW84, dS88a]. **Dimensional** [dSVT87, WB99, YHM80, Agm86, AF81, AF86a, ABL87, ACCN88, AJ81, AJ84, ADM83, ADG88, ADFJ89, AV81, ABG+89, BM89, Ban87, BD82, BPP84, BD88, Bau85, Bax82, BZ87, BG82, BPP87, BT89a, BS83, BNHF83, BS87a, Bil88, Bin81, BDL81, Bis82, BDS83, BW88a, BPK82, BOP87, BL85, BK88b, Bov89, Boy88, Bra88, BLP81a, BH88b, BW88b, Bur87, Bur88, CLWH82, Cal83a, CCO83, CGVG83, CCD86, CCS87, CkM82, CFS83, Cho88a,

CS86b, CK87b, Cia85, Cor87, Cor88, CJ87, CJB88, Cor89a, CMM86, CPV88, DP87, DF85, DL82, DLS85, DL89, Der83, DFP86, Deu83, DB80, Dic85, DPST86, DPST88, Dom89, EP88, ERH85, EF87, EN85, Fed88b, FKP88, FF86, Fel86, Fer81, FdF86b, FH87, FLNO88, FJS83, FM87, Fri85, Fri87]. **dimensional**
[GN85, GMO89, Gar87, GD85, Gat88, GMAK84, GP86a, GS84b, HV85, Har87, HT87a, HCKS84, Hög88, IM86, Ima86, Ito82, IKY88, Jan84, Jen86b, Jer87, Jon86, KP89a, KC85, KD84b, KTB86, KLT88, KZ87, Kle86, KY88a, Ko88a, Ko88b, KU86, Kor86, KLS88b, Kur83b, KvB85, LH88a, Lav87, LS84, LPT87, LW83, LPRV87b, LMR88, LP86, kM83, MP89, MP82, Mar81, MK87, MLSK85, MM84, MOS89, MM83, MO82, MJ85, MSW82, Mür87, NNK89, Ngu88, Nie84, NR88, NHH88, O'C84a, OB84, OMS86, OP89, PW85, PV89, PMBB$^+$84, PSZ87, Par80, Per82, PP83, PL87, PTB$^+$89, Pol89a, PS85, PW88a, PW88b, Pri81a, Pri81b, Red81, RR82, Rez81, RT81, Rub84, SB84, Sal86, SD86, SI87, Sch88a, Sch85a, Sch86a, SKO87, Sel89, Ser86, Sha88, SS86]. **dimensional** [Sim81a, Sin82, Sin87, Spe86, Sta87a, Sta88a, Stö88, ST84b, SWYM87, TG88, Tej87, TCB89, UP84, VB86, VD89b, Wei81, Wu86, Yan87, Zol87, Zwa82, dFSZ87, vBS83, vEvH85, vE87b]. **dimensionality**
[DV87a, Man84a, Man84b, PS88d]. **dimensions**
[ACH88, AH88, BW84, BPZ84, BPTV88, dAB87, BR85, CG85, Dup87, Eis87, KD82a, KLS81, LMJ87, Law88, PV89, PSMZ84, PS88c, SH82, SL80, SPA88, Tas89, VM87, VM88, Wag83, dFKP87, vVE87]. **Dimer**
[YNS86, BNHF83, EN85, Jer87]. **dimers** [Pri81a, Pri81b]. **dipolar** [LW85]. **dipole** [BGN89, Fon81, FS81, GP89a]. **dipoles** [PHB81, VB80]. **Dirac**
[FP80]. **Direct** [Par89, BOP87, Gib81, Wer88]. **Directed**
[FP87, Zha89b, IS88, LD87, PS88d, Whi89]. **directional**
[LS84, Wer84a, Wer84b, Wer86a, Wer86b]. **Discontinuity** [ACCN88, MF83]. **discontinuous** [MV87, MV88b]. **Discovery** [SV80]. **Discrete**
[BA87, MV88a, THFT87, BZ87, CIPS88, Cor87, Cor88, Far87, KV82, KH82, Kür88, MR83, Okn88, Vis81]. **discrete-time** [MR83]. **discretized** [Sen88]. **discrimination** [BSZ89]. **disk** [Ito88, KD82b, LYAA83, LCY83]. **Disks**
[HK86, HR80, Kra81, KD82b, Rad81]. **dislocations** [WS83]. **disorder**
[AP89, BK88b, Bov89, Con88, DB80, EvV86, FLNO88, HGPRS89, LGP85, LN88, NE85, PIP89, RHHG88, Ruj82a, Ruj82b, Ruj84, ZD88, vHZ88]. **Disordered** [Pas82, Pas83, bA88b, AAK84, BH88a, CF88c, CFGK87, CD89c, DS88b, Ern87, Fel86, FC89, FSW86, GM83, GP85b, HGPRS89, KLT88, KPS89, KFS83, LMN84, Mac83c, MGP$^+$83, Muk82, Muk83, NM84, Rub84, Ste81, Tor86b, Zwa82]. **disparate** [Joh89]. **disparate-mass** [Joh89]. **dispersed** [JMF88]. **dispersion** [KC85, Rei80b]. **displacement** [LHFW88]. **dissimilar** [FG88, FG89]. **Dissipation** [Lan89, Meu85, RL86, SD85, Str88]. **dissipative** [APSJ85, BDE89, KK85, MR83, SHKM86]. **dissociating**
[McL89]. **distances** [KRS89, Lav87]. **distinct** [WS82]. **Distinctive**
[MPH87]. **distributed** [KK85, VD89b, dH84a]. **Distribution**
[MG88, NG87, ADS80, CLRT83, CWD82, CWD83, DM81, Fed88a, FF87,

GP86a, Gol85, GM88b, GM96, HDL89, HKLW87, IKY88, LD87, Lav87, Lu87, Luc86a, MGL87, Pel88, Pel89, Per80, PP82, Req83, RV81, SC88, Spo83, Sta87a, Tél88, WW86a, WP82, dH89a]. **Distributions** [NH88, BC89b, HGR87, KB85, Kle80, KLS89, MB84, PP87, Pol88b, Sta89, VKK85]. **disturbances** [Fre87]. **divergence** [GRS80]. **divisibility** [GW87b]. **do** [Nel89a]. **Dobrushin** [Gro81d, Pra83, RS87a]. **Does** [Kir89, vL89]. **Domain** [CK87b, KT85, NNK89, Nau87, PAF84, PAF85, Sch88a]. **domains** [LHFW88]. **dominant** [BS89c]. **Dormant** [BvH89]. **double** [RV85, Ryt87, VR85]. **double-well** [RV85, Ryt87, VR85]. **doubling** [CEK81, mMH87, McL81]. **doubly** [CJB88]. **down** [AFV85]. **drag** [vBD80a, vBD80b]. **drift** [KP85, SKO87]. **Driven** [VtLZ89, BSTK87, BLS82, BT89b, CS89, DMM+89, DM87, HJM89, HL89, KLSZ86, LKMJ85, tLC86a, tLC86b, tL88, LV88, Rei88b, Unn89, WBL89]. **driving** [Ala89, KvB85, LSSW80b]. **droplet** [MM86, MM88]. **dropletlike** [RS84]. **Droplets** [Sel89, WT89a]. **drunkard** [WZ89]. **drying** [SIvL+88]. **dual** [HWW82]. **dual-medium** [HWW82]. **due** [KK88, Mac86]. **Duffing** [FGMZ85]. **Dynamic** [HHB87, JMS83, MGJ89, SBS88, Bin81, Bro81, MO82, Wei87a, YHOF85, Nos86b]. **Dynamical** [BD88, GDx82, LYAA83, Mac87, SD81, AM83, AN87, Bon85, CLP87, CL89, De 85a, DK86a, Fei87a, FSW86, GMC81, GP81, Gri88b, HL89, HN80, JE89, KY85, KN87, LLE+83, Maj87, Mar85, MOS89, NHH88, OHI88, Oji89, OY87, Req82, Rue86a, Sch87a, Sch87b, SV80, Str88, ST87, Wic85]. **dynamically** [HGPRS89]. **Dynamics** [BC89b, KM88, Orb84, Pia84, SB84, SIvL+88, Unn89, dH84b, AMR82, AB83, BTZ85, BCG+80, BDL81, dAB87, Cal83a, CGOV84, Cha86, cC87, CT80, CPV88, Daw83, Dei89, DGL83, Ebe86, EK85, EW81, EW84, EW85, Fei88, FB85a, FCK83, Fri84, GN83, Git89, GP83, GN87, GG87, GNKW89, Gun84, HD87, HEH89, HMH84, HK86, Jen81, KTB86, KL82, KL83, KH87, LH85, LKMJ85, LPRV87b, Maj89, MNT85, MK87, MKB86, Muk83, MB89, NNN89, Ram89, Sch86a, SKA86, Spo87, Suz86b, THFT87, TVW89, Val85, Vil87, VH87, VH89, YAR89, ZR87, Zha88, ZWLV88, Zha89a, Zwa83, Wes84a]. **dynamo** [Gla85, Ito88]. **dynamos** [Wei85b]. **Dyson** [HS88a, Spo87].

earth [Bau85, Ito88]. **Eastern** [Ano81o]. **easy** [ZT85]. **easy-plane** [ZT85]. **Eden** [BMS87]. **edge** [Kur83b, NL87]. **Editor** [LP89, vBEL88, Leb85a, Leb85b, Leb88a, Leb88b]. **Effect** [DB80, OP87, SS85, SMM89, AN87, Cia85, Cor85, HW85, HMC87, KMD89, LM87, Oka86, Pia81a, ZL81, dS86a]. **Effective** [HP85, JMF88, Cho88a, GP85a, HM84, Suz88]. **Effects** [AP89, AMC89, BW89, CDM86, Fro89, Gra86, GOSS86, KC85, KD84a, Kle89, ME87, MV86, NKD84, Pes85, PF83, Req88, Tou89, Wei86d, dSvLH89, vBC88]. **efficient** [MS88a]. **Eigen** [Leu87]. **eigenfunctions** [Dör85a, RV85]. **eigenvalue** [Ull81]. **Eigenvalues** [RV85, Gol85]. **eigenvectors** [DdVG89, SF88]. **Eight**

[ABF84, AO87, BBP87, DdVG89, DS83b, FB85b, Ham87]. **Eight-parameter** [AO87]. **Eight-vertex** [ABF84, BBP87, DdVG89, DS83b, FB85b, Ham87]. **Eighth** [Lee83, Ano82q]. **Einstein** [FP80, KF85, Omn88b, Par85, Rod89, SL80, dS86a]. **elastic** [BCF86, Bav86, HR88, JMF88, Kho87, Nos84, Tej89, WS84]. **elasticity** [Rou87, ZBS86]. **electrical** [Muk82]. **electrode** [Cor89a]. **electrohydrodynamic** [KFB89]. **electrolytes** [CW81]. **electrolytic** [KEKS83]. **electromechanical** [BMV85]. **Electron** [KD83, AJ81, Ala87a, Ala87b, ACH88, CDM86, Deu83, HGR87, KP86, MCDK85, MKDC85, MK85a, MKD87a, MKD87b, PFvdMZ89, SS85, SC88, SIK86, STA88b, TWB86, Wat80]. **electron-electron** [CDM86]. **electronic** [CFGK87]. **electrophoretic** [HM88]. **electrothermal** [MB81]. **Elementary** [Ram86, Fre87, Gra86, Kna88, Tak89, Zab88]. **Eleventh** [Ano85a]. **eliminating** [vK87a]. **elimination** [Bur86, Jan89a, Jan89b, Jan89c, SSD82, Shi81]. **Elliott** [Opp86b]. **ellipsoid** [Lan84a, WW82]. **elliptic** [AB86]. **elongational** [RB88]. **Emden** [MS82b]. **Emery** [WW88b]. **emission** [Nie88, Sek83]. **Empirical** [SK82]. **enclose** [KW88]. **End** [Mad88]. **energies** [NS80, Pel88, Pel89]. **Energy** [BZ83, CH87, FVV82a, Kna88, LPW81, ACS89, ADM83, BB80, Bax88, BS87a, Bre87, BL86, CCP87, Coo83, DS84, Don87, DGP84, FC89, GMP89, Gol85, Har84, NR88, Per88, PP82, PS89, Rag88, Sch88a, SS89, SS81, SS82b]. **Energy-entropy** [FVV82a]. **Enhanced** [Eva80]. **Enhancement** [Str82]. **Enigmas** [Wei86b]. **ensemble** [Bon85, CT80, DHB88]. **ensembles** [ERH85]. **Enskog** [qC81, qCeY81, BL88, Cer88, CK88a, LYAA83, LCY83, LM86, MK83a, Pia87, Pla86, Pol89b, Sza89, YAA82, dH89a, vK87a]. **Entropic** [BN88, LM87]. **entropies** [BPTV88, Les82]. **Entropy** [OHI88, Oji89, Ale85, BKLP89, Cur81, Don87, Eva89, FVV82a, FLS86, GP81, GS88, Guj82, Had81, Hoo86, KMD89, Lan84b, Len88, kM81, Mei83, MS83b, Nak81, Opp80, SS81, SS82b, Spo85a, SGL89, Tou83, Tou85]. **entropy-energy** [SS81, SS82b]. **enumeration** [Red82]. **environment** [cC87, IS88, KK84, KLS88b, ST84b, bARC89]. **environments** [DFGW89]. **enzyme** [Agm88]. **Equal** [LSSW80b]. **Equal-time** [LSSW80b]. **Equation** [WB99, Ala87a, Ark83, ABF$^+$85, Bar88a, BG86a, BFG86, Bar88b, BP83, Blu80, BBS83, BCD$^+$86, BT88, BS84, BK87, BW88b, BT81b, BT81a, CC86, CDPP89, Cer87, Cer88, CFG80, CR81, Con82, Cor80, CG80, CG81a, Cor86, Cor89b, CW81, DLT88, DFV89, Dei85, Del82a, Del82b, DF86b, DS86b, DH86a, DH86b, Dud89, EP88, Els84, Eng88, Ern84, EW84, EW85, FFGM88, FFG$^+$88, Fai81, Far87, Fed88b, FFdlM87, FK87, FL85, FM88, FBG86, Gra81a, GP89b, Gri82, GLM80, Gzy82a, HZ86, HP81, HN82, HR85, Hug83, IT88, Ken83, LH85, LRS88, LRS89, LN84, kM83, Maa84, MKDC85, MGL87, MK83a, McL89, Mei88a, MS82b, MS83a, MS81b, NMM80, NC85, PS82b, Pia87, Pla86, PG83, Pol88a, Pol89b, Pom85, RV85, RPSS85, SS80]. **equation** [ST84a, Spo81, TC84, TM88, Tit84, Uch88, Uey80b, Val83, Var81, Vis85, VR85, Wat80, WW86a, WKC83, WC81, YAA82, vDE86, vDE88, vK89].

Equations
[AV03, AC84, ABKS89, AV87, BF81a, BMV82, BCT86, BL88, BJLS89, Blo81, CH88a, Che82, CK88a, De 85b, DFL86, DFL87, DGK81, Der87b, DG83, DR83, DB89, ER81, EHH82, Fed88a, FM84, Fox89, FT81, FTZ84, FGN88, GMLC87, GM85, GSH88, Gro84, Gzy81, Gzy82b, HL89, HS88a, HEZ83, HD87, HT88, Ito84b, KP85, Lan84c, Lee87, LS89c, MCDK85, McL82a, MK83b, Mis85, Nak86, OS81, PS88b, PS88c, Ram86, Rei80a, ST81a, Sch83, Spe84, TL82, Tho82b, Uey80a, VMA83, VMB82, Vig82, Wer84b, WRL83, ZS82, vK81c]. **Equilibrium** [ATZ83, Cha82, Coh88, FM84, GLM80, MJ83, Shi83, Spo86b, SW87, vBLLS80, BTZ85, Blo81, BPU85, CH88a, CHM83, DdGM89, DIP82, DFIP82, DPV86, Dic85, GW87a, GL89a, GLR86, HD83, HR86, KD82a, Kie89, KLS81, Lan84b, LS89a, LR88a, LPRV87a, LV80, Maa84, Maj89, Opp88a, Opp88b, PS82a, Saw84, Skr84, ST89b, Spo85a, SN84, WP82, Zia86, ZS80, dSCKP89, dlL82, Wer86b]. **Equipartition** [ACS89, TM89]. **Equivalence** [PW86, SG88, 't 88, BL88, Gzy81, Man84a, OB87, Spo85b]. **equivalent** [MT84, Tru86]. **erased** [Law88]. **Ergodic** [Col86b, Eis87, SS86, Tak89, AB83, BOG87, CGVG83]. **Ergodicity** [Ito84a, NTW88]. **Erratum** [Ano84d, Del82a, EW85, GM96, Han86a, JLM95, LCG86, MPPT80, Pas83, PAF85, WB99]. **error** [Cep86]. **Escape** [BR86, DPV86, Han86b, HJM89, Cha82, Gar83, KB85, THFT87]. **Essay** [Fis88]. **essentially** [TM88]. **Estimates** [Lav82c, Lav82a, Lav82b, Ark83, BMPP80, Bre87, BF81b, Far87, Gro89a, Kes81, LT86, Par89]. **estimating** [Boy88]. **Eu** [Kei84]. **Euclidean** [CS83]. **Euler** [BPP87, BW88a, Sch85c]. **eutectic** [DML82]. **evaluating** [Pol88b]. **Evaluation** [YAA82, LS89b, Phi82, vVE87]. **even** [iKOS85, iK87]. **event** [Nie88]. **events** [LS87]. **Evidence** [DV87a, Pel88, Pel89, BSF89, ORD86, PSZ87, ST81b]. **Evolution** [Ste87, AC84, CC82, EEEF84, FN83, Fri85, Leu87, Lu87, MP82, MO83, PS85, Pul82, SS82a, Sch86c, Skr84, WRL83]. **Exact** [AKS89, ABCT86, ABG+89, Cor87, CJB88, DH87, DD88, EFN83, Eng88, Ern84, EH84, FGS85, FLO88, FP87, FLNO88, For86b, For89a, GS85, GR87, hGH86, HR82, HZ82, HS86, Jan84, KH82, Luc86a, PPKP89, PPK84, PS88d, Red81, Sch84, Sta89, SS83, SPA88, TW85, Vis81, Wu80, Wu85, Zia86, Ala89, Cor88, DGK81, DB89, FdF86a, FB85b, Gzy81, Sha88, Sta87a, VD89b, ZS88, Ruj84]. **Exactly** [BD85, DFP86, AS86, Bax82, For84, KT85, KMP82, MB81, OS84, Pri81a, vD88]. **Examination** [RR82]. **Example** [GM83, GG82, RHM86]. **examples** [AF81, McK87]. **Excess** [NE85]. **exchange** [Gib81, MO82, Zha89a]. **exchanges** [ACS89, WBL89]. **Excitation** [KHNA83, BGWY85, Hub83, Iye86, KFS83]. **excitations** [Kna88, MSW82, Muk83, Web84]. **exciton** [Ken83, KL82]. **excluded** [FK83]. **Exclusion** [MM86, MM88, BCFN89, Bra88, Pol89a]. **exclusions** [Huc83]. **exhibiting** [SS83]. **exhibits** [DIP82, DFIP82, Wei87a]. **Existence** [CP87, Gie89, KLS88a, Par87a, CC82, Cal83b, CCP87, Cer87, Cer88, DS84, GP89b, Pla86, PG83, Pol89b, Dud89]. **exit** [HDL89, MOS89]. **Expansion** [MK83b, ANFdL+83, BG80b, BCG+80, Ben85b, BK88b, Bov89, Bur86, qC81,

qCeY81, cCM89, CF88c, Del82a, Del82b, DS86c, FFC82a, FFC82b, Fon81, Gou86, Jan87, KW81, Kra82a, LM86, MST84, MIH86, Muk82, O'C84a, OB84, Oli88, Par82, Pol89a, Rai81, SGL89, Ull81, ZD88]. **Expansions** [HS88b, WB99, Bry86, BK87, BW88b, HR83b, MN84, O'C84b, Phi82, RS87b]. **expectance** [CS83]. **expected** [WS82]. **experience** [vL89]. **Experiment** [RDRS87, FCB86, Omn88b]. **Experimental** [Vid87]. **Experiments** [Lib84, WC89, Kop86, WCD85]. **Explicit** [Kra85, PHB81, Yeu89]. **explosion** [BNMT83, GP86b, GG87, MV86]. **explosive** [FN83, NB87, vK87b]. **exponent** [Boy88, BLP89, DC89, KH86, LH88a, MM87, New86, New87, Ngu87a, NHH88, Rav89, SD86, Tas87, Vai89]. **Exponential** [CCS87, ST89b, JM86]. **exponents** [BPTV88, CPV88, DF86b, DF87, Dup87, HC88, KZ87, LR88b, LPRV87b, Mar85, MR88b, Ngu87b, Sok81a, Sok81b, ZD88, dAC87, dFKP87, dO88]. **expressions** [GS85]. **extended** [AP89, Ban87, Eu84, GCF82, GCdHR$^+$84, Kei83, Kei84, Pul82, YHOF85]. **Extension** [KWL87b]. **External** [BDE89, Dei89, BSTK87, BS89a, Cor86, De 87, DF85, EP88, ENO81, Fra86, FM88, GP86a, Imr84, KFB89, LM87, MS82a, MMSP84, OP87, Per82, PWvH84, RPSS85, SW85, SS84a, SH89a, SH89b, SMM89, Uim84, ZL81]. **Extrema** [SL80]. **Extremality** [Zeg86]. **extremely** [RV85].

face [OB87]. **faceting** [AG85]. **factor** [AM84]. **factorizable** [DS83b, Sha82b]. **factors** [KI83, de 88]. **falloff** [Sim81b]. **Falls** [dF86a]. **families** [CEK81]. **family** [Lop88]. **far** [Blo81, GW87a, LV80, Saw84]. **far-from-equilibrium** [GW87a, LV80]. **Fast** [Her86, BDS86, Chr86, GG86, Jan89a, Jan89b, Jan89c, KLS84, KLSZ86, MV87, MV88b, Shi81, Zha89a, vK87a]. **fast-relaxing** [Shi81]. **FCC** [HMV84]. **feed** [BSZ89]. **feed-forward** [BSZ89]. **Feigenbaum** [Aur87a, Aur87b, EW87, Fra80, Nau87, TM88]. **Fermi** [AM87b, FP80, GP83, Hug83, Rei80a, Rei80b]. **fermion** [Bak82, Dav87, DL82, Kun86, OP87, ST89a]. **Fermionic** [Chu85b, Che87, cC87]. **Fermions** [WB99, JS86, Kog86, BW88b]. **ferrimagnets** [BF88]. **ferro** [BF88]. **ferro-and** [BF88]. **ferrofluid** [FH85]. **ferromagnet** [AZ85, Gra82a, Gra82b, HC88, IP86, Sto86, ZT85]. **ferromagnetic** [BB82, BLP81b, Mon88, PIP89, Pea81, Siu85]. **ferromagnetism** [ARS81]. **ferromagnets** [BL86, DdG84, De 87, Geo81, iKOS85, iK87, MMSP84, Mon80, Sim80, Syl83, VTB86, vHBW84]. **Feynman** [CC86]. **fiber** [Kod85]. **Fibonacci** [Süt89, Tra88]. **Fick** [LS82b]. **Field** [Ano80o, Di 84, Fer81, tLC86a, tLC86b, Par80, PYC85, RW84, AJ84, Ala87a, Ala87b, ACH88, ATZ83, BK81, BR80, BZ87, BBF86, BCD89, BLM87, BK88c, BHR$^+$88, Cam81, CH88c, DBK$^+$86, Daw83, De 87, DF85, DGK81, EP88, ENO81, FVV82b, FFS84, FT88, Fra86, FM88, GP86a, GPS86, Gla85, HMC87, Ito88, JMM87, Jan87, Ken84, Kir84b, Koo86, LM84, LM87, LRS89, Mag87, MKD87a, MKD87b, MTA85, MS82a, MMSP84, MY85, MHB86,

MR88b, Nea80, OP87, Pea81, Per82, PWvH84, Pia83, SI87, SW85, SS88b, ST81b, SVBO88, Sim80, Sla83, Sok82, Str82, Suz86b, Suz88, TB88, TH84, TF86, Tho82b, Uim84, Van83a, Wag89, Wat89, Wu85, Wu86, ZS82]. **Field-induced** [RW84, Pia83]. **Field-theoretic** [Par80]. **Fields** [Mis87, BCSY84, BHR+88, FHW88, HM84, Imr84, MN84, MB89, Pap83, KY85]. **fifteenth** [RS87b, Ano89b]. **Figures** [FKRB89, FKRB88]. **filling** [EH84, EN85]. **films** [KD84a]. **final** [Sek83]. **fine** [Req88]. **Finite** [BW89, Bra89, DHB88, Fro89, Ham87, MHB86, PF83, RGJ85, SPA88, AKS89, AMR82, BBP87, BP89, BT88, BS89c, BMS87, CPRV89, CF80, GM88a, HBB88, HW85, MTG87, MGTM88, MOS89, MM83, Oli88, RPSS85, RG86b, SR86, VM87, VM88, WHB85]. **finite-** [MOS89]. **Finite-size** [BW89, Bra89, DHB88, Fro89, Ham87, MHB86, PF83, RGJ85, SPA88, BT88, HBB88, Oli88, VM87, VM88]. **finite-temperature** [BP89]. **finite-width** [AKS89]. **finiteness** [Kra85]. **First** [FHW88, Wei81, Wei84b, WDG86, BDKW88, CCD86, DP87, GKK87, KT85, KMST86b, LW86, MW88, NR82, PLM+81, PLM+84, PS82c, PF83, Str88, THFT87, WSL83, WHM89, vBC88, Ano88o, LSSW80a]. **first-order** [DP87, GKK87, KT85, NR82, PLM+81, PLM+84, PS82c, PF83]. **five** [BF81a, cCM89, TL82]. **five-mode** [BF81a, TL82]. **five-thirds** [cCM89]. **Fixed** [FTZ84, Fei88, IP86, Vis81]. **FKG** [BR80, Zeg86]. **flat** [Doi89]. **flexibility** [Bro82, KS85]. **flexible** [HH85]. **flights** [CS83]. **Floquet** [Rei88b]. **Flory** [AH89]. **flow** [Bau85, BPP87, BS89a, Del82a, Del82b, HMH84, KMP82, Kle89, LFtH88, MD83, MIH86, RSRD83, RB88, Rub86, Wei86a]. **flows** [Ala89, Bab86, GGM86, KHM+83, Kre80, Mis87, vBD80a, vBD80b, vBD82]. **Fluctuating** [Uey80a, Agm88, EJT87, GMLC87, HZ86, Kei83, KW83]. **Fluctuation** [DD85, PS87, Str88, Wei87b]. **fluctuation-dissipation** [Str88]. **Fluctuations** [BW88a, Bur86, FOT85, GMP89, LS89a, SC85a, SC85b, SC87, Spo81, vDE87, vD87, vD88, Abr85, AJ84, BSV87, BPZ84, BA87, CLRT83, Daw83, De 87, DH85b, EC81, Fox83, GMO89, Gee82, GVV89, GN87, Gra81a, Gri82, Gro81c, HM88, KC83, KLW86, KWL87b, KR85, LS82a, LM84, MD83, MK87, MY80, NZ86, NT81, PW88a, PW88b, Ram85, RSRD83, SS84a, SVBO88, SN84, SMM89, Suz87, TvdB88, Uey80b, Van83a, WC89, YKS81, ZS80, vD89a, vK87b]. **Fluid** [Par87b, ANFdL+83, BP85a, BR85, CW81, DS81, Deu83, Jon86, Kle89, LHFW88, LvB89b, LYAA83, LCY83, Nel89a, Per80, Per82, Pia84, Ram89, RB88, SC85a, SC85b, SC87, Sch89b, SIvL+88, Ste89, Str82, VH87, VH89, WW86a, WW86b, WC81, XS89, ZS88]. **fluid-to-solid** [ANFdL+83]. **Fluids** [Wer84a, Wer84b, Wer86a, Wer86b, AM85, BG80a, BG80b, CF88b, ERH85, EvB81, FCD86, GBD+86, KSF89, KVGZ87, LAA87, LA89, LS89a, LvB89a, MG88, MTG87, MGTM88, MK87, MF83, NKD84, Per86, Per88, Pia81b, Rap85, RW86, RV81, Ros86, RK88b, Tej89, Wer88, Wes89, Wol86, dSEC81, dSC82, dSCKP89]. **Fluorescence** [Gee82]. **flux** [Nel89b, SC85a, SC85b, SC87]. **Fluxes** [Shi81]. **Fock** [Zha89b]. **Fokker** [BP83, BT81b, BT81a, Eng88, FFGM88, FFG+88, Fed88b, FFdlM87, Gra81a, GT84a, GT84b, HR85, Jau85, MGL87, MK83b, MS83a, RV85,

RSRD83, TC84, Val83, VR85]. **folding** [Go83, MJ83]. **Foldy** [FC89]. **following** [WS83]. **force** [KvB85, LSSW80b, VH87, VH89]. **forced** [BBLT81, McL81]. **forces** [Ala89, AM85, BLS82, CFG80, Cor86, GLM80, Pia81b, VB89, Wer84a, Wer84b, Wer86a, Wer86b]. **forcing** [BS89a, Sta87b]. **Ford** [Row86]. **Foreword** [BN81, Doo85, Leb84]. **forgetting** [DN87]. **formal** [PGDT86, Ala87a]. **Formalism** [RHM86, Gie89, MS83b, Opp80, PV89, RV81, SG81, GHKM89a]. **formation** [DPT80, HV85, JKHV85, KMD89, RZ88, SB84, Spo86b, WKL89]. **forming** [BS88]. **formula** [CC86, FFC83, FC89, Val83, WJS84]. **formulas** [BW88b, FE87, PS87, WB99]. **FORTRAN** [Red82]. **forward** [BSZ89]. **foundation** [Opp82]. **foundations** [GCdHR+84, Omn88a]. **four** [CF88a, HBB88, Har87, HT87a, PP83, Wu86]. **four-dimensional** [Har87, HT87a, PP83]. **four-spin** [Wu86]. **four-state** [HBB88]. **four-vortex** [CF88a]. **Fourier** [BH88a, DBK+86, FCD86, PA88]. **Fourteenth** [Ano88b]. **Fractal** [AKN84, AH88, DDI83, Fam84, HMS82, HMS83, KBZ84, LHFW88, Nau87, Pro84, dS88a, EC86, Gra81b, Hol88, KGA84, LMJ87, Le 84, Man84b, Man84c, Orb84, Pen86, Pen87, PAF84, PAF85, Ram84a, Rap85, Rub84, Shl84, Sta84, Vos84, WS84]. **Fractals** [Man84b, AGK84, Aha84, AH89, Fal87, HBAM84, Kop86, MS83b]. **fraction** [MR87, MR88a]. **fractions** [VR85]. **fracton** [Man84a]. **fracton/spectral** [Man84a]. **fractured** [IKY88]. **Franco** [SS84b]. **Free** [Bax88, Don87, Per88, ADM83, BB80, BS87a, Coo83, Dav87, DS84, EN85, FGP80, Kur83a, NS80, PS89, Rag88, SS89, Smi89, vdB83]. **free-boson** [vdB83]. **free-fermion** [Dav87]. **Fréedericksz** [SMM89]. **freedom** [BDE89, ED81, MS86a, PPP84, WRL83]. **freezing** [Bau87]. **French** [Ano80o]. **frequencies** [NLC+86, NL87]. **frequency** [Far87, LTL87, LSSW80b, Maz81, Tej89]. **frequency-modulated** [Maz81]. **friction** [FGMZ85, GB84, Gou86, Hyn86, Ryt87, VH87, VH89]. **Fritz** [PS85]. **Frobenius** [Dör85a]. **Front** [Bra88, Ker88b]. **Frontiers** [Wes88]. **fronts** [Ker86]. **frustrated** [GR87, KU86, Kor86]. **Frustration** [Mie89, Süt80]. **fugacity** [Fon81]. **fully** [BMO+84, GS84b, SR86]. **function** [BPTV88, BOP87, Cep86, Cia85, CK88b, Eva80, Fei88, Gra82a, Gro83b, GGP86, Gut84, KC85, Ken82, Kir89, Ko88a, Ko88b, Kre80, Lav87, LCY83, Lev88, LV80, MGTM88, Mon83, Nau87, OP89, RP85, Rai81, Req83, SG81, Ull81, VH87, VH89, WW86a, Wer88, Zha88, dSEC81, vBS83]. **Functional** [Gro84, Jen81, Lan84c, LV88, Wol82, Ala88, Ala89, CCR81, CC84, CCR85, cC87, JK89, LSM89, RV81]. **functions** [Ala88, AB86, APSJ85, BSV87, Ber86, CF80, CWD82, CWD83, DD88, Ern87, EW81, Fed88a, Fei88, FJS83, GS85, GDx82, Kes81, KSB85, LvB89a, LvB89b, LS89b, MG88, MTG87, MK85a, MS81b, Muk82, NG87, Okn88, Req82, Rue81, Sal88, SS88b, Skr84, Sta87b, Ste81, VB80, YAA82, dSEC81, dSCKP89, vBLLS80]. **functions-Application** [Muk82]. **Fundamental** [Spo86a]. **fundamentals** [Ban87]. **furcations** [de 88]. **Further** [FB85b, HMV84]. **fused** [CW81]. **fusion** [Wes85b]. **Future**

[Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano81b, Ano81c, Ano81d, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano82l, Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano82f, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano84e, Ano84f, Ano84g, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano85b, Ano85c, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano86c, Ano86d, Ano86e, Ano86f, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86b, Ano87h]. **Future** [Ano87c, Ano87d, Ano87i, Ano87e, Ano87f, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87g, Ano88e, Ano88c, Ano88d, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Ano89l, Ano89m, Ano89n, Ket84]. **fuzzy** [HH85].

G. [HW86, dH85a]. **galactic** [SS82a]. **galvanomagnetic** [Pes85]. **games** [Ste87]. **Gap** [Ngu87b, LPW81, ST88]. **gaps** [Kna88]. **gas** [AM87b, Ala87a, Ala87b, ACH88, AB86, AB87b, Ban87, BET80, BA86, Ben85b, BGN89, BBLT81, BS89a, BBS83, BL85, BH88b, BP85b, Cer86, CL88, Cia85, CK88b, CG81a, CJ87, DS83a, Dic85, FH87, For89a, Fre87, FJ86, GN85, GM83, HV85, Hoo86, Huc83, Hug83, IT88, Joh89, JE89, KLS84, Ker86, KD83, KY88a, KSS87, KvB85, LH85, Lav87, LSM89, MR86, MNT85, MCDK85, MKDC85, MK85a, McL82a, McL82b, McL89, Mei88a, Mei83, MHB87, MIH86, Nie84, NGH82, OP89, PFvdMZ89, PB83, Pia81a, PP82, Pia83, SZ88, STA88b, ST87, dSVT87, dFSZ87, vBK87, vdB83, vdBLdS84]. **gas-liquid** [Mei88a]. **gaseous** [Bru88]. **gases** [CL81, qC81, qCeY81, DF85, EB88, EvV89, Fon81, FS81, FH85, Gie89, Keh83, KD83, MP89, MLSK85, Roe81, Rot89, RL80, Spe84, Uey80a, ZWLV88]. **Gates** [Kat85]. **gauge** [BP89, Bor87, BS86, CR86, Chr86, CFGK87, GGP86, Kes88, Kog84, Kog86]. **gauge-invariant** [CFGK87]. **Gauss** [MR87, MR88a]. **Gaussian** [BLM87, CS89, De 87, FFGM88, FFG$^+$88, GK84, Gro83b, Ito84b, KH82, Lav82c, NT81, Tas85, Van83b, WRL83, YHM80]. **gelation** [HEZ83, Pan84, vDE86]. **Gel'fand** [HR85]. **general** [ABF87, BKL83, DL89, FE87, Lav82c, Lav82a, Lav82b, Tas87, vHZ88, BG80a, BG80b, CS83, Gou86, Kor86, SC85a, vHGHK88a]. **general-spin** [FE87]. **Generalization** [FC89, AB86, AB87b, BA86, FFC83, Haa89, OP89, Tsa88, WJS84]. **generalizations** [FB85b, Wei84b]. **Generalized** [AMV85, BS88, BPTV88, CPV88, LYAA83, NGH82, PT87, Rou87, ABF84, AZ85, ABCT86, BMS87, CC86, CCP87, CR81, EE88, GMP89, Gri82, HS88a, HK85, KH86, KW81, LW88, Lin89a, PPKP89, SH89c, YAA82, vBD80a, Der87b, BL90]. **generated** [HKLW87, Lop88, TG81]. **generating** [Ala88, BBAH83]. **Generation**

[LCG85, LCG86]. **generator** [PGS87]. **genetic** [KTP88]. **Geometric** [Tas87, Gra84]. **Geometrical** [MGL87, FLS86, Whi83]. **Geometry** [BGH84, CHM83, HFJ86, McK87, FJS83]. **GF11** [BDW86]. **ghost** [MB89]. **GHS** [ENO81, TH84]. **Gibbs** [GM96, BLP81b, GM88b, Kle86, Kre80, MN84, Par87a, Pra83, Tsa88, Zeg86]. **Gibbsian** [CH88a, DvE89]. **Ginzburg** [BJLS89, Dei85, Fri87, FM88]. **given** [Ano87q, Lav82a]. **glass** [ARS81, BS88, BF86, CEGM84, GD85, Kam86, Wre83, vE87b]. **glass-forming** [BS88]. **glasses** [BM89, BM84a, DS88b, SYG83, Tho82b, You84, Zeg87, vE85]. **Glauber** [DB80]. **Global** [Cer87, Jen86a, Pol89b, GS84a, GP89b, Kad86, PS82a, Pla86, Zeg86]. **Going** [Sha86]. **golden** [Lan84c]. **Goldstone** [LPW81]. **goodness** [BOG87]. **Gordon** [BBLT81, BT89b, LSM89]. **Gordon/** [LSM89]. **governing** [LS82a, TC84]. **Grad** [MS83a, Uch88]. **Gradient** [DS81, Mür87, dSH88]. **graining** [GKK87]. **grand** [Fam84, LH88b]. **Graph** [dO89, AN84, Kra82a, Kra82b, LG87, Lav82a, Wu88, vDG89]. **graph-theoretical** [vDG89]. **graphical** [PW86]. **graphs** [Lav82c, Lav82a, Lav82b, Row86, Spo85b, Whi89]. **gravitating** [Kie89]. **gravitational** [ATZ83, MR88b, Req88]. **Green** [BMO+84, Cep86, KSB85, SG81, Woo89]. **gridlock** [Nag85]. **Griffiths** [Bau83, Gra82b, WS88, WW88b]. **gross** [GHT80]. **Ground** [ARS81, Bur88, FH87, Gro89a, Gro89b, Gro89c, KP86, AL81, BBF86, Bre87, BS89c, HR80, KIM86, KD84b, KLT88, KMS87, Nis81, Rad81, Rad84, Rad86, SS83, ZT85]. **Ground-state** [FH87, Bre87]. **group** [ADFJ89, AMV85, AO87, BK81, BB80, BS87a, CL89, DGK81, Fam88, FK83, GWU86, JMS83, Kad86, Lar86, LS84, Mac83c, MO82, Mis85, MGJ89, Mut83, RGJ85, Swe84, TS81, Vis85, dOB89]. **groups** [Che82]. **growing** [Cho88b, MK89]. **grown** [HKW+85]. **Growth** [FF86, Gat88, PLM+81, AMV85, BMS87, CK87b, DGP84, FKRB88, FKRB89, KT85, NNK89, Pan84, PYC85, Ruj84, Sch88a, WKUK88, WC89, WT89a, vD88].

H [CL81, dH85a]. **H-theorem** [CL81]. **hadron** [DDL87, Reb86]. **Half** [BP83, CDK89, CIPS88, Pfi87]. **half-infinite** [Pfi87]. **Half-range** [BP83]. **half-space** [CDK89, CIPS88]. **Hamilton** [BK87, BW88b]. **Hamiltonian** [WB99, Alb89a, BD82, Bax89, BG86b, Ben80, Ben82, BP89, Dup87, DD88, ED81, FLO88, LPRV87a, RL86, SZ88, Süt89, TM89]. **Hamiltonians** [DF87]. **Handbook** [Wei84a, Wei86c]. **Hard** [ANFdL+83, BG80a, BG80b, BET80, DE89b, HK86, KH87, AB86, AB87b, BP85a, Bax81, BA86, Blu80, BDS83, BS84, BP85b, EW81, EW84, EW85, EC86, FH85, Gib81, Haa89, Huc83, Kir89, KY88a, KD82b, Kra88b, KvB85, LAA87, LA89, LvB89a, LvB89b, LYAA83, LCY83, LW85, Mar81, MM83, Mei83, PS88a, PP82, Pia83, Pia84, Pol84, Pom85, RS87a, Ros84, RL80, Shi83, TGN87, VB80, WW86a, WW86b, Wer88, XS89, ZS88, dSEC81, dSCKP89].

hard-core [FH85, KvB85, Ros84, RL80, Shi83]. **hard-disk** [KD82b, LYAA83, LCY83]. **Hard-particle** [BG80a, BG80b, Pol84, Wer88]. **hard-point** [Mar81]. **Hard-sphere** [ANFdL+83, DE89b, KH87, EW84, Kir89, LAA87, LA89, LvB89a, PP82, XS89, ZS88, dSCKP89]. **Hard-square** [BET80, Haa89, Mei83]. **harmonic** [AP89, BPT83, DPST86, DPST88, LSSW80b, NL85, NLC+86, NL87, Phi82]. **Hartree** [Zha89b]. **Hausdorff** [Fal87, Gra81b, PV89]. **Havlin** [dH85a]. **Heat** [HK86, KMP82, KSS87, ABF+85, CT84, Che87, Fer81, FLO88, GLR86, HMH84, KH87, NLSV89, SC85a, SC85b, SC87, Wei87b]. **Heavy** [ORD86]. **Heisenberg** [Alb89a, Bau83, KIM86, KLS88a, KPS89, Nis81, Sto86, TS81, ZT85]. **helium** [SH89a]. **Hemmen** [BC89b]. **Henon** [Cur81, FR81]. **Hermite** [cCM89]. **Herring** [DdGM89]. **heteroclinic** [GS86]. **heterogeneous** [RHHG88]. **heteropolymers** [Gro85]. **heuristic** [BF86]. **hexagon** [AB86, AB87b, Bax81, BA86, TGN87]. **hexagonal** [GV89b, KIM86, dFKP86]. **Hierarchical** [BM84a, BGN89, BK88c, CD89c, DDI83, GK82, GKT84, HC88, Kam86, KCH88, LMR88, MP89, MS86a, Vil87, GK84]. **hierarchies** [HT80]. **Hierarchy** [lHyZ82, MK83b, dAC87]. **Higgs** [BN87]. **High** [Bar88a, Pra83, RS87b, AF86a, ABL87, ACH88, BW84, Che86, CPV88, Deu83, Far87, GB84, IM86, LPRV87b, MZ89, Nel89b, O'C84a, PF85, Sok81b, WS83, Yan87, Zeg87]. **high-** [Nel89b]. **high-dimension** [PF85]. **high-dimensional** [AF86a, ABL87, CPV88, IM86, LPRV87b]. **High-pressure** [Bar88a]. **high-speed** [Che86]. **High-temperature** [Pra83, RS87b, ACH88, O'C84a, Sok81b]. **high-velocity** [WS83]. **Higher** [MH81, Eis87, FJ86]. **Higher-order** [MH81]. **highly** [Chr86, MS88a, Wer84a, Wer84b, Wer86a, Wer86b]. **Hilbert** [qC81, qCeY81, Del82a, Del82b, MR87]. **Hilbert-Enskog-Chapman** [qC81, qCeY81]. **Hilliard** [NC85]. **histories** [Gri84]. **hit** [CS83]. **HNC** [KEKS83]. **HNC-type** [KEKS83]. **hole** [Ale85, ERH85]. **Holes** [DMM+89]. **Holsztynski** [Mon88]. **homeomorphic** [AH88]. **homeomorphisms** [Lan84c]. **Homoclinic** [GW87a, GN83, GKN84, GS84a]. **Homogeneous** [HMH84, MB81, ABvT87, Ark83, Che82, Cor85, GM88a, JK89]. **honeycomb** [HS86, WW88b, Zia86]. **Hopf** [FL85, LLS88]. **Hopfield** [KP89b]. **hopping** [Der83, MGP+83, NE85, SS85, VM86]. **horseshoes** [GT83]. **Houches** [Kes88]. **Hove** [LCY83, Oji89]. **Hubbard** [Hir86, Sha88]. **Hückel** [CPRV89]. **human** [Row85]. **Hurst** [Gra82b]. **Hydrodynamic** [AV87, LvB89a, MKD87a, MKD87b, Wic89, BS89d, Fri87, FM88, GMLC87, Kra88a, LPS88, Mür87, SS86, Uey80a, Uey80b, vBD80a, vBD80b, vBD82, AV03]. **hydrodynamical** [DIP82, DFIP82]. **hydrodynamics** [BDS83, DF84, DPST86, DPST88, Dud89, HLC88, IT88, Joh89, Kad85, KV82, Kiv88, Vis81]. **hyperbolic** [GBP88b, Rie85]. **hypercubic** [NCF88, Sor88]. **hypernetted** [Ros86]. **hyperscaling** [RK88a, ST81b]. **hypersurface** [SW88]. **hypotheses** [Sch86c]. **hysteresis** [LTL87].

I. [Ano85p, GP85b]. **ice** [MK89, OB87]. **ice-type** [OB87]. **ideal** [AM87b, MNT85, MBG82, dSVT87]. **identities** [ABF84, Bax81, FB85b]. **identity** [FB85a]. **II** [MV86, Wes84a, WB99, Ala87b, AB86, Ano89o, BMV82, BG80b, BMS82, BW88b, qCeY81, CPR87, DFIP82, Der87b, Dri82, Dud89, Eis87, FFG$^+$88, Fer81, FP80, FILS80, GHKM89b, GM85, Gro89b, HGR87, HR83b, HS89, Jan82b, Jan89b, Ko88b, Kor86, KD82b, Leb86a, LRS89, MEvBD84, Mat84, MR88a, MIH86, MGJ89, Omn88b, PPK84, Pri81b, PS88c, Rei80b, RS85b, Ruj82b, SC85b, Smi89, SGL89, TvdB88, Wer84b, WC81, Zeg86, dHK85, vBD80b, vD87, vHGHK88b]. **III** [ACH88, AB87b, CW81, Gro81c, Gro89c, Jan89c, Lav82b, Omn88c, Ruj84, SC87, Wer86a, vBD82]. **illumination** [BK88a]. **illustration** [ACT82]. **Ilya** [Kag85]. **Immiscible** [RK88b]. **immune** [BvH89, Kür88, Pan89]. **immunity** [Lan89]. **impact** [WS83]. **imperfect** [vdBLdS84]. **implicit** [Kra85]. **Important** [Ano80m, Ano81n, Ano85n, Ano85o, Ano86n]. **Improved** [GWU86, KK88, LT86, BKLP89, GGP86, NGH82, Pri81b]. **improvement** [Gra82b]. **impurities** [ST81c]. **Impurity** [Cal83a, GOSS86, LGP85, Ric83, SS85]. **INCA** [VTH86]. **inclined** [SPA88]. **inclusions** [FFC83]. **incoherent** [dSEC81]. **incommensurate** [Sin82]. **incompressible** [FT81, LFtH88]. **increases** [FTZ84]. **independence** [ADM83]. **Independent** [FLO88]. **induced** [BH88b, DH85b, Doi89, EH89, FCK83, HHB87, KFB89, MT83a, MT83b, Mat84, Pia83, RW84, Ryt87, SH89b, Wes85a]. **inelastic** [Koh88]. **inequalities** [AN84, Bau83, BF81b, DdG84, DMMSR88, Dun85, DT89b, FVV82a, FP80, Gra82a, HS87, Kal81, KZ87, KY89, iKOS85, iK87, New86, Sch88c, Shl80, Sok81a, Sok82, Sor88, Tas87, dHK85]. **inequality** [BR80, ENO81, Gra82b, New87, Sok81b, TH84]. **Infinite** [BPZ84, GW87b, NS81, dAC87, ABCN81, ABG$^+$89, BPT83, CGVG83, DV87b, EW88, FF87, Fri84, KD84b, MPPT78, MPPT80, MP82, MO83, Mar81, MOS89, Pfi87, PS88d, RHHG88, SKW82, Skr84, Wic85]. **infinite-dimensional** [CGVG83, MOS89]. **infinite-dimensionality** [PS88d]. **infinite-particle** [DV87b]. **infinitely** [CC82, DPV86, HBAM84, Pul82]. **infinitesimal** [Fre87]. **Influence** [KvB85, LTL87, Mei88a, PIP89, VM86, BA87, cC87, Fed88a, IP86, LS82a, MKH81, Sek83]. **influenced** [Cuk86]. **Information** [MHV89, MT87, Sch87a, Sch87b, vHGHK88b]. **Infrared** [MS86a]. **Inhomogeneous** [Cor86, FVV82b, ZP89, DFP86, HGR87, JLM85, JLM95, KdH83, LM86, MB81, RW86, RS85b, ST81c, Tej87, VTH86, dS88a, TvdB88]. **Initial** [FE87, MCDK85, Ala89, DH86a, HN82, KSB85]. **Initiation** [CP88]. **inputs** [HH85]. **Instabilities** [Fox83, Gri88a, Les82, DT89a, DBW81, Wie85]. **instability** [Enz81, ED81, KFB89, KC83, MB81, SSM85, Sti80, TvdB88, Van83a, vBC88]. **insulator** [KD84a]. **integrability** [Git89, Sha88, TW85]. **integrable** [BG86b]. **integral** [Ber86, CCR81, FFC82b, FCD86, Jen81, LSM89, LV88, SIK86, TWB86, WW86a, Wer84b, bA88a]. **integrals**

[Gro83a, Gro83c, Gro84, Lav82c, Nak86, Phi82]. **integrands** [Woo89]. **Integration** [Gzy82a, De 85b, GMLC87, Gre82a, GSH88, Wol82]. **Interacting** [Pri86, BR86, Bau83, CPPV89, CR81, CWD82, CWD83, DPV86, DFL86, DFL87, FH87, FJ86, Heu86, MKDC85, NOR89, Skr84, Spo87, SS83, Wic89, WMvBL88]. **Interaction** [LLS88, AM87b, BBF86, BDE89, Bra89, BS84, CDM86, GV89b, Ker88a, OB87, Per82, Pic83, Pic84, Ric83, Ros87, Zeg87, Zol87]. **interaction-round-a-face** [OB87]. **interactions** [AB87a, BC89a, BMS82, CCO83, Cho88a, CG80, DS87, FT88, FILS80, HP85, ITH83, Ito82, KH82, Kle86, KP86, MTA85, Mie89, Par85, PPK84, Pen86, PT86, Red81, Ruj82a, Ruj82b, Ruj84, SBS88, Smi88, Smi89, Wag89, Wu86, dS86a, vEF89, Pen87]. **interatomic** [Bar88a, PA88]. **Interface** [Bil88, Ker88a, Rui89, BPU85, DFV89, Fer88, HGR87, HP87, KM87, LM87, NGH82, PIP89, Req88, RZ88, vL89]. **interfaces** [BR85, Gun84, HKZ88, Høy87, PS89, SIvL$^+$88, SPA88]. **Interfacial** [BS87a, tL88, Cho88b, Par87b, Wid88a]. **Interferences** [Omn88b]. **intermediate** [AGL88, GB84]. **intermittency** [Dei85, EH89, Meu84]. **intermittent** [SYOM84]. **Internal** [Sim87, WR80, BK88a, SS84a]. **Internally** [ERH85]. **International** [Ano88a, GBD$^+$86]. **Interplay** [Abr85]. **interpretable** [d'E89a]. **Interpretation** [For84, Gra84, Gri84, WS84]. **Intersecting** [Kra81, KD82b]. **intersection** [Par89]. **intersections** [BLP89]. **interval** [Boy87, Cos80]. **intervals** [Dom89]. **interview** [Fei85]. **intractable** [Jer87]. **Intrinsic** [NB87, PPP84, vK87b, GMC81, MGL87, SKS82]. **Introduction** [Ano83o, Ano86o, Lin84, Lin88, Rap88, Rap89, bA88a]. **Invariance** [Fer88, BT89a, DFGW89, Spe84, dFSZ87]. **Invariant** [FGS84, Jen86b, Tél83, BPP87, BK88b, CFGK87, GBP88a, GBP88b, Ito82, MS88b, OWY84]. **invariants** [BOG87, DF86b, Pet87]. **Inverse** [CK87a, ABKS89, Bax89, Bra89, CC84, Gou86, O'C84a, OB84, O'C84b, TCB89]. **inversion** [Bax82]. **investigation** [VH87]. **investigations** [CMM86]. **Ion** [CH88c, Hor85, DP85, GP89a, HGR87, Lav87, Lin85, SSM85]. **ion-dipole** [GP89a]. **ion-ion** [Lav87]. **ionic** [BH83, GDx82, KLS84, MV87, MV88b]. **ions** [Blu80, PHB81, VB80]. **IRF** [Ruj82b]. **iron** [MV86]. **irrational** [Sar84]. **irreducible** [Jan89c]. **irregularity** [PAF84, PAF85]. **Irrelevant** [SH82]. **Irreversibility** [KB86, GGM86, Len88, MT87, Omn88c, Spo85a, dlL82]. **irreversible** [Del84b, Eu84, EH84, GCF82, GCdHR$^+$84, Kei83, Kei84, LS82a, MK89, Pan84, Ram85]. **Ising** [AKS89, ABvT87, AF86a, ABL87, ABF87, ACCN88, AB87a, AF86b, AM84, AMR82, BK81, BB82, BD82, BPP84, BZ87, BT89a, Ber85, BDS86, BBF86, BS87a, Bil88, BOP87, BF88, BSF89, BLP81a, BL86, BK88c, Cam81, CCS87, CkM82, CS86b, CK87b, CF80, CHM83, CMM86, DD81, DV87a, Dav82, Dav87, DdG84, Fer81, FFS84, Fra86, FE87, GLM87, GS85, GR87, GW87b, Gra82a, Gra82b, Gra84, HMOV87, HCKS84, Her86, HS87, HM84, ITH83, IP86, JS83, Jan87, KP89a, KW82, Ker88a, Kir84b, KY89, Ko88a, Ko88b, KMS87, Kur83a, KM87, Kur83b, Lin87, LW88, LM88, Lin89a, Mal82, MTA85, MJ85,

Mon80, Mon85, Mon88, MH81, Mou82, MS86b, O'C84a, OB84, PPKP89, PIP89, Per89, Pfi87, Red81, Ros87, SW85, Sch88a, ST81b, Sel89, Sim81b]. **Ising** [Siu85, SD85, Süt80, SPA88, Tej87, Tho82a, Tra88, VTB86, WL88, WZK84, WK84, Wu85, Wu86, Zha88, ZP89, ZS82, Zia86, Zol86]. **Ising-like** [Cam81]. **Ising-type** [ABF87]. **isomerization** [EFN83]. **isospin** [PPKP89]. **isothermal** [FE87, Kie89, MV86, MS82b]. **isotherms** [For88]. **isotropic** [GS85, KLT88, LFtH88]. **isotropie** [BGBS88]. **issue** [Leb81]. **Itô** [vK81b]. **Iterated** [BMV85, Ben85b]. **iterates** [MT82]. **Iterations** [Cos80]. **Iterative** [FBG86, BH88a]. **IUPAP** [Ano88a]. **IV** [Lav82c, Omn89, Wer86b].

J [AV03]. **Jacobi** [WB99, BK87, BW88b, CK87a]. **James** [Fis88]. **jellium** [MM84]. **Joint** [Szá80]. **Jones** [BDL81, Bis82, VH87, VH89]. **Josephson** [LKMJ85, Lom85, Sok81b, Unn89]. **Journal**
[Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano81b, Ano81c, Ano81d, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano82l, Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano82f, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano84e, Ano84f, Ano84g, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano85b, Ano85c, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano86c, Ano86d, Ano86e, Ano86f, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86b, Ano87h]. **Journal**
[Ano87c, Ano87d, Ano87i, Ano87e, Ano87f, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87g, Ano88e, Ano88c, Ano88d, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Ano89l, Ano89m, Ano89n, Ket84]. **Julia** [BGH84, BGM84]. **jump** [KMST86a, KMST86b, vBK87]. **junction** [Unn89]. **junctions** [LKMJ85, Lom85].

Kac [ABCN81, CC86, Cor85, Dre87, Fei85, Kas87]. **Kac-type** [ABCN81]. **Kadanoff** [Lar86, TS81]. **Kagomé** [GR87]. **KAM** [CF88a, LT86, SK82]. **Kampen** [Van88]. **Kauffman** [CP88, KTP88, Lam88, Sta87b, Stö88]. **Kawasaki** [Zha89a]. **KDV** [McK87]. **Keizer** [Eu84]. **Kelvin** [EF87]. **kicked** [DGP84, Pel88, Pel89]. **kicked-rotator** [Pel88, Pel89]. **kind** [Str88, Wei87b]. **Kinematics** [BBLT81]. **Kinetic**
[KC83, MKDC85, MK85a, McL82a, SS88b, Wat80, vBD80a, vBD80b, vBD82, Ala87a, Ala87b, ACH88, BS89b, BS84, BMS87, BT81b, BT81a, Cer86, CP87, CL88, CIPS88, qC81, qCeY81, CdS87a, CdS87b, DV87a, DR83, DB89, EHH82, GCF82, JKHV85, LS89c, LWS88, MCDK85, MK83a, MK83b, Pan84, PT86, PS82b, Rei80a, SS88a, Sch88a, ST84a, Spe84, SD81, Sza89, WT89a]. **Kinetics**
[MM83, PB83, PLM$^+$84, WM83, Zif80, vDE84, Ade86, Agm86, AKN84, AMV85, BA87, Dor83, EFN83, EF87, EH84, EN85, KK85, Pol89a, SBS88].

kinks [BT89b]. **Kirkwood** [Zag82]. **Klein** [BT89b, ST84a, Tit84]. **know** [Nel89a]. **Knudsen** [Bab86, DH86a, DH86b]. **Kolmogorov** [EK85, Mis87]. **Kondo** [TW85]. **Koopmanism** [MR87]. **Kosterlitz** [BP89, Dun85, MP89]. **Kramers** [CCR82, MST84, ST84a, Tit84, WJS84]. **Krook** [Cor80]. **krypton** [Bar88a]. **Kubo** [FRY87, Woo89].

lacunary [HMS83]. **Lagrangian** [SB88]. **Landau** [BJLS89, Dei85, Fri87, FM88, Shl85]. **Landauer** [SH89c]. **lane** [RHM86, MS82b]. **Langevin** [BMV82, BCT86, CR81, DBK$^+$86, Der87b, Fed88a, FK87, Gri82, KP85, Maa84, Ram85, RL86, RSRD83, SKA86, VMA83, VMB82, vK81c, vK89]. **Langevin-like** [vK89]. **Langevin-type** [Fed88a, VMA83]. **Laplace** [AV81, Had81]. **Laplacian** [FOT85, vdB83]. **Large** [Bre87, DV87b, GMO89, KPS89, PP82, Reb86, ADG88, Che86, CPV88, DvE89, ENO81, ED81, FHT88, For89b, GM87, Jau85, KW82, KN87, MM87, MIH86, Sim81b, SS83, Vai89, Vig82]. **Large-** [KPS89]. **large-block** [DvE89]. **large-coupling-constant** [MM87]. **Large-density** [GMO89]. **Large-order** [Bre87]. **Large-scale** [Reb86, Che86, ED81]. **larger** [FGN88]. **largest** [KH86]. **laser** [YAR89]. **lasing** [HNMK80]. **lateral** [SBS88]. **Lattice** [AB86, AB87b, BA86, Chr86, Ker86, Kog84, LSSW80a, Sha86, AL81, AFV85, ADFJ89, AV81, ABG$^+$89, BET80, Bax82, BS89a, BP89, Bor87, BN87, BKL83, BH88b, BS86, CR86, CG85, CCR85, CF80, Cia85, CFS84, DBK$^+$86, DF85, DL82, DS83a, DS86c, Dic89, DPST86, DPST88, DD88, EW82, EB88, EvV89, FVV82a, FH87, Fon81, FP87, Fri87, FJ86, FH85, GR87, GW87b, GLO86, GM88b, GM96, GKT$^+$86, GG83, GS88, Guj82, GGP86, GV89b, HR82, HMV84, Heu86, Hey82, HWW82, HKZ88, Huc83, HS86, HS82b, KD84b, KLS84, Keh83, KTP88, KPS89, KY88a, Kog86, KU86, KMS87, KvB85, LD87, LH88a, LS84, LN85, Lin87, LW88, LM88, Lin89a, MPPT78, MPPT80, MLSK85, Mei83, MHB86, MS86a, O'C84b, Oli88, PMBB$^+$84, PPKP89, Par82, PB83]. **lattice** [PW81, Pol89a, Pra83, Pri81a, Pri81b, Roe81, Ros87, Rot89, RG86b, RL80, Sch85a, SZ88, SW87, SGL89, SWYM87, Tar87, Tas85, VM86, VM87, VM88, VtLZ89, WHB85, Wes82, WW88b, YNS86, Zah87, ZWLV88, Zwa82, dFKP86, dO89, vBK87, FILS80]. **Lattice-gas** [Ker86, SZ88]. **lattices** [AO87, AAK84, CM89, CD89c, EvV86, Ern87, EH84, EN85, Hal83, HC88, KdH83, KIM86, KI83, KHNA83, KFS83, Mac83c, NCF88, NR88, Pen86, Pen87, Per89, RS85b, TCB89, Zia86, dH84a, dHK85, vBK87]. **law** [AL81, BS88, Bra89, cCM89, DDdG83, Del84a, EK85, FHT88, Kes81, LS82b, Mac83b, MR88b, NNN89, Rav89, ZWLV88]. **laws** [DB89, GS81, GBP88b, Lee87, LR88b]. **Lax** [FC89]. **layer** [BT81b, BT81a, DH86a, Req83, ST84a, WT89a, WT89b]. **layered** [LM88]. **layers** [Req88]. **leading** [DC89]. **learn** [GN83]. **Learning** [DN87, PGDT86, Ste87]. **Lebesgue** [Süt89]. **Lee** [De 87, Kur83b, MS84, VTB86]. **length** [MS87, Mei88a, Ngu87a, O'C84a, OB84]. **length-conserving** [MS87].

lengths [DST89, O'C84b]. **Lennard** [BDL81, Bis82, VH87, VH89]. **Lennard-Jones** [BDL81, Bis82, VH87, VH89]. **level** [Jan89a, Jan89b, Jan89c, LOS88, Sek83]. **levels** [Har84]. **Levitan** [HR85]. **Levy** [Ben84, MB84, ZBKS89]. **Lewis** [HW86]. **Liapunov** [BPTV88, Boy88, DF87, EW88, LR88b, LPRV87b, MM87, ZD88]. **lifetime** [BMS87]. **lifetimes** [NS80]. **Lifschitz** [Mez87, Sim85, Sim87]. **Lifshitz** [Ano85p, GP85b, Kag85, KS86, LN88, NLC$^+$86, NL87]. **ligand** [Han83a]. **Light** [SSM85, BK88a, CLRT83, HM88, Kiv88, MK89, Nos84, Nos86b]. **like** [BG80a, BG80b, Cam81, Fye86, vK89]. **likely** [WZ89]. **Limit** [Gol85, ACH88, AZ85, BMV82, BW88a, Bon87, BCM87, CD89a, CG81b, DDdG83, DdVG89, Di 84, DvE89, FOT85, FHT88, For89b, FTZ84, Fri87, FP80, FGMZ85, GT84a, GT84b, Gro89b, Gro89c, HR83a, Igl89, KPS89, KLSZ86, MK83a, MK85b, Meu85, Mür87, Oji89, Omn88c, PS88d, Rez81, RHHG88, SS86, TF86, Uch88, VMB82, Wic89, vBLLS80, vEvH83, BCM88]. **limited** [KS85, TG87, WKL89, vD89a]. **limits** [GK84, MK84, PF85]. **line** [BLP81a, Fed88b, For86b, For88, HR83a, HR83b, ORD86, Szá80, WH84]. **Linear** [CS89, KS81, VD89b, Agm86, CP82, CdS87a, CdS87b, Coh88, Con88, DH87, DR83, EP88, FvdM89, KW81, Ko88a, Ko88b, Muk82, Sal86, Str88, Sza89, Tél83, Van88, Der87a]. **linearity** [WE82]. **linearization** [ER81, Suz87, VMA83]. **Linearized** [Gzy82b, Cer86, Dud89, BLS82, Rei80a]. **lines** [Loh86, MV87, MV88b, Nel89b, Ruj82a, Ruj82b, Ruj84, SC87]. **Liouville** [DLT88]. **Liquid** [BGBS88, Bru88, Cha84, HGR87, HP87, HEH89, KFB89, Key83, KS85, LCG85, LCG86, MK85b, Mei88a, NGH82, SH89a, Tou89]. **liquid-crystalline** [KS85]. **liquid-vapor** [HGR87, HP87]. **liquid-wall** [Key83]. **liquid/gas** [NGH82]. **liquids** [BS88, Cha86, DPT80, HW86, Kiv88, MK84]. **List** [Ano84p, Ano85p, Ano86p, Row86]. **Local** [BS89b, Fed88a, GS84a, GV89b, KY88b, Nar82, Pia87, Skr84, Tho82a, AB86, BA86, BLP81a, DIP82, DFIP82, Der87a, Der87b, GGL88, MS87, NM84, PG83, Rue86b, SS89, ST81c, d'E89a]. **Localization** [Far87, FSW86, HMC87, KC85, Spe88, Zol86, Abr85, DLS85, Sin87, Sor89, TWB86]. **Localized** [KFS83, SLW84, TG88, RLB86]. **locally** [GLM87, MNT85]. **Locating** [Rue86a]. **locking** [DH87]. **locomotion** [Nos83]. **log** [For89a]. **log-gas** [For89a]. **Logarithmic** [HBB88, HS87, Har87, HT87a]. **Logical** [Omn88a, Omn88b, Omn88c, Omn89]. **logistic** [MKH81, TG81]. **Long** [ADG88, EMDvB84, EvV89, Gra86, MEvBD84, MK83a, MK85b, NKD84, NKO$^+$89, TCB89, Wes84a, Woo89, AM85, Bau80, BZ83, CCO83, CFG80, Eva80, GLM80, HZ86, Ito82, Ker88a, LvB89b, LMN84, LN88, Mac86, MK85a, MK84, Mei88a, MBG82, Pen86, Pen87, Pia81b, Pic83, Pic84, RK88a, RT81, SG87, SC88, SF89, WWH89, Zeg87, vEvH83, vEvH85, vE85, vE87b]. **Long-range** [Gra86, NKD84, NKO$^+$89, TCB89, AM85, Bau80, BZ83, CCO83, CFG80, GLM80, Ito82, Ker88a, MBG82, Pen86, Pen87, Pia81b, Pic83, Pic84, RK88a, RT81, Zeg87, vEvH83, vEvH85, vE85, vE87b]. **long-tail** [SC88]. **long-tailed** [WWH89]. **Long-time**

[ADG88, EvV89, MK83a, MK85b, Wes84a, Woo89, Eva80, LN88, SG87, SF89]. **Longitudinal** [HGR87]. **Loop** [Law88, vL89]. **Loop-erased** [Law88]. **Lorentz** [BBS83, BL85, CK88b, EvB81, EB88, EvV89, GM83, JE89, KD83, KSS87, LH85, MR86, MHB87, Pia81a, vBS83]. **Lorenz** [Fra80, Ito84a, KWL87a, Ste89, ZL81]. **Lorenz-type** [Ste89]. **loss** [CH88a, Sch87a, Sch87b]. **Lovett** [MG83]. **Low** [CkM82, DS86c, Fon81, PF85, SG87, Uim84, FGMZ85, HKZ88, Ito82, Jon86, KD83, Lav87, LS82c, OB84, Ryt87, Tar87, Zah87, vBLLS80, SGL89]. **Low-and** [PF85]. **low-density** [vBLLS80]. **low-dimensional** [Ito82]. **low-friction** [FGMZ85]. **Low-fugacity** [Fon81]. **Low-temperature** [CkM82, DS86c, SG87, Uim84, Jon86, OB84, Tar87, Zah87]. **Lower** [ADS80, Gro83a, Guj82, Ken82, Pri81b]. **Luttinger** [HSU80, OP87]. **Lyapunov** [CPV88, DF86b, Kai82, KH86, Mar85, MR88b, NL85, Rav89, Vai89].

M [Ano85p, GP85b]. **machines** [Ben80, Ben82, Mas89]. **macrodynamics** [KN87]. **Macromolecular** [Bro82, BMS82, HM88]. **macromolecules** [Fam88]. **Macroscopic** [PW88a, PW88b, EK85, Rub86, ST81a, Jan89a]. **Magnetic** [AGK84, Gla85, GLO86, FFS84, HMC87, Ito88, JMM87, MKD87a, MKD87b, MTA85, MS82a, Sch83, SS88b, Uim84, Wu85, Wu86]. **magnetically** [Bal87]. **magnetism** [FT88, PT87]. **Magnetization** [BPP84, LW88, Syl83, AF86a, ACCN88, AM84, BL86, DD81, De 87, GD85, Geo81, Lin87, LM88, Mon80, Pea81, Siu85, Sla83, Wre83]. **magnetizations** [KP89a]. **magnetoelastic** [BTZ85]. **Magnetotransport** [OS84]. **magnets** [BCSY84, KTB86]. **majority** [DvE89]. **majority-spin** [DvE89]. **Making** [Shl88]. **Mandelbrot** [Nau87]. **Manhattan** [Dup87, DD88]. **MANIAC** [And86]. **manifold** [KW83, vK86]. **manifolds** [FR81, MT87]. **mantle** [Bau85]. **many** [AM83, Bak82, CC82, CWD82, CWD83, DPV86, FOT85, Gri88b, GOSS86, Neg86, OP87, PPP84, Wag89, vEF89]. **many-body** [AM83, CWD82, CWD83, Gri88b, GOSS86, Wag89]. **many-fermion** [Bak82, OP87]. **many-particle** [Neg86, vEF89]. **map** [CM89, DH87, Doi89, Dör85a, FCK83, JJ86, MR87, MR88a, Str87, Tél83, YMS83, de 88]. **Mapping** [Sch86a, FR81, HK85, KH86]. **mappings** [BZ87, GS81]. **maps** [BGH84, BN88, Boy87, CEK81, FKP88, GS84b, Hel88, Lop88, MS88b, NZ86, Okn88, PV89, SMYO83]. **Mark** [Kas87, Fei85]. **Markoffian** [Zwa82]. **Markov** [DFGW89, FZ85, Gat88, Gid85, HCM85, KMST86a, KMST86b, Lév86, MT84, NNN89, SS84a, Str88, Van83b, Zeg86]. **Markovian** [CH88b, Els84]. **mass** [AS89, FO89, Joh89, ORD86, Sha86, ST88, VKK85]. **masses** [MM83]. **massive** [MK83b]. **massless** [BLM87]. **Master** [Els84, Fai81, FL85, Ken83, LN84, RPSS85, CH88a, Con82, DG83, Gzy81, NMM80, Vig82]. **materials** [OS81]. **mathematical** [Fis88, GBD$^+$86, Kra81]. **Mathematics** [Ano81o, Ano85s, Lax86, SS84b]. **Mather** [VT89]. **Mathieu** [CD89b]. **Matrices** [Rav89, CK87a, CPV88, Gro83c, Gut86, KW81, Sha82b]. **matrix** [AKS89, ABCT86, Boy88, Con88, DZVS84, DS83b, Gie89, Hub83,

JMF88, Kho87, Lam89, MPK88, PS89, SD86, SC85b, VR85, Zol86]. **matter** [BH83, Kie89, Red89, Sca86, Shl85]. **Mattis** [Nis81]. **maximal** [Lop88, Zeg86]. **Maximum** [MS83b, Had81, Lan84b, Opp80]. **Maxwell** [CG80, CG81a, DF80, Fis88, HN82]. **Maxwellian** [Dic85, EP88]. **Maxwellians** [PG83]. **Mayer** [Ben85b, Bry86, BK87, BW88b, Lav82c, Lav82a, Lav82b, Rai81, Spe86, WB99]. **McKean** [KST89, Sch87c]. **Mean** [Ala87a, Ala87b, ACH88, Ken84, Pea81, Sim80, Sok82, THFT87, TB88, TH84, VB80, Bra89, Daw83, DGK81, FVV82b, FT88, GPS86, GP89a, LFtH88, Mac83a, PHB81, PWvH84, Ros84, SW85, Sla83, Smi88, Smi89, Tho82b, ZS82, LRS89, Van83a]. **Mean-field** [Ala87a, Pea81, Sok82, Ala87b, Daw83, FT88, GPS86, SW85]. **meanfield** [Bon87]. **meaning** [Oji89]. **means** [DST83, Lav82a, Lav82b]. **Measure** [Len88, BK88b, Cha82, FLS86, Lop88, MS88b, Meu84, Süt89, VTB86, WW88a]. **measure-theoretical** [Meu84]. **Measurement** [Nos84, Lan89]. **Measurements** [GRS80, LR88b]. **measures** [BPP87, Fri86, GBP88b, Gut84, Man84b, MR83, Zeg86]. **Meblin** [BGM84]. **mechanical** [Bau87, Ben84, Ben80, Ben82, BW88a, BS81, CDK89, CD89a, GKI85, Jan85, KW88, KD83, Par87a, PW88a, PW88b, Row85, Ruj87, SLM89, Wre83, 't 88]. **Mechanics** [Ano80o, Ano80n, Ano81o, Ano81p, Ano82q, Ano82n, Ano82o, Ano82p, Ano83s, Ano83t, Ano84u, Ano85a, Ano85q, Ano85r, Ano85s, Ano86q, Ano87o, Ano87p, Ano87a, Ano88b, Ano88a, Ano88o, Ano88p, Ano89b, Ano89o, Leb86b, Leb86c, Leb88d, Leb89b, Leb89c, Leb89d, BFA86, BH83, BCF86, Bav87, Bav89, BEF86, Chu85b, Dem83, Der87a, Der87b, Dup89, FS81, Gol87, Gre85, Gre89, Gri84, Høy87, Kie89, KW81, Kog84, Kra81, KD82b, LG87, LPW81, LLE$^+$83, Leb86a, LRS88, Leb89a, LRS89, Leu87, Lin84, Lin88, Lin89b, LPRV87a, MS82b, Nak86, Nel89b, Omn88a, Omn88b, Omn88c, Omn89, Par85, PS88b, PS88c, Ram86, Rei84, Req82, Rue86b, Sch86c, SG81, Spo86a, WP82, Zwa81]. **Mechanism** [ZR87, KI83, PGDT86]. **mechanisms** [BGWY85, Bro81]. **media** [EEEF84, EMDvB84, FM87, GP85a, Gro81b, Gro81a, Gro81c, HZ86, HHO86, LHFW88, Le 84, MEvBD84, MG88, Ram84b, RHHG88, Sta84, Tor86b, Vid87, dH89b]. **medical** [PP83]. **Medium** [GP83, DS86b, Gar87, HWW82, JMF88, Nau85, Ser86, ST81c]. **Medium-dependent** [GP83]. **Meeting** [Ano81o, Ano82m, Ano83p, Ano83q, Ano84q, Ano84v, Ano85s, Ano87o, Ano88o, Ano88p, SS84b, Ano80o, Ano80n, Ano82n, Ano82o, Ano82p, Ano83s, Ano83t, Ano84u, Ano85q, Ano85r, Leb86b, Leb86c, Leb88d, Leb89b, Leb89c, Leb89d]. **Meetings** [Ano87p]. **Melbourne** [Ano85s]. **Melnikov** [Jau86]. **Melting** [Ima86, Kho87, Fis84b]. **membranes** [ADFJ89, Kle89]. **Memory** [CH88a, BGM86, Ern88, Leb81, ME87, VH89]. **meniscus** [DdGM89]. **Mermin** [BPK82, MM84]. **mesh** [Lav82c]. **Mesoscopic** [Nak81, Bur86, Jan89b, Jan89c]. **metal** [KD84a]. **metal-insulator** [KD84a]. **metallic** [HGR87]. **metals** [HGR87, KC85, Muk82, OS84, Pes85].

Metastability [Dav82, RS84, Sch85b, HCKS84, Jan87, PS82a, THFT87]. **Metastable** [ABvT87, CGOV84, DGK81, Han86b, LO85, MKB86, NS80]. **methane** [dSvLH89]. **method** [AN87, An88, Bax82, BWdF88, BS85, Boy88, CC86, Che87, Cho88a, CFS84, ER81, ED81, Fre87, GOSS86, GWU86, HW82, HR85, Loh86, LS89b, MS88a, MR88a, MO82, Mon88, Mor84, NG87, PWvH84, PS82b, Sch88b, Suz88, Tou85, WKUK88, WKC83, WT89b, YS85, vBD80a, vK87a]. **Methods** [BTZ85, Rei84, Bak82, BB80, Ber86, BBAH83, Fed88a, FCD86, IVMA83, KSF89, Koo86, LM86, MY85, Rap87, Rap88, Sch84, Suz86a, Wei84a, Wei86c, bA88a, Wes86a]. **metric** [Aur87a, Aur87b]. **micellar** [SZ88]. **micelles** [BGBS88]. **Micro** [HLC88]. **Micro-hydrodynamics** [HLC88]. **microcanonical** [DHB88, RZ88]. **Microdynamics** [GHT80]. **microinclusions** [Kho87]. **micromorphic** [OS81]. **Microscopic** [BCD$^+$86, DdGM89, Els84, Key83, LS82b, LPS88, PB83, PS87, Rei80a, Rei80b, SKS82, Ben80, DFV89, DGL83, Tit88, Wag89, dCD87]. **Microstructure** [Tor86b]. **microstructures** [DS81]. **Migdal** [Lar86, TS81]. **migration** [Han83a]. **Mikhailovich** [Kag85]. **minority** [ABL87]. **Misra** [dlL82]. **mixed** [AB87a, GW87a, Kam86, Uey80a]. **mixed-mode** [GW87a]. **Mixing** [NT89]. **mixmaster** [Eis87]. **mixture** [Blu80, GDx82, MM83, Woo89]. **mixtures** [FGS85, HP85, Joh89, Mei88a, VD89b]. **Mobility** [HM88, KD83, Rod89]. **Mode** [DML82, DR83, dSvLH89, vB84, vB85, BF81a, DH87, FT81, FTZ84, GW87a, Sch83, TL82, Yip89]. **Mode-coupling** [dSvLH89, vB84, Sch83, Yip89]. **Model** [MTA85, Spo83, AS86, AKS89, ACS89, AB87a, AM84, ABF84, AB86, AB87b, ABCT86, AMR82, AB83, ABF$^+$85, APSJ85, BF81a, BK81, BB82, BD82, BD88, BBP87, Bax81, BA86, Bax88, Bax89, BZ87, BG82, Ben80, BT89a, BDS86, BNHF83, BBF86, BS87a, Bil88, Bin81, BC89b, BM84b, BM88, BN87, BOP87, BK88b, Bov89, BT88, Bra89, BD85, BS84, BK88c, BMS87, Bur87, BL90, CDK89, CD89a, CCP87, CGVG83, CH88b, Cer86, Cer87, CCS87, CkM82, Cho88a, CS86b, CK87b, Chu85b, Cla83, CHM83, CFGK87, Cor80, Cor85, CP88, CMM86, CW81, DD81, DV87a, DP87, DDdG83, Dav82, Daw83, DFV89, DL82, Der83, DdVG89, DB80, DS83b, Dot84, DP89, EE88, EFN83, Els84, EF87, Fer88, Fer81, FdF86b, FdF86a, FFS84, FLO88, FB85b]. **model** [For86a, Fra80, FCD86, Fri85, Fri87, FH85, GLM87, GK82, GKT84, GK84, GP86a, GS85, GR87, GM84, GW87b, GP89a, GOSS86, Haa89, HW82, Ham87, HBB88, HMOV87, HSU80, HR82, Hio83, Hir86, Hög88, HD87, HM84, HR86, Igl89, ITH83, Ito84a, Ito88, Jan87, Kad85, KP89a, KT85, Ker88a, Ker86, KPS89, KSF89, KMP82, Kir84b, KLS89, Ko88a, Ko88b, KP89b, KU86, KMS87, KST89, Kur83a, KM87, Kür88, Lam88, Lar86, LS84, LPT87, Leu87, LR88a, LGP85, Lin87, LW88, LM88, Lin89a, LMR88, Luc86a, Mal82, MV87, MV88b, MKH81, MO82, MB81, MKB86, MPK88, MZ89, MS84, MJ83, MJ85, MH81, MB84, Mou82, Nag85, NOR89, NR82, NE85, Nis81, NKO$^+$89, O'C84a, OB84, OS84, OY87, OP87, OB87, PF85, Pan89, Par87a, Pas82].

model [Pas83, PFvdMZ89, Pel88, PB83, PHB81, PWvH84, PW86, Pfi82, Pfi87, Pic83, Pic84, PW84, PG83, Pri81a, Rag88, RT86, Rod89, RS84, RLB86, RHG89, RZ88, RG86b, Rui89, Ruj82b, Sal88, SW85, SS88a, Sch88a, Sch87c, ST81b, SH89a, SKO87, SR86, Sha88, SS86, Sim81a, Sim81b, Sim85, Smi88, Smi89, SD85, Spo87, Sta88a, SN84, Ste89, Sti80, Stö88, SH89c, Str88, TS81, TL82, Tej87, TF86, Tho82a, Tra86, TGN87, Tra88, Tru86, Uch88, Uim84, VB80, Wei87a, WK84, Wu80, Wu85, Wu86, WW88b, Wu88, YHM80, Yeu89, ZP89, ZS82, ZL81, Zol86, dOB89, vBS83, vD88, Bro82, Pel89]. **modeling** [CDPP89, MS81a, MR88b, Ros87]. **Models** [LR88b, vHZ88, ABvT87, AN84, AF86a, ABL87, ABF87, ACCN88, ADFJ89, ABCN81, BPP84, Bau83, Bax82, Ben82, BM84a, Ber85, Bon87, Bra88, BW82, BL87, BS86, BS87b, Cal83b, CG85, Cor87, Cor88, Cor89a, CG81b, Dav87, DMMSR88, DS80, DDI83, DFP86, Dic89, Dre87, Dup87, EEEF84, EW82, EvB81, FVV82b, FE87, FM88, GMP89, GT83, GL89a, GLR86, GRS80, Gra84, GT84a, GT84b, GG83, HCKS84, HN82, Her86, HKZ88, HS87, HD83, HR85, Ito82, JS83, Jau85, JKHV85, KW82, Kal81, KIM86, KLS84, Kat85, KTP88, KK88, KU86, Kor86, KSS87, KY88b, Kur83b, LPS88, LWS88, Mon85, Mon88, MS86b, NNK89, NS81, Nie84, OMS86, Opp88a, OB87, PYC85, Pea81, Per86, Per88, PT86, PS88b, PS88c, Red81, Roe81, Ruj87, SG88]. **models** [Sch86a, Sch88c, SS82a, SVBO88, Sel89, Sha82b, Siu85, ST88, ST89b, Sor88, Sta89, SD81, SYG83, SPA88, TG88, Tas87, WKUK88, WL88, WZK84, Wei86e, WC89, Wre83, Zah87, dFSZ87, vBK87, vE87b]. **moderately** [MK85a, NOR89]. **modern** [Lin88]. **modes** [Bis82, Bur86, Joh89, Per89, Rei80a, Rei80b, Sch89b, dSC82]. **modification** [OP87, Sch86c]. **modified** [Pol89b, Ros86, SH89a]. **modified-hypernetted-chain** [Ros86]. **Modular** [TGN87]. **Modulated** [FT88, JW89, Maz81, SG88]. **moduli** [BCF86, Bav86, Tej89]. **Molecular** [Ben85a, BDL81, BGWY85, Bon85, EW81, EW84, EW85, Per84, RBHL86, SIvL$^+$88, CT80, GG87, HEH89, HMH84, HK86, KTB86, KL83, KH87, LH85, MK87, MK85b, PAF84, PAF85, Rap85, VH87, VH89]. **molecule** [CK88a, GG86]. **molecules** [Abd87, Dic85, Har84, Mei88a, MS81b, SM86, YS85]. **Moment** [Bak82, WT89b]. **moments** [BMS89, LSSW80b, NH88, SKW82, WHM89]. **momentum** [SH82]. **momentum-shell** [SH82]. **monolayer** [YS85]. **monomer** [Jer87]. **monomer-dimer** [Jer87]. **monomode** [Kod85]. **monotonic** [Boy87, PL87]. **Monte** [Ber86, BS85, BK88a, BK80, BW89, dAB87, BF88, BSF89, BBAH83, CC86, CLWH82, CDM86, CG85, Cep86, CS86b, DL82, DC89, FOU86, Gla88, GWU86, Gut84, HW82, HW86, HGR87, HHB87, HR82, HMV84, JS83, JMS83, KW82, KTB86, KL83, Koo86, Kun86, Loh86, MS87, MS88a, Mei83, MGJ89, MS86b, Mut83, Neg86, PSZ87, PGS87, PA88, Rap89, RBHL86, SS89, SM86, SF89, Sug86, STA88b, Suz86a, Swe84, TWB86, WZK84, WK84, Zha89a, Rap87]. **Montroll** [Opp86b]. **morphogenesis** [KHM$^+$83]. **Morphology** [Cho88b]. **Morse** [AP89]. **Mossotti** [FFC83]. **motility** [Sta88a]. **Motion**

[Lan88, PPK84, BH88b, CDK89, CH88b, CK88a, Cuk82, Gee82, Ken83, kM81, MK84, Maz81, McL81, Oka86, Pet87, Rav88, RV85, Rou87, RB88, SS80, SB88, ST87, Wei86a, Wei87b, Wes84b, WT89b, vK86]. **motions** [BG86b, DFGW89]. **MSA** [HHO86]. **multichannel** [TW85]. **multicomponent** [GP85a, Sim80]. **multiconnected** [ZP89]. **Multicritical** [Opp86a, Sen86]. **multidimensional** [CCRG80, WJS84]. **Multifluxon** [LKMJ85]. **multifractal** [GV89a]. **Multifractality** [HR88]. **multifractals** [Blu89]. **Multiparticle** [Vos84]. **multiphase** [FM87]. **Multiple** [EE88, Gro81b, Gro81a, Gro81c, CF88c, DD88, Joh89, KHNA83, MGP$^+$83, Nak86, Wer86a]. **multiple-trapping** [MGP$^+$83]. **multiplicative** [KFB89, RL86, bARC89]. **multiprocessor** [Che86]. **multisite** [BS89d]. **multispecies** [CWD82, CWD83]. **multispin** [PGS87, WZK84, WK84, Zha89a]. **multistage** [LBF83]. **multistate** [RS85a, RS85b]. **multivariate** [NMM80]. **Must** [Rue81].

N [HW86]. **Narrow** [De 85b, Alb89b, Lor84]. **narrow-band** [Alb89b]. **nascent** [LTL87]. **National** [Ano87o]. **natural** [Chu85a, RFH88, Wei87a, Wei84a, Wei86c]. **nature** [Coo83, Rap85, VTB86]. **Navier** [Ala88, Ala89, BF81a, Che82, Cor89b, FT81, FTZ84, FGN88, TL82, Vis85]. **near** [AMC89, AG85, BG86b, DT89a, GKN84, GS84a, Igl89, Jan82a, Jan82b, KC83, LW85, NL87, SMYO83, SYOM84, Tit84, vBC88]. **nearest** [BD82, Coo83, Mür87, Per82, Pol89a, Ros87]. **nearest-neighbor** [Per82, Pol89a]. **Néel** [KLS88a]. **Negative** [Rot89, For86b]. **Negative-viscosity** [Rot89]. **Negentropy** [Nak81]. **neighbor** [BD82, Huc83, Mür87, Per82, Pol89a, Ros87]. **neighborhood** [Coo83]. **nematic** [KFB89]. **nervous** [Kür88]. **NESS** [Key82]. **Network** [BvH89, BSZ89, KP89b, LBF83, Rei88a, ZP89, dAC87]. **networks** [BMV85, Blu89, DZVS84, DN87, Dom88, Dup89, KM88, MHV89, NG87, PGDT86, Sta87b, dH84b, vHGHK88a, vHGHK88b]. **Neural** [Dom88, DN87, KP89b, Mas89, MHV89, vHGHK88a, vHGHK88b]. **neurons** [PGDT86]. **neutral** [LW85, PFvdMZ89]. **neutrality** [GLM80]. **neutralizing** [GP89a]. **neutron** [Sen88]. **Newton** [Shl85]. **Newtonian** [HEH89]. **next** [BD82, Ros87]. **next-nearest-neighbor** [BD82, Ros87]. **nitric** [MV86]. **Noise** [Dei85, EH89, Fed88a, HS89, MT83a, MT83b, Mat84, MV88c, Ryt87, Wes85a, AN87, BMV82, BSTK87, BDE89, CL89, DMM$^+$89, Dei89, DM87, Doi89, FFGM88, FFG$^+$88, FCK83, Fri86, GT84a, GT84b, Gra89, Gro83b, HDL89, HJM89, HL89, HS88b, HGPRS89, Jau85, Jau86, KFB89, KDMS89, Lan89, LTL87, LMN84, LV88, Luc86a, Luc86b, Luc87, MW88, MKH81, MKK89, MS83b, NE85, RL86, RPSS85, SS80, SS84a, Sch89a, SH89a, SH89b, Tou89, Val85, Van83b, VMB82, ZL81, vBC88, vK89]. **Noise-induced** [EH89, MT83a, MT83b, Mat84, Ryt87, Doi89, FCK83]. **Noise-sustained** [Dei85]. **noises** [CS89]. **Noisy** [Wie85, Kai82, Lan88, NZ86]. **Non** [CH88b, DvE89, GK84, Spo85a, Zwa82, CS89, CH88a, HEH89, KP85,

KLS88b, Opp88b, Str88, Zeg86]. **Non-equilibrium** [Spo85a, Opp88b]. **non-FKG** [Zeg86]. **Non-Gaussian** [GK84, CS89]. **Non-Markoffian** [Zwa82]. **non-Markov** [Str88]. **Non-Markovian** [CH88b]. **non-Newtonian** [HEH89]. **non-self-adjoint** [KP85]. **non-Wiener** [KLS88b]. **nonadditive** [Gri82]. **Noncommutative** [HS88a, HR83b]. **Nonconcavity** [Mon80]. **nonconstant** [Fra86, SSD82]. **nonconvex** [Cho88a, SG88]. **noncorrelated** [Sta89]. **nondegenerate** [BBF86]. **nondiagonal** [Con88]. **nondifferentiable** [Jau86, Okn88]. **Nonequilibrium**
[Bal87, BSTK87, DT89a, DBW81, Dic89, EC81, HNMK80, HL82, KLS84, KSB85, Leb86a, MLSK85, MV88b, Opp82, VM86, VM87, VM88, Bon87, CT80, CWD82, CWD83, Der87a, Der87b, Eva89, FLM88, Fri84, GLM87, GP81, Gra81a, HMH84, HK86, KH87, LH85, MTG87, MK87, Nak81, Oji89, Opp88a, Sch89b, VtLZ89, Var81, WL88, Wes88, ZWLV88, Col86a, Wes84a]. **Nonequilibriurn** [MV87]. **Nonergodicity** [MS87, DD81]. **nonexpanding** [GBP88a]. **Nonexponential** [RNRT83]. **nonextensivity** [DDL87]. **nongradient** [Wic89]. **nonhomogeneous** [AV81]. **nonhyperbolic** [GBP88b]. **noninteger** [BB82, GG83, WHM89]. **nonintegrable** [Hel88]. **noninteracting** [Bau83, DV87b]. **Nonintersecting** [PW86]. **Nonisotropic** [BG86a, HN82]. **Nonlinear**
[AC84, AM83, Cor85, Hoo86, Lin89b, Meu85, Spi85, SW88, Suz87, Wes83a, deV85, vHGHK88a, vHGHK88b, AN87, BMV82, Bar88b, BTZ85, BGWY85, Blu89, BCM87, BCM88, BDE89, BLS82, BT89b, CP87, CIPS88, Chu85b, CD89c, DS86b, DR83, ER81, EW88, Ern84, FFG$^+$88, FSW86, GH82, Git89, GM88b, GM96, GHT80, GP89b, HP81, HN82, HD87, Ito84b, Iye86, LRS88, LRS89, LPRV87a, MCDK85, MT82, NZ86, NC85, OHI88, PC86, Pol88a, Pol89b, Ram85, RL86, Ram86, Saw84, Sch89a, Str88, TC84, TM89, VMA83, VMB82, WRL83, Wie85, YKS81, ZR87, vK81c, KY85]. **nonlocal** [FFC83, Fer81]. **Nonperturbative** [LSM89]. **nonphase** [Pol84]. **nonphysical** [RHM86]. **nonpolar** [CF88b]. **nonpotential** [CCR82, Gar83]. **nonrecurrence** [KB86]. **Nonstationary** [Gid85, Gri88b]. **nonuniform** [Per86, Per88, RV81, Wat80]. **Nonunique** [EHH82]. **nonzero** [Wu85]. **normal** [DH86b, Maj87, vBD80a]. **normality** [KS81, Sta88a]. **norms** [vEF89]. **Note** [EC86, SF88, Wid88a, An88, DG83, Gee82, Leb88a, Leb88b, Lév86, Pom85, PS85, Wag83]. **nuclear** [Neg86]. **Nucleation** [BM88, HCKS84, HW82, Hee82, NC85, PB83, SKO87, SMK88]. **nucleotide** [Kre80]. **number** [BS89c, Cia85, DF87, DH86a, DH86b, For89b, Gee82, Kai82, LG87, LD87, Lan84c, MO83, Nis81, PGS87, Sar84, WS82, dH84a]. **numbers** [AA88, CF80, FHT88, LH88b]. **Numerical** [BL85, Fox89, GMLC87, GP86b, GSH88, Lin85, ORD86, vVE87, De 85b, FRY87, Haa89, ST81b, ST84a, Sen88, ZBKS89, WC81].

O [BWdF88]. **objections** [Van88]. **objects** [Hol88, WBKS83]. **observable** [Hio83]. **Observables** [Nak86]. **obstacles** [FOT85]. **obtained** [Lav82b]. **occupancy** [BDKW88, MV82]. **occupation** [LH88b]. **occurrence**

[LS87, vDE86]. **occurring** [Cha86]. **October** [Ano88o]. **odd** [CF80]. **off** [Bov89]. **off-diagonal** [Bov89]. **Oguchi** [Siu85]. **One** [BZ87, BDS83, Bur87, DPST86, DPST88, ERH85, kM83, Per82, Red81, SS86, Tej87, Zol87, Agm86, AF81, ACCN88, Ala87b, ADM83, ADG88, AV81, ABG+89, Ban87, BG82, BS83, BDL81, Bis82, BW88a, BPK82, BOP87, BK88b, Bov89, Boy88, Bra88, CLWH82, Cal83a, CCO83, CkM82, CFG80, CFS83, Cho88a, Cia85, CJB88, DF85, DL82, DLS85, DL89, Der83, DFP86, DB80, Dic85, Dom89, EP88, EF87, FF86, Fel86, FH87, FJS83, Fri85, Fri87, GMO89, Gar87, GD85, GP86a, GM88b, GM96, GS84b, HW85, HMV84, Hög88, IKY88, Jan84, Jan85, JLM85, JMM87, JLM95, Jen86b, Jon86, KC85, KD84b, KLPS83a, KLPS83b, Kle86, KY88a, Kur83b, KvB85, LPT87, LW83, LMR88, LP86, Mac83a, MP82, Mar81, MM83, MO82, MSW82, Mür87, Nau85, OP89]. **one** [PMBB+84, PPK84, PL87, PTB+89, Pol89a, PS85, PW88a, PW88b, Rad84, RR82, Rez81, RW84, RT81, Ros84, Ros87, Rub84, RG86b, Sch88a, SKA86, SS88b, SKO87, SL80, Sha88, Sim81a, Sin82, Sin87, Sin83, ST84b, SWYM87, TG88, TCB89, VB86, VD89b, Vie85, VB89, Wei81, Zwa82, vBS83, vEvH85, vE87b]. **one-** [BPK82, DLS85]. **one-component** [ADM83, CLWH82, CFG80, CFS83, CJB88, FJS83, HW85, HMV84, Jan84, Jan85, JLM85, JMM87, JLM95, LW83, Mac83a, PL87, Ros84, SKA86, SS88b, Sin83, Vie85, VB89]. **One-dimensional** [BZ87, BDS83, Bur87, DPST86, DPST88, ERH85, kM83, Per82, Red81, SS86, Tej87, Zol87, Agm86, AF81, ACCN88, ADG88, AV81, ABG+89, Ban87, BG82, BS83, BDL81, Bis82, BW88a, BOP87, BK88b, Bov89, Boy88, Bra88, Cal83a, CCO83, CkM82, Cho88a, Cia85, DF85, DL82, DL89, Der83, DFP86, DB80, Dic85, Dom89, EP88, EF87, Fel86, FH87, Fri85, Fri87, GMO89, Gar87, GD85, GP86a, GS84b, Hög88, IKY88, Jen86b, Jon86, KC85, KD84b, Kle86, KY88a, Kur83b, KvB85, LPT87, LMR88, LP86, MP82, Mar81, MM83, MO82, MSW82, Mür87, OP89, PMBB+84, PTB+89, Pol89a, PS85, PW88a, PW88b, RR82, Rez81, RT81, Rub84, Sch88a, SKO87, Sha88, Sim81a, Sin82, Sin87, ST84b, SWYM87, TG88, TCB89, VB86, VD89b, Wei81, Zwa82, vBS83]. **one-dimensional** [vEvH85, vE87b]. **one-site** [GM88b, GM96]. **one-state** [RG86b]. **Onsager** [CF80, GVV89, HT87b, HT88, Shl85, Tit88]. **onset** [AMC89, Lib84, SYOM84]. **onto** [Sch86a]. **Open** [AAF89, FGP80, AM83, GG82, Len88, Nak81, Pol88b]. **operator** [AV81, Dör85a, FFG+88, FOT85, FHT88, Gol85, MR88a, McL82b, Rez81, Sin87]. **operators** [CP82, CD89b, CdS87a, CdS87b, CFS84, Del85, DE89b, KP85, Mai87, Mez87, SH82, Sza89, Zag82]. **Optical** [Kod85, HNMK80, LTL87, Sch89a]. **optics** [Gri88a, Wes87]. **Optimal** [BSZ89, FM87, Ito84b, ER81]. **Optimization** [Kir84a, RG86a, Ebe86, LG87, Mas89, SW88, dO89]. **optimum** [KR85]. **Orbach** [PSZ87]. **orbits** [DST83, De 85a, GN83, GW87a, GS84a, Rie85, SV80]. **Order** [Git88, MK87, Ruj82a, Ruj84, WSL83, AJ81, Bau80, Bre87, DP87, Doi89, FJ86, GKK87, Gro81d, KT85, KLS88a, LSSW80b, MT83a, MT83b, Mat84,

MBG82, MH81, NR82, NKO+89, Par80, PLM+81, PLM+84, PS82c, PF83, RT81, RS87b, RHG89, Ruj82b, Tar87, VM87, VM88]. **order-by-order** [Tar87]. **ordered** [Kad83, SB84, Sar84]. **ordering** [BWdF88, KS85]. **organization** [HD83, dH84b]. **organized** [TB88]. **Orientational** [LW85, LPT87, LvB89b]. **oriented** [DST89, DT89b]. **origin** [CS83, Dei89]. **originating** [DGL83]. **Ornstein** [Blu80, CW81, WC81]. **Orsay** [JKHV85]. **oscillate** [Kir89]. **oscillating** [POD87, ZR87]. **oscillations** [GW87a, GR89, KY85, SH89b, Spi85, Wes86b, YKS81]. **oscillator** [BLS82, FLO88, FRY87, FGMZ85, KWL87a, KN87, LSSW80b, Maz81, Spi85]. **Oscillators** [ACT82, BCM87, BCM88, EW88, GRS80, SHKM86, Str87, Tél88]. **Oscillatory** [Ste89, PL87, Vid87]. **Ostwald** [Voo85]. **other** [Dav87, LW86, Man84c, Red81]. **Outlines** [HL82]. **overdamped** [BBLT81]. **Overhauser** [DP89]. **Overlap** [Kra82b]. **overlapping** [Fal87]. **Overview** [Wei86e, Bau87, Dom88, Lom85]. **oxidation** [MV86]. **Oxygen** [BWdF88]. **Oxygen-vacancy** [BWdF88].

packed [Kho87]. **Padé** [DLT88, Gib81]. **Pair** [Zha88, Cia85, GP83, HV85, LvB89b, LPdS84, YNS86]. **pair-composite** [GP83]. **pair-potentials** [LPdS84]. **pairing** [KP86]. **paper** [PS85, Wag83, dH85a]. **parabola** [TG81]. **paradox** [BS81, Lan84a, WW82]. **Parallel** [Ano89o, HH85, Ano88o, Chr86, Stö88]. **parameter** [AO87, GKN84]. **parameters** [GP85a, GG83]. **parametric** [Spi85]. **parametrically** [McL81]. **parametrization** [RT86]. **parastatistics** [dSVT87]. **parking** [Hem89]. **part** [SC85b]. **Partial** [GMAK84, dCD87, Bro82, Ito84b, SLW84]. **Partial-dimensional** [GMAK84]. **partially** [Wei86d, WF88]. **participants** [Ano84p, Ano86p]. **Particle** [AV03, BW84, AV87, BG80a, BG80b, BS84, BH88b, CPPV89, CDPP89, DFL86, DFL87, DK86b, DV87b, FFC82b, Fri84, FvdM89, Gro83b, Hug85, Ker88b, KST89, ME82, Mag87, MD83, MK84, MK85b, MK83b, Neg86, NLSV89, NR88, Pia84, Pol84, Req83, Sch87c, SG87, Wag89, Wer88, Wic85, Wic89, vEF89, KST89, ORD86]. **Particles** [BCD89, Alb89b, AAF89, BK88a, CC82, Cia85, CR81, DPV86, EP88, Heu86, KD82a, KLPS83a, KLPS83b, MS82a, NOR89, Nos84, Pul82, SSD82, Skr84, SG81, Spo87, WMvBL88]. **particulates** [JMF88]. **Partition** [Gro83b, DD88, Ken82, Lév86, Mon83]. **partitioning** [LG87]. **partitions** [FZ85, NNN89]. **parts** [Gib81]. **passage** [BDKW88, CCD86, FHW88, KMST86b, LSSW80a, ME87, MW88, THFT87, Wei81, WSL83, Wei84b, WDG86, WHM89]. **Passive** [FKP88, KK88]. **past** [Rub86]. **Path** [Ber86, TWB86, FCD86, Gre82a, Gro83c, Gro84, SIK86, WKUK88, bA88a]. **Path-integral** [TWB86, bA88a]. **pathways** [MJ83]. **pathwise** [CGOV84]. **Pattern** [Ebe86, WKL89, Jen86b, KMD89, WC89, YAR89]. **pattern-recognizing** [Jen86b]. **Patterns** [Har84, Cho88b, Fif85, LHFW88, Mad88, VV89, Vid87]. **Pearson** [Hio83].

pedestrian [Kad85]. **Peierls** [BD85]. **pendulum** [McL81]. **Penrose** [AO87, GLO86, Kat85]. **Penrose-type** [Kat85]. **percolating** [Heu86, LMJ87]. **Percolation** [AA88, Aha84, ABL87, BLM87, FH85, HBAM84, KD84a, LB87, SS82a, AN84, BCSY84, BFL82, CO84, CG81b, Dom89, DST89, DT89b, GMAK84, GM84, HR88, HKLW87, HHB87, KGA84, Kes81, KZ87, KL82, Kra88b, Lam88, Lam89, NH88, NS81, New86, New87, Ngu87a, Ngu87b, Ngu88, NM84, NHH88, PSMZ84, PSZ87, RK88a, RG86b, Sha82a, WB87, Web84, ZBS86, vE87a, vVE87]. **Percus** [Var81]. **perfect** [DMMSR88, PPK84, Vie85]. **performance** [BSZ89]. **Period** [CEK81, McL81, GM88b, GM96, mMH87]. **Period-doubling** [McL81]. **Periodic** [BLP81b, NL87, SHKM86, Ala87a, Ala87b, ACH88, Alb89b, BL85, BLS82, CJB88, Cos80, DST83, De 85a, Der83, DH85b, For86a, FGN88, GGL88, HMH84, HK86, Iye86, KS86, Mez87, MHB87, RS85b, SS84b, TG81, TG87, VtLZ89, GM85]. **periodically** [DGP84]. **perpendicular** [FE87]. **Perron** [Dör85a]. **persistence** [CV87]. **Persistent** [ST84b]. **perspectives** [Dre87]. **Perturbation** [Bov89, Bre87, Chu85b, GKT84, GGL88, KMST86b, MPPT78, MPPT80, Wer84b]. **perturbations** [BT89a, Boy87, LFtH88, LOS88, MOS89]. **Perturbative** [Enz81]. **perturbed** [BJLS89, Ito84a, MNT85]. **perturber** [HR83a]. **Petersburg** [PMBB$^+$84]. **Phase** [Bar89, BCSY84, BS89c, Cho88a, FILS80, GS88, Huc83, Kir84b, KY88a, KP86, KU86, Kor86, Kur83a, LPS85, Mag87, MTA85, Pen86, PP83, PW81, Pfi82, Pfi87, Ram89, Süt80, SGL89, WL88, Ade86, ABF87, AG85, BD88, BT85, Bon87, BN87, BF86, BLP81a, BKL83, Cal83b, DP87, DPT80, DBW81, DP89, EE88, GN85, GG82, GKK87, GLO86, GKT$^+$86, Gro81d, Gun84, Haa89, HHB87, Hög88, Kam86, Kat85, KT85, Kra88b, KN87, MP89, MLSK85, MV87, MV88b, NR82, PF85, Par80, PLM$^+$81, PLM$^+$84, PS82c, RS87a, Req82, Req83, RW86, Req88, RW84, SKA86, Sch85d, Sin82, SWYM87, Tar87, Tél83, Tor86b, Uim84, VM86, VM87, VM88, VA81, Wei87a, Wic85, Wid88a, Wid88b, Zah87, dS88a, vEvH85, vHZ88, BC89b, Pen87]. **phase-separated** [Wid88a, Wid88b]. **phase-separating** [Req83]. **phases** [DdGM89, FT88, Nar82, NR82]. **Phenomena** [HL82, bA88b, Bal87, Bar89, Bin81, DZ87, Fam84, FCK83, GKN84, Kes88, MS83b, Opp86a, Par87b, RNRT83, RFH88, Sen86, Suz88, TB88, Wei87b, Wes83a, Opp88a]. **Phenomenological** [BW89, VA81]. **phenomenon** [BPK82]. **philosopher** [Fis88]. **Phonon** [LP86, Gro89a, Gro89b, Gro89c, JW89]. **phonon-modulated** [JW89]. **photocounts** [CLRT83]. **Photon** [Nie88, Nos86b]. **Phys** [AV03]. **Physical** [Dor83, Bar85, Ben80, BGM84, Wes84a, Oji89]. **physicist** [Fis88, WTB89]. **Physics** [Ano81o, Han83a, Fis88, FOU86, Fox87, GBD$^+$86, HBB$^+$84, Leb86a, Lin89b, Man84b, Omn89, Rap89, RW86, RBHL86, Shl85, Wei83, Wei84a, Wei86c, Wes83a, Wes85a, Wes85b, Wes88, bA88a, dST86, Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano81b, Ano81c, Ano81d, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano82l, Ano82a, Ano82b, Ano82c, Ano82d,

Ano82e, Ano82f, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano84e, Ano84f, Ano84g, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano85b, Ano85c, Ano85d, Ano85e]. **Physics** [Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano86c, Ano86d, Ano86e, Ano86f, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86b, Ano87h, Ano87c, Ano87d, Ano87i, Ano87e, Ano87f, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87g, Ano88e, Ano88c, Ano88d, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Ano89l, Ano89m, Ano89n, Ket84]. **picture** [dFSZ87]. **Piecewise** [ER81, Boy87, DH87, Rue81, Tél83]. **Pierre** [Leb81, PD81]. **piston** [Dri81, Dri82, MS81a]. **pitchfork** [SH89a]. **pivot** [MS88a]. **planar** [Cor87, HC88, KIM86]. **Planck** [BP83, BT81b, BT81a, Eng88, FFGM88, FFG$^+$88, Fed88b, FFdlM87, Gra81a, GT84a, GT84b, HR85, Jau85, MGL87, MK83b, MS83a, RV85, RSRD83, TC84, Val83, VR85]. **plane** [BWdF88, FT81, GPS86, GL89b, Jan82a, Jan82b, KIM86, Pic83, Pic84, WBKS83, ZT85]. **plasma** [ADM83, BS86, CLWH82, CFS83, CJB88, FJS83, For84, HW85, HMV84, Jan84, Jan85, JLM85, JMM87, LW83, LM86, Mac83a, Meu85, PL87, Ros84, SS88b, Sin83, SSM85, Vie85, VB89, Wat80, Wes85b, JLM95]. **plasmas** [Bal87, GDx82]. **plus** [KS86, Mez87]. **PMC** [Mar87]. **Podolsky** [Omn88b]. **Point** [FF87, Abr85, AG85, Coo83, DDdG83, FTZ84, Fri85, Gib81, GDx82, Gra82a, Mar81, Meu84, PS85, SYOM84]. **points** [BW89, Fei88, GS86, Han83b, Tél88, Vis81, WS82, dHK85]. **poisons** [Pan84]. **Poisson** [HGPRS89, Pel88, Pel89, Pom81, RPSS85, ZS80]. **Pol** [Spi85]. **polar** [SIK86, YS85]. **polarizable** [CF88b, FFC82a, HHO86]. **polarization** [Ram84b, YS85]. **Pólya** [WZ89]. **polyacetylene** [Par87a]. **polyatomic** [CL81, Har84]. **polycrystalline** [FM87]. **polydisperse** [XS89]. **polymer** [Dup89, FK83, Guj82, Gut84, HR82, KW88, KS85, Nag85, Pri86, Spo86b, Sta84, Wid88a, Wid88b, bA88a]. **polymerization** [Spo83, SW87, Wer86b, Zif80, vDE84]. **Polymers** [CD89c, DS88b, Spo85b, Ben84, CDM86, DC89, IS88, Mut83, Sal86, Zha89b]. **Polynomially** [DS86b]. **pools** [Kre80]. **Poor** [RW86, Req82]. **population** [Dem83, Wei82]. **populations** [BCM87, BCM88]. **porous** [LHFW88, Sta84]. **position** [FF87, SS80]. **Positive** [For86b, BN88, Cor88, LPdS84, SSM85]. **positivity** [FLM88, FILS80, OHI88, PW81]. **possibility** [Req83]. **Possible** [Tsa88]. **Posters** [Ano84r]. **potential** [Agm86, AJ84, Ala87a, Ala87b, ACH88, Alb89b, CCRG80, CCR81, FH87, GGL88, GB84, Gou86, Gro81c, IVMA83, LM84, LLS88, Lop88, PC87, PA88, RR82, RV85, RV81, Ryt87, Sin87, VR85, WJS84, WMvBL88]. **potentials** [Bar88a, Bau80, Cho88a, DT89a, FHT88, HZ82, Jau86, KS86, KLS89, LPdS84, Mez87, Ros84, SS84b, Spe88, Süt80]. **Potsdam** [Ano88o]. **Potts** [ACCN88, Bax88, Bax89, Bin81, BL87, DP87, DMMSR88, Dot84, Dup87,

EW82, HBB88, HC88, MS84, PW86, PT86, RHG89, RG86b, Rui89, Sch88c, Sel89, TCB89, Wu80, Wu88]. **Power**
[Mac83b, MR88b, Rav89, YAR89, ZWLV88, Bra89, Kes81, SMYO83, YMS83]. **Powerlike** [CG81a]. **powers** [HS88b]. **Precise** [NHH88]. **Precision** [ZBS86]. **precursors** [Wie85]. **prediction** [Wes84a]. **Preface**
[Ano84s, DKS89, GL88, Gub86, Leb87, LN87, Leb88c, Mei88b, Wal84, Leb85a, Leb85b, LP89, vBEL88]. **preferred** [Pan84]. **Preliminaries**
[CGVG83]. **prescribed** [Ala89, CS83]. **presence**
[BHR+88, DF85, Fri86, MTA85, PPK84, SS84a, Str82, YKS81]. **Presentation** [Fei88]. **preserving** [FKP88]. **pressure**
[Bar88a, BGN89, BPTV88, Mei83, MF83, Vai89, WW86b]. **Prigogine**
[MT87, Pet87, dlL82]. **principle**
[BCD+86, DFGW89, Fer88, Had81, ST81a, Saw84]. **Principles**
[Wei89, KB85]. **priori** [Fri87]. **probabilistic** [GL89a, SYG83]. **probabilities**
[KY88b, Par89, ZS82]. **Probability**
[CLRT83, HKLW87, Ala88, Ben84, Bon87, DMM+89, GM88b, GM96, Luc86a, LBF83, Sta87a, Sta89, Ull81, WKUK88, WHB85]. **Probes** [TM89]. **problem**
[AKvL88, ABKS89, ADG88, BM89, BFA86, BDKW88, CF89, FFdlM87, Hem89, Hug85, IT88, LG87, LO85, Luc86b, Luc87, Mac83b, MST84, MSW82, PMBB+84, Pol88b, Pom81, RG86a, ST89a, TW85, VA81, WHM89, ZL81]. **Problems**
[DDL87, HS82a, CP87, CIPS88, CO84, FHW88, FLNO88, GBD+86, LG87, MW88, PC86, Sch88b, Spo86a, Wei81, Wes84a, WT89b, dO89]. **procedure**
[MS83a]. **procedures** [DK86a, Suz87]. **process**
[BCFN89, CH88a, Cha82, DM81, DIP82, DFIP82, DPV86, GMO89, Gat88, Go83, MM86, MM88, Sch85b, Sch86b, Shl84, Van83b, Wic89, WE82]. **processes**
[BH88a, BGWY85, BGM86, CS89, Cha86, Che87, DF84, DFGW89, DL89, DGL83, EEEF84, FF87, GHT80, HMS83, KK84, KDMS89, KMST86a, KMST86b, Kop86, KHM+83, KEKS83, LHFW88, LS82a, Le 84, MT84, Mar87, MW88, MK89, MC81, Ngu87a, Ngu87b, Ngu88, NG87, Ram85, SKO87, SL80, Spo85b, Suz87, SLW84, VKK85, Wei82, Wei83, WSL83, Opp88b]. **processing** [MHV89, vHGHK88b]. **processor** [FOU86, Sug86, SIvL+88]. **produce** [Doi89]. **Product** [Rav89]. **production**
[KMD89, Len88, OHI88, Oji89]. **products** [CPV88]. **profile**
[BP85a, Cia85, Tit84]. **Program**
[Ano80o, Ano80n, Ano81o, Ano81p, Ano82q, Ano82n, Ano82o, Ano82p, Ano83r, Ano83s, Ano83t, Ano84u, Ano84v, Ano84t, Ano85q, Ano85r, Ano87o, Ano88o, Leb86b, Leb86c, Leb88d, Leb89b, Leb89c, Leb89d, Ano84w, DZVS84, Red82]. **Programs** [Ano87p]. **Progress** [Kog86]. **projection** [FFGM88, FFG+88]. **Projectors** [Omn89]. **Proof** [DS84, Nag85, vE87a, EW87, MG83, Sok81b]. **propagating** [FC89, Ker86, LCG85, LCG86]. **Propagation**
[BT89b, Dee85, KN85, RHG89, Sch85d, Web84, Bra88, DCW85, FF86, Fre87, Gla85, Ker88b, Kos86, deV85]. **propagators** [Gro81c]. **Properties**

[GS84b, HKW+85, HEH89, Lee83, WHM89, AB83, ABG+89, AGL88, Aur87a, Aur87b, BMV82, BCT86, Bax89, BG84, Ber85, Blo81, BPK82, Bor87, BL85, CPRV89, DL82, FH87, GH82, GLM80, HMOV87, Han83b, HW85, Hio83, HT88, Jan84, Jen86a, Jen86b, JJ86, Jon86, JE89, Kad86, KCH88, Kes81, KW88, KI83, LMJ87, LPT87, tL88, LW83, May85, MT82, NT89, NH88, O'C84a, OB84, OMS86, PG83, Rav88, RS85a, RS85b, RRO88, Row86, SS86, Sto86, Sza89, Tak89, Tho82a, Tor86b, TGN87, Tru86, VMB82, dSVT87, WWH89, YHOF85, Zab88, Zag82, vBS83, vVE87]. **property** [Zeg86]. **Protein** [Go83]. **proteins** [MJ83]. **proton** [STA88b]. **Pseudo** [SH89b]. **Pseudo-regular** [SH89b]. **pseudobimolecular** [GG82]. **pulse** [HS88b, HJ87]. **pure** [BF88]. **Purely** [CD89b, Del85, vB84, vB85]. **purpose** [HBB+84].

QCD [Sha86, dF86a]. **quadratic** [BGH84, DF87, GDx82, Luc86a, Luc86b, Luc87, Tou89]. **quadratically** [Sar84]. **Qualitative** [Ala87b]. **quantal** [CH88b]. **Quantitative** [Kir84a, AKvL88]. **quantity** [Sch87a, Sch87b]. **Quantization** [Hel88]. **quantized** [HHO86]. **Quantum** [Ano80o, Ben82, CDM86, DZ87, HS88b, Igl89, Kun86, LS89c, MY85, Par85, RSK86, Row85, SD85, STA88b, Suz86a, AM83, APSJ85, BR80, Ben80, BCD89, Cha86, CCR85, Che87, cC87, DB89, FK87, FP80, GM87, Gib81, GVV89, Gol87, GKT+86, Gri84, Gri88a, GOSS86, HW86, Hio83, Ima86, Jan85, KF85, KLT88, KD83, Kna88, Kog84, Kos86, LO85, Len88, LN85, Loh86, LS89b, LOS88, Maa84, McL82a, McL82b, MPK88, Nak86, NTW88, NT89, NLSV89, Nis81, OHI88, Oji89, Omn88a, Omn88b, Omn88c, Omn89, OMS86, Par82, Pel88, Pel89, PW81, PS82b, RBHL86, Rub82, Rue86b, Sca86, Sch89a, Sch86a, ST81b, SG87, Sch86c, SLM89, Sto86, Str87, SS83, Suz86b, WO86, Wre83, ZT85, 't 88, vHBW84, Ruj82a]. **Quantum-statistical** [LS89c]. **quasi** [BG86b, DLS85, FGP80, Nos84, Pel88, Pel89]. **quasi-elastic** [Nos84]. **quasi-energies** [Pel88, Pel89]. **quasi-free** [FGP80]. **quasi-integrable** [BG86b]. **quasi-one-dimensional** [DLS85]. **quasiaverage** [AZ85]. **Quasicrystal** [AF86b]. **quasicrystalline** [Bur87]. **quasicrystals** [Bur88, LP86]. **quasilattice** [LB87]. **quasiperiodic** [AGL88, EH89, GG88, Hio83, LOS88, Ser86, Sin87, Spe88]. **Quasiperiodicity** [GL89b]. **Quasiprobabilities** [HW88]. **Quasistationary** [PP87, Pol88b]. **quenched** [FH87, FLNO88, NE85, VTH86]. **quenched-state** [FH87]. **quenches** [DV87a]. **quenching** [Sch88a].

radial [WW86a]. **radiant** [ACS89, BG82, CGVG83]. **radiation** [Ser86, VD89b]. **radical** [EN85, Pan84]. **Radin** [Wag83]. **radiophysics** [Wei89]. **radius** [LT86]. **Raman** [DCW85, WCD85]. **Ramanujan** [ABF84, Bax81, FB85b]. **Ramanujan-type** [ABF84]. **ramified** [HBAM84, VV89]. **Random** [AS89, Bar85, BEF86, CV87, CS83, EvV86, Ern88, EN85, Hal83, HGPRS89,

HS82b, Imr84, KdH83, KI83, Lec85, MS88b, Nau85, Pap83, Ram84a, Rav89, Ric83, SKW82, SN84, ST81c, WC89, WS83, Wes82, bARC89, dH84a, dHK85, dH89b, Agm86, Ala89, AKN84, AV81, AAK84, ABG+89, AGL88, BR86, BZ87, BDKW88, BS83, Ber85, BCSY84, BZ83, BC89a, BK88c, BLS82, BHR+88, BLP89, CCP87, CK87a, CkM82, CEGM84, CFS84, CD89c, CPV88, DPV86, DFGW89, Del85, DZVS84, DS86b, DH85b, Dom83, Dom89, EEEF84, EMDvB84, Ern87, EH84, Far87, FFS84, FH87, For89b, GMP89, GR87, GN87, Gro81b, Gro81a, Gro81c, Gun84, Han83b, HZ86, Hem89, Hey82, HWW82, HFJ86, Hio83, HMS82, IS88, Iye86, Jan87, JM86, KK84, Kes88, Key82, KB85]. **random** [KS86, KBZ84, KHNA83, KLS88b, Law88, LMN84, LSSW80a, LN88, Mac83c, MEvBD84, MG88, MV88a, Mai87, MOS89, MPK88, Mez87, MH81, MV82, Nea80, Nie88, NL85, NLC+86, NL87, NG87, PMBB+84, Pan84, PSMZ84, Par89, PP83, PWvH84, Pic83, Pic84, PGS87, Ram84b, Rav88, Rez81, RS85a, RS85b, Rub86, SW85, Sch85c, SVBO88, SS84b, ST89b, Spe88, Spi85, Spo85b, Sta87a, Sta88a, Sta89, Sta87b, SLW84, ST84b, Tas87, Tas89, TF86, Tor86a, VH89, WR80, Wei81, WS82, Wei84b, WH84, WHB85, WDG86, WW88a, WWH89, Whi89, Zol87, Zwa83, dAC87, dFKP86, dFKP87, dlSLW88, vEvH83, vEvH85]. **random-field** [Jan87]. **random-matrix** [MPK88]. **random-number** [PGS87]. **random-random** [ABG+89]. **Random-walk** [SN84, ST89b]. **random-walking** [AS89]. **randomly** [Geo81, Ito84a, Sta84, VD89b, dH84a]. **randomness** [GL89b, GMC81, NB87]. **range** [AM85, Bau80, BP83, BZ83, CCO83, CFG80, DF84, FHT88, FILS80, Gra86, GLM80, HMV84, Ito82, Ker88a, KP86, MBG82, NKD84, NKO+89, Pen86, Pen87, Pia81b, Pic83, Pic84, RK88a, RT81, SS85, TCB89, Tor86a, VB89, Zeg87, vEvH83, vEvH85, vE85, vE87b]. **rare** [LS87]. **rarefied** [Ban87]. **Rate** [Kop86, ACS89, EK85, Fai81, Gat88, KDMS89, KLSZ86, MST84, Sim81b]. **Rates** [TG87, dlL82, GHKM89a, GHKM89b, Hyn86, Rei88b, THFT87, VM86, Wei86e, vBK87]. **ratio** [Lan84c]. **rational** [Lop88, MS88b]. **ratios** [CR86]. **Rayleigh** [Dri81, Dri82, EH89, MS81a, ST87, VA81, vBC88]. **Reacting** [AKN84, Uey80a, Vid87]. **Reaction** [DFL86, DFL87, BM84b, BM88, BCD+86, Bur86, EEEF84, Ebe86, Els84, EK85, GHKM89a, GHKM89b, Hyn86, Ker88b, KBZ84, KHM+83, NOR89, NMM80, Pol88b, RDRS87, SBS88, TG87, Wei86e, ZR87, vD88, vD89a]. **Reaction-diffusion** [DFL86, DFL87, NOR89, NMM80, vD88]. **reaction-limited** [vD89a]. **reactions** [BA87, Blo81, BGM86, Cuk83, Cuk86, Jan89a, Jan89b, Jan89c, MY85, POD87, Pan84, PP87, WKL89, vK87b]. **reactive** [MC81]. **reagent** [Fif85]. **real** [BGH84, Han83b, KSB85, MO82, YHM80, Ber83]. **real-space** [YHM80, Ber83]. **realistically** [d'E89a]. **rearrangement** [Bro81]. **reciprocity** [Tit88]. **recognition** [HH85]. **recognizing** [Jen86b]. **recombination** [EN85]. **reconsidered** [RG86b]. **Rectangular** [vBK87]. **Recurrence** [DGP84, Man84a]. **recursion** [SH82]. **red** [Row85, WP82]. **reduce** [Pea85]. **Reduced** [Kra88a]. **reducibility** [Mor84]. **reducible**

[Jan89b]. **Reduction** [WB99, BW88b, Mon88]. **refined** [MM84]. **Reflection** [KB85, Fel86, FILS80, PW81]. **Reformulation** [WKUK88, Omn88a, Omn88b, Omn88c, Omn89]. **regime** [EH89, LO85, Req82]. **regimes** [SHKM86]. **region** [Gro81d, Ima86, Wat80, WS88]. **regions** [FOT85]. **Regression** [Del84a]. **Regular** [Wes84b, HM84, MR86, MH81, SH89b]. **Regularity** [KLS89]. **related** [DFV89, PT86, dSEC81]. **Relation** [PS89, Bax82, BA86, HZ86, KF85, Nau87, Rod89, ST81b, Van83b, VKK85, dCD87]. **Relations** [Sha82a, dFSZ87, Dav87, DD85, DdGM89, GVV89, HT87b, Mor84, Rei80b, SH82, Sha88, Str88, Tit88, 't 88]. **relationship** [BS87b, Kei83, RV81]. **relative** [Don87]. **relativistic** [Dud89, KLK+85]. **Relaxation** [DM87, DC89, Luc86b, Luc87, RRO88, Ben84, BS87b, CS89, Der87a, DB80, GRS80, GR89, Gzy82a, Ken83, LAA87, Mac87, MR87, MR88a, MPK88, MB84, RNRT83, Shl84, Vig82, VKK85]. **relaxing** [Shi81]. **relevance** [RW86]. **relevant** [FvdM89]. **remark** [CF88a, DF84, HT80, PS82a, vEF89]. **Remarks** [ADM83, Fri84, PG83]. **renormalizable** [BMV85]. **Renormalization** [CL89, ED81, Fam88, FK83, Kad86, LS84, Mac83c, MGJ89, VT89, Vis85, dOB89, ADFJ89, AMV85, AO87, BK81, BB80, BS87a, DGK81, DS80, Del84a, FO89, GWU86, JMS83, Kle89, Lar86, LSM89, MO82, Mis85, MS86b, Mut83, RGJ85, SF88, SD81, Swe84, TS81, YHM80, Ber83]. **Renormalization-group** [Vis85, DGK81]. **Renormalized** [CF88c]. **Rényi** [Les82]. **repeated** [CK88a, MK83a, MK83b]. **repeated-ring** [MK83a]. **replacement** [KLW86, KWL87b]. **replica** [CFS84, PWvH84]. **Representation** [Gzy82b, Ala89, Ker88b, Kra82b, WRL83]. **representations** [Ram89]. **represented** [Ben80]. **repulsion** [LM87]. **repulsive** [dS86a]. **Résibois** [PD81, Leb81, Pet87]. **Residual** [Sch88a, GS88, Nak81, SGL89]. **resistance** [FF86, SN84]. **Resistivity** [LH88a, PMBB+84]. **resistor** [Blu89, DZVS84, NE85, dAC87]. **resolution** [BS81]. **resolvent** [PS82b]. **resonances** [BG86b, Rue86a]. **Response** [BL90, Kei84, LV80, GDx82, KC85, LOS88, Muk82, OHI88, Pan89, Van88]. **Restoration** [PS88d]. **restricted** [CW81, KY88b, PS82a, Gro81b]. **Results** [Mon88, ABCT86, ABG+89, BN87, CJB88, CS83, FdF86a, FP87, For86b, For89a, GR87, GP86b, hGH86, Jan84, KH82, KP89b, Leb89a, MV82, PS88d, Red81, Req88, Ruj84, SK82, SPA88, WC81, Wu80, ZS88]. **Resummation** [LM86]. **retrovirus** [Pan89]. **Return** [HR86, Maa84, Maj89, Fei87a]. **reunions** [FG88, FG89]. **reversals** [Ito88]. **Reversible** [EK85, DFGW89, Tak89, vDE84]. **review** [Agm88, Bak82, Bar85, Bar89, Ben85a, Ber83, BN87, Bru88, CS86a, Cha84, Col86a, Col86b, Cuk82, Dar82, Dom87, Dor83, Dor85b, DZ87, Fam88, Fis88, Fox83, Git88, Git89, Gli83, Gre82a, Gre82b, Gre85, Gre86, Gre89, Gri88a, Kes88, KY85, Leb86a, Leb89a, Lec85, Lee83, Lin84, LL86, Lin88, Lin89b, Mas89, Nos84, Nos86b, Nos86a, Opp80, OP81, OI82, Opp82, Opp86a, Opp86b, Opp88a, Opp88b, Opp89, Pap83, Par87b, Per84, Rap87, Rap88, Rap89, Red89, Rei82, Rei84, Rei88a, Sen82, Sen86, Shl85, Shl88, Sil81, Sil82, Spo85a, Spo86a,

Ste87, Wei82, Wei83, Wei84a, Wei85a, Wei86a, Wei86b, Wei86c, WW87, Wei87b, Wei89, WC89, Wes83a, Wes83b, Wes84a, Wes84b, Wes85a, Wes85b, Wes86a, Wes86b, WO86, Wes87, Wes88, Wes89, Wol82, Zwa81, bA88a, bA88b]. **review** [dST86, dH89b, vK81a]. **Reviews** [AM87a, MBAWP87, WP87, BL84, PM82]. **revised** [Pia87]. **revisited** [HT87b]. **Rigid** [HKZ88, CT84]. **Rigorous** [DK86a, Leb89a, SS81, SS82b, Sok81b, BN87, DST83, ERH85, Har87, HT87a, KK88, KP89b, Req88, dHK85]. **ring** [CK88a, Dre87, MK83a, MK83b, Spo86b, YAR89]. **ripening** [Voo85]. **RISM** [MS81b]. **rod** [BDS83, Pia84, PS88d]. **rod-to-coil** [PS88d]. **rods** [For86a, For86b, For88, MM83, Pia83]. **Rogers** [ABF84, Bax81, FB85b]. **role** [DV87a, MT87, VKK85]. **Roles** [Cha86]. **Rosen** [Omn88b]. **rotating** [Sek83, Ste89, vBD82]. **rotating-wave** [Sek83]. **rotation** [DF87, Lan84c]. **Rotational** [Cuk82, MK85b]. **Rotations** [Kiv88]. **rotator** [CT84, DGP84, Pel88, Pic83, Pic84, Pel89]. **rotators** [Dun85, FGS85]. **rotors** [BC89a]. **rough** [CL88]. **Roughening** [BEF86, KMS87, Abr84, BFL82, Gra84]. **rouleaux** [WP82]. **round** [OB87]. **rounding** [BEF86]. **row** [GS85]. **Ruelle** [Mon83, Zag82]. **Rule** [Zab88, GV89b, PSZ87]. **rules** [GLM80, hGH86, Vie85, VB89]. **runaway** [Pia81a]. **Rupture** [RHHG88]. **Rutgers** [Ano81o].

S [dH85a]. **salesman** [AKvL88, BM89, BFA86, RG86a]. **Salsburg** [Zag82]. **salts** [CW81]. **sandbox** [WTB89]. **sausage** [BMS89]. **Scalar** [Alb89b]. **scalars** [FKP88]. **scale** [Che86, ED81, KD84a, NT81, Reb86]. **scale-similar** [NT81]. **scaled** [BG80a]. **scaled-particle-like** [BG80a]. **Scaling** [AGL88, DT89b, Fei87a, GBP88b, LR88b, May85, NNK89, PAF84, PAF85, Wid88b, bA88b, de 88, vDE88, BW89, Bra89, DHB88, DS83a, DS86c, Fei88, GK84, GS81, GGP86, Ham87, HBB88, LB87, mMH87, MHB86, MS83b, PS88d, Rav89, RGJ85, TW85, VM87, VM88, WF88]. **scalling** [BT88]. **scan** [BK88a]. **scattered** [CLRT83]. **scatterers** [FF86, FC89]. **Scattering** [FvdM89, Ser86, BK88a, CF88c, DCW85, Gro81b, Gro81a, Gro81c, HM88, Kiv88, Koh88, MGTM88, MK89, Nos84, Nos86b, Okn88, SS85, SSM85, VD89b, WCD85, WS84, dSEC81]. **scheme** [Kor86]. **schemes** [HT80, Pol88b]. **Schlögl** [BM84b]. **schrödinger** [CFS84, Del85, CC86, Chu85b, DF86b, DS86b, FHT88, LRS88, LRS89, Mai87, Rez81, Sin87]. **Schwarzschild** [Ale85]. **Schwinger** [WKC83]. **science** [Shl88, bA88a]. **sciences** [Bar85, Wei84a, Wei86c, Wes84a]. **Scientific** [And86, Ano84w, Che86]. **screening** [BS86, GN85, GLM80, KMD89, Vie85, Yan87]. **search** [BDWK87, WS88]. **Second** [DPST88, Gro81d, Huc83, LSSW80b, Par80, VM87, VM88]. **second-neighbor** [Huc83]. **second-order** [Gro81d, LSSW80b, Par80, VM87, VM88]. **sections** [CG80]. **Sedimentation** [GM88a]. **segment** [Doi89]. **selected** [Ano85p]. **selection** [BCD$^+$86, Chu85a, DML82, Wei87a]. **Selectively** [BT81a]. **Self** [BCM87, DF85, HGR87, KLPS83a, KLPS83b, KK85, Pia81b, Whi83,

WMvBL88, YKS81, dFKP86, AH89, ABG+89, BS85, BBAH83, CG85, Dom83, FC89, Gla88, HCM85, HD83, Kie89, KP85, Kle80, Law88, LS82b, LS82c, LCY83, Mac83a, MS87, Mad88, MS88a, Nel89a, NCF88, NM84, SD86, TB88, Tél88, WE82, Yip89, Zol87, dH84b, dFKP87, BCM88]. **self-averaging** [ABG+89]. **Self-avoiding** [Whi83, dFKP86, AH89, BS85, BBAH83, CG85, Dom83, Gla88, Kle80, Law88, MS87, Mad88, MS88a, NCF88, SD86, dFKP87]. **Self-consistent** [HGR87, KK85, Mac83a, NM84, Yip89]. **self-correlation** [LCY83]. **Self-diffusion**
[DF85, KLPS83a, KLPS83b, Pia81b, WMvBL88, LS82b, LS82c, WE82]. **self-energy** [FC89]. **self-gravitating** [Kie89]. **self-interaction** [Zol87]. **self-organization** [HD83, dH84b]. **self-organized** [TB88]. **self-similar** [HCM85]. **self-similarity** [Nel89a]. **self-sustained** [Tél88]. **Self-synchronization** [BCM87, YKS81, BCM88]. **semi** [ABCN81]. **semi-infinite** [ABCN81]. **Semiannual** [Leb89d]. **Semiclassical** [Koh88, Omn89]. **semiconductors** [KR85]. **semigroup** [Maj89]. **semigroups** [AM83, HN80, Maj87]. **seminar** [Ano80o]. **semiperiodic** [CFS83]. **separated** [Wid88a, Wid88b]. **separating** [Req83]. **separation** [BLP81a, HHB87, PF85, RW84, SKA86, Suz87]. **separations** [CF80, Kur83a]. **September** [JKHV85]. **sequence** [Fra80]. **sequences** [GMAK84, MT82]. **sequential** [HFJ86, Stö88]. **Series**
[Dic89, Bre87, GKT84, HS88a, Pol89a, Vai89]. **session** [Kes88]. **set** [Nau87, Süt89, Wei86d]. **sets**
[BGH84, BGM84, BPTV88, Fei87b, GV89a, Lav82a, LSSW80a, VT89]. **seven** [FT81, TL82]. **seven-mode** [FT81, TL82]. **Seventh** [Ano81p]. **shape** [AG85, MM86, MM88]. **shapes** [ATZ83, Zia86]. **sharp** [ABF87]. **sharpness** [Ker88a, PIP89, Rui89]. **Shear**
[MIH86, EW81, LH85, MD83, RSRD83, Str82, SKS82, XS89, dSvLH89]. **shearing** [LCG85, LCG86]. **sheet** [KM87]. **sheets** [Man84c]. **shell** [SH82]. **Sherman** [Gra82b]. **shield** [WS88]. **Shielded** [Per80]. **shielding** [MG83]. **shift** [Mar87, NR82]. **shifted** [VtLZ89]. **shifts** [MT84]. **Shil'nikov** [ACT82]. **Shlosman** [RS87a]. **Shock** [Abd87, BCFN89, Cor88, FFdlM87]. **short** [Ern88, FILS80, KP86, LvB89a, VB89, dSEC81, dSC82]. **short-range** [FILS80, KP86, VB89]. **shortening** [KV82]. **shot** [HS88b, MW88, Van83b]. **shoulder** [WMvBL88]. **sided** [SS89]. **Siegel** [LT86]. **similar** [HCM85, NT81]. **similarity** [Cor86, Nel89a]. **Simple** [GT83, Sti80, Abd87, AF81, AM84, APSJ85, Bax89, BCFN89, BGM86, BSF89, CD89a, Fed88a, FCD86, Hio83, Huc83, KM88, KK88, KVGZ87, LH88b, MTG87, MGTM88, MKB86, NKD84, OS84, Rav88, Ros86, SM89, Vil87, Opp88a]. **simplified** [SW88]. **simulate** [BDS86]. **simulated**
[AKvL88, Han83b, Kir84a, RG86a, Mas89]. **Simulating** [Kad85, Kog86]. **Simulation**
[MLSK85, SIvL+88, BK80, BCFN89, Bon85, CG85, CS86b, FRY87, FGMZ85, GG87, Her86, JS86, JE89, LCY83, Lin85, NNK89, Pan84, Pan89, PB83, PS87, PA88, Rap88, Rap89, RDRS87, SM89, SLM89, TC84, WBL89, WZK84, WK84].

Simulations [Hir86, Sca86, BW89, BDL81, CPRV89, DBK+86, Fox89, FKRB88, FKRB89, GOSS86, HGR87, JS83, KTB86, KL83, KHNA83, Kop86, MK87, PLM+84, RSK86, SS89, SKA86, SF89, TWB86, Zha89a, dAHK+89]. **simulator** [SMM89]. **Sinai** [BL84, Lév86]. **sine** [BBLT81, LSM89]. **sine-Gordon** [BBLT81]. **Single** [AAK84, BH88b, KHNA83, RHM86, GOSS86, HJ87, Ull81, WHB85, WRL83]. **single-atom** [HJ87]. **Single-lane** [RHM86]. **Single-vacancy** [BH88b]. **Singular** [Boy87, NL85, Süt89, CG80, Del85, KLS89, KMST86b, Pet87, TM88]. **singularities** [Coo83, Mez87, Mou82, NLC+86, NL87, SS83]. **Singularity** [MS88b, Kur83b, Pol84]. **sinks** [Cuk83, MC81]. **Site** [CO84, BF88, BSF89, GM88b, GM96, Sha82a]. **Site-bond** [CO84]. **site-diluted** [BF88, BSF89]. **sites** [BMS87, Cor89a, MPH87, Wer86a]. **six** [Cla83, DdVG89]. **six-vertex** [Cla83, DdVG89]. **Size** [IKY88, ADS80, BW89, BT88, Bra89, DHB88, Fro89, Gut84, HW82, Ham87, HBB88, HW85, Lu87, MHB86, Ngu88, Oli88, Pes85, PF83, RGJ85, Spo83, SPA88, VM87, VM88]. **skeleton** [HKW+85]. **slab** [IT88]. **Slawny** [Mon88]. **Slip** [Cor89b]. **slit** [BK88a]. **slit-scan** [BK88a]. **Slow** [Sch88a, GG88, ME87, Rub86, SC85b]. **slowing** [AFV85]. **slowly** [Kle86]. **Small** [Cer88, DIP82, DFIP82, MOS89, BM84b, DH86a, DH86b, FOT85, Fri86, GP86b, GG87, Jau85, Lav87, LS82a, WT89a, Gro89c, MIH86]. **Small-B** [Gro89c]. **Smoluchowski** [CD89a, SS80, vDE86, vDE88]. **smooth** [SMK88]. **Sobolev** [HS87]. **soft** [BC89b, CW81, HEH89, Rad81, Ros84]. **soft-core** [CW81]. **soft-sphere** [HEH89]. **soft-spin** [BC89b]. **softcore** [WC81]. **solar** [Pet87, SC88]. **solid** [ANFdL+83, Bar88a, Ben84, Fer88, KY88b, PS88c, SIvL+88, SPA88, PS88c]. **solid-fluid** [SIvL+88]. **solid-on-solid** [Fer88, KY88b, SPA88, PS88c]. **solidification** [DML82]. **solids** [RW86]. **solitary** [KN85]. **Soliton** [WCD85, BBLT81, DCW85, UP84]. **Solitons** [Lom85, Kod85, LCG85, LCG86]. **soluble** [Luc86a, MPK88, OS84, SS88a, vD88]. **Solution** [Blu80, BS84, Cer86, CW81, DS83b, EP88, FFdlM87, HN82, SW87, Val83, WC81, AKS89, Ala87a, Ala87b, Bar88b, DGK81, DH86a, EFN83, FBG86, GvD89, GP89a, HZ82, HS86, IVMA83, Maa84, PHB81, Pol88a, Sch83, Sha82b, SS83, TC84, Tou83, TW85, Wu85, vBD80a, vDG89]. **Solutions** [CG80, VR85, BGBS88, BG86a, Bro82, BMS82, CH88a, Cer87, Che82, CK88a, CG81a, Cor85, Cor86, Cor87, Cor88, DH86b, Eng88, EHH82, Ern84, FB85b, Fre87, GM85, Gzy82b, HM88, Ito84b, KP85, KEKS83, Pol88a, SZ88, Spo86b, TM88, Vig82, Wid88a, Wid88b, vDE88]. **Solvable** [For88, HR85, Roe81, Bax88, BD85, Cla83, DFP86, EK85, For84, For86a, KT85, KMP82, KY88b, MB81, Per86, Pom81, Pri81a, RLB86]. **solvation** [SIK86]. **solved** [AS86, Bax82]. **solvent** [BGM86, Hyn86, SW87]. **solvents** [SIK86]. **Some** [Ade86, Ber85, Blo81, BR85, Cha84, Fei87b, Fri84, GS81, KY89, KP89b, LMJ87, MW88, New86, Per86, Per87, PG83, Req88, Bax82,

CLP87, CL89, Fal87, Gzy81, Hio83, JE89, KLS88a, KZ87, LPT87, Man84c, PS82a, Row86, Sch85a, SVBO88, Sha82b, Wei84b, Sen88, dHK85]. **SOS** [ABF84, FB85b]. **Sound** [Sch89b, Joh89, Sch85d]. **space** [Ala89, Ark83, CDK89, CIPS88, CS83, Eis87, EC81, Mag87, MR87, MR88a, MO82, Ram89, SS80, YHM80, Ber83]. **space-homogeneous** [Ark83]. **space-time** [Ala89, Eis87]. **span** [WR80]. **span-constrained** [WR80]. **spanning** [Lav82b]. **spans** [WDG86]. **Spatial** [vD89a, BB82, BDE89, LLS88, Req83, SKW82, YAR89]. **Spatially** [Cor85, SG88]. **Spatiotemporal** [MKK89]. **Special** [HBB+84, NLC+86, Sch83, NL87]. **Specific** [CT84, Fer81]. **spectoscopy** [Nos86b]. **spectra** [BMV85, Ben85a, EW88, Fei87a, Har84, LP86, SMYO83, SYOM84, TG81, YMS83, YAR89]. **Spectral** [BSV87, BLS82, LGP85, Zag82, CK87a, CP82, HR83a, HR83b, Lor84, Man84a, Sen88]. **spectral-line** [HR83a, HR83b]. **Spectroscopy** [Gee82, HJ87, Reb86]. **Spectrum** [AP89, Dör85a, KP85, AKS89, Alb89a, CD89b, CLP87, Del85, Dri81, Dri82, LMR88, PS89, Rez81, Sha86, Süt89, Zol86, vdB83]. **speed** [Che86]. **sphere** [ANFdL+83, DE89b, EW84, EW85, EC86, HEH89, Kir89, KH87, LAA87, LA89, LvB89a, LvB89b, PP82, WW86a, WW86b, WT89a, XS89, ZS88, dSEC81, dSCKP89, vBD80a, vBD80b, vBD82]. **spheres** [CL88, EW81, Gib81, Han83b, Huc83, Kra81, KD82b, Kra88b, LW85, Pom85, Rub86]. **Spherical** [Kat85, BT88, Bra89, FFC83, GP89a, Mac83a, Pas82, Pas83, PHB81, PWvH84, Phi82, Ros84, SR86, Smi88, Smi89, TF86, VB80]. **spherical-model** [TF86]. **spherically** [CWD82, CWD83]. **Spin** [AM87b, Ko88a, Ko88b, Nis81, You84, Zeg87, vHBW84, AB87a, ABCT86, ARS81, BM89, BK81, BM84a, BBF86, BC89b, BF86, BD85, BLP81b, CEGM84, DD85, DS80, DS88b, DvE89, FLM88, FE87, GD85, GL89a, Gro89a, Gro89b, Gro89c, Har87, HT87a, Kam86, KLS88a, LS87, LR88a, Lin89a, Mal82, MO82, Nie84, O'C84b, Oli88, PPKP89, Pea81, Rag88, RT81, SD81, Sto86, SYG83, Suz86a, Suz86b, TS81, Tas85, Tas89, TCB89, Tho82b, Tru86, Wat89, Wre83, Wu86, Zah87, Zha89a, vE85, vE87b]. **spin-** [KLS88a, TS81]. **spin-boson** [LR88a, Rag88]. **spin-exchange** [MO82, Zha89a]. **spin-glass** [vE87b]. **spin-isospin** [PPKP89]. **spin-phonon** [Gro89a, Gro89b, Gro89c]. **Spin-spin** [Ko88a, Ko88b]. **spin-systems** [Sto86]. **spinodal** [DV87a, EF87, KL83, MV87, MV88b, NC85, SS88a]. **spins** [ABL87, BG84, CF80, IP86, Loh86, Nea80, Ruj82a, Zha88]. **spiral** [MPH87]. **Spitzer** [Fri85]. **splitting** [AAF89, SMYO83]. **Spontaneous** [Geo81, KR85, LN85, Lin87, LM88, Sek83, KLS81, NB87, Wre83, YS85]. **spreading** [dSH88]. **square** [BET80, Guj82, Haa89, KTP88, LM88, Mei83, MHB86, Ros87, WMvBL88]. **square-lattice** [KTP88]. **square-shoulder** [WMvBL88]. **square-well** [WMvBL88]. **squares** [PS88a, RS87a]. **squeezed** [HW88]. **Squig** [Man84b, Man84c]. **ST** [Sug86]. **ST-100** [Sug86]. **Stability** [BG86b, DP85, Gri88b, KD82a, LFtH88, Wes83b, BT89b, Maj89]. **stabilize** [BvH89]. **Stable** [Bon87, FR81, Ben84, DGK81, FN83, MT87, MB84].

staircases [Uim84]. **Stan** [Fei85]. **Star** [HJ87, Lav82c, Sha88, BA86]. **star-mesh** [Lav82c]. **star-triangle** [Sha88]. **Star-unitary** [HJ87]. **Stat** [AV03]. **state** [AL81, ABF+85, ARS81, Bar88a, BBF86, Bin81, Bre87, Büt89, CFG80, Coh88, Dee85, EW84, EW85, FH87, FN83, Gro89a, Gro89b, Gro89c, Haa89, HBB88, Han86b, HN80, HR80, KLT88, KRS89, KP86, KY88b, LO85, LS82c, MCDK85, Mei88a, MHV89, Nis81, Pea85, Pia83, Rad81, RHG89, RG86b, SS84a, Sek83, SM89, SS83, Val85, Yeu89, ZT85]. **state-dependent** [Büt89, SM89]. **States** [AF81, ABvT87, Ala89, AZ85, AP89, BGBS88, BPT83, BLP81b, BS89c, Bru88, Bur88, CT80, CFS84, CFGK87, DGK81, DG83, Dic89, DP85, Eva89, FGS84, GLM87, GKI85, GM88b, GM96, Gra81a, Gri88b, Gro85, HW88, JK89, KIM86, KD84b, KLS84, Key82, KLS81, Kle86, KLS89, KMS87, Lan88, Mai87, MB81, McL82a, McL82b, MKB86, NL85, Par87a, Pra83, Pul82, Rad84, Rad86, SS89, WL88]. **Static** [Ber86, Bin81, FJ86, YHOF85, Req82, Sch86a]. **Static-** [Ber86]. **stationarity** [Oji89]. **Stationary** [GLM87, GP86a, GKI85, IT88, WJS84, ABF+85, BPT83, BC89b, CIPS88, Cuk83, DM81, EMDvB84, Fed88a, Fri86, HZ86, HN80, MEvBD84, MGL87, MB81, MC81, Pia83, SC85a, SC85b, SC87, Tél88, ZWLV88]. **Statistical** [Ale85, Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano80o, Ano80n, Ano81b, Ano81c, Ano81d, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano81o, Ano81p, Ano82l, Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano82f, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano82q, Ano82n, Ano82o, Ano82p, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano83s, Ano83t, Ano84e, Ano84f, Ano84g, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano84u, Ano84v, Ano85a, Ano85b, Ano85c, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l]. **Statistical** [Ano85m, Ano85q, Ano85r, Ano86c, Ano86d, Ano86e, Ano86f, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86b, Ano86q, Ano87h, Ano87c, Ano87d, Ano87i, Ano87e, Ano87f, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87g, Ano87o, Ano87p, Ano87a, Ano88e, Ano88c, Ano88d, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano88b, Ano88a, Ano88o, Ano88p, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Ano89l, Ano89m, Ano89n, Ano89b, Ano89o, BH83, Bau87, BCF86, Bav87, Bav89, Dem83, DPT80, Dup89, Gre85, Gre89, Høy87, JJ86, Ket84, KW88, KLW86, KN87, Leb86a, Leb86b, Leb86c, Leb88d, LRS88, Leb89a, Leb89b, Leb89c, Leb89d, LRS89]. **Statistical** [Leu87, MS82b, Nel89b, RP85, Rei84, Shl85, Wes85b, Wes87, WP82, BFA86, BCG+80, BSZ89, BS81, BEF86, Cep86, Che82, Chu85b, Col86a, DK86a, Der87a, Der87b, DK86b, FS81, Hio83, Ito82, Jen81, Kie89, KW81, Kog84, KWL87b, Kra81, KD82b, LG87, LPW81, LLE+83, Lev88, Lin84, Lin88, LPRV87a, LS89b, LS89c, LWS88, LV80, MB89, Nak86, Opp82, Par85, Par87a,

PS88b, PS88c, Ram86, Rap89, Red81, Req82, Rub82, Ruj87, Sch86c, SG81, Spo86a, Suz86a, Wes86a, Wes88, Zwa81, Ano85s, BT85, Wer84a, Opp88b]. **Statistics** [Gee82, HK85, Bax82, FP80, HR83a, Par85, PP83, Pom81, Pri81a, Pri81b, Pri86, PS88b, Ram84a, SL80, Sta84, Tsa88, WSL83, Whi89]. **Statphys** [Dom87]. **stay** [WZ89]. **Steady** [LS82c, Del82a, Del82b, Dic89, Gra81a, KLS84, Key82, ME87, WL88, Yeu89]. **stellar** [Gla85, Wei85b]. **step** [PS89, WS82]. **stepped** [WM83]. **steps** [BZ83, dH84a]. **stereochemistry** [Bro81]. **sticky** [HR80]. **stiffness** [PS89]. **Stillinger** [MG83]. **stimulated** [DCW85, WCD85]. **Stochastic** [BNMT83, DK86b, DGL83, Fox87, FL85, FN83, FCK83, Gol87, GR89, GNKW89, HR83a, HR83b, Ito88, JS86, KHM+83, LN84, LLS88, ME82, MV86, MR88b, Nak86, Nos83, PW84, Wei83, AMC89, ABKS89, BZ87, Blo81, BM84b, BS87b, CDPP89, CS89, CGOV84, DM81, DLT88, ER81, ED81, Fed88a, Fox89, GHKM89a, GHKM89b, Go83, GKI85, GP86b, GG87, GHT80, GSH88, HS88a, HS87, HMS83, Ito84b, KLS84, KLPS83a, KLPS83b, KWL87a, LS87, LSSW80b, Lin89b, MLSK85, Mar85, Mas89, PC86, PW88a, PW88b, Rei88b, Ruj84, Sch86a, SS82a, Shl84, ST88, Spi85, TC84, Uey80b, VM86, VM87, VM88, VMA83, WL88, Wei84a, Wei86a, Wei86c, Wes84b, ZS82, vBS83]. **Stochastically** [BJLS89]. **stochasticity** [BG82, KLK+85, PPP84]. **stochastics** [Opp86b]. **Stokes** [Ala88, Ala89, BF81a, Che82, Cor89b, FT81, FTZ84, FGN88, TL82, Vis85]. **straight** [Fed88b]. **Straley** [vE87a]. **Strange** [MR83, WBKS83, BPTV88, Bro89, Fei87b, HK85, Kad86, KWL87a]. **stratified** [Str82]. **Stratonovich** [vK81b]. **stress** [Eva80, Wag89]. **stress-stress** [Eva80]. **Strict** [KZ87, AJ81]. **string** [Bor87, PW86]. **strings** [Jen86b]. **strip** [BBP87, CFS83, FJS83, KLS89, MO83]. **strips** [Kle80]. **Strong** [BCG+80, MKD87a, MKD87b, Meu85]. **strongly** [BLM87, DMM+89, HJM89, LM86]. **Structural** [LAA87, Tru86, LGP85, NH88, Sch85d, vHZ88]. **Structure** [KFB89, Sin83, AM84, AGL88, BK88a, BLP81a, Dei85, Dei89, DDI83, GLO86, GV89b, Haa89, LW85, Mag87, MS82a, Req88]. **structures** [BTZ85, BDWK87, HH85, KK85, Orb84, Pro84, Ram84a, SB84, SG88, UP84, YMS83]. **studied** [BWdF88]. **Studies** [Rei88a, Zwa81, BD82, CDM86, Cha84, Gut84, HW86, Kir84a, MS86b, Neg86, PAF84, PAF85, SSM85, Sug86, dOB89]. **Study** [BBAH83, Fye86, HD83, IM86, SIK86, AKvL88, dAB87, BL85, BF88, CLWH82, DMMSR88, DST83, De 85a, FCK83, FCD86, Gla88, Haa89, HHO86, IVMA83, JM86, Ker86, KBZ84, Lam89, LS84, Mei83, Pol89a, SMYO83, STA88b, Vid87, YMS83, ZBKS89]. **studying** [Sca86]. **sub** [Con82]. **Subdominant** [Mou82]. **subdynamics** [GM87]. **subgraphs** [Lav82a]. **subject** [Gro83b]. **subset** [WS82]. **substitutionally** [KFS83]. **such** [LW86]. **Sum** [Vie85, VB89, GLM80]. **summability** [GKT84]. **Summary** [BH83]. **Summertop** [ZAT88]. **Super** [Suz88]. **Super-effective-field** [Suz88]. **superconducting** [Abr85]. **superconductors** [Nel89b]. **Supercritical** [Kad83, Sar84, GMO89]. **superfluid** [HS89, Rei80a, Rei80b, deV85].

Superintegrable [Bax89]. **Superionic** [Die85]. **supersaturated** [BK80]. **Superstability** [BMPP80, LPdS84]. **superstable** [CCO83, Par85]. **supersymmetric** [Con88]. **superuniversality** [Blu89]. **Surface** [BT89a, BFL82, BKL83, CPRV89, Jan84, Jan85, KP89a, LW83, MS82a, MJ85, BW82, HW85, KVGZ87, MK89, PAF84, PAF85, PS89, SK82, SBS88, Smi89, WW86b, Wid88b, WM83]. **Surfaces** [Abr84, Bor87, BEF86, Gla88, Koh88, Sch85c, SMK88, WM83]. **surfactant** [BGBS88]. **survival** [WHB85]. **susceptibilities** [MH81]. **susceptibility** [BG84, BSF89, CPR86, CPR87, DD85, FE87]. **suspended** [Nos84]. **suspension** [FFC82a, FFC83]. **suspensions** [CF88b, Coh88, GM88a]. **sustained** [Dei85, Tél88]. **swarms** [FvdM89, PFvdMZ89]. **Symmetric** [CdS87a, CdS87b, CWD82, CWD83, KK84, Ken82, MS81b, PC87, dHK85]. **Symmetries** [Kal81, RT86, FM84, KD82a]. **Symmetry** [BF81a, GH82, AP89, BPZ84, BT85, BC89a, HT88, KLS81, KR85, LN84, LLS88, LN85, NB87, Pic83, Sim81a, ST89c, Sza89, WW88a]. **symmetry-breaking** [LN84, LLS88, NB87, ST89c]. **symplectic** [LPRV87b]. **Symposium** [Lee83, Ano87q]. **synchronization** [BCM87, YKS81, BCM88]. **System** [MS82a, AJ81, BvH89, Ben80, BW88a, BLP81a, Bur86, CDPP89, CF88a, Che86, Cor89b, DM87, EK85, FC89, For88, FN83, GG82, GLR86, GKI85, GG87, Gro89a, Gro89b, Gro89c, GNKW89, HS86, Iye86, Ken82, KK85, KD82b, Kür88, tLC86a, tLC86b, tL88, LSM89, Lu87, LOS88, MTG87, MP82, Mar81, MLSK85, Mür87, NMM80, OY87, Pan89, PPKP89, PIP89, Pet87, PS85, PW88a, PW88b, Rei88b, RR82, RLB86, Rub84, Sch83, SKA86, Sek83, SM89, Skr84, Wic85, ZS80, vB85]. **Systematic** [NMM80]. **Systems** [AV03, bA88b, AF81, AL81, AJ84, AM83, AFV85, AN87, AMV85, AV87, ABCN81, AAF89, Bak82, BMV85, BH88a, Bau83, BG86b, BMPP80, BS83, BDL81, Bis82, BPT83, BPK82, BC89a, Boy88, BDE89, BLP81b, BKL83, BLM87, BS89c, Bur86, CPPV89, CCO83, CCR82, CGVG83, CCR85, CFG80, CPR86, CPR87, CPRV89, CF88c, CLP87, CL89, CFGK87, CWD82, CWD83, DD85, De 85a, DFL86, DFL87, DMM$^+$89, Dei89, DLS85, DK86a, DG83, DV87b, Ebe86, EJT87, ED81, FVV82a, Fed88a, Fei87a, FLM88, FF87, FM84, Fox83, FGP80, Fri84, Fri85, Fri86, FP80, FILS80, FSW86, Gar83, GKN84, GW87a, GM87, GP83, GG88, GMC81, GP81, GP86b, GP85b, Gri88b, GLM80, GS88, HW82, HL89, Har87, HT87a, HNMK80, HW85, Hug85, IKY88]. **systems** [Jan82a, Jan82b, Jer87, KF85, KCH88, Ken84, Ker88b, Kes88, KK88, KRS89, KW83, KP86, KY85, KLW86, KWL87b, KS81, KLSZ86, KN87, LH88b, LLE$^+$83, LM84, LS87, LPT87, Len88, LN85, Lin89b, LPRV87a, LN88, LV80, Mac87, MGTM88, MPPT78, MY80, Mar85, MOS89, MR83, MPK88, MBG82, MGP$^+$83, Muk83, Nak81, NTW88, NT89, Neg86, NB87, NM84, O'C84b, OHI88, Oji89, Oli88, PSMZ84, Par80, Par82, PW81, Pol84, PS89, Pul82, RL86, RHM86, RPSS85, RT81, RRO88, RSK86, Rub82, Rue86a, Ruj82a, Ruj82b, Ruj84, SSD82, Saw84, Sca86, Sch89a, Sch85a, Sch86a, ST89a, Shi83, SV80, Spe86, Spi85, Ste81, SLM89, Sto86, SS83, SGL89, Suz86a, Suz86b,

Tar87, Tas85, Tas89, TM89, TG87, VM86, VM87, VM88, VtLZ89, Vig82]. **systems** [Vil87, Wag89, WBL89, Wei86a, Wes83b, WF88, YHOF85, Yan87, 't 88, vB84, vDE87, vD87, vD88, vEvH83, vEvH85, MPPT80, WO86]. **systems-** [GP86b].

table [ATZ83]. **Tagged** [MD83, CK88a, MK84]. **Tail** [KV82, Eva80, SC88]. **tailed** [WWH89]. **tails** [EMDvB84, EvV89, HZ86, KS86, LMN84, LN88, MEvBD84, Mac86, MK85a, MK83a, MK85b, MS83b, Sim85, Sim87, Woo89]. **takes** [Pea85]. **tale** [MS83b]. **talks** [Ano87q]. **Tangential** [Kle89]. **target** [Vid87]. **tasks** [BSZ89]. **Taylor** [BMO+84]. **technique** [KW82]. **Techniques** [Gre82a, Ken83, Pra83]. **Teller** [Igl89, Pfi82, Sal88, dOB89]. **Temperature** [BFG86, MNT85, ACH88, BP89, CkM82, DV87a, Deu83, DS86c, GD85, GPS86, Gut84, Joh89, Jon86, Mon85, O'C84a, OB84, Pra83, RS87b, SG87, Sim80, Sim81b, Sok81b, SGL89, Tar87, Uim84, Zah87]. **temperatures** [GLM87, HKZ88, KD83, Lav87, MZ89, Yan87, Zeg87]. **Temperley** [DDdG83]. **temporal** [SKW82]. **tension** [Bor87, BFL82, BKL83, KVGZ87, MJ85, Wid88a, Wid88b]. **tensor** [Wag89]. **tent** [Dör85a, SMYO83, YMS83]. **Tenth** [Ano84v]. **term** [kM83]. **terms** [VR85]. **test** [Pia84]. **Testing** [CR86, DP87]. **Tests** [FRY87, MS86b]. **their** [Bar85, BA87, PSMZ84, RW86]. **theme** [Kas87]. **theorem** [ACT82, Bav86, BS89b, CC82, CF88a, CL81, Del84b, FHT88, Gol85, GP89b, LPW81, Mar81, Pia87, Pla86, PG83, Rez81, RL80, Wer88]. **theorems** [AC84, Col86b, CG81b, Mon83]. **theoretic** [Par80]. **Theoretical** [Ano81o, Meu84, Wei86e, vDG89]. **theories** [Bau87, Bor87, DP87, DBK+86, PYC85, SI87, d'E89a]. **Theory** [Ano80o, BK80, cC87, Fai81, FGMZ85, GVV89, HS89, Kop86, KVGZ87, MGP+83, SS84a, Wol82, YS85, Ala87a, Ala87b, ACH88, AF86b, BK81, BNMT83, BR80, BW89, BS89b, BP89, BM88, BF86, BLS82, CR86, Cam81, CK87a, CGVG83, CP87, CL88, CIPS88, CC84, qC81, qCeY81, Chr86, Chu85b, CF89, CdS87a, CdS87b, Cuk82, DS81, DGK81, DF87, Der87a, Di 84, DS83a, DZ87, Eis87, ERH85, EB88, Fam88, Fei88, Fer81, FCB86, FT88, FvdM89, GHKM89a, GHKM89b, Gol87, GP86b, Gre86, Gro85, GGP86, GV89b, Hee82, HR83a, HR83b, JMF88, JK89, KGA84, Ken84, Kes81, Key82, KL82, Key83, KS85, KC83, Kog84, Kog86, Kos86, KMS87, tLC86a, tLC86b, LYAA83, LCY83, LV80, Mag87, MK85a, MKD87a, MKD87b, MT87, MY85, MHB86, MS86a]. **theory** [NGH82, OHI88, Oka86, PS88a, PB83, PLM+84, Per84, PT87, RV81, Ros86, SC85a, SS88b, ST81b, Sen88, Shi83, Shl85, Sla83, Spe84, SKS82, Suz88, ST87, TB88, Van88, Voo85, Wat89, Wer84b, Wes85a, WT89b, Wol86, Wu88, dlL82, vBD80a, vBD80b, vBD82, vB84, vB85, vHGHK88a, EMDvB84, RS85a, Kes88]. **there** [d'E89a]. **Thermal** [SVBO88, Fri86, GP86b, GG87, LS82a, LS89a, Maa84, SF89, WP82, vBC88]. **thermally** [FGS84]. **Thermo** [Suz86b]. **thermochemical** [TvdB88, Van83a]. **Thermodynamic** [Bax89, LS82a, RHM86, dSVT87, BS81, Bon87, BCM87,

BCM88, DL82, FP80, IP86, Kei84, Kra88b, PV89, PPKP89, Rue81, Saw84, SBS88, Tak89, Wes83b, vEvH83, Wer84b]. **Thermodynamics** [Ano88a, Chu85a, DP89, Hug85, JW89, VB80, AL81, Bal87, Ban87, CCP87, Del84b, DPT80, DDL87, Eu84, GCF82, GCdHR+84, Gre86, HNMK80, Kei83, Lan84a, LR88a, Lin84, MK89, Nak81, Opp82, Opp88b, Opp89, Rei88a, Sin83, WW82, Wer84a, BMS82, Col86a]. **Thermophoresis** [Key83]. **Thermophysical** [Lee83]. **thick** [HP87]. **thin** [Bab86, KD84a]. **Third** [Gib81, AL81]. **thirds** [cCM89]. **Thouless** [BP89, Dun85, MP89]. **Three** [Bau85, BBF86, CF89, EN85, Lin89a, McK87, AB87a, BNHF83, Bil88, CS86b, CK87b, CMM86, DdGM89, EK85, FKP88, FG88, FG89, GDx82, HCKS84, HK86, HS86, KD82a, LS84, Law88, LW83, kM83, Mal82, MLSK85, MHV89, MJ85, NR88, PSMZ84, PSZ87, Par80, Pri81a, Pri81b, RHG89, SL80, dFKP87, vVE87]. **three-** [NR88]. **Three-body** [CF89, kM83]. **three-component** [HS86]. **Three-dimensional** [Bau85, EN85, BNHF83, Bil88, CS86b, CK87b, CMM86, FKP88, HCKS84, LS84, LW83, MLSK85, MJ85, PSZ87, Par80, Pri81a, Pri81b]. **three-point** [GDx82]. **Three-spin** [BBF86, Lin89a, AB87a, Mal82]. **three-state** [MHV89, RHG89]. **threshold** [ED81, KL82, PSMZ84]. **thresholds** [Sha82a]. **Thue** [AP89]. **TI** [SH89a]. **TII** [SH89a]. **Tiling** [Sch88b]. **tilings** [GL89b]. **Time** [APSJ85, CC82, Ern87, JLM85, JMM87, MP82, MO83, MSW82, PS85, Vig82, Ala89, ADG88, BDKW88, Ber86, CCR82, CCD86, Der87a, Der87b, Eis87, EMDvB84, EvV89, EW81, Eva80, FHW88, Gar83, Gar87, Gzy82a, HZ86, HR83a, KB85, KWL87b, KSB85, Kür88, LMN84, LSSW80b, LS89b, LN88, LOS88, Mac87, MEvBD84, Mac86, MV88a, MK85a, MW88, MK83a, MK84, MK85b, MR83, MR87, MR88a, NM84, Pea85, PS82b, Pul82, Rue86b, SS88b, SG87, Shl84, Skr84, SF89, Vai89, Wei81, WDG86, WHM89, WWH89, Wes84a, Woo89, YAA82, Zwa83, dSCKP89, vBLLS80, vVE87, JLM95]. **time-correlated** [KWL87b]. **time-correlation** [Ber86, EW81]. **Time-dependent** [Ern87, JLM85, JMM87, FHW88, LOS88, vVE87, JLM95]. **time-local** [Der87a, Der87b, NM84]. **times** [BR86, CS89, Fei87a, HDL89, KMST86b, LS87, LvB89a, LvB89b, LSSW80a, MOS89, MV82, THFT87, VB86, WSL83, Wei84b, dSEC81]. **Titles** [Ano87q]. **Tjon** [Cor85]. **Tolman** [Hee82]. **tool** [HJ87, Sca86]. **tools** [VV89]. **top** [Rav89]. **topological** [BKLP89]. **topology** [Dup89]. **torichaos** [Rie85]. **torque** [vBD82]. **torus** [Sal88]. **Tracer** [Spo87, vBK87, BH88b, KvB85, dH89a]. **traffic** [RHM86]. **trajectories** [EC86, NZ86, Rap85, Sar84]. **Trajectory** [GRS80, Kad83]. **Transfer** [AKS89, Le 84, SD86, BZ83, Con88, DZVS84, Gie89, Gut86, KW81, Lam89, MR88a, PS89, Zol86]. **transform** [BFG86, PA88]. **transformation** [GM88b, Hol88, Lav82c, SF88, GM96]. **Transformations** [HC88, Cos80, DvE89, GBP88a, HJ87, MT82]. **transforms** [BGM84, LWS88]. **Transient** [Agm86, CPPV89, FN83]. **Transition** [BMV82, BG82, NC85, Rei88b, ZS82, AS86, ANFdL+83, ABF87, AG85, BP89, BD85, Cal83b, DS86c, Dun85, FCK83, GN85, GG82, GKT+86, Gra84,

HHB87, Hög88, Huc83, Kam86, Kat85, KY88a, KMS87, Kra88b, KN87, LD87, MP89, MLSK85, MST84, NR82, PLM+81, PLM+84, PP83, Pol84, PS88d, SH89a, Sim80, SMM89, Süt80, SWYM87, TL82, Tou89, VA81, Wei87a, Wic85, dS88a, vDE86, vHZ88]. **transition1** [Per87]. **Transitions** [Rie85, BD88, Bar89, BSTK87, BCSY84, BT85, Bon87, BS89c, DP87, DBW81, DH85b, DP89, EE88, FILS80, GKK87, Gro81d, Gun84, KT85, Kir84b, KP86, KU86, Kor86, MV87, MV88b, Par80, Pen86, Pen87, PW81, Pfi82, PS82c, PF83, Req82, Ryt87, Sch85d, SMYO83, Sin82, Uim84, VM86, VM87, VM88, WL88, Wes85a, vEvH85]. **Transitivity** [NTW88]. **translation** [LN85]. **Translational** [MK85b]. **Transmission** [Fel86, DS86b]. **Transport** [Büt89, NM84, Rub84, WWH89, vBS83, Bal87, Bur86, CP82, CH87, Del84a, Der87a, FvdM89, Hor85, KK88, KFS83, KEKS83, MKD87a, MKD87b, MGP+83, Ram86, Sen88, Sta84, VD89b, vVE87]. **transverse** [DD81, FE87, HGR87, Kir84b]. **trap** [PPK84, WHB85]. **Trapping** [Hub83, WH84, ADG88, KBZ84, KHNA83, Mac86, MSW82, MGP+83, Web84, Wei86d, dH84a]. **traps** [Agm86, Hal83, SLW84, Wei86d, dH84a]. **traveling** [AKvL88, BM89, BFA86, DS88b, RG86a, Vid87]. **traversal** [Gar87]. **Treatment** [CC86, Val85, AMV85, Bau85, CCRG80, DH87, LV88, RHM86, VD89b]. **Trebon** [Ano87q]. **Tree** [AN84, GvD89, HKW+85, HKLW87, HM84, ITH83, MTA85, MH81, Pri86, Tho82a]. **trees** [CG85, DS88b, Lav82b]. **triangle** [BA86, Ngu87b, Sha88]. **Triangular** [EW82, KIM86, KU86, Mal82, Wu85, Zia86]. **triangular/honeycomb** [Zia86]. **tribute** [Opp86b]. **Tricritical** [VA81, dAB87]. **Trinomial** [AB87b]. **Triple** [McL82b]. **Triple-collision** [McL82b]. **Triviality** [GK82]. **trotter** [Fye86, Val83]. **trotter-like** [Fye86]. **Truncated** [TL82, BF81a, FTZ84, Gra82a]. **truncation** [FT81, HT80]. **truncations** [FGN88]. **tubes** [Bab86, Kle80]. **Tunneling** [PMBB+84, JW89, SS85, SD85]. **Turbulence** [Bro89, Ala88, BMO+84, HS89, Hor85, Kra88a, LLE+83, Lin85, LFtH88, Nel89a, OY87, Pro84, Str82, Yeu89, ZBKS89, Wes86b]. **turbulent** [Ala89, qC81, qCeY81, DP85, Tou89]. **Turing** [Ben80, Ben82, BDWK87]. **Twelfth** [Ano86q]. **Two** [BM84b, BL84, Cor89a, Deu83, FFC82b, Gib81, HV85, Jer87, Joh89, Mal82, PW85, SI87, SS89, UP84, Wu86, AJ81, AJ84, ACH88, ADM83, AB87a, ADFJ89, BM89, BD82, BPP84, BD88, Bax82, BPZ84, BPP87, BT89a, BS87a, Bin81, BPK82, dAB87, BLP81a, BH88b, BR85, Bur88, CR86, CLWH82, CG85, CCD86, CCS87, CFS83, Cor88, CJ87, CJB88, DP87, Dic85, Dup87, ED81, Fed88b, Fer81, FdF86b, FLNO88, FJS83, For84, For88, For89a, FM87, GN85, GKN84, Gat88, GS86, Gra82a, Gro81b, Gut84, Hoo86, Ima86, Jan84, KP89a, KTB86, KLT88, Ker88b, KZ87, KRS89, KLS81, Ko88a, Ko88b, KU86, Kor86, KLS88b, LMJ87, LH88a, Lav87, Law88, LOS88, MP89, MK87, MM84, MS88b, MIH86, MPH87, NNK89, Ngu88, Nie84, NR88]. **two** [NHH88, OMS86, PV89, PSMZ84, Par80, PS82b, PL87, PS88c, Req83, Req88, SB84, Sal86, SD86, SS84a, Sch83, Sch85a, Sch88c, Sek83, Sel89, Ser86, SL80,

Sor88, Spe86, Sta87a, Sta88a, Stö88, SPA88, TCB89, Tor86b, VM87, VM88, VA81, Wag83, Yan87, dAC87, dHK85, dFSZ87, vVE87]. **Two-** [Mal82, AB87a, Par80]. **Two-body** [HV85, Gro81b, Hoo86, MIH86]. **Two-cell** [BM84b]. **two-component** [Dic85, For84, For88, For89a, Sch83, Sor88, VA81, dAC87]. **Two-dimensional** [Cor89a, Deu83, Jer87, PW85, SI87, UP84, Wu86, AJ81, AJ84, ADM83, ADFJ89, BM89, BD82, BPP84, BD88, Bax82, BPP87, BT89a, BS87a, Bin81, BPK82, BLP81a, BH88b, Bur88, CLWH82, CCD86, CCS87, CFS83, CJ87, CJB88, DP87, Fed88b, Fer81, FdF86b, FLNO88, FJS83, FM87, GN85, Gat88, HV85, Ima86, Jan84, KP89a, KTB86, KLT88, KZ87, Ko88a, Ko88b, KU86, Kor86, KLS88b, LH88a, Lav87, MP89, MK87, MM84, NNK89, Ngu88, Nie84, NR88, NHH88, OMS86, PV89, PL87, SB84, Sal86, SD86, Sch85a, Sel89, Ser86, Spe86, Sta87a, Sta88a, Stö88, Yan87, dFSZ87]. **two-level** [LOS88, Sek83]. **two-parameter** [GKN84]. **Two-particle** [FFC82b, Ker88b, Req83]. **two-phase** [Req88, Tor86b]. **Two-point** [Gib81, Gra82a]. **Two-sided** [SS89]. **two-spin** [TCB89]. **two-state** [KRS89, SS84a]. **Two-temperature** [Joh89]. **two-time** [PS82b]. **type** [ABF87, ABF84, ABCN81, Fed88a, Kat85, KEKS83, LPS85, LPdS84, Meu84, OB87, Ste89, VMA83, ZT85]. **type-I** [Meu84]. **Typical** [Ngu88].

Uhlenbeck [Row86]. **Ulam** [Fei85]. **ultrarelativistic** [Cer86, Fre87]. **ultrasound** [deV85]. **unbounded** [BG84]. **undecidability** [Sch88b]. **underdamped** [RV85]. **Understanding** [Fif85]. **uniaxial** [FdF86a]. **unicity** [Man84b]. **Uniform** [MST84, BSF89, JMM87, KvB85, MD83, RSRD83, Tej89]. **uniformly** [KU86, Kor86]. **unique** [FN83, KLT88]. **Uniqueness** [Kle86, MN84, CP87, Gro81d, Par87a, Pra83, RS87a]. **unit** [Cos80]. **unitary** [HJ87]. **universal** [BL85, GS81]. **Universality** [Blu89, Fam84, Stö88, Tra88, MJ85, Pol84, PS88d, WL88]. **universe** [Eis87]. **University** [Ano85s, Ano87o, Ano88o, Ano81o]. **Unpredictability** [MOS89]. **Unstable** [Val85, AMV85, DPV86, Dee85, Dei89, DM87, FR81]. **until** [dH84a]. **updating** [Stö88]. **Upon** [Phi82, CC86]. **Upper** [Gro83c, Lav82b, Mon85, Pic84, vE87b, KK88, Lav82a, Sim80, Siu85, Tas89]. **use** [De 85a, SV80]. **uses** [And86]. **using** [BB80, Cho88a, cCM89, DBK$^+$86, Gro83c, Loh86, Mon83, PA88, RR82, Sha82b, SIK86, Val83, Zha89a]. **utility** [Phi82].

vacancy [BWdF88, BH88b, KI83]. **vacua** [AF81]. **Vacuum** [GM87]. **validity** [CC84, vK81c]. **value** [CP87, IT88, ST89a]. **Vanishing** [Wre83, Hug85]. **vapor** [BK80, HGR87, HP87]. **variable** [SS85]. **variable-range** [SS85]. **variables** [CD89c, GHT80, Jan89a, Jan89b, Jan89c, Shi81, YS85, vK87a]. **Variance** [Tor86a, Sch87a, Sch87b]. **variant** [ABF$^+$85]. **variation** [An88, BWdF88, Mor84, Sch84, Sch88b]. **Variational**

[Mal82, ST81a, BS89b, CK88a, CWD82, CWD83, PC86, PC87, Ros86, Saw84, Sch84, Sch85a, WKC83, Gro89a]. **Variations** [Kas87]. **various** [Mon85]. **Vasserstein** [KRS89]. **VBS** [Kna88]. **VBS-quantum** [Kna88]. **vector** [AZ85, Bau83, Kal81, KY85, Kur83b, Pea85, WZK84, vE85]. **Vectorized** [BS89d, Zha89a]. **vectors** [GM88b, GM96]. **Velocity** [Der83, Kos86, MPPT78, CK88b, Cor87, CWD82, CWD83, GP86a, Kir89, MK85a, PP82, SC88, VKK85, WS83, dH89a, MPPT80, vBS83]. **versions** [CR86]. **versus** [BW84, GNKW89, LH88b, MV88a, vK81b]. **vertex** [ABF84, BBP87, Cla83, DdVG89, DS83b, FB85b, Ham87, NNK89, Sha82b, Tru86]. **Very** [dSC82, BS84, KW82, Lor84]. **Very-short-wavelength** [dSC82]. **vessels** [GM88a]. **VI** [Spo86a]. **via** [HMH84, HK86, KI83, KH87, LH85, MN84, VH87]. **Vibrational** [KCH88]. **Vicious** [For89b, FG88, FG89]. **view** [Der87a, Der87b, Kog84, Meu84, Rub84]. **viewpoint** [GP83]. **VIII** [NGH82]. **violations** [GG83]. **virial** [ANFdL$^+$83, Gib81, Kra82a, Kra85, Rai81]. **viscoelasticity** [Bav87]. **viscosities** [SKS82, XS89, dSvLH89]. **viscosity** [EW81, LH85, MIH86, Rot89]. **viscous** [Rub86]. **visited** [WS82]. **visual** [BGWY85]. **Vlasov** [Ala87a]. **Vogel** [BS88]. **volatile** [DPT80]. **voltage** [NT81]. **Volume** [Rap87, Wes84a, BMS89, FKP88, FK83]. **volume-preserving** [FKP88]. **Voronoi** [Han83b]. **vortex** [BMO$^+$84, CF88a]. **vortices** [MO83].

W [Opp86b]. **Waals** [DS80, NGH82, SD81, vL89]. **Wagner** [BPK82]. **Wainwright** [Oka86]. **waiting** [WWH89]. **waiting-time** [WWH89]. **walk** [AV81, BDKW88, BS85, BZ83, BMS87, BLP89, CV87, GN87, HGPRS89, HWW82, Hio83, KBZ84, KI83, KLS88b, Law88, MS87, MS88a, Nau85, NG87, PP83, Ram84a, Ric83, ST89b, Sta87a, Sta88a, Sta89, SN84, ST81c, Tor86a, WS82, WHB85, WDG86, WWH89, WS83, Zol87, bARC89, dFKP87]. **walker** [AAK84]. **walkers** [AKN84, FG88, FG89, For89b, LSSW80a, Pri86]. **walking** [AS89]. **Walks** [Fis84b, AH89, ABG$^+$89, Bar85, BR86, BBAH83, BHR$^+$88, Dom83, Dup87, DD88, EvV86, Ern87, Ern88, Hal83, Hey82, HMS82, HS82b, JM86, KdH83, KB85, Kle80, KHNA83, Lec85, LMN84, LSSW80a, Mac83c, Mad88, MV88a, MV82, NCF88, Par89, PS88d, RS85a, RS85b, SD86, SKW82, SLW84, ST84b, WR80, Wei81, Wei84b, WH84, WW88a, Wes82, Whi83, ZBKS89, Zwa83, dFKP86, dlSLW88, dH84a, dHK85]. **Wall** [Req88, BP85a, Bav86, Jan82a, Jan82b, Key83, LW85, Per80, Tit84]. **wall-bounded** [Per80]. **walls** [Fis84b]. **Ward** [FB85a]. **water** [TWB86]. **Watts** [MB84, Shl84]. **Wave** [Ste81, Cor88, Far87, FF86, FC89, FFdlM87, Lev88, Sek83, Sor89]. **wavelength** [dSC82]. **wavelet** [GV89a, Hol88]. **waves** [BCFN89, DS88b, Fel86, KN85, Meu85, MPH87, Vid87, WS84, Wes86b, vHBW84]. **Weak** [BK88b, ZD88, AN87, BMV82, GT84a, GT84b, Gra89, HMC87, Jau86, LFtH88, Pia81b, VMB82, WS84]. **weak-noise** [GT84a, GT84b, Jau86]. **weakening** [KSB85]. **weakly**

[CCR82, CWD82, CWD83, HDL89, HW85, MKDC85, RRO88]. **weakly-coupled** [HW85]. **Weiss** [dH85a, AZ85, EE88]. **well** [RV85, Ryt87, VR85, WMvBL88]. **West** [Ano81p, Ano82q, Ano85a, Ano86q, Ano87a, Ano88b, Ano89b, Ano84v]. **Wetting** [BL87, AS86, BEF86, DMMSR88, Fis84b, FLNO88, Per87, SIvL+88, dCD87]. **where** [DdGM89]. **which** [DIP82, DFIP82, KW88]. **white** [HGPRS89, RPSS85, Van83b]. **width** [AKS89]. **Wiener** [BMS89, cCM89, Gro83a, KLS88b, Nak86, SL80]. **Wigner** [Ima86, NR88]. **Wild** [Bar88b]. **Williams** [MB84, Shl84]. **Wilson** [Mis85]. **wind** [SC88]. **winding** [Sar84]. **wire** [MB81]. **within** [Bab86, Git88]. **without** [Bro89, DM81, Mie89]. **WKB** [CCRG80]. **wonderful** [Opp86b]. **Works** [GP85b, Ano85p]. **workshop** [BH83, HL82, LLE+83, dAHK+89, JKHV85]. **world** [Loh86, Opp86b]. **Wu** [Cor80].

XXZ [NKO+89]. **XY** [AB83, HR86, KU86, Kor86, SS86]. **XYZ** [OMS86].

Yang [Dav87, De 87, Kur83b, MS84, VTB86]. **YBa** [BWdF88]. **Yevick** [Var81]. **York** [Ano88o]. **Young** [dCD87]. **Yukawa** [BR80, Ben85b, Blu80, CW81, WC81].

Zernike [Blu80, CW81, WC81]. **Zero** [GD85, Tej89, BBF86, DV87a, De 87, DF84, EF87, FHT88, Süt89]. **zero-degree** [EF87]. **Zero-frequency** [Tej89]. **zero-range** [DF84, FHT88]. **zero-temperature** [DV87a]. **Zeros** [Mon83, DDI83, GPS86, MS84]. **zeta** [BSV87]. **Zhabotinskii** [RDRS87]. **Zipf** [NNN89].

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