A Complete Bibliography of the *Journal of Statistical Physics*: 2010–2019

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/

06 September 2019  
Version 1.24

Title word cross-reference

#SAT [BMT15].

(2 + 1) [XTpXpH12, CTH+11]. + [Zuc11b]. 0 [Fed17]. 1  
[BELP15, CAS11, Cor16, Fed17, GDL10, GBL16, Hau16, JV19, KT12, KM19b,  
MN14b, Nak17, Pan11, Pan14, RT14, RBS16b, RY12, SS18c, Sug10, dOP18].  
1 + 1 [Sak18, CP15b]. 1/2 [MD10]. 1/f [FDR12]. 1/n [Per17]. 1/|x − y|²  
[MSV10, MSV13]. 13 [DFL17]. 1 ≤ p ≤ ∞ [Dud13]. 1/fα [HPF15]. 2  
[AB19, BF12, BNT13, DSS15, EKD12, Her13, Ily12, Lan10, Li12, LZ11, Ny13,  
Ost16, PSS16, ST14, Sch13b, TJ15, WPB15, dWL10]. 2 + 1 [dWL14]. 2.5  
[BC15a]. 2R [WLEC17]. 2 × 2 [CLTT13]. 3  
[BCF19, BLS17, ESPP+14, Kar18, SH16, SWKS14, dCCS19]. 3/2 [DK10]. 38  
[Cam13]. 4 [BBS14, Zha14]. 5/2 [DK10, EKD12]. 6 [EC11]. 8 [Zha14]. 90°  
[CP18, DDN14, DXZ14, LT10b, ZGL13, ZGL15]. b [She15]. \(\beta\) [DHR18, DDN14, HF12b, Koz17, Kum19, MMA15, SW12]. \(\beta = 1\) [AP14a].
\(\beta = 4\) [AP14a]. c [ESPP+14]. \(C^*\) [ADR18]. \(C^1\) [Tia14]. \(C^{1+\alpha}\) [Tia14].
\(d\) [BHNY15, BNY16, Bis19, CMS13, CvELR18, Ein12, Far15, GJ15a, SS16, WX15]. \(d = 1\) [Far15]. \(d = 2\) [TV12], \(d_2\) [Tos17]. \(d_{\geq 2}\) [MW12a].
\(\epsilon\) [BC15b, Sou18]. \(\Gamma\) [PST12]. \(H\) [BJM15, SB15a, AU15]. \(\text{SLE}_6\) [Ken19].
\(J_1\) [MD10]. \(J_2\) [MD10]. \(K\) [PRD11, TVP13]. \(k = O(n)\) [dMPTW16]. \(k \cdot p\) [BF10].
\(L^1\) [ASA15]. \(L^2\) [HX15b, MC11, TV16]. \(L^p\) [Dud13]. \(\lambda_d\) [Fed13]. \(m\) [KID+11].
\(N\) [BZ13, GGJR14, Mar15]. \(R^d\) [JL16]. \(Z\) [LMM16]. \(Z^2\)
[ABMP16, AD15b, DP19]. \(Z^d\) [DEK+15, AFGL15]. \(Z^{d+s}\) [SS17, SS18b].
\(Z^d, d \geq 3\) [CG15]. \(Z_p\) [CAS11]. \(U\) [Kha19]. \(U_q(osp(1|2))\) [LS16c]. \(\{ (n|m)\) [MM14].
\(U_q(f(s(1)))\) [CRS16]. \(N\) [CD14a, CB16, Cha14a, Kie14, KMS14, Leb13, NBK14, RE13, Sch12a, SMCF13, BBS14, CCG14b, DRCV19, XY13].
\(N^{3/4}\) [Sch13b]. \(O(N)\) [KN16, LSW17]. \(p\) [ALS18, AJ19, CP17b, Pan14].
\(P(\varphi)_2\) [FZ11b]. \(\pm Z^d\) [Tyo12]. \(\pm Z^d, d \geq 3\) [CG11a]. \(q\)
[ALS18, BDP19, BCF10, CS15, CP15b, GN13, MSS15, MLCPS13]. \(R\) [KS13].
\(R^d\) [IPS10a]. \(s\) [GJ15a]. \(\text{SLE}(2)\) [AKM13]. \(\text{SLE}(\kappa; \rho)\) [Zha10a]. \(\text{SLE}_{8/3}\)
[Ken12]. \(SO(3)\) [BJGL+17]. \(SO(m + 1)\) [Mac10]. \(T\) [ISZ16]. \(\rightarrow\) [Gal13]. \(\varphi\)
[AvB16]. \(XY\) [CR16]. \(|\varphi|^2\) [BBS14].


7th [NBK14].
80th [Gal17a].

PCMM18, RKGZ12, RBR11, San18, SS16, Shi16, TGP12, WL13, ZJ14).

Approaches [dMS17a]. Approaching [JRS15]. Approximate
[ART15, ZW12]. Approximation [ABMP16, BGN16a, BGG10, BS15e, CSC14, DD15, II13, JK12, LT10a, LLM12, LSS19, LR15, QLCL16, Sch12c, SS18c, SST14, SSBS14, Vid17, Vie16, Zuc11a].

Approaches
[AvB16, BCJP19, BCL10b, GLO10, KTJ10, OO18, Pav11, TFES19].

[Aum15, Dor16, HVW12, KS14, KT17, Mar16, TKK15, YM11].

Archimedean [CS19]. Architecture [MC17a]. Arcs [ZX17]. Arctic
[CS16c, CPS19, DG19b, TW17]. Area [CB16, Cha15a, KMB14, KD19].

Arithmetic [OW11]. Arm [DHS18, Wu18]. Arnold

Artificial [Cug17]. ary [DRCV19]. ASEF
[BS13a, BS15a, IS11, Lee10, PS11, TW10]. Asexual [PSK10]. Aspects
[BGP10, CSV11, DM10, LYE19]. Assembled [Aral11b, DK09]. assembly
[DPT17]. Assignment [CDS19, PSS11]. Assisted [PS16]. Associated
[BRK18, DKY19, Fed17, GMT17b, GMT17a, Kat12d, Kra16, MBS16, PPS16, Tid16, WP11a, ZGL13]. Associating [Dzu11].

Associative [DHL17, GHV16]. Asymmetric
[AFR19, BW17, CCG14a, CGRS16, CL16, Chu18, Dai17, DG17b, DLM16, GS11b, Gon14, GG11a, HM16, Kan14, KL15, KMO16, Lee12, LN19, Mat15, Mor11, Pro15, SS10, SJHW11, Sin11, TW13b, TW13a]. Asymmetrically
[Gup16, ST14]. Asymmetry [BCS18, FLS12, Hen12]. Asymptotic
[BCPS18, Cárc14, CLS11a, CFTW15, CTM13, CC14, CL18, CMM14, DHR18, DF16, DMM14, FS14a, FF11a, Fed13, Fre17, He14, JV19, KSSH15, Kol17, Ku017, Lan16, LH11, Pan14, Pan16, PMC15, Sam16, Sch12b, Sch13b, TH12, Tou18, TC11a, WYG16, Zhu17]. Asymptotically
[BCW13, RS15a].

[GNP16]. **Cells** [FMAG11, FAB16, Kos11, RELV11]. **Cellular**

[AKH13, CSAS17, CAS11, CT10, EJ10, GG11b, KT15, PSS16, Qia10, RL17, SM15, Tag15, WPB15, dMP12, dMS17a, tWBOM16]. **Center** [Ano12a, Ano12b, Ano119a, Ano119b, Leb12a, Leb12c, Leb13b, Leb13c, Leb14].

**Centered** [Asa13]. **Central**

[BPZ13, BSS14, CCEF10, FL14, GGvdHP15, HNVZ13, Hor16, Kle13, KKS19, LLM12, NSV12, PJ11, RVY18, Sum18, TWT14, Tos16, Tzi18, Cha19].

**Centred** [Ano12a, Ano12b, Ano18a, Ano19a, Ano19b, Leb12a, Leb12c, Leb13b, Leb14]. **Century** [Bak10]. **Cercignani** [Ein12].

**Certain** [BCL10a, Kac13, LNY16, LY10, PCM15, Ras12]. **CFT** [GLM18]. **Chaikin** [Ano18a].

**Chains** [AMS14, ADF18, BL10a, BL12, BCFS17, BM11, BLM13, BK11, CG12a, DDHS17, DKS19, KT12, LMN16, MAA15, QQ12, SSR12, DS19]. **Chains** [AMS14, ADF18, BL10a, BL12, BCFS17, BM11, BLM13, BK11, CG12a, DDHS17, DKS19, KT12, LMN16, MAA15, QQ12, SSR12, DS19].

**Chapman** [CLMK18, GPMSBBSV15]. **Characteristic**

[Afa16, FN15b, FL16b, Sha12, TA16]. **Characteristics** [ADH12, PK11].

**Characterization** [GR12, PR15a, dHO13]. **Chargaff** [HMO12]. **Charge** [AF16, BPLL13, CR14, CR11b, DLLX16, Miy16a, SJ10, Sam19, TT12, WBL11, Zhou17].

**Charged** [Ban10, BG12, CF11, FW12, HKW11, RW19, ST14, Sam15, Sam16, Vie16]. **Charges** [Sam13]. **Charles** [Mac13]. **Chayes** [Ano18a, GOPS11].

**Cheap** [LTR17]. **Chebyshev** [Tak16]. **Chemical**

[ADE18, Bai10, BD15b, GQ17, Gor18, LL16, LLM19, Qia10]. **Chemically** [SB15a]. **Chemistry** [Bai10]. **Chemotactic** [HCLR11, RESA10].

**Chemotaxis** [CSV11, Man11]. **Chiral** [IPS10b]. **Chirality** [FY16].

**Choice** [OEA18]. **Cholesteric** [SGL15]. **Chopping** [CP18]. **Chordial**

[HMN15, Zha10a]. **Chromatin** [CM11]. **Circle**

[BHJ12, DMY13, Fer14, SB16]. **Circuit** [Ham11]. **Circulations** [KW12].

**Circumstances** [Hol11]. **Citations** [GS13]. **City** [LLS13]. **City-Size**

[LLS13]. **Class** [ABF16, BFKR10, BCHM12, BS15a, BD15a, CS10b, CT10, CFG13, CQR15, CH11, HKR17, He19, LS15b, LM17, LW19, LMC19, MW12a, MU13, QS15, Sco11, Ven14]. **Classes** [HSFK18, LSBS13, PSS15, RMS19].

**Classical** [AF16, AG11, AF14b, BDDH14, BM16, CH14, Crl11, CMO18, DAl11, DKL19, FBE11, FS11a, FR17, GS17a, Guo15, K19, LTM16, LLS17, MSS15, Mon12b, RRW11, Sch13c, Wre12]. **Classification**
[DF17, GJMS10, OC12c]. Clausius [MN14a, ST11a]. Clifford [Thâ11].
Climate [LRL17]. Climatology [TW17]. Climbing [BLL+13]. Clique
[GSVV11, TVP13]. Cliques [JvLS19, PT14a]. Clock [KS18, MS11a]. Clock-
[MS11a]. Close [AN15, BvE11, CLTT13, GBTL17, NV14, PKDK13].
[AvB16, KTJ10, vdHvLS18]. Clouds [AG14]. CLT [Ste10]. Clumping
[BKM15]. Cluster [Alb16, BFP10, Cam13, CVE14, CG15, CDCL18, CM12b,
CEGW18, FBR19, Fed17, FR17, FD16, Gan18, GOPS11, Ham11, JK12,
Jan15b, KiMM13, MW10, Mis15, Mis16, Mis19, RLCMRT10, vdHKvL18].
Clustered [RF18]. Clustering
[AKL18, FL18, GO13, MS10, SBS10b, dVO15]. Clustering [Sha12].
Clusters [AM10, Car11, ELO11, FL16a, HvdHH14, PSH17, RT17b, Xue16b].
CMV [Ong14]. Coagulation [Aza11, Lau18, MNV11, NV14, NTV16, Thr18].
Coalescence [CRTZ13, DS16]. Coalescent [dMS17a]. Coarse
[Ark10, BHS13, BTV14, Müll1]. Coarse-Grained [Ark10, BHS13, Müll1].
Coarsening [DEK+15, IPP14, NC10, Sme18]. Cocktail [HHT15]. Coecycles
[BGLZ19]. Coddington [ABJ12]. Coefficient [YH14]. Coefficients
[BGN16a, BM12a, Coh09, Coh10, DMY13, Gal17b, HHV16, JPV18].
Coexistence [AT18, BNTH16, EL12, LN11, Car11]. Cohen
[BCHIM12, For11, FP11]. Cohen-Type [FP11]. Cohesive
Coin-Dividing [Yam13]. Coins [XY13]. Collaborative [YK13]. Collapse
[BDG+14, MRCJ18, VCT11]. Collective [Bou13a, CDG+15, Cha15b, FW15,
Gup16, MMST13, MG17, MPM17, OV15, PSVG18]. Collective-Density
[MMST13]. Collinear [SSR12]. Collision
[BV16, Ber18, BG12, CE14, Moh17, PF17]. Collisional [LZ10a, Tri17].
Collisions [BLT11, HKR16, He14, HR18, Huv12, LSY18, MCK15, Tak15].
Colloids [DOGK16, San18, SGL15]. Colonel [HZ13]. Colonies
[BNXL11]. Colonization [MRCJ18]. Color [FL18]. Colored
[AEG14, GG11a, HMW19, LL19, NL11, ZW10]. Colored-Noise [GG11a].
Column [CCFR18, SLM12]. Columnar [GHS17, NKR15]. Comb [Cla13].
Combination [dILP11]. Combinatorial [BS11, Bar12, LO18].
Comment [MGZ14, Tho12]. Commentary [MSV13]. Comments
[Sha10, Tak10a]. Commitment [Mob13]. Committee [Nei12]. Common
[CLTC15]. Communication [PKDK13, dHNT11]. Communities
[AFS+13, ARS17b, GPSB18, KP18]. Community [FW17, Mon15].
Compact [CMO18, ELO11, DMS12]. Compacting [SLM12]. Companies
Comparison [Ark10, Kra16, RvH14]. Compensation [DK10, KE10].
Competing [AEWI14, FL12]. Competition [BFP+14, FAM13, Hal17].
Competitions [BNNHR13, Rad17]. Competitive [LYZ11]. Complete
[ABFP15, GR12, XP17]. Complex
BAC13, BNTT16, BVL16, BCF10, BDY17, BLS17, CVE14, For13, FW17, GvdHdHM18, HHT10, Kat12d, Kie17b, LBW+13, LT10b, Mac10, MBC+13, PPK11, Rab11, SZ18, Sta11, TWT14, Tho12, AFI+10, For11. Complexity [AC14b, Bon15, HBC+15, KBLL13, MB18, WLL11, SN13, Mac13].

Consequences [BC19]. Conservation [BBC18, GS11c, GW15b].
Conservative [BO14, BFNZ11, HHM17, IOS10]. Conserved
[FSV10, Sim10, SS15]. Conserving [BD16a, GDL10, Lau18, RMN15].
Considering [HMRW13]. Consistent [Bha15, MOTT14a, Sch10, KT12].
Constant [Bot18, MTVU18, Mot14b, NV14, Yuh15]. Constant-Length
[MTVU18]. Constants [CS19, GP10, GLBP12].
Constraint [BBH11, Tid16]. Constructive [BMR10].
Constructing [CLP17]. Construction [BBH11, Tid16].
Constructive [BMR10].
Continuous-Time [DD15, Kar10, MC17b, MGMMP13, MC17a].
Continuous [AM19, AGJP19, BN14, BL10a, BL12, BK17a, BC11, BN15,
CCG14b, CTM13, CMM14, DD15, DMM14, FKK10, IHTX+12, Kar10,
KPZ16, LNT13, LN15, LH13b, MC17a, MC17b, MN14b, MP13, MGMMP13,
Ong14, OO18, PPS16, Fel14, RM16b, SWB10, TM10, WZL+14].
Continuous-Time [DD15, Kar10, MC17b, MGMMP13, MC17a].
Continuous [AM19, AGJP19, BN14, BL10a, BL12, BK17a, BC11, BN15,
CCG14b, CTM13, CMM14, DD15, DMM14, FKK10, IHTX+12, Kar10,
KPZ16, LNT13, LN15, LH13b, MC17a, MC17b, MN14b, MP13, MGMMP13,
Ong14, OO18, PPS16, Fel14, RM16b, SWB10, TM10, WZL+14].
Continuous-Time [DD15, Kar10, MC17b, MGMMP13, MC17a].
Continuous [AM19, AGJP19, BN14, BL10a, BL12, BK17a, BC11, BN15,
CCG14b, CTM13, CMM14, DD15, DMM14, FKK10, IHTX+12, Kar10,
KPZ16, LNT13, LN15, LH13b, MC17a, MC17b, MN14b, MP13, MGMMP13,
Ong14, OO18, PPS16, Fel14, RM16b, SWB10, TM10, WZL+14].
Continuous-Time [DD15, Kar10, MC17b, MGMMP13, MC17a].
Continuum [ANS18, AKQ14, BG17a, BCJP19, BKK15, Bla10, BM12b,
CP16, DH19, FPR11, FKI18c, He116]. Contours [VFT12]. Contracting
[GNP18, PT10]. Contractions [BMT15]. Contractivity [CCH+14, Hau16].
Control [DM11, HH15a, HHT10, KR16, KU11]. Controllability [BT19].
Controlled [MGMP13, ZGL13]. Contucci [Gue13]. Convex [GT16, AMT18, CFG13].
Convexity [KM18]. Cooperation [CAG+13].
Cooperative [BC16]. Coordinate [DG19a]. Coordinates [D'O14b].
Copan [FW15]. Coplanar [BFR19]. Copolymer [dHO13]. Copula
[Naz18]. Copy [GV12a]. Copying [PS16]. Core
[AP14b, HL18, Mie18, MPS14, NZB16]. Corner [YM11]. Corners
[AB18a, CDG12]. Cornuéjols [Mon12a]. Correct [MM16, MM17a].
Corrected [DvLM18]. Correction [Bal18, CGL18, CL16, FT18b,
GPMEA18, Hal19a, Ken16, Pro17, Sam18, SS18b]. Corrections
[CPV10, DR13, DM18b, FF11b, KSH11, LPK13, PT15]. Correlated
[AEK16, ADGPP17, AB18b, Ber14, BCJP19, DD10, FL16b, Leh13, LNS+12b,
LMC11, MK19, O'C12a, RdAB18, Web11, WWKK16, dWL14].
Correlation [Afa16, AVW17, Bao17, BLU16, BL15, Gan18, GRV10, HMW19, Lan13,
Lim16, LMN18, Mat12, NP12, RKGLZ12, Sch10, Sim14, Ste10, VV18].
Correlations [AF16, Bab12, BCM17, CT10, GNP18, GDL10, HH15a,
d [BLS17, KM19b, Ny13, PSS16, SS18c, AB19, BF12, BCF19, BNT13, CAS11, Cor16, DDS15, ESPF14, GDL10, Hau16, Her13, Ily12, JvLS19, Kar18, KT12, Lan10, Li12, LZ11, MN14b, Ost16, Pal11, RT14, RBS16b, RY12, ST14, Sch13b, SH16, SWKS14, Sug10, TJ15, WBP15, dOP18, dWL10, Nak17].

\textit{d-Lattice} [KM19b].

Damage [HTX+12].

\textit{Damp} [ELO11].

\textit{Damped} [BCFS17].

Data [Abr13, ART15, Cro12, Mol17, RBM+18, SWK+18].

Data-Driven [SWK+18].

\textit{David} [Ano19a, Gal17a].

\textit{Deactivation} [TSS13].

Death [CG16, DM18a, DCC18, FKK18c, HK18, LKD12, Ohh14, OPS10, SV15, Sta1, ZHRB16, AF1+10].

\textit{Death-Immigration} [DCC18].

Deaths [MPTV12].

Decay [CJN18, CLL19, CT10, FL15a, GNP18, KM18, KM19b, LWY18, MN14b, PT15, SM14, TA12, dMP12].

\textit{Decaying} [CLP19, GL16a, TJ15].

Decomposition [ADC10, BBS+15b, Mit16, Mit17a, Mit17b].

\textit{Decompositions} [FP11].

\textit{Deconstructing} [RWS11].

\textit{Decorrelation} [Shi15].

\textit{Decoupling} [PR15b].

Decrease [MF14].

\textit{Decreasing} [GPS13].

\textit{Dedicated} [Ano18d, Leb19].

\textit{Deep} [FW17, LTR17, NC10].

\textit{Default} [DPT17].

\textit{Defect} [IvRM15].

\textit{Defects} [Aum15, DG19b].

\textit{Defense} [HHT10].

\textit{Definitions} [HS14b, LS14b].

\textit{Deformed} [GN13, Han15, HDP17, Shc11].

\textit{Degeneracy} [DLY18].

\textit{Degenerate} [BS13b, CA19, LKD12, Yin16].

\textit{Degradation} [NVL11].

\textit{Degree} [GJ18, Kie17b, LN19, Sha12, SST14, vdHvl18, vdHLK18].

\textit{Degrees} [BvdHK19, DGGvdH18, OR19, XY13].

\textit{Delauanay} [AE16].

\textit{Delay} [AGO18, BGT11, Cac14, DG19a, Hol11, HMW19, KKV+11].

\textit{Delay-Coordinate} [DG19a].

\textit{Delayed} [GG11a, MMW16, MG19, Vid15].

\textit{Delayed-Time} [GG11a].

\textit{Delays} [GMT17a, Tou12].

\textit{Delbruck} [KL15].

\textit{Delocalized} [BBYY19].

\textit{Delone} [HHLP17].

\textit{Demand} [GNPS13].

\textit{Deme} [HC14].

\textit{Demise} [GP17].

\textit{Democratic} [Gal13].

\textit{Demographic} [BML12].

\textit{Demonstration} [DP17].

\textit{Dense} [Coh09, Coh10, Els12, HNT18, Klu11, SSB15, SK19, vEdG11].

\textit{Densities} [GLBP12, Tso16].

\textit{Density} [AZ11, BBC18, BGD+14, CFTW15, Coh09, Coh10, CE19, DHR18, DDHS17, DR13, DJRZ11, DOGK16, EF13, FBE+11, FG12, GS17a, Ito19, JK12, KBSM16, KKN12, KNPF19, Kol17, KS14, Kum19, Mac10, Man11, MMST13, Moh17, MFLA15, Nak17, PVC11G, Sam19, Sch12c, SS16, Xue12].

\textit{Density-Dependent} [Man11].

\textit{Dependence} [AG12b, CO17, CRL15, Lee19, PZ15, Shi13, WBL11].

\textit{Dependency}
OC12c, OVC14, PSS15, Tel10, Vau10]. **Diffusivity** [SvHM+11]. **Dilatancy** [AR11a]. **Dilemma** [CA18]. **Dilute** [BP12b, BCPS18, GPMEA17, GPMEA18, GNS18, KCB13, PSAPR12, Yin10]. **Diluted** [KL19, LO18, Pan14, Pan16, VAY+12]. **Dimension** [ALAF18, BRSW15, BBC15, CTT11, CP15b, DJW10, Far15, FSS13, FL18, KS12, LSY18, LSW17, MU18, MSV13, Mol17, MHD17, PS18, PC19, RS14, SdEC11, Shi15, SS15, SZ12, Tzi13]. **Dimensional** [AB14, BELP15, BELP18, BJ16, BBS14, BSW17, BCLL16, BW12b, BNY16, Bis19, Bot18, BLZ14, BD15b, BCM12, CG10a, CL14, CDS19, CNZ17, Car11, CM11, CD14a, CG14a, CTH+11, CL18, CL15, Cli18, CMS13, CLP19, CFG13, CCFR18, CMV16, DHS18, DP15, DF16, DR13, Eini12, Fan16a, Fan16b, Fan17b, FS17, FRT15, FLS12, GG18, GMM18, GMM19, GTP14, Gra13, GG11b, GT15b, HI18, Har11, Hel16, HvdHH14, HTZ12, HA19, HCO15, JP18b, KP12, Ken15a, Kir12, Kol17, KS18, KT17, KM19a, LL16, LLM19, LS17, Miya12, MS19c, MFLA15, MS16, Nak14, Ngu18, ORW15, PF17, PR15a, Pos16, PB11, QLCL16, QP15, RNSD13, RDS15, RBGV15, SML19, Sam17, Sam19, SS17, Tas18a, TF12, TT12, TM18, TW14, Vau10, VB11, VFT12, WX15]. **Dimensional** [WG18, WZIG14, Wu14, XTpXpH12, Xue16b, You17, dCCS19, vEKRS19, AS15, BBdB11, BL19, CMP17, LLJH10, LSBS13, MSV10, SS1sb]. **Dimensions** [AP12, BHNY15, Bal14, BELP16, CFTW15, Cha15a, GOPS11, HMN15, Le13, MW12a, MGAQ1H13, OCM15, Sak18, SH16, Sou18, Tzi18, Yam17, dWL14, vEF12]. **Dimer** [ACH15, AVW17, ACM15, AM18, AS16, BLP18, Ch12, DG11b, FF11a, Fed13, GJL16, Per17]. **Dimers** [BB11, YYZ11]. **Dinner** [Gin14a, Gin14b]. **Diophantine** [dLL11]. **Dipolar** [KL11, LK11]. **Dirac** [BC12, Cla13, PdOC17, RT14]. **Direct** [FD16, RM16a]. **Directed** [AKQ14, ALAF18, BL18, Cal15, CC14, CS19, Cla19, CN15, EL011, IS16, KMTC10, MT17, Sch12a, SB15b, Th16, We16, Wei16, XZ17]. **Direction** [PRD11]. **Directional** [MMST13, MR12]. **Directions** [Gre12, PRD12]. **Dirichlet** [BBP17, Caë10, Caë11, CRY11, GLU12]. **Disagreement** [SLST13]. **Disc** [CRY11, Mar16, Sam15, Sch13b]. **Discharge** [KMKT11]. **Discontinuity** [KC18]. **Discontinuous** [Cal15]. **Discovery** [MSS11b]. **Discrete** [AM19, AYT10, Ast12, Ast13, BK17a, Ber12, Ber15, BV16, Ber18, BCL10b, BW12b, Bla10, BP15, CCG14b, CM14, CG19, DDF15, FS14a, GG1R14, GG18, Ghe10, HIK+18, Kua13, Lie12, MC17b, MR13, OO18, PPS16, PdOC17, RM16b, Shi15, WQ10, WG1E11, Zuc11a, dOP18, vEdG11]. **Discrete-Event** [MC17b]. **Discrete-Time** [CFM14, HIK+18, Kua13, Zuc11a]. **Discretization** [RM16b, ST18a]. **Discrimination** [FAB16]. **Discussions** [Ohk14]. **Disease** [NBB13]. **Disentangling** [SvHM+11]. **Disk** [Gri19, Yan14]. **Dismantling** [BV12a]. **Disorder** [AW18, ARBJ15, BL11a, Ber14, BV11, CHHS15, Cla19, CTT11, DM18a, DR14, EFO11, Fra17a, GHS17, HTX+12, Ito17, KS19, Mia11, NSS12, dAPS11, SZS15].
Disordered [ACL14, BBR12, BF11, CT13, EPS17, GTT14, It016, Lim16, LSBS13, PS18, RdAB18, RSB10, Sep13, WW16]. Disparate [DL17].
Dispersing [LS17, CS10c]. Dispersion [CJW17, Cla13, HM16, Sch15]. Disperson [ABT +14].
Displacements [Cru18, ZSHL15]. Dissipation [AT18, ED15, FGJ14, GH16a, GH16b, JRS15, LLL17, Mac14, PFR13].
Dissipative [ABS12, Ban10, BL10c, CF19b]. Dissolution [Gas16, GW15b].
Distance [CLSW17, JSJ10, Kol14, KMS14, GGP10]. Distances [AK18a, BvdHK19, BJJ +12, CHH +14]. Distant [RW19].
Distribution [Ari11, BNP14, Bec11, CCG14b, CB16, CGR12, Dai17, DLR14, DMP17, FLTV11, Fer18, GV12a, GLU12, HY16, HY17, JS17, Ken16, KMB14, KD19, Lan17, LR18, LR19, Lee10, Lee12, LPS19, MT17, Mar16, NMV11, OCM15, Ost16, PT14b, PSW17, RW14, RZ17, RBGV15, Sch12b, Sha12, SY12, Sim11, TWT14, TW17, ZGH18, vEdG11, vdHLK18].
Distributional [ASA15, DS17]. Distributions [ABA14, AJ19, CTB10, DCC18, DNP17, FC13, FL15b, FK17, HM13b, JK12, LS17, MS14, Ost16, Pir14, REIL11, RT12, ST16b, WK18, YB14, vGRS16, Ast12]. Diverge [LK18]. Divergence [CLL19, TT17a]. Divergences [AvB16, Gal14].
Diverging [OR19]. Diversity [DDC18, HZS11]. Dividing [Yam13].
Döring [Sun18]. Dots [GMT17a]. Double [FS11b]. Doubly [HB10].
Down [CC19]. Drag [Bir18]. Drastic [Gal13]. Drift [BB13, CP10b, CDdS14, HVW12, Kat12b, LNP13b, LQR12, MGZ14]. Drifts [FF14]. Driven [AGGL+16, AM14, ABFP15, ADP14, BL10b, BGL14, BL10c, BDL10, BKP13, BP15, CL16, DLR14, DXZ14, Er18, ELX18, FSV10, GKW12, Grm17, GW15b, HS14a, Hu17, JPS17, KP11, KNS18, LNS12a, LL19, MS11a, MdG13, Mr15, MC10, Pir14, Ply15, PSS15, PST13, QD12, SWK +18, SJS15, Sim10, SH12, VP14, VP15, XLL +15, YBF +17, DNBS10, LH11].
Droplets [MCK15, dHNT12]. Drude [BM11, MP18b]. Dual [TH16, YB14, BCF10, Wan12]. Duality [ACR18, CGGR13, GV10, Gro19, IS11, LM12a, Oh1k0, RS18, vGRS16].
Due [BA14]. Duffing [XLL +15]. Dugesia [CLTC15]. During [OV15].
Dwell [GV12a]. Dyck [HDP17]. Dynamic [AT12, ABF16, BL10d, DK10, EKD12, FMAG11, GOPS11, GV12b, KW14].
LZ15, MM14, PS19, PS11, Sha12, TT17a]. **Dynamical**

[Abr17, ADF18, ABJ12, AFFR17, BW10, BvE11, BJ16, BGP10, BCP11, BP11b, BLT12, BP16, CR11a, CEB15, Col14, DGL16, DS17, DOGK16, EP14, FSV10, FdHM14, Fil16, FF1015, Fra11, Fre14, FFT11, GJMS10, GXL12, GPGA17, GKLT11, Hat13, HY17, Hor16, HS16, IPS10a, JPR14, JM10, Luc12, LFW12, LFWK14, MCG12, Mal12, MNS12, Mih11, MV16, NS12, ORW15, PD17, Sor18, VP14, VP15, VV19, WGI9, WCX+11, WG18, WL13, ZP15, ZP16, dCFC11]. **Dynamically** [MSB18, MM13].

**Dynamics** [ABC10, APZ19, AWM13, AF14b, ABS12, AGP19, Ano15d, AFG12, BBLM10, Bao17, BR11, BCP13, BPP18, BD16a, BKK15, Bir18, BL17, BNT13, BL14, BIM18, BKB17, BSS14, BM16, CT13, Cac14, Cam13, CCG14a, CFL17, CL13b, Cen13, CLS11b, CDC18, CFS18, CNS15, CDS10, CM18, CDL+12, DSS15, DF18, DEK15, DARM+13, DDF15, DK09, DRS18, Dor16, DG15c, DNP17, Eri18, ELX18, EK10, FKK10, FH11, Fri17, GvdHW17, GS19, GNS18, Grm17, Gup16, Hkr17, HKR18, HZ13, HHV16, HE17, Hui17, IPP14, JMH13, JPS15, Kim12, KO15, KM19a, LL13, LN13, LPS12, LH11, Lee19, LZ10a, Lef13, LNP11, LE15, LO17, LL19, ML15, MBGK12, MW12b, MS12a, MG17, MPM17, MT11b, NS12, Naz18, NBB13, OC12h, PL13, PT14a, Per10, PST13, Qia10]. **Dynamics** [Rad17, RT11a, RdAB18, RST16, Riv16, RT15, RM15, RNS13, RDNS15, SML19, SL12, SVHM+11, SGS19, Sim14, SLST13, SG17, Ste19, SK19, SSE15, TZ16, T1C13, T114, T115, WTM19, dHNT11, dHNT12, Ara11b].

**Dyson** [LM13].

**Dzyaloshinskii** [QD12].

**Each** [CLTC15]. **Early** [Mer14]. **Earthquakes** [TGP12]. **East** [ABF16].

**Ecological** [BML12]. **Ecology** [CG11c, PCMM18, SCSS18]. **Economic** [Bar14, Bou13a, DLR14]. **Economy** [Hub13]. **Econophysics** [AFT10, Sta11]. **Ecosystem** [IK17]. **Edge** [BNY16, CFTW15, CP14, DLY18, EP14, FK18a, HF12b, Jan18, PW16, Shc11, Thä11, XP17]. **Edge-Weighted** [DLY18]. **Edges** [CDG12, EH12]. **Edinburgh** [BKPW14].

**Editorial** [Ano18b, FMR13]. **Edouard** [Kar11]. **Edwards** [CGG+11, GdSS11, Wre12]. **Effect** [ADH12, BH11, BGJ15a, BL11a, CE14, CSC11, DKLS19, FY16, GJ15a, HL16, KNK15, Koi18, Kuo15, LNS12b, RESA10, SM12a, WBL11]. **Effective** [Cha14a, CFS18, HGO15, JSJ10, KA17, KCB13, LL13, LS14b, Mi18, PE19, TT12, VAY+12, Zho17]. **Effective-Field** [VAY+12]. **Effects** [AMS19, BP11a, CCD15, CG10b, CR11b, CF19b, DWT16, DDC18, GV12b, HHT15, HRW14, HS10, KT12, LLS13, MB13, NE16, Sum17, SS15, Sha18, TT12, TP15].

**Efficiencies** [LNP11]. **Efficiency** [FJLS18, KY16, LL10, SB15a]. **Efficient** [APdM+18, Cli10, Moh11, Wu14]. **Efficiently** [DP17]. **Ehrenfest** [DD15, Tro10]. **Eigen** [AP11]. **Eigenfunction** [KK14]. **Eigenfunctions** [TV16]. **Eigenspace** [Lan15]. **Eigenstates** [Pro15]. **Eigenvalue** [BP13, EF13, Kum19, Mia11, MP14, Mov16, NT18, Shi16, Wan12]. **Eigenvalues**
[Fre17, GMT17b, GMT17a, Kar12, Krü12, PWZ16, PS14, Shc15, dMPTW16].

Eigenvector [PSC18]. Eigenvectors [BP12a]. Eight [HF12a, KS13].

Eight-Vertex [HF12a, KS13]. Einstein

[ADU17, Ark13, BC12, CL19, Fid15, GMM19, GJ15b, KPS19, LPK13, LZ11, Lu13, Lu14, Lu16, NP12, TTK15, TT17b, UV16]. Elapsed [MQW18].

Elastic [MdSB18]. Elasticity [CS16a, Raz18]. Electric [UV16, dOP18].

Electrical [CZZ13, KMKT11]. Electrodynamics [BDDH14, FS14b].

Elasticity [CS16a, Raz18]. Electric [UV16, dOP18].

Electrical [CZZ13, KMKT11]. Electrodynamics [BDDH14, FS14b].

Elastic [MdSB18]. Elasticity [CS16a, Raz18]. Electric [UV16, dOP18].

Electrical [CZZ13, KMKT11]. Electrodynamics [BDDH14, FS14b].

Elastic [MdSB18]. Elasticity [CS16a, Raz18]. Electric [UV16, dOP18].
Entropy-Based [BCS18, SCSS18]. Entropy-Driven [LNS12a]. Entry [HY16, HY17, LH17]. Environment [AEWCD19, ADGPP17, Ber14, BZ13, BCLL16, CFN15, DP19, DLR14, Hag15, HL16, Ko19, PZ17, YK13].

Environmental [BMC17, DKS18, Kan12]. Environments [AT12, ABF16, BR13, CG17, JMO11, RL11, SGS19, SNE15]. Epidemic [LLS13, PSC18]. Epidemics [BDL11, Gra13, TSS13, WQ10]. Epistasis [WLJH18]. Epitaxial [XTPxH12]. Equal [SC17]. Equalities [HH15b, KNiST15]. Equality [HSZ19]. Equation [AvS16, AB10, Afz12, ACF16, AF12, AF14c, BR10, BL18, BCJ15, Ber12, Ber15, BDL16, BGP15b, BGZ17, BP19, BJM15, BBS+15b, BE16, BD15a, CL19, CJW17, CMW15, CCH+14, CF15, CES19, CIM14, CP10a, Che13, CLMK18, CLL18, CM12a, CL18, CE19, CG17, CHHK19, DLBL11, DWTW16, DRS18, DL10, ED15, FD19, FK11, Gao18, GLM+15, GJ15b, GVJ+18, GW15a, HX15a, HX15b, Hag15, He14, HY19, IS13, JP18b, KP12, KMTC10, KSSH15, KV15, KV16a, KK15, Kra16, KT17, KM17, Lau18, LWR+12, LW18, LZ11, Lu12, Lu13, Lu14, LY16, LQR12, MGZ14, MU18, MN16a, MM16, MM17a, MN12, MD18b, Mi18, Mol17, Mor11, NMY16, NT17, Ngu18, NTV16, PWS17, Pic10, QS15, RT14, RPPF15, RBS16b, ST18a, SWB10, Sha10, Shi16, SVRL11, Tak09, Tak09b, Thr18]. Equation [Tor12, Trip17, VV17, WGLE11, WZ12, WYG16, XTL14, Yan11, Yan15, ZLL13, ZWGM13, dS11, dS13, DS19, Tak09]. Equations [AG12a, AB+17, BC12, BFVZ10, BC19, BLS17, BL17, BNT3, BL13, BM12, BM21a, CCG14b, CLL19, CN14, DGL16, DM10, DX14, FKLL16, FSS13, FRT15, FK18b, FS11b, FS14c, Gd18, GHMR17, HJ17b, Her13, HR18, HVW12, HM19, HP11, HNO11, JMG11, KTJ10, KS13, Kha19, KK14, Kos18, LT0a, Li12, LLL17, LLS17, LW18, LW19, LT10b, Liu15b, Liu15a, Mar11b, MNS12, MNV11, MS10, MM17b, Neu14, NV14, Pav11, Pe14, PR15a, QCL16, RS13, SCY+12, SNE15, Sug10, WXX16, XTPxH12, Zha10c, ZGL13, ZGL15]. Equidistribution [DMS12]. Equilateral [ACM11]. Equilibrated [Mar11a]. Equilibrating [Ku05]. Equilibration [BP11b, DP17, Sor18, Tosi17]. Equilibria [DLR14, Her13]. Equilibrium [AN15, BVL16, BP18, BFL18, BD15b, CL19, CCG10, Dal11, GR12, GS12, GdK10, Hi18, HY19, Hi17a, KJZ17, Ken11, KW15, LS13, LNP13b, NMY16, LO17, Mor15, Nan16, PT14b, RM16a, RV16, Rue14, San13, SY12, Shi16, SVRL11, Tas16, Trip14, TAG10, Wre17, dLSZ16, BGL14, BGN16b, CRS14, CSL19, CRTZ13, Cro12, DF18, Dav11, DG17a, Eva16, Fri17, GL14, GS17b, GS17c, Gor18, Kim12, Kle15, MPTV12, MV16, NE16, PL13, Shu17, SGS19, Ste19, VL12, Zia10, Gou14]. Equipartition [BP11a, BP11b]. Equivalence [CO17, Far15, Fun14, GL14, GdHR18, LS14b, Tas18b, Tou15, Tou18, ZGL15, VV19]. Equivalent [HS14b]. Erased [AKM13]. Erdos [ALS14, DvLM16, IV11]. Ergodic [BMR10, CSM10c, CT10, DM13, GT15a, LM12a, SDL11C, SM14, GS11a]. Ergodicity [BHF+12, BFNZ11, DXZ14, Fer14, GHMR17, LS16b, Mor18, dAPS11, VV19].
**Erlang** [PRD11]. **Eroders** [dSRT15]. **Erratum** [ACL+11, Coh10, FVV15, Fan16a, Fis12, GL17a, Gin14a, GH16a, GS17b, GKLS17a, Gut12, Leb12a, Mit17a, QTD12, SB14b, Sod17, VP15, WFK11b, ZP16]. **Error** [MM13, RST16]. **Errors** [AV16, Aur18]. **Escape** [CNS15, LH17, Mar16].

**Estimate** [Aum15, BS13b, LWW18, Sod11, TV15a, Wid17, Yuh15]. **Estimates** [Aur18, AV16, Aur18, BYYY19, COSV18, MZ19, Shi15, Wil11]. **Estimating** [BBD+11, CGS15, DG15a]. **Estimation** [ABT10, ABT11, ART15, BG11, Cro12, GLT15, HA13, HLZ17, MM13, RM16b, ZST18]. **Estimators** [AG15b].

**Eu** [EFO11]. **Euclidean** [Kol14]. **Eukaryotic** [HCLR11].

**Euler** [BCF19, BLZ14, Her13, Li12, LT10b]. **Euler-** [LT10b]. **Evaluating** [Luc18]. **Evaluation** [Asa13, JSJ10, JD11, SWB10]. **Evanescent** [BGJ+15b, HR18].

**Evans** [BCHM12]. **Evaporation** [CRTZ13]. **Even** [ST16a]. **Event** [AGJP19, MC17b, RBS16b]. **Events** [BLM13, DHS18, GKL11, OMCI11, WFK11a, WFK11b]. **Evidence** [TS12]. **Evidences** [FZ11a]. **Evolution** [AG12a, BAS16, BKK15, BCM12, CCM16, CM18, DKS18, DLR14, Ghe10, GN13, IS17, JP18a, Kan12, KPR18, Ken15b, KL15, KSH11, Lan16, Los17, PSK10, PRSS17, RBM+18, Sch12b, Sim14, Yag16]. **Evolutionary** [CG11c, CAG+13, FK12, HZ13, Hui17, MSB13, OTNN11, Riv16, SK14].

**Evolution** [VK18, JL18, KP11]. **Evolves** [HZS11]. **Evolving** [LPS12, MSB18]. **Exact** [BG12a, APdM+18, ACM15, Asa13, CFTW15, CS12, CS15, CEB+15, DDC18, ES13, Fan16b, Ghe10, Ily16, JD11, JJB14, Jus10, KSST15, LO17, Liu15b, MT17, MS19b, MG19, MS19c, RKGZ12, ST16a, SU13, Sam13, Sco11, SX10a, TC11b, Van17, ZST18, Fan16a]. **Exactly** [BD15a, GG11b]. **Exactness** [Mor12]. **Example** [BGN16b, Bra14, Ein12]. **Examples** [BML12, Coq15, RW12, Ter13]. **Excess** [NT17, YSSH13]. **Exchange** [BJM15, vGRS16]. **Exchangeable** [Jan18]. **Exchanges** [BG17]. **Excitable** [BGTV11, DT18]. **Excitation** [ZYZ+18].

**Excitations** [AN15, BNY16]. **Excitatory** [Vid15]. **Excluded** [Cha15a]. **Exclusion** [AFR19, BMN17, BL10b, Bla10, BW17, CL16, DR13, Eri18, ELX18, FGN14, Kan14, LP16, MPTV11, MPTV12, Mat15, NS11, NVL11, Ngu19b, Pro15, SS10, SJHW11, Sim11, TW13b, TW13a]. **Exclusive** [AY10]. **Excursion** [BK18, KMB14, PR15b]. **Exist** [JLLP17]. **Existence** [BR13, Bra14, BE16, CH14, Coh09, Coh10, LY13, WLY18, SIT15, Zha10b]. **Exit** [BBP17, Dai17, IPS10a, Ken16, Mar16, RS15b, RBGV15, Ryt12]. **Exotic** [MMST13]. **Expanded** [TF12]. **Expanding** [BGN16a, CRV17, DP17, Fer14, GLBP12, JPV18, SB16]. **Expansion** [Alb16, BDY17, CM12b, Coh09, Coh10, FF11a, Fed17, KK14, KiMM13, MCG12, NKR15, Per17, SUG13, Sou18, Tat13, TW14, ZW12].

**Expansion-Modification** [SGU13]. **Expansions** [BFP10, Fed13, GXL12, Jan15b, WZIG14, dLSZ16]. **Expectation** [Fed17]. **Experimental** [KBB19, LKR+11]. **Experiments** [AK16, YBF+17]. **Explanation** [CdlL10]. **Explanations** [dLL11]. **Explicit** [GLBP12].

**Exploitation** [RCV16]. **Exploiting** [CM18]. **Exploration** [BJS17, RCV16].
Explorations [BdL13]. Explorative [Tem14]. Explosion [BPR14].
Explosions [FLP10, FG12]. Exponent [CLTT13, JL17b, Kar14b, ZLL13].
Exponential [BKS12, BCM16, BCCD18, BMR10, BSM+16, Cáê14, CJK18, CLL19, CS19, CG11b, Chu16, CGN16, DLY18, DXZ14, Goo12, ISZ16, Tri14, Yin13, Yin16, Zhu17, dMP12, Yar14]. Exponentially [RVY18].
Expression [MBG12]. Exponents [AP12, BPP18, Bou13b, BPRT14, ESPP+14, For13, GM13, HL16, Mol18, ORW15, PSAPR12, Wu18, XTL14, dLOP11]. Expressing [HL14].
Extending [Luc18]. Extension [AW18, HT11, MN14a]. Extensions [GKLS17a, GKLS17b, MSZ12]. Extensive [CMS13].
Fast [AGMM+12, BC14b, BGTVE16, CM18, DSS15, Gao18, Har11, LL13, LKD12, Pir18b, SS11a, TM10, dSLPV17]. Fast-Variables [CM18]. Fate [FG14].
CLMK18, CFS18, ES13, ES12, Els15, HT15, Mar11b, Mat12, MFLA15, MvS19, NE16, PM17, RM11, SBK10a, TLD18, dZS11, dZS13. **Flows** [BM18, CVE14, DM10, DMS17b, Es17, GL14, HPF15, PT10, SSB15, VB11, VFT12, YKS16]. **Fluctuate** [HiS18]. **Fluctuating** [BM18, CVE14, DM10, DMS17b, Esl17, GL14, HPF15, PT10, SSB15, VB11, VFT12]. **Fluctuations** [ANSW14, BKS12, BCJ15, Dal11, Fan16a, Fan16b, Fan17b, FS17, GLML16, GLM16, HP11, HT11, KID11, KL11, MS19c, Per10, PPK11, Sam16, Sam17, SM14]. **Fluid** [BT14, BC12, CLMK18, DDF15, FBE11, Gri19, Hon19, KA17, LT10b, Mat12, MvS19, RM16a, TT17a, TN18, Xue15, ZL19, dZS11, dZS13]. **Fluid-Dynamic** [TT17a]. **Fluorescence** [BL15]. **Flux** [GPMEA17, GPMEA18, PS11, Ren18, ScCdP11]. **Fluxes** [HHT10]. **Fock** [CR11a, FK11]. **Focusing** [JP18b]. **Fokker** [JL17a]. **Four** [BSW17, Cha14a, Cli18, FL18, HKW11, Sch12b]. **Four-Dimensional** [BSW17, Cli18]. **Four-Point** [HKW11]. **Fourier** [GDL10]. **Fourth** [AF16, Sam19]. **FPU** [CP18, MBC14, MMA15]. **FPU-** [MMA15]. **Fractal** [DD10, EN18, RS14, SH16, VFT12]. **Fraction** [BFK10, ZB13]. **Fractional** [ALM18, Ara11a, BK17b, BBC15, BL17, CP12, CJW17, CWD17, GOP14, GLT15, GoSS11, Kaw16, LLL17, LWL12, LCZW15, LQR12, MS12a, Mit16, Mit17a, Mit17b, Mol17, Mol18, OPS10, OD11, OP12, RESA10, ...

G [Gin14a, Gin14b, Sz12, We14]. Gallavotti [BCHM12, FP11]. Galton [BGMS14, BZ13, SL12]. Gambler [LS16b]. Gambling [HH15b]. Game [BL11+13, GP16, HZ13, MS13, SC10, CA18]. Games [AP19]. Gamow [CH11]. Gap [BS13b, BNY16, CCG14b, CLSW17, GVJ+18, NS11, PS14]. Gapless [Tan18]. Gapped [BN14, JV19, dWL10]. Gaps [ Bios19]. Gas [AP14b, BGN+17, Ber12, BDY17, BCKL12, CLS11a, CG10a, CR11a, CSC11, CP10b, Coh09, CPSV10, CFL19, DP17, DM10, Det12, DFL17, FSV10, GPMA17, GM10, Jan15b, Ken10, Koi18, KM19a, Kuo15, MS19a, Moh17, MP13, NSI19b, NKR15, Pir18b, RNDS13, Sch13c, ST18b, Sim10, SH12, Sor18, TH12, TFK15, TV13a, TAG10, TA12, YKS16, ZDG19, dLP14, Coh10, GPMA18]. Gas-Particles [DM10]. Gaseous [NE16]. Gases [AB19, Bec10, BP11b, BFP10, CP14, CF19a, CIM14, Fur15, KNSS18, MS14,
Gasket [JY18, Mis15, Mis16, Yam13]. Gate [Hep18]. Gauge [dWL14, Yam14]. Gauss [TM10]. Gaussian [JY18, Mis15, Mis16, Yam13].

Gate [Hep18]. Gauge [dWL14, Yam14]. Gauss [TM10]. Gaussian [dWL14, Yam14].


General [AB19, ABA14, AF12, BCL10b, CZZ13, CV16, CNS15, EF13, GQ17, Ito16, JJ12, KL15, KS13, LS15a, LFWK14, MW10, MQW18, Miy13, Pav11, PR15a, Ras11, Tas18a, YBF+17]. Generalised [AT18, AFCA16, BLS11, BBH11, BP11b, BYYY19, CGS15, CCEF10, CS15, CC19, CL18, DvLM16, FLTV11, FS11a, FH11, GH16a, GH16b, HKR17, HT15, Ho16, JL17b, KK15, KLMP18, KS18, KM17, Lan11, LPS16, LW19, Liu15b, Mis19, Ngu18, PPS11, Rue16, SX10a, SVRL11, VV17]. Generalizing [DO14a]. Generate [Cie17, Lep15]. Generated [FKR12, Jav15, Ong14]. Generating [Moh11, RS18]. Generation [ACM11, MS11b, TJ15]. Generator [Gou15]. Generators [RT17b].


Gimsdorff [MN15]. Glass [BLW18, Con18, Fyo19, Har11, Pan16, Par17, Wre12]. Glasses [AD11, ANSW14, ANSW16, BS16, Cas14, CMS13, Har11, Mac13, SN13, Gue13]. Glassy [AB17, dCFC11]. Glassy-like [dCFC11]. Glauber [CDL+12, EKD12, Jus10, KO15, MW12b, SG15]. Global [Aur18, CDCL18, Ch14, CN14, DFL17, FL15a, FN13, HW15b, LWY18, LRL17, Zha10b].

[AP14b, Bae11, BT14, CFLV19, Fan17a, HL18, MGAPQH13, MdSB18, Mie18, MPS14, NZB16, NKR15, QLCL16, RG17, RM16a, Sim14, Tri14].

**Hard-Core** [AP14b, HL18, MPS14, NZB16].  **Hard-Spheres** [Fan17a].

**Hardcore** [MS12c, RK12].  **Hardy** [FVV15, FVV14].  **Harems** [OV15].

**Harmonic** [AGR19, Art19a, BO14, BCFS17, BJIP17, BKLL12, BR13, Fid15, GS11b, GLBP12, JPS17, Luk14, LMN16, NSS12, PZ19, TZ16].

**Harmonically** [Bur11].  **Harnesses** [BW17].  **Harper** [JL17b].

**Harris** [CG13].  **Hartree** [CR11a, CLS11b, DRS18, FK11, Lee19].

**Havlin** [For11].  **Heat** [Bar16, BBR19, CP10b, CDS17, CEGW18, DDN14, DG17b, FGP15, GPMEA17, KNI11, KOSV18, LZ10a, LY13, LNY16, Los17, MN14a, MGMP13, MS11b, Nán16, ST11a, SS19, Tay17, WZ14, vHL13, GPMEA18].

**Heat-Bath** [CEGW18].  **Heat-Type** [KOSV18].

**Heated** [FCK15].  **Heavy** [AHDV17, Ast12, FM18, Ká16, Nán11, Pir14].

**Heavy-Tailed** [Nán11, Pir14].  **Hedging** [CC18].  **Hegselmann** [WLEC17].

**Height** [CC19, Chh12, CN13, DG15b].  **Heights** [dHNT11].  **Heilmann** [Alb16].

**Heisenberg** [AGR19, BU18, CG12b, FL16a, HA19, KM13, MD10, OK14, QD12].

**Heitmann** [DF17].  **Helmholtz** [MMSY11].  **Helmholtz-Potential** [MMSY11].

**Help** [Sch15].  **Hénon** [Tak16].  **Hénon-Like** [Tak16].  **Herbert** [Ber19].

**Herding** [BCKY19].  **Herds** [OV15].  **Hermite** [ST18a].  **Hermitian** [Afa16, BBLP12, BBLP13, Kozi17, PMC15, PS14, Wan12, YB14].

**Heston** [AG15b].  **Heteroclinic** [CEGW18].  **Hetero-Potential** [MMSY11].

**Heterogeneity** [JMH13, LLS13, Zho17].  **Heterogeneous** [APZ19, ARBJ15, BPF14, KA17, LKR11, PSVG18, RT17a, RG18, Toul12, WZ14].

**Heteropolymers** [Ark10].  **Heteropolynomial** [CS19].

**Heteropolymers** [Ark10].  **Heuristic** [DARM13, Kie17b].  **Heuristic-Based** [DARM13].  **Hexagonal** [GL16b].

**Hidden** [AG15a, HA13, MSS11b].  **Hierarchical** [ACL14, BGJ15a, CBG14, Cas14, CG16, Cla19, CG13, GI15a, GdHZ19, GO11, Ker13, Pos16, SSE15].

**Hierarchy** [CIM14, DARM13, Fre14, GS12, Mas16, OV15].  **High** [AB19, AD14, BCM10, BS16, Cla19, FBR19, HvdHH14, KNPF19, Mar18, MFLA15, NT18, NKR15, OCM15, PZ17, RBM18, SH16, TM18, Wei18, WG18].

**High-Activity** [NKR15].  **High-Contrast** [PZ17].  **High-Density** [KNPF19].

**High-Dimensional** [HvdHH14, TM18, WG18].  **High-Order** [FBR19].  **High-Temperature** [Cla19, SH16].

**Higher** [CM11, Gao18, HDP17, KAW16, KOSV18, MU18, Sch10, SLdEC11, WLJ18].

**Higher-Order** [CM11, HDP17, KOSV18, WLJ18].  **Highlights** [TM18].

**Highly** [CCP16, CDS13, EF18, Kuo15, Per10, RF18].  **Highly-Clustered** [RF18].

**Hilbert** [WK18].  **Hill** [Ano12a, Ano12b, Ano18a, Ano19a, Ano19b, Leb12a, Leb12c, Leb13b, Leb13c, Leb14, AB10].

**Histogram** [Koi10].

**Histories** [EK10].  **Hitting** [ACG15, BLM13, CNZ17, DMS17b, LS16b, MS19b, NZB16, RT15].

**Hofstadter** [EGR14].  **Hohenberg** [Hal19a, Bri19, Hall19b, Leb19].  **Hölder** [Pir18a, TM10].

**Holes** [LN13a, Mar16].  **Holographic** [GLB14].

**Holomorphic** [DMS12].  **Holstein** [Miy12b, Miy16a].  **Homoclinic** [MT16].
[Han18]. Ito [SCY+12]. IV [BS15f]. Iyetomi [Sta11].


Learning [AK16, DFF18, LTR17, Nei12, OCM15, SGC11, Mon12a].
Lebesgue [BW10]. Lebowitz [Ano18c]. Left [AFR19, Hen12, IP12].
Left-Passage [IP12]. Left-Permeable [AFR19]. Left-Right [Hen12].
Leidenfrost [PKBW19]. Lemma [AP14b]. Length
[CFMT17, CG12a, ELO11, GL13, Ken12, KSH11, MTVU18, MS14, NiS19a, NP12, Sep13, Thäi11, WBL11, ZL19, Zho17, Zho18]. Length-Scale [WBL11].
Lengths [BFL18, Caé10, GLU12, OBX11, Sha12, Wen12]. Lennard
[Cam13, CVE14, FC17, MPS14, Yuh15, dLP14]. Lennard-Jones
[CVE14, FC17, MPS14, Yuh15, dLP14]. Lennard-Jones-
[Cam13]. Leo
[Weg17]. Leonard [Gou14]. Letter [Ano18c, HM13a]. Level
[BC15a, IM16, Nak14, Per13, Sug10, WL13]. Levels [Tou15, YS13]. Levelset
[BM17]. Leveraging [BMC17]. Lévy [Abr13, AM14, BCLL16, BP15, CTT11, GW15b, IPS10a, LL19, MSZ12, XLL+15, XD18]. Lie [Gro19, HKR17, Ohk14].
Lieb [Kie11, Alb16, Buc16, GL16a, IST12, LS16c, Täs18a]. Life
[SC10, Sta11, AFI+10]. Lifetime [LMM16]. Lifetimes [SW11]. Lifschitz
[BBW15, CN14]. Lifshits [KKR18]. Lifshitz [BS11, BN15, FH11]. Ligand
[FAB16]. Light [CP10b, Lia18]. Like
[AP18, BCHM12, Bra14, CN14, Fre16, GL16a, Kac13, Kie14, MPL+16, SL12, CQR2, Han13, KSSH15, Lef13, MW12a, dFCF11, Tak16]. Likelihood
[AG15b]. Limit
[AM19, AF14b, AT18, ABA14, AVE16, BG17a, BL18, BPZ13, BF10, BNP14, BP11a, BGMS14, BGJ+15b, BCF17, BCF19, Bha15, BIM18, BSS14, CG10a, CCEF10, CMGP14, Cha19, CL16, CR11a, CF16, CGY17, Chu16, Cla19, Col14, CFP10, CGR12, DG17b, DGP15, DF16, DSZ17, DS17, DOR15, Els12, Er18, FS18, FKKO15, FL14, FT19, FG11, FS11b, GGvdHP15, HKN16, HNVZ13, He14, HR18, HVHVE16, HNT18, Hor16, HK18, HVW12, HMW19, JRS15, KKL15, KKS19, KS12, KY13, Kur18, LLM12, AK18, LS14a, LWL+18, LVE19, MU18, MBC14, NSV12, Ngu18, OR15, PC19, PS17, PST12, RVY18, RE13, Sha12, Sim10, Sta15, Sun18, TWT14, Tos16, Tzi18, Vau10, Wrel10, Xue15]. Limitation
[Rab11, Tho12]. Limitations
[Hal19b, LKR+11, TM18, Hal19a]. Limited
[CC19]. Limiting
[ART11, BP12a, BGN+17, CFN15, DMP17, FK18a]. Limits
[BB14, BJS17, BCCD18, BP16, CCP16, Coq15, DO15b, FC11, Fra17b, HNZ16, IY14, Ken11, KV17, Tel00, Tou12, tWBOM16]. Limping [ZF11].
Linda [Täu10]. Lindblad [AFG12, CM12a, Gou15, MM17b, Pel14, RS13]. Line
[Bve11, BBD+11, CDH15, JLI7a, Lie12, LN11, NT16, QR13, TW13a]. Linear
[ADF18, BBMW10, BPZ13, BC19, Des11, DJRZ11, DL12, GMT17b, GMT17a, GLT15, HZ17, He19, KK16, KS12, LNP13b, LNS+12b, Luc18, MT17, MN16a, MC11, Ohk14, OPS10, PWZ16, PMC15, PS15, SG15, TA12, WFK11a, WFK11b, WG18, ZWGM13, BCF17, GS13, IPS10a, LWY18]. Linearised
[ST18a]. Linearized [Ber15, Che13, Dud13, LWW18, LY16, Sha10, Tak09, Tak10a, Tak10b, Tri17, Wu15]. Lines
[BW18, CSL19, CTH+11]. Linguistic [Ero14]. Liniger
[Buc16]. Link
[Luc16, TSS13]. Linking [Mar11a]. Links
[AK14a, BH11, JZ10]. Linnik

Matter [BDG14, Kie11, RS19, SB15a, LS10]. Matters [TQS12].
Mattis [Tas18a]. Maxima [FLT11]. Maximal
[HL18, KMS14, PST12, RGL11]. Maximizing [Lep12]. Maximum
[AG15b, DJRZ11, FL16b, HA13, MN16b, MDP+18, OCM15, Ost16, PCM15,
SP18, Tay16, ZST18, vdHLK18]. Maximum-Entropy [ZST18]. Maxwellian
Maxwell-Type [Kuo15]. Maxwellian [HWY18]. Maxwellians [HX15b].
May [Ano12b, Ano18a, Ano19b, Leb12a, Leb13c, Leb14]. Mayer
[Jan12, dLP14]. McGregor [Hui18, JL17a]. McKean [CP10a]. MCMC
[BSM16]. McMillan [BMSS13]. Mean
[ACM15, AM18, AKL18, BG17a, BGL+11, BGP10, BCF17, BCF19, BR16,
BS16, BP16, BGN16b, BIM18, BV15, CHHS15, CGY17, CFS18, CDS10, CR16,
CDL+12, DvLM18, DPT17, ELO11, FC11, FMM+15, FKR12, GRT17, HKN16,
IK10, KSH11, KM13, KN16, KOT11, Kra16, LS16a, Lan15, MNS12, MLCPS13,
Mor12, PK10, PRS17, ST18b, SB16, Sta15, VYH11, WGEL11, ZDG19].
Mean-Field [AM18, BG17a, BR16, BS16, BGN16b, BIM18, CHHS15, CR16,
CDL+12, DvLM18, FC11, FKR12, KM13, KN16, KOT11, Kra16, LS16a,
MNS12, MLCPS13, Mor12, SB16, IK10]. Mean-Field-Type [WGEL11].
Means [BVL16, LS13, Mol14, PSS12]. Measure
[ACh15, BK15, BR13, EHR12, FL13, Fra11, HWZ19, KM19b, MWYL6,
Per13, PSS12, PZ19, QLCL16, RW14, Shi13, Sod11, Tou15]. Measurement
[AV16, Leb13]. Measures
[ALS18, ASA15, ART11, APR15, ADC10, AC14a, AF14b, AFGL15, AP18,
ALS14, BFKR10, BPS12, BL10b, BGL14, BF12, CRC17, CG14b, CLP17,
CT10, CQ15, CRL15, Det18, FO18, GLO10, GRR17, GKL17b, GBL16,
Han13, Hay15, HS14a, Lai14, KMS19, Kie17b, KRR14, LNP13a, Lep12,
Madder18, MT16, Mih10, MU13, MU16, MSLT16, Pan14, Pan16, RvH14,
RS18, SL12, She15, Th16, Tid16, Tou18, Var12, Yoo10, You17, GKL17a].
Measuring [IK17, ZF11]. Mechanic [Kie13]. Mechanical
[Ero14, GDL10, Lia18, Liu18, NiS19a, RY12, WG19]. Mechanics
[Ano11d, Ano11e, Ano12a, Ano12b, Ano15a, Ano16a, Ano18a, Ano19a,
An19, Bae11, BFFS16, BC15b, BG19, BJ17b, CdL10, CM11, CG11c, CTT11,
Dym15, FC11, FCK14, Gal15, GS17c, GT14, I1S15b, K15, Leb10, Leb12a,
Leb12c, Leb13b, Leb13c, Leb14, LBB15, MSL11b, RV16, Re14, Re17,
TW17, XZ19, ZHZ15, Zia10, ba12, de12, LS10, Pel11, GS17b, Kie11, Kie17a].
Mechanism [BG12, BD15b, Goll10, KKV+11]. Mechanisms [CA18]. Media
[ACCG19, BdlL13, BR+19, CMLK18, GHS17, HS10, Luc17, MBWC16,
NG10, RT17a, SJ10, ZHL15, dLSZ16]. Mediated
[BGL+11, HS10, RBG12]. mediterranea [CLTC15]. Medium
[BFM10, CR11a, SH12]. Meets [BB17]. Mehran [Ano19a]. Melt
[FT19, Sak12, Sch11, Yag16]. Membranes [AN19, CF16, UK16].
Memoriam [Ano15b, Ano16b, FvB14]. Memories [GH16, Mer14, Mer19].
Memorized [WZL+14]. Memory
BLZ14, BV15, BFL18, BDL11, BBK17, CA19, CJN18, CR14, CG15, CC18, Can17, CE12, CSL19, CP18, CMTM13, CMV11, CMP17, CDG+15, Cen13, CS15, CCD15, Cha19, CHHS15, CGY17, Che18, Chh12, CL18, Chu16, CRS12, CMM16, CDS10, Col14, CR16, CF19b]. **Model** [CGHT16, CEGW18, CS16c, CPS19, CRTZ13, CGG+11, CLP19, CP15b, CMSV18, CdLS13, Cra11, CDL+12, DSS15, DNBS10, DM11, DFR14, DHL+17, DO18, DH19, DR14, DvLM18, DD15, DPT17, DLLX16, Dd15, DGGvdH18, DP14, Ein12, ESPP+14, EC11, EK10, Eva16, FKL16, FSV10, FBR19, FKKO15, FL16a, Fri17, FW17, FAM13, Fyo19, FMMP18, GR12, GL14, GJ15a, GL13, GRS12, GRR13, GHR13, GRR17, GMI18, GMM19, GOPS11, GDL10, GNS18, GGvdHP15, GP16, Gor18, GV15, GL16b, GoDSS11, GV12b, HR16, HMR16, HK17, HK19, HM17, HF12a, HI18, Hal17, HTX+12, Hau16, HMM15, HNZ16, HE17, HS18, HMRW13, HW13, HY19, Ily12, Ily16, IS16, Ito18, IPP14, JRS15, JYZ11, Jin18, JL17b, Jov17, JJ12, JJB14, Jus10, KLM13, KID+11, KPS19, KE10, KNPF19]. **Model** [KMS19a, KM13, KN13, KK16, KV16b, KZ16, Kot11, KS14, KY12, KT17, KR15, KRK14, KS18, KiMM13, LH5+19, LL13, LN13, LS16a, LL16, LL19, Lan10, LU19, Lec12, LY13, Lia18, LS16c, LN11, Lim16, LMC19, LO17, LT0b, Lis17, L1N18, LNP19, LY12, LV11, MOW11, MD10, Man11, MN16a, Mar18, MW12b, Mas13, MM16, MM17a, MSS15, MM12, MS12b, MG19, Mi18, MQW18, Miy12a, Miy12b, Miy16a, Mob13, MLCPS13, Mor18, MT11b, MR12, MS11b, MBC+13, NT16, Ngu19b, Nig15, NE16, Ny13, OK14, OEA18, PT14a, Pan12, PK10, PF17, Pat11, Pat17, PC19, Pir14, Pir18b, Pos16, PFR13, dAPS11, PSS16, PW13, RR12, RVB16, RESA10, RS15b, RG18, SML19, SG15, Sak12, Sdl18, SdlPRA16, Sch13a, Sch12b, Sch13b, Sch13c]. **Model** [SLM12, SY12, SS18c, SX10a, Sim10, SM12b, SB15b, SSB14, Sun18, SV10, Tak15, TN18, TT16, Tan18, TN13, TM18, Tos17, TW14, Tro10, UK16, VAY+12, WGL11, Web11, WK18, Wei16, Wei18, WZ14, W14, Wu15, Wu18, WLL11, XZ19, Yagi16, YY10, Zhai12b, ZMD+19, Zoc18, vGRS16, AB14, SZ18, SB14b, Con13]. **Modelling** [IK17, DNBS10, FD11, FC17, FAB16, Grm10, JMSW13, JMH13, Naz18, OV15, RCM+18, SZ15, SK19, WQ10, ZDS11]. **Modelling** [GLM+16, KR10]. **Models** [AE16, ABMP16, AK18a, AK14a, AMT18, AG15a, AP11, ACL14, Ark10, AC14b, AJ19, BHYN15, BELP15, Bar12, BL11, BDG+14, BV16, Ber18, BTF10, BCCD18, BR16, BCL10a, BNY16, Bis19, BC10, BU18, BD17, BdlL13, BGZ17, BHMGM13, Bou13a, BN15, BPI11, BG17b, BSM+16, Cac14, CdlL10, CGGR13, CGRS16, CEL+18, CBG14, Cas14, CCI9, CP17b, CFMT17, Chu18, CV16, CD17, CvELR18, CG13, CDV17, Cra13, Cug17, DG17b, DP15, DARM+13, DGL16, DF10, DvdHH10, DGvdH10, DG15b, DHK11, EHR12, FS14a, FC11, Fed14, FF11b, FK12, FK18a, GLM+15, GT17, GdK10, GRV11, HKL19, HA13, Han11, HM13b, IK10, IM16, IL13, Ken10, KSH11, KN16, Kir12, Koi10, KL19, LR19, LS13, LPS16, LBW+13, LNY16, LXHAA19, LY10, LSW17]. **Models** [LM12b, MS11a, MPL+16, MSV10, MW12a, Mas16, MSS11b, MN16b,
MM17b, MS16, Müll11, Nat16, OVC14, Ols14, OR16, PPS16, Pan14, Pan16, PCMM18, PSAPR12, RY18, RRW11, RP12, RT17a, Riv16, SS11a, SP13, STBT10, SWK+18, SCSS18, Tau11, Thi16, TBD13, Tur13, Wan12, Xue12, Xue15, Yan14, ZDG19, Zhu17, vEKRS19, vdHvLS18, MSV13.

Moderate [CLL18, Fre15, LM12b]. Moderately [Coh09, Coh10]. Modern [Dyk14, Tae10, Rei09]. Modes [BDES19, LL10, MPM17, RG17].

BCW13, BT11, BC19, FDR12, IPS10a, She15. Multilayer [FK10].
Nicolai [Mor18], Nigel [Ano19b], NK [HSFK18], NLS [JP18b]. No [PS10b, TK16, CE14, DLS10]. No-Go [TK16]. Noble [Mo14]. Node [GVJ+18]. Nodes [Kle13]. Noëlle [Des11]. Noise [AM19, Abr13, AEWCD19, BO14, BG15b, BML12, BGT11, CTM13, DP15, FDR12, Fyo19, GS11b, GG11a, Gou15, HWW12, HM19, ILOS10, IPS10a, KSS15, Le13, LL19, Mal12, Ngu18, NML+11, RBM+18, RBS16b, Ryt12, ST11b, Ste19, Wil10, XJZY13, XLL+15, YBF+17, ZW10, ZY+18, ZWGM15].

Noise-Induced [HVW12]. Noises [BKLL12, LNS+12b]. Noisy [Cac14, FW12, GT11, MM13, Mi18, WLEC17]. Non [ABMP16, AMT18, ASA15, AD15a, AC14a, ART15, Bao17, BHS13, BM11, BGL14, Ber12, BCF17, BTV14, BC10, BGN16b, Bra14, CRS14, CSL19, Car11, C14, CYZ18, CCGT10, Coh09, CRTZ13, CFG13, CE19, Cro12, DF18, Dav11, DG17a, DMS12, DMP17, EHR12, Es17, Eva16, FL15a, FBR19, FS14b, FdHM14, FvdH13, FFT11, Fri17, GL14, GLML16, GS11a, GT16, GDL10, GS17b, GS17c, GS13, GBL16, Gor18, Gre12, Ily16, IM16, IPS10a, KSS15, Ken19, Kim12, Kle15, Koz17, KS18, LS13, LS16a, LNP13b, LBW+13, LWY18, LPS19, LSB13, MPTV12, MP18b, Moh17, MV16, NE16, OPS10, PL13, Pel14, RL17, RW12, Rue14, Rue17, SML19, SSR12, Sam17, Sam18, SL15, SZ15, SGS19, Ste19, TP15, Var12, Vd15, VL12, VV19, Wre17, Zia10].


LE15, LY10, MN14a, Mae14, MOT14a, Mon12b, RC17b, RBR11,RY12,ST11a, SB15a, TN13, Tur13, VV17, WES11, YSSH13, ZBVE11.


Paradigm [Sch11]. Paradigmatic [Bre14, MiS18]. Paradox [Pet10].


Parity [HMO12]. Parking [FK10]. Parsimonious [Ny13]. Part [Ker13, Wan12, dSRT15]. Partial [AKM13, Art11, BZP13, CF16, FF10, FJLS18, GHMR17, Ras12, GMT17a]. Partially [CGL12, DF10, SB15b, Vau10, dSLPV17, dWL10]. Particle [Bae11, BNTT16, BNP14, BHF+12, Bur17, CJW17, CMGP14, CF11, CG14b, Chui6, Cla13, CD14b, CDP17, Cor16, DF18, DF17, FF10, FF11c, FL18, FG12, FW12, FLS12, GRV10, GS11c, HKN19, Hai15, HL18, KK15, KMS15, Kua13, KM19a, Lee11, Lia18, Lui14, Mar15, MSS15, MBWC16, Moh17, Ngu19b, Ohk10, Per10, Ren18, RE13, RS13, RNS13, RDNS15, VW18, Vien6, Yar14, KN13, Lee10].


Path-Integral [CSC14]. Pathogen [KKC12]. Paths [BIP11, CBT10, CB16, DP19, Ghe10, HDP17, KS14, Nak19, PST12].


Percolation
[AB18a, AD15b, APS12, AHDV17, Ami10, AF14a, Aza11, BCM10, BW12a, BH11, BS15b, BP12b, BM17, Cal15, CG11a, Car11, CS12, CC14, Cha12, Cha14b, Cha15a, CS16a, CG14c, CMM16, CQR13, CdLS13, DHS18, DD10, DO18, DRCV19, ELO11, FPR11, GMM18, GMM19, Goo12, GHS17, HTZ12, IP12, IvRM15, KV16b, MSV10, MSV13, Mis15, Mis16, Mis19, Mot14b, Nak19, PR15b, RZ17, RT17b, Sak18, SS17, SS18b, STBT10, Sch12c, Tag15, TU17, TVP13, TV15b, Tzi18, ZB13, Zhe13, dCCS19, dLPS15, vEF12, vEdLV16].

Percolations [RS14]. Percolative [AP18]. Perfect [DFR14, GGP10, GLO10, SL12, SP13]. Periodic [ALS18, BdSPMS14, BCKL12, Bra14, BC17, CG10a, CL13a, CL13b, CN11, CD14b, DM18a, EK10, FS14c, Gri19, GO13, JPS15, LPK13, MBWC16, PZ17, Pro15, Sdl18, ST16b, WG19, dOP18, BdlL13, DG14, KMS19b, dLSZ16].


Perspective [Bak10]. Perspectives [Con10, CMS13, Gue13]. Persuasion [Mob13]. Perturbation [CMV11, Fan17a, Ito19, LK14, O’C12a, SS18a, SW15, TZ16, Wil10]. Perturbations [Abr17, BJ16, BM12a, CF11, CEB+, CFG13, Dod15, FH11, FW12, Fre14, Fre16, Koz17, Luc12, RdAB18, dOP18]. Perturbative [BB15a, BGN16b, DG14, dLSZ16]. Perturbed [ADF18, BLT11, DN17, EN18, FF14, GM15, IPS10a, Ito19, PS10a]. Pesin [BSV18, Tia14]. Pfaffian [AVW17, BEP18, GJL16, Kar14a, Kat12a]. Phase [AGR19, AE16, APRT17, AM14, ARBJ15, AT12, AFR19, BG17a, BNT16, BCM15, BLS11, BL11a, BB13, BPDH10, BC10, BD11a, BYYY19, BM17, CT13, CRS14, CC18, CP16, CMP17, CL15, CRTZ13, CLP19, CFLV19, DKKP14, DOP19, DLY18, DH19, DK10, EL12, Els15, EK12D, FZ11a, FGgL18, FMM+, Fox19, GHR13, GdHMZ19, GSSV11, GS19, GNP16, HR16, HKR16, Ham11, Hep18, IvRM15, JYZ11, KP12, KMTC10, KRRS17, KY12, KS18, LHZ+, Lep15, LH13b, MGAPQ13, Mas14, MMR18, MCK15, MS16, MBS16, NKR15, OMC11, RMS19, RT11a, RL17, RM16a, RSB10, SGC11, SZ18, Sim11, SM12a, SM12b, SM15, SG17, Taki16, TN18, VB11, WLEC17, Wil11, XLL+, Xue16b, dHO13, ACL+, Dyk14, Mon12a].

Phase-Coexistence [EL12]. Phase-Locked [HR16, HKR16].


Phenomenological [BFT10]. Phenomenon [KiIM13, LX17, SdlL18].


Physicists [San12]. Physics [Ano11d, Ano11e, Bai10, CCGT10, Des11, FW15, GT10, HA13, Han14, Han14].


CGL17, CGL18, CG19, CGHT16, CEGW18, CMS10, DR13, FF14, GG18, GRV11, HTX+12, Kan14, Kat12a, Kat12d, Kat12c, KL15, KA17, KCB13, KMO16, KLM17, LP16, LH13a, MdG13, MPTV11, Ngu19b, OR15, PS19, PdS17, Pir14, Pro15, QR13, RE13, SS18a, SS10, Sch13a, SCY+12, ST11c, Sim11, TGP12, TW13b, TW13a, Tzi13, Wil10, Xue16b]. **Processes** [ACG15, APR15, AGMM+12, ADGPP17, ABT11, BKM15, BK18, BCHM12, BC15b, BO16, BJS17, BL10b, BZ13, Ber19, BDL16, Bla10, BJR10, BG17b, CFM14, CL16, CGP17, CPF10, CG13, Des11, DDC18, DSZ17, DXZ14, Eri18, ELX18, FC13, FC17, FL14, FGN14, FLS12, FL16b, GGJR14, GOP14, GKL11, GLST16, GKW12, HL16, HL18, KT11a, KNN15, Kra16, Leb16, LS17, LKD12, LPS19, Luc16, MOT14a, MC16, MC17a, MC17b, Mat15, MC19, MR13, MS12c, MHD17, MGMMP13, NS11, NVL11, OC12c, Ohk14, OPS10, OD11, OP12, OO18, Pim18, RW14, RM16b, San12, SL12, SV15, SJHW11, Sta15, TM10, Tou18, WX15, WP11b, XTpxH12, Xue16a, XP17, ZGL13, ZGL15, vKSZ18]. **Processing** [FAB16, MLS16, MPR16]. **Processive** [ZF11]. **Product** [ABA14, BHNY15, BFKR10, Bis19, CG14b, MNV11, MC19, RS18, SW15]. **Production** [BC14b, HS14b, LH13b, MU13, MHD17, NT17, SS19, WX15, WXX16, YK13, YSSH13]. **Products** [AK17, BT11, CTT10, CLTT13, For13, ISZ17, Kar14b, ORSV15, RT14]. **Profile** [CFTW15, Ngu17]. **Profiles** [DDHS17, DSZ17, NT16V, Sta15, Thr18, YKS16, ZBVE11]. **Program** [Leb10, Leb12c, Leb13b, Lebl3c, Leb14, Leb12a]. **Projection** [BC18, FKLL16]. **Projections** [BL11b, Kar12, Pir18a, RS14]. **Projective** [BPS12]. **Projectors** [TV16]. **Proof** [CE14, Lan17, PC19]. **Proofreading** [PS16]. **Propagate** [DEF12]. **Propagation** [BCE+14, CP17a, CMW15, CGY17, Cor16, FK18b, KC18, Liu15a, MBWC16, SR19]. **propelled** [ARB15]. **Proper** [GMT17a]. **Properties** [AS16, Art19a, Ast13, BM18, BF11, BCJ15, BO11, BBH11, BC18, Bia10, BGP15b, BBC15, CR11b, Cie17, CPSV10, CMS13, DHR18, DI13, DKL19, Dud13, EF18, EPS17, FBE+11, FK18a, FR17, GLT15, HKLN19, ISZ16, Ito16, JYZ11, JM14, Ker13, KMK11, KSM16, LZ10b, Miy12a, MC11, Moul15, MHD17, MBC+13, Nak19, Nán11, NT16, Pos16, Qia10, Ras11, RM16a, SSR12, Sch13b, SLM12, SLdEC11, SH12, Tha11, Wre17, Zha12a, dAPdA+13, Bru14]. **Property** [PS18, RSB10, Zhe13]. **Protein** [BHS+12, BCC+16, GV12a, JYZ11, ZDS11]. **Proteins** [VCT11, WLL11, ZF11]. **Protocols** [PS16]. **Prototype** [PP14]. **Prove** [Fre15]. **Pseudo** [JS10, JL16, KNPF19, MFLA15, OD11]. **Pseudo-Distance-Regular** [JS10]. **Pseudo-potential** [KNPF19]. **Pseudo-Potentials** [MFLA15]. **Pseudo-Processes** [OD11]. **Pseudofractal** [FPX15]. **Pseudospectral** [Sh16]. **Pt** [CDCL18]. **Publication** [Ano16a]. **Puiseux** [GT12]. **Pulse** [HV14]. **Punishment** [PSVG18]. **Pure** [ANS18, BW10, BCJ15, GRS12, JJ12, JJB14, Ter13]. **Purely** [Ong14]. **Push** [Aza11]. **PushASEP** [CP15b]. **PVBS** [BNY16]. **Python** [San13].

Rabin [Tho12]. Radial [CMV16, FL13, K12, MZ19]. Radiation [BDDH14, Fra17b, SJ10, SB15a]. Radiative [KC18]. Radii [DH19]. Radin [DF17]. Radius [Luc16, Pro17, dLP14]. Raman [HV14]. Ramp [MS19c]. Random [AB10, Afa16, AI12, AKM13, AKQ14, AD15a, ACM11, AF14a, ABA14, AM12, AS16, AD11, AK14b, AZ11, Ast12, Ast13, APSS12, AGM1+12, ADGPP17, AT12, ABF16, ACG18, Bab12, BR10, BF10, BDP19, BvdHK19, BBP11, BNP14, BO16, BGLZ19, BL19, BL11a, Ber14, BO11, BZ13, BLBP12, BBLP13, Bet14, BCP18, BCLL16, BPR13, BW12b, BBW15, BLRVR13, BS15c, BS15b, BU18, BR13, BJ10, BYVY19, Bou13b, BL10d, BD81b, BMSS13, Bus18, BSM1*16, CRS14, Caê10, Caê11, CN18, CG15, Can17, CP19, CDS19, CP15a, CLM15, CLG12, CD4a, Cha19, CR11a,
CS16a, CCH16, CS16b, Chiu18, Cie17, CddS14, CCR19, CDH15, CR16, CEW18, CPSV10, CMVW11, CFN15, CTT10, CLTT13, Con18, CG17, Cra11, CMM14, CCFR18, CFLV19, D’O14b, DO15a, DLY18, DP19, DGL16].

Random
[DX15, DH19, Det18, DZY19, DvLM16, DvLM18, DMM14, DRS10, DvGvdH10, DvGvdH18, EH12, FZ11b, FZ10, FF10, FvdH13, FK10, FK12, FS11a, For13, FL15b, FK18a, FH13, Fun14, FD14, FN15b, FMMP18, Gali17b, GPS13, Gau18, GMM18, GMM19, Gao18, GdHR18, GOPS11, GSSV11, GL16a, GT17, GL17a, GL17b, GvdHP15, GGD16, GS11b, Git14, GFT14, GMT17b, GMT17a, Gre12, GS15, GV12b, GM13, Han11, HL16, Hor16, Hš16, HM16, HMW13, Hui17, IK10, ISZ16, ISZ17, IS16, Ito18, JH17a, JS17, Jan18, JY19, JvLS19, Jav15, JM10, KPR18, Kar12, Kar14a, Kat15, Ken16, Ken19, Ker10, KA17, KW12, Kiel17b, KV17, KMM11, Kla11, KKS19, Koa19, KP11, Kol14, Kol17, KY13, Kos13, KOSV18, Koz17, Lan11, LMT15, LS15b, LS16b, LMM16].

Random
[LSY18, LM17, LCZW15, LM12b, Lu17, Mac10, MTVU18, MW12a, Mar18, Mar15, MN12, MU15, May13, MBWC16, Mis16, Moh11, Mol18, Mol14, MS16, Mou15, NNM11, Nán11, NT16, OC12b, ORS15, OCM15, OR19, OP12, ORS16, OR16, PPS16, PMC15, PSS11, PS10a, Pel14, Per13, PC19, PS14, PZ17, Pir14, PRD11, PRD12, RT14, RT11a, RT11b, RT12, RRS12, RZ17, RT16, RSB10, RT15, SS18a, SWB10, SCH15, Sco11, SDL11, SC10, Sch15, SS16, SS18c, Shi15, Sod09, Sod11, Sod17, SB12, SV16, TV15a, Tou12, TV15b, VFT12, Wan12, WZL+14, Web11, WFK11a, WFK11b, XY13, Xue16b, XP17, YY10, Yin13, YB14, Yin16, You17, ZL13, ZHR16, ZL19, Zhe13, ZWGM15, Zhu17, ZJ14, Zuc11a, dBP15, dCCS19, dSLPV17, vdHKvL18, vdHLK18, vSDK13, vSB15]. random [Kau11].


Raney [FL15b]. Range
[AHDV17, AM12, AD11, ANSW16, BDP19, BC11, BPR14, BM12b, CMV11, CMP17, CG10b, CGP17, Chu18, CddS14, CDH15, CvELR18, CDV17, DSZ17, GJMS10, GLO10, GDL10, Gon14, Gra13, KL19, KM16, LSW17, MC19, MN14b, Mis15, Mis16, Mis19, Mit16, Mit17a, Mit17b, Miy16a, MPT19, Mor12, NP12, PL13, SCH12c, STA15, Tas19, VW18, Wei16, vEdLV16, vEKRS19].

Rank [BBLP12, BBLP13, GKW12, Koz17, VP14, VP15, Wan12].

Rank-Driven [GKW12]. Ranking [BCS18]. Rapid [KO15]. Rapidly [CGHT16]. Rare
[AGJP19, BLM13, CNS15, FK17, GKL11, HCI14, Huv12, OMC11, RSB16b].

Rarefaction [BNTT16, CF10, Gon14, MS17]. Rarefied
[CLS11a, Ku15, PWS17, TH12, TT17a]. Rarely [BGN17]. Rashmi [Ara11b]. Rate [BHS13, BGZ17, BFNZ11, CL19, CLS11b, GQ17, Lan11, Lec19, LT10b, MC16, PZ15, TW14, WX15, WXX16]. Rate-Distortion
[MC16]. Rates [AB10, BMR10, CMM14, DMM14, FLP10, Jus10, KCB13, LWY18, RBS16b, Tzi13, Xue16a, Xue16b, XP17, YB14, ZL13]. Rather
[Kan12]. **Rods** [Cha12, OD11]. **Role**
[BPR13, CTM13, DUU15, HH15b, MG17, NBB13, Ste19, TLC13]. **Roof**
[BM18]. **Room**
[Ano12a, Ano12b, Ano18a, Ano19a, Ano19b, Leb12a, Leb12c, Leb13b].
**Rooted** [M14, LPS12]. **Rotating** [Buc16, KMS19a, MS11a, RSY14].
**Rotation** [VYH11]. **Rotational** [Aum15, BCJ17, CPRY11, EsI17].
**Rotations** [dL11]. **Rotators** [BGP10, Dym15]. **Rough**
[Fre14, ME11, TJ15]. **Roughness** [SSB15, Zho18]. **Rouse** [VV17].
**Rowlinson** [DH19, FKKO15, Fri17]. **Rowlison** [Zoc18].
**RSB** [Pan14, Pan16]. **Ruelle** [CLP17, CL15, Ga17a, WL13]. **Rugged**
[BKK17, FK12, MMSY11]. **Ruin** [LS16b]. **Rule**
[AF16, HMO12, LN13, NS12]. **Rules** [SJ10, TF12]. **Rumor**
[BZ13, BHMGM13, CP17a, CRS12, GGJR14]. **Rumour** [APRT17, SR19].
**Rupture** [DOGKP19]. **Russo** [dB15]. **Rutgers** [Ano12a, Ano12b, Ano18a, Ano19a, Ano19b, Leb12a, Leb12c, Leb13b, Leb13c, Leb14].
**RWRE** [Fre15].

S **Sacred** [MSB13]. **Sagawa** [MT11a]. **Saitta** [Mon12a]. **Sakaguchi**
[HX15a]. **Sale** [BJM15]. **Salesman** [SBK10b]. **Salpeter** [Mor11]. **Sample**
[DN17, WXX16]. **Sampled** [BO16]. **Samplers** [DLP16, RBS16a].
**Sampling** [APdM18, FT18a, FT18b, FJLS18, Ghe10, HMRW13, HM13b, Hui17, KR16, LM13, PYCG11, PSS12, TV16, WES11, WLL11, ABT10].
**Sander** [Gou14]. **Sandpile** [RRS12, Tyo12]. **Sandpiles** [FLP10].
**Satisfaction** [HMU13]. **Satisfied** [Lan13]. **Satisfying** [LLL17]. **Saturated**
[Cie17]. **Saturation** [HMU13]. **Sausage** [NP16]. **Saving** [HBC15]. **Scalar**
[AM12, TM18, VFT12]. **Scale**
[AK18a, ARS17b, BL16b, CL16, CD16, GRT17, HH15a, HFT15, JvLS19, KT10, KS12, LH13a, MR13, MPM17, NE16, PXX15, RM16b, WBL11, WCX11, ZSHL15, Zho17, Zho18, vdHK17, Tou14, YKS16]. **Scale-Free**
[AK18a, ARS17b, CD16, HH15a, HFT15, JvLS19, LH13a, PXX15, WCX11, vdHK17]. **Scale-Induced** [KT10]. **Scaled**
[Bab12, Bae11, ZP15, ZP16]. **Scales**
[AEWI14, BP11a, BC14b, CFMT17, LL13]. **Scaling**
[AM19, BBS14, BJS17, BKK15, BBC15, BLT12, Bot18, CDS19, CCP16, CGNP11, Chu16, Cie17, Cla19, EP14, FMAG11, FC11, FN15a, FKK10, FL16a, GLML16, GLT15, HDP17, HTZ12, HF12b, HKW11, Ker13, KL15, KWX14, LZ15, MU18, Mar11a, PZ17, RP12, SU13, TW11, dL10].
**Scalings** [EM10]. **Scatterers** [BNP14, CTT10, LZ10a]. **Scattering**
[CE19, DP14, HV14, HJ17b]. **Scenario** [DP17]. **Sceptics** [SR19]. **Schelling**
[BELP15, BELP16, BELP18]. **Scheme** [LM13, Sug10]. **Schemes** [Tem14].
**Schloegl** [WGLE11]. **Schmidtea** [CLTC15]. **Scholes** [LWL12].
**Schonmann** [BC18]. **Schramm** [ACH15, Ghe10, JL18, Ken15b, LV19].
**Schrödinger**
[Ast12, Ast13, BW12b, BBW15, Bou13b, FS11b, FS14c, Gao18, Hon19, KV15, KV16a, KK16, Kru12, MC10, Nak14, Nak17, Shi15, TV16, dOP18].
Servers [BRSV18]. Set [ALS18, ART11, EHR12, SX10a, SX10b, ZHZ15].
Sets [AI12, AC14a, AFFR17, Bun14, GS15, Mih11, PR15b, HHL17].
Setting [DMS12]. Several [GS11c]. Shaken [HHT15]. Shallow [RVB16].
Shear [AM12, BJGL+17, ES13, Mat12]. Shell [BFT10, Sch13c]. Sherrington [Con13, BL16a, BSS19, Pan12]. Shield [CCM17]. Shift [Bré14, Ker10, Krü12]. Shocks [Abr13, BNTT16, BS13a, BRSW15, CFP10, MS17, TGGS13]. Short [AD11, ANSW16, BB15, Bot18, BPR14, CLM15, HV14, MPT19].
Short-Range [AD11, ANSW16, BPR14, MPT19]. Shrinking [HNVZ13]. Sin [OMC11]. Sided [AB18b, BC18, TW10]. Sidney [Leb11]. Sierpinski [JY18, Mis15, Mis16, Mis19, Yam13]. Sigma [SS18c]. Sigma-Model [SS18c].
Sign [BEP18, TA16]. Signaling [RGL11, ST11b]. Signals [Fyo19].
Signature [Dzu11]. Signed [ALS14, KLM13]. Silicon [AG12b, MS11b].
Similar [KV16a, LPS19, NTV16, TW11, Thr18, Det18, Lau18, LXXA19, LP19, MNV11, NV14]. Similarity [EJ10, Els15, GPSB18, YY10].
Simulation [AD15b, AGJP19, DDF15, GGP10, GLO10, HTX+12, HEJPG14, I13, LX17, ML15, MCK15, PM17, SL12, SP13, SSB15, Wil11, Y11]. Simulations [BR11, FCK15, H11, Koi10, LKR+11, MFLA15, PPK11, UK16, San13].
Sinai [Szl12, CZZ13, CLP17, Fre15, GTT14, Kha17, MDP+18, Ste10].
Singular [BL17, BCM12, CCM16, GBL16, JS17, Ong14, T14].
Singularities [BKP13, CY18, RS15a, TW14]. Singularity [Che13]. Sink [BB11]. Sintering [ML15]. SIR [Gra13]. Site [BS15b, Car11, HP11, MSS11b, RZ17, We12]. Sikavinsky [BC17, MiS18].
Six [CS16c, CPS19]. Six-Vertex [CS16c, CPS19]. Size [BP11a, BLT12, CG10b, DRT18, DR13, DM18b, IP12, JK12, LP19, LLS13, RELV11, Sam17, Sam18, Sh13, SM12a, SK19, TQS12]. Sizes [PVCG11].
Skew [ABT+14, Han13, Krü12]. Skew-Shift [Krü12]. SLE [BCL10a, BCL10b, FL13, HBB10, HK18, K10, LV19, MZ19, Wer12, Zha12a].
GLM^{+15}, GS17a, HX15a, Hog11, HMW19, HRW14, Kra15, LR15, Luc16, Miy12a, NMV11, Neu14, PT14a, SB15a, ST14, Tor12, TC11a, TC11b, Tzi13, VAY^{+12}, WPB15, Wre12, vEdG11, Mat15].

**State-Dependent** [HMW19]. **States** [ANS18, AZ11, BP18, BBH11, BGILL12, Bis19, BCKL12, BCPS18, CN13, Coq15, CvELR18, DG17a, ELX18, Eva16, EWSR16, EV11, FBR19, Fil16, FS14c, GRS12, GT12, GT15a, GS12, HR16, Har11, IY14, KBSM16, KKN12, KSY13, Ker11, KNIST11, KNIST15, KW15, Lia13, LY10, MS11a, MS19a, MMST13, MPTV12, Mat12, Nak17, Ngu17, O’C12a, Pir18a, RC17b, RY12, ST11a, Sch13b, Sch12c, SS16, Shi16, SST15, SW15, Tas19, XD18, dSRT15]. **Static** [CL16, DO15b, WCX^{+11}]. **Stationarity** [Dor16, Kem10]. **Stationary** [AP10, AB18b, ABT11, BL18, BPS12, BT12, BL10b, BGL14, BCKL12, Buc16, CG14b, DG17a, DJRZ11, ELX18, FS14c, GS12, HDS15, HL18, Ily12, Ily16, IS13, KC18, LN15, MT17, MS19b, MPTV12, MC19, PZ19, RELV11, RS18, Thi16, VAY^{+12}, vGRS16, CYZ18]. **Statistical** [Abr17, Ano11d, Ano11e, Ano12a, Ano12b, Ano15a, Ano16a, Ano18a, Ano19a, Art19a, AN19, Bae11, BM18, Bar14, BV16, BC19, Cdi10, CM11, CGGT10, CG11c, DI13, Des11, Dym15, Ero14, Far15, FC11, FCLK14, GvdHdHM18, GS17b, GS17c, GT10, Gou14, HA13, Her13, ISZ16, Isi15b, JP18a, Kad14, Kar11, Kie15, Kie13, KW14, Kle15, Lan19, Leb10, Leb11, Leb12a, Leb12c, Leb13b, Leb13c, Leb14, LBB15, LLM12, LLJH10, Luc18, MSS^{+11a}, MP10, MSS11b, NMV11, NiS19a, NSW13, Ped11, PCMM18, PP11, RB1^{+18}, Rab11, RM16a, RVB16, Rue14, Rue17, San18, SddIPRA16, Sit12, Sta11, Tau10, TW17, Tur13, ZH15, Zia10, del12, vKSS18, AFI^{+10}, Bré10, KKB10, Rei09, San13, bA10, bA12]. **Statistics** [AEK16, BGL10, BPZ13, BC12, BGLL13, BGP15a, BJP17, Càc14, CM16, DMS17b, Esi17, GMT17b, GMT17a, HZ17, He19, LF12, MK19, Mia11, Nak14, NTT18, PW16, PMC15, Pet10, RY18, SP16, Shi15, TKK15, Tho12, YM11]. **Steady** [CEL^{+18}, DCC18, Eva16, EWSR16, KNIST11, KNIST15, LY13, LY10, Mat12, RC17b, RY12, ST11a]. **Steady-State** [DCC18]. **Steepest** [BN18]. **Stein** [Mac13]. **Step** [BS15g, DDHS17, ZL13]. **Steps** [Caë10, Cli18]. **Steric** [MM15]. **Sticky** [Bun14, Fan17a, Ngu19a, Sch13b]. **Stiffness** [CS16b]. **Stigum** [LJN18]. **Stillinger** [AG12b]. **Stimulated** [HV14, Vd15]. **Stimulus** [Che18]. **Stirred** [HHT15]. **Stochastic** [Abr17, AMW17, AGJP19, ABT11, AG15b, BL18, BC17, BBC18, BJ16, BGLZ19, BAS16, BFT10, BDL16, BC14b, BNT13, CT13, CG13, CRS1, CG14b, CRS12, Con10, DXZ14, DT18, DHH11, ES12, Els12, FSV10, Fil16, FF10, FC17, Fre14, FK18c, FW17, GL13, GRT17, GOP14, GS11b, GHMR17, Gro19, HVW12, HMW19, HE17, Ii17, II13, Jaf15, JMS13, KNK15, KL15, LK14, LN13, Leb13, LNP11, LNS^{+12b}, LNY16, LLL17, LCZW15, Liu15a, Luc12, LKR^{+11}, MBGK12, MHD17, Nán16, Ns12, OC12b, OVC14, PT14a, PCMM18, Pir14, PZ15, Qia10, RBS16b, SCY^{+12}, Sim10, Tou12, Tou18, WQ10, WXX16, WTM19, Wil10, XTPXH12, Yag16, Yam17, ZDG19, ZY^{+18}, ZWGM13, San12]. **Stochastically** [ADF18, GM15, RE13].
Stochasticity [DKS18, ED15]. Stoke [IIS15a]. Stokes [ABH+17, BLS17, BNT13, DLS10, FRT15, JLMG11]. Storage [DHL+17].
Surface-Mediated [BGL+11, RBGV12]. Surfaces [Bab12, CTH+11, CDV17, KA17, Zho17]. Surgailis [Thå11]. Surjective [KT15]. Survey [BB15]. Survival [BBS11, CC19, JMRC16, KMT14, MMR18, NG10, Sch15, Zuc11a]. Susceptibility [CGNP11, FL12, TW14]. Sustainable [Wei13]. Sustained [CDP17, CF19b]. Swapping [BR16, Ker13, LVE19]. Swarming [DM11, HKN19, vBKBS13, vBSB15]. Swarming [DM11, HKLN19, vBKBS13, vBSB15]. Swept [CB16]. Swim [Bus18]. Switches [PS10b]. Switching [BELP15, PS10b]. Sy [KPS19]. Symmetric [AG15a, BGG10, BL10b, CRV13, Dai17, DJ13, LHN18, MPTV12, Ngu19b, PZ17, Ras12, RBGV12, RBGV15, Wan12]. Symmetries [Esl17, GS11c, Liu15b]. Symmetrized [Mat12]. Symmetry [Aum15, BN14, BGG1+17, BHM12, BSS19, BS15a, BC17, CNGRS16, CC19, Con18, FP11, Fre14, He19, IK10, Ito17, Ito18, Kat12a, KLMP18, LRSB13, OiS14, Tak09, Tak10b, Tas19, Sha10, Tak10a]. Symmetry-Reduced [BC17]. Symplectic [Gou15, LZ10b]. Synchronisation [GT17]. Synchronization [CR16, DeV19, GoHM19, KKV+11, Ko19, TC11a, TC11b, dAPdA+13]. Synthesis [ZDS11]. Synthetic [MLS16]. System [Abr17, ABFP15, BNTT16, BO14, Bha15, BA14, BDL10, Bra14, BFZ11, BC17, BP15, CL13a, CCM16, CH14, Cor16, DM11, DF16, DK10, DFL17, DLS10, DL17, EKD12, FL15a, FG12, GBTL17, GG11a, HZS11, HR10, JISV19, Kat12d, KS12, Kua13, LNS12b, M215, M214, MR12, NS16, NT17, Ouo11, PS10b, Qia10, RM16a, RE13, SGU13, Shi13, SSE15, TD19, VZ16, Vau10, XJZ17, YL15, Ya16, Ya17, ZW10, Zha10b, ZY18, Zho18, vHL13]. Systemic [BA14, MBC+13, TGGS13]. Systems [ABC10, AEWCD19, AB17, ACL14, ADF18, Ara11a, ADP14, AFFR17, BW10, BKM15, BJ16, BP18, BCZ19, BKL12, BPR13, BC11, BC14b, BP16, BGTVE16, BP126, BKP13, BGT11, BCM12, CA19, CMGP14, CNZ17, Cha12, Cha14b, CCR17, CYZ18, CL10, CG14b, CL15, CCR19, CH11, DS17, DT18, FGJ14, FL12, Fer14, FdHM14, FF10, FGGL18, Fl16, FKK10, FF11c, FMM14, FMM15, FL18, Fra11, Fre14, FFT11, GL13, GQ17, GRV10, GS11c, Grm17, HY16, HBC15, HLL14, Hor16, HS16, HFWT15, HEFDG14, IPS10a, IS17, Ito16, Ito17, Ito19, J19, Kie14, Kle15, KCB13, KMM19b, LK14, LMM16, Lec11, LO18, LL19, Luc12, LFW12, LFWK14, Luc16, Luc18, LBSB13, LH13b, Mal12, Mat12, MN14b, Mie18, MUL16, MM17b, M19, Mon12b, MB11, MPR16, Mor12]. Systems [MAPS11, NSS12, NSV12, O'C12a, Ohk10, ORW15, Pav11, PSS15, Rabi11, RC17a, Ren18, RSB10, RDNS15, ST11a, SGS19, SVRL11, SITS14, Ste19, TWT14, Tas16, Tas18b, Tas18a, Tas19, Tem14, Th12, Tia14, VP14, VP15, VO18, Ven14, VL12, WLEC17, WG18, WL13, Yar14, You17, YSSH13, YS13, ZP15, dSL1P17, ZP16]. Szego [BDES19].

T [FAB16, Kos11, KKC12]. T. [Ano18d]. Tackling [BCS18]. Tadmor [Jin18]. Tagged [KMS15, Per10, RNDS13, RDNS15]. Tail [DRT18, MPS14, OO18, Thr18]. Tailed [Nán11, Pir14]. Tails [AHDV17,
Weak [BT14, BV11, CE12, Coq15, CSS15, CG17, FRT15, KV15, KV16a, LKD12, MQW18, MAPS11, PR15a, Ryt12, Var12, Zha10b].
Weak-Disorder [BV11].
Weakly [BSW17, BBC15, CL16, LK14, MOT14a, MU15, MAPS11, Naz18, O’C12a, SS10, Sim11, Tri17, Ven14].
Wealth [DLR14, ZGH18].
Web [PXX15, Sch10].
Weber [AG12b].
Wedge [CMS10].
Weeks [Fan17a].
Wegner [TV15a].
Weight [BvdHK19, BM11, MP18b].
Weight-Distances [BvdHK19].
Weighted [AK18a, BCCD18, BDL11, CS10a, DLY18, SX10a, SX10b].
Weighted-Set [SX10a, SX10b].
Weights [Cal15, CJW17, FK18a, Ker10, O’C12a, SS10, Sim11, Tri17, Ven14].
Weiss [AT18, Col14, CF19b, EK10, GNS18, GV15, LK14, OEA18, PFR13, SZ18].
Well [ACG15, FS11b, Han18, HJ17b, LK18, RGL11].
Well-Posedness [Han18, HJ17b].
Wentzell [dSLPV17].
Wetting [AB14, ADMS11, CDH15, Zho18].
Weyl [AGR19, CP19, Mas14, TV16].
Where [Hol11].
Which [Coq15].
White [Ngu18].
White-Noise [Ngu18].
Whole [FL15a, MZ19].
Whole-Plane [MZ19].
Whose [LK18, RGL11].
Wide [Lee18].
Widom [Sod17, AD14, BDES19, DH19, FKKO15, Fri17, Sod19].
Wiener [Jia14, NP16].
Wigner [AF14b, BP12a, BPZ13, He19, LMG11, KS12, PWZ16, PRS12].
Wilson [BP12b, BPZ13, He19, JLMG11, KS12, PWZ16, PRS12].
Wind [Tro10].
Window [LK14].
Windows [HJ17].
Winfree [Ko19].
Wires [BBR12, KMS19b].
Wishart [Kum19, RKGZ12].
Within [MN15, MSB13, Pat11].
Without [BV16, Ber18, CC19, Gal15, MWY16, Pic10, RM16a, Tri14, Vidal17].
Witness [AP14b].
Witnesses [HA19].
Witting [HY19].
Wolf [CTH+11].
Word [AWM13].
Words [HM16, Mol14].
Work [Bat17, Dav11, LTR17, SB15a].
World [APRT17, ALAF18, GS17a, KV16b, Sha12].
Worm [CGHT16].
WR [MS15].
Writhing [Mar11a, SS11b].
Wulff [Sch13b].
YD [Han13].
YD-like [Han13].

Xenon [GLM+15].
XY [BL16, Cra11, GL16a, LMC19, MS11a, PL13, SML19].
XY-Models [MS11a].
XYZ [HA19].

Y [Sta11].
Ya. [Szá12].
Yakov [Kha17].
Yang [KS13].
Yard [BJM15].
Yard-Sale [BJM15].
Yau [Aoo19b].
YBE [Yam14].
Years [Zia10, Zuc11b].
Yesterday [Sin10a].
Yor [LS16, Jan15a].
Young [Fun14, MS16].
Yttria [MW10].
Yttria-Stabilized [MW10].
Yuhjtm [Pro17].
Yukawa [KID+11].
Yule [LPS16].

Zamolodchikov [KS13].
Zealot [PT14a].
Zener [CFK13].
Zernike [CG11a, CG15].
Zero [AP12, ANSIW16, BL18, BDP19, BDES19, BP12b, CL10, CG10b, CG17, DSZ17, GNS18, GON14, IY14, Ito19, JRS15, Kemi11, KS14, KMO16].

ZTP12.
Zero-Range [CG10b, CGP17, Gon14]. Zero-Temperature [ANSW16, GNS18, WW16].
Zero-Variance [Ito19]. Zeros [BCF10, DMS12, FZ11b, JZ10, LSS19, SS11a].
Zerth [GS11a], Zeta [AW18], ZGB [SM12a], Zhang [Ano15d, CG17, FSS13, TS12, TA16, XTL14].
Ziff [SM12a, SM12b], Zipf [Lee18]. Zirconia [MW10]. Zwanzig [WL13].

References

Adams:2010:HER

Albano:2014:CTW

Angelini:2017:RSM

Alexander:2018:GTC

Aurzada:2018:PPT
REFERENCES

February 2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).

Akemann:2019:HTC


Angeletti:2014:GLD


Agliari:2010:DSD


Avena:2016:CRW


Argentieri:2015:CPT

REFERENCES


REFERENCES

Alves:2014:IPM


Auffinger:2014:FEC


Andreucci:2019:FFP


Abadi:2015:PWS


Avena:2018:RFN


Abert:2015:MMB


REFERENCES


2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


Aharon:2019:TNG


Aharon:2014:RCI


Araujo:2012:GSF


Amini:2014:BPP


Ammari:2014:WMA


Araujo:2014:FPE

REFERENCES

Alastuey:2016:FMS

Afanasiev:2016:CFC

Anjos:2016:ASF

Azevedo:2017:EVL

Avron:2012:ARL

Armendariz:2015:FCG
Inés Armendáriz, Pablo A. Ferrari, Pablo Groisman, and Florencia Leonardi. Finite cycle Gibbs measures on permutations


REFERENCES

Alonso:2011:RCS


Abdel-Gawad:2012:TUM


Apte:2012:NDA


Affleck:2014:SCM


Allahverdyan:2015:AIB


Azencott:2015:AML

[AG15b] Robert Azencott and Yutheeka Gadhyan. Accuracy of maximum likelihood parameter estimators for Heston stochastic

Agoritsas:2016:DIF


Angeli:2019:RES


Aurell:2012:RSL


Azencott:2018:LDG


Abreu:2019:HAP

Alves:2017:NTL


Akama:2012:RFM


Auffinger:2019:SDG


Aghamohammadi:2014:LMS


Arguin:2014:MAR

REFERENCES


REFERENCES


Abbott:2019:SLD

Amini:2010:BPL

Accardi:2014:QMC

Amati:2019:MEF

Agliari:2018:NCM

Alekseev:2017:TSL
REFERENCES


References

Anonymous:2011:PSIa


Anonymous:2011:PSIb


Anonymous:2012:SMCa


Anonymous:2012:SMCb


Anonymous:2014:F


Anonymous:2014:OLI


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Michael Aizenman and Simone Warzel. Kac–Ward formula and its extension to order–disorder correlators through a


REFERENCES


REFERENCES


REFERENCES

Benzi:2015:HIT


Bradde:2017:PMR


Baryshnikov:2011:TDQ


Bock:2015:SPW


Barre:2018:DLD


Binder:2011:MCM

Kurt Binder, Benjamin Block, Subir K. Das, Peter Virnau, and David Winter. Monte Carlo methods for estimating interfacial free energies and line tensions. *Journal
REFERENCES

106


Berrada:2011:GSC


Brotto:2017:MDD


Bertola:2012:SRH


Bertola:2013:SRH


Baiesi:2010:NLR

REFERENCES


REFERENCES


[BC12] Luigi Barletti and Carlo Cintolesi. Derivation of isothermal quantum fluid equations with Fermi–Dirac and Bose–
REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>AUTHORS/DESCRIPTION</th>
</tr>
</thead>
</table>


REFERENCES


Barucca:2018:TIA


Barreira:2013:MAA


Braides:2016:CMI


Bodineau:2011:PF


Brunet:2011:BRW


Brunet:2015:EST

REFERENCES

Bullara:2015:CEL

Berglund:2016:IDM

Blanchet:2016:TIB

Blanchet:2017:KMT

Bauer:2014:IRC
REFERENCES


[BdlL13] Timothy Blass and Rafael de la Llave. The analyticity breakdown for Frenkel–Kontorova models in quasi-periodic media:

[Balazs:2019:ZRR]


[Bach:2014:SDP]


[Birmpa:2017:LDM]


[Barreira:2012:LFC]


[Bleher:2017:TEC]


George Barmpalias, Richard Elwes, and Andrew Lewis-Pye. Minority population in the one-dimensional Schelling model of
REFERENCES


REFERENCES


REFERENCES

Bandtlow:2010:AFF


Balazs:2010:RWS


Brightwell:2018:SMB


Butta:2010:SMB


Brzeźniak:2011:CIP

REFERENCEs


REFERENCES


REFERENCES


REFERENCES


REFERENCES

127


REFERENCES

Bobylev:2017:RRL


Bashan:2011:CEC


Bhattacharjee:2015:SCF


Bernardi:2012:ESP


Bleher:2012:NND

REFERENCES


REFERENCES


Benoist:2017:ESO


Bollobas:2010:CMR


Bermolen:2017:SLG


Bradford:2011:ATM


Barany:2015:ACB


Benjamini:2017:CVD

REFERENCES


REFERENCES


REFERENCES


Berger:2011:EDF


Bolhuis:2011:RBP


Beltran:2012:TMC


Boon:2015:NTA


Baik:2016:FFE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[BMT15] Jacob D. Biamonte, Jason Morton, and Jacob Turner. Tensor network contractions for #SAT. *Journal of Statistical Physics,*
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Boers:2016:MFL


Barsuk:2018:BSA


Bobylev:2019:LWA


Binder:2010:PSC


Borile:2014:TAH


Benettin:2018:FPU


[Bachmann:2010:AMS] S. Bachmann and W. De Roeck. From the Anderson model on a strip to the DMPK equation and random matrix the-


Brezin:2014:WRG


Brinkman:2019:HLW


Baccelli:2018:MQN


Bertozzi:2015:CSO


Bruneau:2014:MPO


Bapst:2011:LTB

REFERENCES


[BS15d] David C. Brydges and Gordon Slade. A renormalisation group method. I. Gaussian integration and normed alge-

[Brydges:2015:RGMb]


[Brydges:2015:RGMc]


[Brydges:2015:RGMd]


[Bhattacharya:2016:HTA]


[Buckley:2017:FIA]

REFERENCES

Byshkin:2016:APM


Buchholz:2014:MCL


Bates:2019:RSB


Bessa:2018:SGP


Bauerschmidt:2017:FDW


Batakis:2011:MAI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Bertacchi:2013:RPR


Canova:2018:RIA


Cajahuaringa:2019:NFE


Caceres:2014:PTS


Caer:2010:PRW


Caer:2011:NFS

REFERENCES

Christoforou:2013:CCC

Calder:2015:DLP

Cameron:2013:CFC

Can:2017:CBA

Carstens:2011:NCI

Cinkir:2011:RCA
Zubeyir Cinkir, Hasan Akin, and Irfan Siap. Reversibility of 1D cellular automata with periodic boundary over finite

Castellana:2014:RRH


Castillo:2016:GAD


Castellana:2014:FEB


Chang:2014:ABV


Campbell:2018:SHI


Chernyak:2010:NES


Carrillo:2014:CTD


Chiarini:2016:ESG


Costin:2019:IOF


Caprino:2016:TEI

REFERENCES

Caprino:2017:MSV

Cassandro:2016:HAS

Chazottes:2017:CIT

Cirillo:2019:TQM

Castillo:2014:RPO

Clark:2014:BPM
REFERENCES


REFERENCES


2. Caracciolo:2019:ASO

3. Collins:2010:SSR


5. Cao:2012:WLA
REFERENCES

Carnio:2014:APT


Cortes:2019:BEC


Chinellato:2015:DRN


Collevecchio:2018:CTH


Carlen:2018:ASS


Centola:2013:SMS

REFERENCES


Corsi:2013:LDI


Carles:2013:NLZ


Cardin:2017:IML


Cunden:2019:TOP


Challenger:2014:TIB

REFERENCES


[CG10a] Emmanuele Caglioti and François Golse. On the Boltzmann–grad limit for the two dimensional periodic Lorentz gas. *Jour-
REFERENCES

Chleboun:2010:FSE


Campanino:2011:OZB


Chetrite:2011:TRV


Chia:2011:SMH


Collet:2012:CIO

Correggi:2012:FEQ


Costin:2013:OCA


Cenatiempo:2014:RTT


Chleboun:2014:CSP


Coker:2014:STM


Campanino:2015:OZB

M. Campanino and M. Gianfelice. On the Ornstein–Zernike behaviour for the supercritical random-cluster model on
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


February 2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


REFERENCES


References


Chetrite:2012:QFR


Cocco:2012:ACE


Constable:2018:EFV


Carinci:2014:SHL


Crescenzo:2014:ARR


Coletti:2016:IUQ

REFERENCES

182


REFERENCES

Cassandro:2011:SLR


Cunden:2016:LDR


Comets:2011:RWB


Carlen:2015:PCT


Cirillo:2013:RHE

REFERENCES


REFERENCES


Carbone:2015:HOQ

Corwin:2015:PNI

Cassandro:2016:NFO

Camargo:2017:TFT

Chen:2017:TCS

Carati:2018:CTF
REFERENCES


REFERENCES


Corwin:2015:RFP


Chen:2011:BLH


Chung:2011:ECT


Camiola:2014:HMC


Collet:2016:SSF

REFERENCES


REFERENCES


[CS10b] Sakuntala Chatterjee and Gunter M. Schütz. Determinant representation for some transition probabilities in the TASEP
REFERENCES


Colomo:2016:ACS

Chang:2019:SEG

Chang:2017:RPM

Chen:2011:OCE

Chang:2014:PIA

Capanna:2019:TIM
January 2019. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).

Corwin:2015:SWL

Celani:2011:MFA

Coletti:2010:IMD

Cabana:2013:LDD

Carmi:2010:DFA


[CV16] Leandro Cioletti and Roberto Vila. Graphical representations for Ising and Potts models in general external


REFERENCES


Dégond:2013:HBB


Davydov:2011:INE


de Bernardini:2015:RFR


de Crouy-Chanel:2019:RKD


de Candia:2011:DHC


Dekking:2010:CFP

REFERENCES

Dharmaraja:2015:CTE

Dessalles:2018:ESS

Dellacherie:2015:DSF

DeRoeck:2017:SDP

Das:2014:HCF
REFERENCES


DeVille:2019:SSQ


Deveaux:2010:POM


Degond:2016:ALT


DeLuca:2017:CPN


Daletskii:2018:NEP


Decelle:2018:TRB

REFERENCES

2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


REFERENCES


Demircigil:2017:MAM


denHollander:2011:KDT


denHollander:2012:KDT


denHollander:2013:CPV


DalBorgo:2018:APD


Damron:2018:AET

Michael Damron, Jack Hanson, and Philippe Sosoe. Arm events in two-dimensional invasion percolation. *Journal of
REFERENCES


Datsyuk:2013:SPC


Diaconis:2011:MMT


Ding:2011:MEM


Durhuus:2010:SDC


Desai:2009:DSO

REFERENCES

Deviren:2010:DPT


Daletskii:2014:PTQ


Dhar:2019:TPC


Danino:2018:ESS


Dhahri:2019:QMC


Duan:2012:HLB

REFERENCES


[DLLX16] Mingnan Ding, Yihao Liang, Bing-Sui Lu, and Xiangjun Xing. Charge renormalization and charge oscillation in asymmetric

**deLima:2014:MSL**


**Duncan:2016:VRU**


**deLima:2015:RMB**


**Degond:2014:EDW**


**Dinaburg:2010:NSS**


REFERENCES


REFERENCES


REFERENCES


Elia Dietler, Simone Rademacher, and Benjamin Schlein. From Hartree dynamics to the relativistic Vlasov equation.
REFERENCES


Deijfen:2018:TDD


Derrida:2016:LDB


Dolgopyat:2017:TDL


Derrida:2019:LDC


deSimoi:2017:FSP

REFERENCES


[Dud13] Marek Dudynski. Spectral properties of the linearized Boltzmann operator in $L^p$ for $1 \leq p \leq \infty$. *Journal of Sta-
REFERENCES


**DeRosis:2015:RVL**


**Dommers:2010:DPA**


**Dhara:2016:GRS**


**Dhara:2018:CMF**

REFERENCES


Dymov:2015:NSM


Dembo:2015:MOU


dezarate:2013:HFL


dezarate:2011:HFL


Dzubiella:2011:HIG


Erignoux:2018:SSB


Escobedo:2010:SBA


Eckhoff:2018:NCP


El-Nabulsi:2018:PIF


Einstein:2014:DSI


Elgart:2017:LBP

REFERENCES


Erignoux:2018:HLB


Eroglu:2014:MAL


Eliazar:2012:SFC


E:2013:ER


Esler:2017:SPV


El-Showk:2014:SIM

Sheer El-Showk, Miguel F. Paulos, David Poland, Slava Rychkov, David Simmons-Duffin, and Alessandro Vichi.

**Evenbly:2011:TNS**


**Evenbly:2014:AER**


**Evans:2016:NES**


**Evans:2016:TNS**


**Francois:2016:CAL**

[FAB16] Paul François and Grégoire Altan-Bonnet. The case for absolute ligand discrimination: Modeling information processing and decision by immune T cells. *Journal of
**REFERENCES**


Faruk:2015:UST


Feng:2011:IAF


Farnell:2019:NCM


Fedele:2011:SLM


Fok:2013:IAD

REFERENCES


REFERENCES


REFERENCES

Fernandez:2014:BEE


Ferrari:2018:FGD


Ferrari:2010:PCB


Federbush:2011:AER


Ferrari:2011:FTC


Fleming:2011:IPS

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Foxall:2018:CTF


Fey:2010:GRE


Furtlehner:2012:ODP


Faranda:2011:NCB


Foss:2018:CST

REFERENCES


[FN13] Feng Fu and Martin A. Nowak. Global migration can lead to stronger spatial selection than local migration. *Journal
REFERENCES


REFERENCES


Faggionato:2011:GCT


Franceschetti:2011:SIC


Frohlich:2017:CPC


Franzosi:2011:MED


Fradkin:2017:DOT

Franceschetti:2017:QLE


Freidlin:2014:SPD


Freire:2015:AMD


Freidlin:2016:TLP


Freitas:2017:ABE


Friesen:2017:NED


REFERENCES

Fanelli:2015:ERH


Freidlin:2012:PMC


Flierl:2015:CAI


Fu:2017:DSM


Fatriansyah:2016:ECF


Fyodorov:2019:SGM

Yan V. Fyodorov. A spin glass model for reconstructing nonlinearly encrypted signals corrupted by noise. *Journal-
REFERENCES


Feres:2010:SBL


Fan:2011:EIF


Feng:2011:LDZ


Fang:2012:STI


Galam:2013:DOV


REFERENCES


**Gora:2016:SSM**


**Giner-Baldo:2017:PSN**


**Geloun:2017:ODG**


**Garlaschelli:2019:SPO**


**Garlaschelli:2018:CSB**

REFERENCES

Ginzburg:2010:OSA


Gerschenfeld:2010:AFL


Gong:2011:IDT


Gravner:2011:ODE


Gallo:2018:DOD


REFERENCES


Gilbert:2015:FIB


Ginsparg:2014:EKG


Ginsparg:2014:KGW


Gitterman:2012:NTB


Gitterman:2014:SOR


Gallavotti:2015:KEH

Giovanni Gallavotti and Ian Jauslin. Kondo effect in the hierarchical s-d model. *Journal of Statistical Physics*, 161
Goncalves:2015:ERK

Giuliani:2016:PFM

Gabrielli:2010:DCR

Goncalves:2017:SOB

Goldstein:2017:ETI
REFERENCES

Goldstein:2017:TIE

Giardina:2011:SRE

Grinfeld:2012:RDM

Galves:2013:ISI

Gallavotti:2014:ENE

Gebert:2016:PLR
Martin Gebert and Marius Lemm. On polynomial Lieb–Robinson bounds for the XY chain in a decaying random


REFERENCES

258


REFERENCES


Gonzalez-Navarrete:2016:PTF

Galatolo:2018:DCQ

Gordon:2013:EBD

Gheissari:2018:ZTD

Gutkin:2011:SPB


REFERENCES


Garoni:2011:DCB


Gorbachev:2018:NEQ


Gould:2014:LMS


Gough:2015:SNC


Gallavotti:2010:FTI


Granath:2016:DLR

Mats Granath and Alvaro Perez-Diaz. Diffusion and localization of relative strategy scores in the minority game. *Jour-


Alessandro De Gregorio. On random flights with non-uniformly distributed directions. *Journal of Statistical


Gandolfo:2013:FEI


Gandolfo:2012:MPG


Gandolfo:2017:MFA


Giardina:2010:CI


Grosskinsky:2011:CIP

REFERENCES

Gaveau:2011:VZL

Gitterman:2011:SRH

Grisi:2011:CSP

Genovese:2012:SBH

Golosovsky:2013:TTI

Guggiola:2015:MCS


REFERENCEs

Gould:2010:STP


Garibaldi:2012:DSG


Garibaldi:2015:EDG


Grimaldo:2015:RA


Genovese:2016:NCM


Genovese:2017:OSM

REFERENCES


Guttmann:2012:EI


Gulpinar:2012:EQR


Garlaschelli:2018:SIJ


REFERENCES

Gao:2012:ACE

Halder:2013:SPA

Homayoun:2019:EEW

Hagendorf:2013:SCD

Haga:2015:NLE

Halsey:2017:MBC
Halperin:2019:CHM


Halperin:2019:HMW


Hammond:2011:PSR


Hansen:2013:WLS


Hansen:2014:TFA


Hansen:2015:GTI


Hirsch:2015:SAP


He:2014:AAS


Hryniv:2017:SMM


He:2019:MLS


Hurtado:2014:TCN


Helmuth:2016:DRG

REFERENCES


REFERENCES


REFERENCES


[Hiura:2018:HDP]

REFERENCES

October 2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


Torbjorn Helvik and Kristian Lindgren. Expressing the entropy of lattice systems as sums of conditional entropies. *Jour-
REFERENCES

Hautphenne:2016:LEB


Hirsch:2018:MHC


Harlim:2017:PEM


Hauser:2013:LCB


Huillet:2013:ODA


Houdré:2016:VOA

Christian Houdré and Heinrich Matzinger. On the variance of the optimal alignments score for binary random words and an


REFERENCES


Horbacz:2016:CLT


Howard:2011:IES


Herault:2015:LFF


Hilhorst:2010:SSF


Ha:2016:EOS

Herda:2018:LTB


Huang:2014:NSL


Hunt:2010:IED


Heurteaux:2014:MDM


Horowitz:2014:EDQ


Horbacz:2016:LLN

REFERENCES


REFERENCES

Huveneers:2012:ETT


Hagedorn:2014:MRR


Heydenreich:2014:HDI


Hottovy:2012:NID


Huhn:2013:FEM


Han:2019:BLM

Yong Han, Yuefei Wang, and Michel Zinsmeister. On the Brownian loop measure. *Journal of Statistical Physics*, 175
REFERENCES


Iacobelli:2010:MFT


Bommarito:2017:MMU


Iorgov:2011:ICE


Iacobucci:2010:TCT


Ilyin:2012:ASS


Ilyin:2016:ESN

[Ily16] Oleg Ilyin. Exact stationary and non-stationary solutions to inelastic Maxwell model with infinite energy. *Journal of
REFERENCES


Imbrie:2016:LSN


Imbrie:2016:MBL


Ikhlef:2012:FSL


Iubini:2014:CDS


Imkeller:2010:FET

REFERENCES

Iorgov:2010:SOM


Imamura:2011:CMA


Imamura:2013:SCK


Imamura:2016:DSO


Islambekov:2012:LRB


Ioffe:2015:IVE

REFERENCES


Iliev:2015:PDI


Iommi:2014:ZTL


Jae:2015:SQR


Jansen:2012:MVS


Janjigian:2015:LDF


Jansen:2015:CVE

REFERENCES


Janson:2018:EER

Javarone:2015:GNG

Joyce:2011:EEF

Jiang:2014:RBF

Jin:2018:FMT

Jurcisinova:2012:IMP
REFERENCES


Joubaud:2015:LDS


Jaksic:2017:EFT


Jenkinson:2018:RCD


Jaksic:2014:EFQ


Jarai:2015:ACZ


Jonsson:2011:CNT

REFERENCES


REFERENCES

Janssen:2019:CCC


Jiang:2018:STP


Ji:2011:SMS


Jin:2010:ZJP


Khlyupin:2017:RPT


Kac:2013:CTL

REFERENCES


Kargin:2012:EST


Kargin:2014:PRP


Kargin:2014:LLE


Kargin:2018:GPF


Katori:2012:DPS


Katori:2012:RTR

REFERENCES

Katori:2012:SPM


Katori:2012:SCB


Katori:2015:DMC


Kautz:2011:CSP


Kawai:2016:HOF


Kuchler:2019:ESB

REFERENCES

Keller:2013:NCP

Kalyan:2016:JDS

Kawagoe:2018:PBI

Kohler:2019:TIU

Krstulovic:2013:ERD

Koufos:2019:DCA
Konstantinos Koufos and Carl P. Dettmann. Distribution of cell area in bounded Poisson Voronoi tessellations with


Kennedy:2015:SKS

Kennedy:2016:FOC

Kennedy:2019:NIR

Kerl:2010:SCT

Kerstein:2013:HPS

Khanin:2017:MJY
REFERENCES

Khalil:2019:MD

Kalyuzhnyi:2011:NFF

Kiessling:2011:EHL

Kiessling:2013:OCS

Kiessling:2014:MFV

Kiessling:2017:BRJ
References

Kiessling:2017:HRE


Kim:2012:NED


Kuroda:2013:ACE


Kirov:2012:NTD


Kaiser:2017:ACE

Kaiser:2018:CSO


Komech:2014:EES


Kim:2015:BMR


Komech:2016:LSC


Kosmrlj:2012:ICD


**Kyprianou:2017:LFH**


**Kraaij:2018:DGG**


**Klumpp:2011:PBT**


**Kirkpatrick:2013:AMF**


**Kupiainen:2017:RGK**

REFERENCES


REFERENCES


REFERENCES


Koike:2018:MRB

Kolesnik:2014:PLE

Kolesnik:2017:ART

Korobov:2016:RRS

Kosmrlj:2011:TSC


[KP12] Pavol Kalinay and Jerome K. Percus. Phase space reduction of the one-dimensional Fokker–Planck (Kramers) equation.
REFERENCES


REFERENCES

[325]

[135x681]REFERENCES

[135x681]325


REFERENCES


REFERENCES


Kierkels:2015:TET


Kierkels:2016:SSS


Komjathy:2016:FPP


Kifer:2017:TPR


Kiessling:2012:OEP

Kucherenko:2015:LPE


Kirr:2014:DSS


Krikun:2012:PTI


Konno:2013:LTO


Kobayashi:2016:FRE


Langmann:2010:LM

REFERENCES

Lan:2011:NCG

Landy:2013:LCS

Landy:2015:ESC

Lancellotti:2016:TAE

Lanchier:2017:RPB

Langer:2019:STC
References

CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Lim16] Paulo C. Lima. Low temperature analysis of correlation functions of the Blume–Emery–Griffiths model at the


Lam:2014:SPI


Leonel:2018:ICD


Lin:2012:FFL


Lukas:2011:HMC


Liepelt:2010:ISC


Lahbabi:2013:EDK

[LL13] Salma Lahbabi and Frédéric Legoll. Effective dynamics for a kinetic Monte–Carlo model with slow and fast time...


Landim:2019:MTD


Lund:2013:ECS


Li:2017:VR


Lopes:2012:DTE


Lowe:2012:MDR


Li:2013:NSD


references


REFERENCES

2019. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


Li:2012:ECD


Lopes:2013:TFC


Li:2016:LTE


Lindgren:2017:ATE


Lelarge:2018:RBC

Los:2017:IIC


Levin:2016:MEP


Latorre:2013:CER


Landim:2012:MGD


Lansky:2016:GNY


Loeffen:2019:ETN


REFERENCES


REFERENCES

Lafuerza:2010:GAM


Linshiz:2010:CRE


LaCour:2016:CSA


Lin:2017:WDD


Lu:2012:BSS


Lu:2013:BEB

REFERENCES


REFERENCES


REFERENCES


[LeClair:2018:IPB]


[Lim:2019:HCG]


[Liang:2012:FFP]


[Lim:2018:SML]


[Lin:2018:QPE]


[Liao:2018:GED]

Jie Liao, Qianrong Wang, and Xiongfeng Yang. Global existence and decay rates of the solutions near Maxwellian for non-

Li:2017:NSP


Liao:2019:TPT


Lin:2010:NSS


Li:2013:ENS


Luo:2016:SAL


Li:2016:SLS


Pui-Man Lam and Yi Zhen. Dynamic scaling theory of the forced translocation of a semi-flexible polymer through...

**Macdonald:2010:DCC**


**Machta:2013:DSC**


**Maes:2014:SFD**


**Maldonado:2012:FBC**


**Mansour:2011:TWF**


**Mulansky:2011:SWC**

M. Mulansky, K. Ahnert, A. Pikovsky, and D. L. Shepelyansky. Strong and weak chaos in weakly nonintegrable many-
REFERENCES


REFERENCES


REFERENCES


Marzen:2017:ICA


Marzen:2017:SRC


Mei:2019:MPS


Maiocchi:2012:SET


Moqaddam:2015:SDC


Majumdar:2010:ZTP

[MD10] Kingshuk Majumdar and Trinahan Datta. Zero temperature phases of the frustrated $J_1-J_2$ antiferromagnetic spin-1/2 Heisenberg model on a simple cubic lattice. *Jour-


REFERENCES


Mihailescu:2011:LGD


Misumi:2015:DLR


Misumi:2016:MTR


Minami:2018:MEM


Misumi:2019:DLR


Mitter:2016:FRD

P. K. Mitter. On a finite range decomposition of the resolvent of a fractional power of the Laplacian. *Journal*
REFERENCES

Mitter:2017:EFR


Mitter:2017:FRD


Miyao:2012:GSP


Miyao:2012:NOD


Miyao:2013:MPE


Miyao:2016:LRC

REFERENCES


[MLS16] Pankaj Mehta, Alex H. Lang, and David J. Schwab. Landauer in the age of synthetic biology: Energy consumption
REFERENCES


REFERENCES

[Mittnenzweig:2017:EGS]

[Mellet:2015:AET]

[Mazzone:2015:SMI]

[Moore:2018:REP]

[Martis:2013:EGS]
REFERENCES


[MN15] Christian Maes and Karel Netocný. Revisiting the Glansdorff–Prigogine criterion for stability within irreversible thermody-
REFERENCES


Mohamed:2011:EA


Mohazzabi:2017:BCD


Moll:2014:DRN


Molchan:2017:IBE


Molchan:2018:PEG


Monasson:2012:LSA

Monnai:2012:MRN


Montanari:2015:FOC


Morawetz:2011:ABS


Mori:2012:MAE


Mori:2015:QEN


Moriya:2018:EBL

REFERENCES


REFERENCES


REFERENCES

**Moirogiannis:2017:RCM**


**Mora:2016:JSI**


**Morais:2014:LJT**


**Morales:2019:FSR**


**Masi:2011:CRS**


**Masi:2012:NES**

Anna De Masi, Errico Presutti, Dimitrios Tsagkarogiannis, and Maria Eulalia Vares. Non-equilibrium stationary states in the symmetric simple exclusion with births and

**Mischler:2018:WSC**


**Mucha:2012:NMS**


**Modarresi:2013:NSA**


**Machado:2018:CCH**


**Menon:2010:KTL**

Maes:2011:RSD


Muscato:2011:ETM


Meerschaert:2012:FDM


Meester:2012:RSO


Mountford:2012:DPH


Marklof:2014:PLD

REFERENCES


REFERENCES


Sebastien Motsch and Eitan Tadmor. A new model for self-organized dynamics and its flocking behavior. *Journal of

Mehdipour:2016:SMH


Maes:2017:MDD


Maldonado:2018:CLR


Mihailescu:2013:EPC


Mayer:2015:CAR


Mihailescu:2016:OFM

REFERENCES


Mebane:2010:GMS


Marchetti:2012:ALT


Martinelli:2012:GDQ


Morimoto:2016:MVS


Mackey:2019:MER


Nakano:2014:LSO

Fumihiko Nakano. Level statistics for one-dimensional Schrödinger operators and Gaussian beta ensemble. *Journ-
REFERENCES


Charleston Noble, James P. Bagrow, and Dirk Brockmann. The role of caretakers in disease dynamics. *Journal of
REFERENCES


REFERENCES


REFERENCES


[Napiorkowski:2012:BCL] Marek Napiórkowski and Jarosław Piasecki. The bulk correlation length and the range of thermodynamic Casimir forces


Nakajima:2017:EEP


Nakano:2018:GBE


Niethammer:2016:URS


Niethammer:2014:USS


Nagar:2011:TRM


Ny:2013:AGP

REFERENCES


REFERENCES


Ohta:2014:JTK


Olivier:2014:MAC


Orlandini:2011:CRE


Ong:2014:PSC


Ono:2011:RTL

Osada:2018:DAD


Orsingher:2012:CRS


Orsingher:2010:FNL


Opoku:2015:CHL


Osmanovic:2016:NIO


Oliveira:2019:IDR

[OR19] Roberto I. Oliveira and Guilherme H. Reis. Interacting diffusions on random graphs with diverging average degrees:


REFERENCES


Panchenko:2012:SKM


Panchenko:2014:SRA


Panchenko:2016:SFR


Parisi:2017:MSB


Patrick:2011:DWS


Patrick:2017:SMC


Roberto A. Prado, César R. de Oliveira, and Silas L. Carvalho. Dynamical localization for discrete Anderson Dirac op-

**Pimentel:2017:SFH**


**Polettini:2019:EFR**


**Peliti:2011:SMN**


**Pellegrini:2014:CTO**


**Percus:2010:TPD**


**Percus:2013:RWF**

REFERENCES


REFERENCES


Plyukhin:2015:ABM


Poozesh:2017:FSA


Passemier:2015:ALS


Pollicott:2017:NTO


Posnansky:2016:VPH

Percus:2014:RBM


Praprotnik:2011:SPP


Povolotsky:2011:GGF


Pachon:2016:RGA


Perversi:2015:CWC


Popov:2015:DIP

[PR15b] Serguei Popov and Balázs Ráth. On decoupling inequalities and percolation of excursion sets of the Gaussian free
REFERENCES


Su-Chan Park, Damien Simon, and Joachim Krug. The speed of evolution in large asexual populations. *Journal of
REFERENCES


Pra:2013:SIT


Perry:2018:CAP


Patterson:2017:KED


Pacifco:2010:TFC


Palombi:2014:SDM


Pandya:2014:STE

REFERENCES


[QLCL16] Yu Qiao, Xuejiao Liu, Minxin Chen, and Benzhuo Lu. A local approximation of fundamental measure theory incorporated into three dimensional Poisson–Nernst–Planck equations to account for hard sphere repulsion among ions. *Jour-
REFERENCES


REFERENCES


Rabadan:2018:SMS


Rogers:2011:ITA


Rey-Bellet:2016:ICR


Rolland:2016:CTR


Ramola:2017:SRG


Riechers:2017:FWD

Paul M. Riechers and James P. Crutchfield. Fluctuations when driving between nonequilibrium steady states. *Journal

Reddy:2016:ISO


Ramos:2018:ODN


Roy:2015:TPD


Ribeiro:2013:OUL


Reichl:2009:MCS


gust 2017. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Ryals:2012:NSS


Ryter:2012:EPW


Ren:2017:ISP


Sakagawa:2012:FEG


Sakai:2018:HOP


Samaj:2013:TTC

REFERENCES


Sander:2013:ESP


Sancho:2018:SPA


Sollich:2012:NPI


Sachdeva:2014:ASG


Sachdeva:2014:EAS


Seleznev:2015:TTE

REFERENCES

Spricer:2015:CMP


Selley:2016:MFC


Sausset:2010:DSF


Schneider:2010:TSP


Shao:2010:GLE


Singh:2011:FTM

REFERENCES


Schreiber:2010:PWR

Schick:2011:MFE

Schehr:2012:EVW

Schlemm:2012:AFD

Schwarzenberger:2012:UAI
**REFERENCES**


REFERENCES

November 2018. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).


REFERENCES


**Shinada:2016:FDS**


**Sharipov:2010:CSL**


**Shang:2012:DCC**


**Shang:2018:FPF**


**Shcherbina:2011:ULE**


Bernie D. Shizgal. Pseudospectral solution of the Fokker–Planck equation with equilibrium bistable states: the eigenvalue spectrum and the approach to equilibrium. *Journal of
REFERENCES


REFERENCES


Sinha:2012:EDS


Sinha:2012:FOP


Spyridis:2014:PLD


Slowinski:2015:PDM


Schehr:2013:RPV

REFERENCES


REFERENCES

Simione:2015:EGS


Saito:2011:ECR


Sartori:2011:NFS


Shinault:2011:ACA


Samaj:2014:CIB


Salazar:2016:EEC

[ST16a] R. Salazar and G. Téllez. Exact energy computation of the one component plasma on a sphere for even values of the cou-


[Sta15] Marios Georgios Stamatakis. Hydrodynamic limit of mean zero condensing zero range processes with sub-critical initial

[Sausset:2010:BPK]

[Ste10]

[Ste19]

[Suga:2010:AML]

[Sun:2018:FCL]

[Swart:2010:NAR]
REFERENCES


Shcherbakov:2015:L


Szabo:2016:ARR


Sedlmeier:2011:WDI


Silva:2011:GKE


Starr:2012:ATI

REFERENCES


[SWKS14] Aaron Spettl, Thomas Werz, Carl E. Krill III, and Volker Schmidt. Parametric representation of 3D grain ensembles in


Tsuji:2010:RFM


Taggi:2015:CPC


Takata:2009:SLB


Takata:2010:RCS


Takata:2010:SUL


Takata:2015:TMS

Takahasi:2016:RPT


Tanaka:2018:FHM


Tasaki:2016:TTE


Tasaki:2018:LSM


Tasaki:2018:LEB


Tasaki:2019:LRO


[Tia14] Xueiting Tian. Pesin’s entropy formula for systems between $C^1$ and $C^{1+\alpha}$. *Journal of Statistical Physics*, 156(6):1184–1198, September 2014. CODEN JSTPSB. ISSN 0022-4715 (print),
461

REFERENCES


REFERENCES


[Turkington:2013:OPD]


[Toth:2012:SBS]


[Taufer:2015:CWE]


[Turova:2015:BPG]

REFERENCES

Tautenhahn:2016:SIN


Toth:2013:OMC


Tracy:2010:FAT


Teufl:2011:RSN


Tracy:2013:BGA

REFERENCES


REFERENCES


REFERENCES

vonBrecht:2013:SR


vonBrecht:2015:SR


Vaitheeswaran:2011:HI


vanderHofstad:2017:WSF


vanderHofstad:2018:CTC


vanderHoorn:2018:SME

[vdHLK18] Pim van der Hoorn, Gabor Lippner, and Dmitri Krioukov. Sparse maximum–entropy random graphs with a given power-


REFERENCES


REFERENCES


Wang:2011:LSD


Wittmer:2011:SFS


Webb:2011:EAF


Wegner:2014:MKG


Wegner:2017:MLP


Weisbuch:2013:SDS

REFERENCES

Wei:2016:LRD

Wei:2018:FEC

Wennberg:2012:FPL

Werness:2012:POS

Williams:2011:NUS

Wergen:2011:CBR


Widom:2017:FEM


Wilkinson:2010:PTS


Wilding:2011:ASE


Webster:2018:SGH


Wouters:2013:MLD


Wang:2017:NHK

REFERENCES

Weinreich:2018:IHO


Wust:2011:UBC


Weeks:2011:ISI


Wilkinson:2011:SOU


Weaver:2015:RCA


Wang:2010:DSM

REFERENCES

Wreszinski:2012:GSE

Wreszinski:2017:ENE

Weber:2019:DVS

Wu:2014:EAT

Wu:2015:PDL

Wu:2018:PAE


[Xu:2015:PTB] Yong Xu, Yongge Li, Juanjuan Li, Jing Feng, and Huiqing Zhang. The phase transition in a bistable Duffing system
REFERENCES


REFERENCES


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


REFERENCES

Yin:2016:DIN

Yasser:2013:VPC

Yasuoka:2016:WAV

Yang:2011:SSW

Yoo:2010:FMS

Young:2017:GSM
Lai-Sang Young. Generalizations of SRB measures to nonautonomous, random, and infinite dimensional systems.


REFERENCES

Zhao:2013:PIN

Zhang:2011:RFE

Zamparo:2019:MRT

Zia:2011:MTP

Zhang:2011:MLP

Zhu:2018:IEW
REFERENCES


REFERENCES


\[\text{Zhang:2012:IKI}\]


\[\text{Zhang:2012:DFF}\]


\[\text{Zhang:2013:TAK}\]


\[\text{Zhang:2014:MSI}\]


\[\text{Zhang:2015:LUB}\]


\[\text{Zhelezov:2013:PRO}\]

Zhou:2017:EEI  

Zhou:2018:WTN  

Zhang:2016:RBD  

Zhu:2017:ASC  

Zhao:2015:SMM  

Zia:2010:TFY  
R. K. P. Zia. Twenty five years after KLS: A celebration of non-equilibrium statistical mechanics. *Journal of

Zinn-Justin:2014:RVM


Zhang:2013:CGR


Zhang:2019:FRA


Zhang:2013:FFK


Zhang:2019:MS

REFERENCES


REFERENCES


Zuck:2011:YWI


Zeng:2010:CNE


Zhou:2012:RGP


Zhong:2013:SRL


Zhong:2015:TNI