# A Selected Bibliography of Publications by, and about, George E. Uhlenbeck

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## Title word cross-reference

$(\alpha, q)$ [Sza12, Sza13]. $(N, d)$ [WC97]. **$12.50** [Uhl63a]. **$13.75** [Bri62, Uhl60a]. $^6$ [WU34b]. $\alpha$ [HP14, Pat07, ZZ13]. $\beta$ [Fra05, KU35a, KU41]. $\mathcal{N} = 2$ [Mas15, Mas16a]. $D$ [KS08, WX15]. $e/m$ [UY30]. $\ell$ [KLS16]. $\gamma$ [RU35]. $H$ [RD05]. $l^2$ [CL90, CCS92, IM89, IMM$^+$90, CLS93]. $L^p$ [Fat09, Sch90]. $L_1$ [KP94]. $l_p, p \in [1, \infty[$ [Fer92]. $\mu$ [UC52]. $N$ [KL06, KL08, RE13]. $p > 0$ [Fat09]. $q$ [Sza12, Sza13, Wan16]. $S^a$ [Ive10]. $U$ [AM14, Har05]. U(3) [ASA89]. $Z^a$ [Ive10].

**-conformal** [KLS16]. **-conjecture** [Har05]. **-Dimensional** [WX15]. **-Functionals** [Fat09]. **-Meson** [UC52]. **-norm** [CL90, CLS93, KP94]. **-optimal** [KS08]. **-Ornstein** [Sza13, Sza12, Wan16]. **-Particle** [KL06, KL08, RE13]. **-Radiation** [RU35]. **-Radioactivity** [KU35a, KU41]. **-Stable** [Pat07, HP14, ZZ13]. **-Statistics** [AM14]. **-theorem** [RD05]. **-Valued** [IM89, IMM$^+$90, CCS92, Sch90]. **-Wiener** [Sza12, Sza13].

**1** [McL62]. **1939** [Uhl40]. **1958** [Uhl59b]. **1960** [Kac60]. **1962** [McL62]. **1964** [Mei65]. **1969** [WH72]. **1972** [Meh73]. **1988** [dB89].

**20th** [Meh73].

**Aachen** [Mei65]. **aan** [van35]. **aangeboden** [van35]. **absolute** [Sim11]. **Absorption** [Dir75]. **Academy** [WH72]. **accept** [Ano54a]. **According** [EU27a, WU34a]. **Accuracy** [Bis01]. **accurate** [Yan17]. **achievements** [Woo80]. **Action** [PU50, SSMS17]. **Adaptive** [GMS93]. **Added** [Ano38b]. **Addison** [Uhl59b]. **Addison-Wesley** [Uhl59b]. **Additive** [MM05]. **Admission** [BPS15]. **Aeronautics** [Ano74]. **Again** [Rai85]. **Age** [Sul78]. **Aggregation** [OV04]. **Albert** [Woo80]. **Aléatoires** [Fer92, Fer90]. **algebra** [KLS16]. **algebras** [And14a]. **Almost** [KL06, KL08, Xin12]. **Alte** [Uhl62a]. **alternating** [CU70a]. **alternative** [DMTUV09, Mas16b]. **American** [WH72, SK13, Rom91]. **Ammonia** [DU32]. **Amsterdam** [Bri62, Uhl60a, Uhl63a]. **Analysis** [CK19, LU31, Mia13, Sim91, WZ11]. **analytical** [CF17]. **Angular** [FU50a]. **Anharmonic** [MM05]. **Anomalous** [Ben38]. **Ansatz** [KU35b]. **Answered** [Lau56]. **Application** [Eng10, LU31]. **Applications** [CT73, S.64, BCNP15, ELY99, Fas13, PSLL15, UF62, WSW15, ZWB17]. **Appointments** [Ano38b]. **approach** [ACVV17, BBD$^+$14, CF17, DMTUV09]. **Approximate** [YU30, BB01, Bis06]. **Approximation** [CP07, LP00, Bis01, Uhl60c]. **Approximations** [Tho75]. **Arts** [WH72]. **aspects** [Uhl62b]. **Assistants** [Ano38a]. **associated** [BDT11]. **Associates** [Ano38a]. **Astronautics** [Ano74]. **Asymptotic** [APvZ01, Bee75, BW94, Fas10, HA13, Kaw13, KK11, Sim95, ZZ19, vB09, Shi12, Xin12]. **Asymptotics** [Fat09, Kol01, WX15, HP14, Jeg09]. **atom** [GU26a, vCH18, GU26a]. **Atomic** [Ano54b, Lau56, RU53]. **atoombom** [vC16]. **Attraction** [LS00]. **autocorrelation** [HA13]. **autocovariance** [Fas10]. **autoregression** [APvZ01]. **Average** [Lac05]. **Award** [Ano54b, Ano54a].

**B** [Bus60, Uhl60a]. **Banach** [ÁLBRM16, Mas07, Sch93]. **bankruptcy** [WZ11]. **Barnard** [Ano38a]. **based** [DNO18, RS12]. **basic** [Uhl50]. **basis** [Jør78]. **Bayes** [Bis01]. **Bayesian** [GS10, RPD04]. **Be** [Ano38b, Lau56, Ano54a]. **before** [BS85]. **behavior** [CS95, FZ99, UG25, UB37]. **Behaviour** [Ben05, ZZ19]. **behoud** [Uhl36]. **Berry** [ES13, Jia12]. **Bessel** [DMRYZ04]. **Beta** [FU50a, KU36]. **Beth** [BBD$^+$14, LLAT16]. **Between** [Uhl80a]. **bezüglich** [UG25]. **biography** [Coh90b]. **Birth** [BS85]. **Boer** [Bri62, Buf63, Koz66, McL62, Rei63]. **Boltzmann** [CT73, EU27a, FU70b, FU76, Uhl55a, Uhl73b]. **Boltzmannschen** [EU27a]. **bomb** [vCH18]. **Book** [Bri62, Buf63, Koz66, McL62, S.64, Uhl40, Uhl41, Uhl59b, Uhl60a, Uhl63a, Uhl73a]. **Bose** [SK99, UU33, UG32, UU32, ZUK77]. **Bougerol** [Vak12]. **Boulder**

[Kac60, KU59]. **Bound** [Tho11, ZZ16]. **Boundaries** [BWY11]. **Boundary** [CKS99, MS09b, RS87, Roc92, Mor94]. **Bounds** [Jia12, Bor85, ES13]. **branched** [SSMS17]. **Branching** [AM14, Eng10, Li00, AM15a, CM18, EH82]. **bridges** [Maz17]. **Brillouin** [YU30, HM75]. **Broglie** [EU26a]. **Broglieschen** [EU26a]. **Brownian** [BW94, CP07, DMLF+17, FMW06, Igl05, Jør78, UG29, UO30, Vak12, WU45b, WU45c, WU45a, vLU31]. **buffer** [CS95].

**C** [Uhl40]. **calculation** [VU37, Yan17]. **Canonical** [SSMS17, DMTUV09, RU50, Uhl35]. **Capacitors** [EK05]. **Capacity** [CKS99]. **Carlo** [Gri68]. **case** [Sus89]. **Casimir** [Uhl60a]. **Catalyst** [FMW06]. **catastrophes** [GNdC12]. **Cauchy** [GO00, Min92a, Pol90, Sus86]. **caused** [Mia13]. **celebrate** [Woo80]. **centennial** [Woo80]. **Center** [Eng10, Gil13]. **Centre** [Meh73]. **century** [Meh73, FW60]. **Certain** [DMM62]. **certaines** [Fer90]. **Chang** [HM75, Sté03, Ani17, Che02, Del03, FH66]. **change** [CMN18]. **change-point** [CMN18]. **Chapman** [Uhl41]. **Characteristic** [Vri16, Mit87]. **Characterization** [Har05, SG15]. **Characterize** [Tay89]. **Charged** [PU49]. **Check** [FK89, FK90]. **chemistry** [BS85]. **chiral** [ASA89]. **Choh** [GCF66]. **circle** [Nor98]. **claim** [Sch14]. **Class** [PS05]. **Classes** [BOGP12, XZW09, GP11]. **classical** [BP07, UB36, Uhl60c]. **Clinical** [Ano38a]. **CLT** [AM15a]. **cluster** [LLAT16]. **Co** [Sul88, Fas13]. **Co-Discoverer** [Sul88]. **co-integration** [Fas13]. **Codiscoverer** [Sul78]. **Coefficient** [PU59, LLAT16]. **coefficients** [Mit87]. **coherent** [Bag11, PG13]. **Collected** [Uhl60a]. **College** [Ano38a, Ano38b]. **Colleges** [ESU68]. **collision** [FH66, Sus86, Sus89, Sus93]. **Colorado** [Kac60, KU59]. **Columbia** [Ano38a, Ano38b]. **Combinatorial** [FU56a, FNU56, FU56b, FU57]. **Comment** [Cer73]. **Comments** [BCG13, Smi09]. **commodity** [ZGO12]. **common** [DG13]. **Company** [Uhl59b]. **Comparison** [DM72]. **Complete** [Ano38a]. **complex** [ABI99]. **complexified** [DMTUV09]. **Component** [Nov04]. **concept** [Ano54a, BS85, SK99]. **conception** [Meh73]. **condensation** [KU37, KU38, SK99]. **Conditional** [Sal84]. **Conditions** [WTZ15, Mor94]. **Conductivity** [CUdB64]. **Conference** [Lau58]. **conferences** [WH72]. **Conformal** [And14a, AGGM14, KLS16]. **conjecture** [Har05]. **connected** [Row86]. **connection** [EU26b]. **conservation** [Uhl36]. **Consistency** [ÁLBRM16]. **constant** [CS95]. **Constraint** [Maz17]. **Construction** [Jør78, KP04, TM08]. **contingent** [Sch14]. **contingent-claim** [Sch14]. **Continuity** [IMM+90, LiS09, CCS92, CL90, CLS93, MS92, Sim11]. **continuous** [GS10, Sch14]. **continuous-time** [Sch14]. **Continuum** [WTZ15]. **contrast** [Bis06]. **Contributions** [FU70a, FU70b, FU76, SU42]. **Control** [FP03, BPS15]. **Convergence** [Bis08b, EM05, Fan04, AHR17, BB01, Bis06, OV04]. **Conversion** [RU35]. **convex** [BDT11, Har05]. **Corp.** [Ano54a]. **Corporation** [Ano54b]. **corrections** [Row86]. **Correlated** [FK02]. **Correlation** [FU50a, FU50b, Har05]. **Cosmic** [SU43, NLU40, SU42]. **cosmic-ray**

[NLU40, SU42]. **cosmological** [PSLL15]. **Couette** [Pie91]. **Coupling** [Del03, Wan11a, GU26a]. **Course** [Uhl59b]. **Covariant** [UL31]. **Cowling** [Uhl41]. **Cox** [CW93]. **credit** [CS09]. **criterion** [Shi90]. **Critical** [Deu89, HKU64, SK99, UH65, Uhl78]. **Crossings** [CKS99]. **curves** [JM14]. **Cut** [Lac05]. **Cut-off** [Lac05].

**D** [Ano38a, Ano38b, Uhl59b]. **Dans** [Fer92]. **Dead** [Sul78]. **Death** [CW93]. **Decade** [Coh71]. **Decay** [Fra05, KU36]. **december** [dB89]. **Decomposability** [App06]. **decomposition** [KYH16, MS09b]. **definition** [PS09]. **Deflection** [UY30]. **Deformation** [BMMR15, KLS16]. **degree** [JDD13]. **demeaned** [Ai16]. **Dense** [GCF66, BBD+14, UF63a]. **Densities** [KK11, NRS85, RS87, Jeg09]. **Density** [RS88, Tho11, VU37, XXY12]. **dependence** [IT99]. **dependent** [CS95, CKX09, KYH16]. **derivation** [dBvW78]. **derivative** [Üst95]. **Derivatives** [KU35b, vB09]. **designs** [BSS13, BS15, KS08]. **Deutons** [WU34b]. **Development** [Meh73, S.64, RU53, UF62]. **Deviation** [GJ09a, Gas11]. **Deviations** [BR02, BCS11, Deu89, FLP99, Hec99, IM89, dRdC17, BR15, BR17, Bis08a, DMRYZ04, GJ09a, GJ09b, UB36]. **Dies** [Sul88]. **different** [EU26b]. **differential** [FK11]. **Diffusion** [DR98, FK02, Kol01, Mor94, AHR17]. **Diffusions** [Sim95]. **Digit** [LG78, Rai85, Rai76]. **dilemma** [SK99]. **dilute** [Uhl74, Yan17]. **dimension** [Bak82]. **Dimensional** [EU26a, GZ10, KUH63, WX15, AC87, App15, EU26b, Sha93, Uhl25]. **dimensions** [MS92]. **diquarks** [BBD+14]. **Dirac** [LU31, MD05, Sus89, UU33, UL31, UG32, UU32]. **Directional** [FU50b]. **Dirichlet** [Sch93]. **Discoverer** [Ano54a, Sul88]. **Discoveries** [Lau58]. **discovery** [Gou71, Sul78]. **Discrete** [BS98, KM12, Kaw13, Ren87, Glo01, KM11, Mia13, Min92b, Min92a]. **discretely** [Bis06, ES13, Lon09, Ma10, Shi12, ZZ13]. **Discussion** [HKU64, KUH63, UHK63]. **Disintegration** [WU34a, WU34b]. **distance** [DY10]. **Distribution** [BD13, Dan91, DMM62, JP99, KK11, MYZ67, Sim95, Yur17, AKS96, BG91, PS09, TL09, UG35, UHK63, ZW17]. **distribution-valued** [BG91]. **Distributions** [Bee75, Fat09, LS00, PS05, XZW09, Lef97, LiS09]. **divergence** [Üst95]. **dividends** [WZ11]. **divisibility** [LiS09]. **Division** [McL62]. **Does** [SK99]. **Domain** [LS00]. **D'Ornstein** [Fer92, Bak82, Fer90, Jac85]. **doubly** [SWW15]. **Dr.** [Ano38b]. **Drift** [AM15b, Jia12, GJ09a, HW97, JD15, QH95]. **drifts** [FZ99]. **Driven** [BDY07, KR94, MM05, Ped02, PS05, Wan12, Abd15, AIK18, App15, BPS14, BN08, DY10, FK11, HP14, HLT16, JVV05, Mai14, Mas04, MY13, TL09, Vri16, Wan11b, ZZ13, ZWB17]. **durch** [UG25]. **during** [KU36]. **Dutch** [Ano54b, GU25, GU26b, Uhl24, Uhl25, Uhl27, Uhl36, Uhl55b]. **Dying** [Kol01]. **Dynamics** [Ano74, Smi09].

**E.** [Ano38a]. **each** [UG25]. **early** [ZGO12]. **early-exercise** [ZGO12]. **easy** [SK99]. **Economics** [Ano38a]. **Ed** [Uhl60a]. **Edgeworth** [MY13]. **Editorial**

[Rom91]. **Editors** [McL62]. **Eds** [Bri62]. **effect** [Dio16, Mia13]. **effects** [Mor94]. **Efficiency** [Str58]. **Efficient** [Mai14, ZGO12]. **Ehrenfest** [Uhl60a, MUG+33, Uhl56]. **Eigenfunction** [AC87]. **Eigenfunctions** [Tay89]. **Einstein** [EU27b, SK99, UU33, UG32, UU32, Uhl80b, Woo80, ZUK77]. **Einsteinschen** [EU27b]. **einzelnen** [UG25]. **Elastic** [vLU31]. **electric** [Ive10]. **Electromagnetic** [PU49]. **Electron** [Ano54a, RU35, Sul78, Sul88, Tho26, GU26b, Gou71, UG25]. **Electrons** [FU33a, UG26, UG67, UGB84, BS85, FU33b]. **Elektrons** [UG25]. **elettroni** [FU33b]. **Ely** [Ano38b]. **Emission** [KU36]. **Empirical** [Deu89, Hec99]. **energie** [Uhl36]. **energies** [Pav16]. **Energy** [KL15, Seg85, UG35, Uhl36, VU37]. **ensemble** [RU50, Uhl35]. **Entropy** [WX15]. **Envisions** [Lau56]. **equality** [Har05]. **Equation** [CT73, DR98, HM75, KL06, KL08, UG32, Uhl55a, Uhl73b, YU30, Ani17, BDT11, Che02, EU26b, EMV07, EMV08, FU70b, FU76, Min92b, Min92a, Pie91, PSV18, RU53, Sus86, Sus89, Yan17, dBvW78]. **Equations** [Kol01, LU31, Mas07, UL31, AL97, Del03, FK11, Pie92, Sté03, Sus93, dBvW78]. **Equidistant** [KS08]. **Equilibrium** [CM97, HKU64, KUH63, DMLF+17, FU70a, Mei65, PU69, UHK63]. **Equivalence** [CW93]. **ergodic** [Tra17]. **Ergodicity** [HLT16, Wan12]. **Ersetzung** [UG25]. **Esseen** [Jia12, ES13]. **estimate** [KP94]. **estimated** [Abd15]. **Estimates** [CKS99, Str58]. **Estimating** [Gri68]. **Estimation** [BPvZ03, BDY07, FLP99, HKST17, WTZ15, AHR17, AM15b, BY12, Dio16, DY10, Fas13, Glo01, HN10, JD15, Mai14, ZZ16]. **Estimator** [ZZ19, Bis01, ES13, Lon09, Ma10, ZZ13]. **Estimators** [Bis08b, Jia12, AKS96, Bis01, BB01, Bis06, GJ09a]. **Euclidean** [ASA89]. **Eugene** [Cas88, OR01, dB89, vB13]. **Euler** [AL97, Del03]. **European** [Sul78]. **Evolution** [Kol01]. **Exact** [AKS96, Fat09, KM11, KK11, Zha11]. **exactly** [CM18]. **examples** [KMiS06]. **exercise** [ZGO12]. **Existence** [Sus89, Sus93]. **Exit** [Sim95, BN08, Pat07]. **Expansion** [Igl05, MY13]. **Expansions** [LP09, Ai16, AC87]. **Experiments** [UY30]. **Explained** [Lau58]. **Explaining** [Lau56]. **Exploring** [WH72]. **Exponential** [NRS85, Wan12, KMiS06, ZWB17]. **Exponentials** [MS09a]. **extension** [DMTUV09, FK89, FK90, Uhl25]. **extremes** [Fas10].

**F** [Uhl59b]. **Faculty** [Ano38b]. **family** [KP04]. **Fast** [Kol01, Yan17]. **features** [BCG13]. **Fermi** [KU35a, KU35b, KU41, Sus89, UU33, UG32, UU32, WU34a]. **Fernique** [CCS92]. **Ferromagnets** [Dys69, Dys71]. **Ferziger** [Uhl73a]. **Field** [CM97, PU49, PU50, JDD13]. **Fields** [CGXM96, Fan04, CGXM97, CU70a]. **Fifty** [Uhl76]. **Figures** [GF44]. **filtering** [CKX09]. **filtration** [Jac85]. **financial** [WSW15]. **Finite** [Gri68, KM11]. **Finite-Time** [Gri68]. **First** [BWY11, Lef97, LG78, NRS85, Nov04, Rai85, RS88, SWW15, Tho75, Tho11, Dit07, HP14, Rai76, Vee15]. **First-Passage** [Nov04, Tho75, Dit07]. **First-Passage-Time** [NRS85, RS88]. **fit** [AIK18]. **Fitting** [ZZ19]. **Five**

[EU26a]. **Five-Dimensional** [EU26a]. **Flow** [Ben05, Pie91]. **Flows** [FK02, Fan04, vB09]. **Fluctuation** [FU76, NLU40, SU42, FU70b]. **Fluctuations** [FMW06, GZ10, FU70a]. **Fluid** [KR94, Sim91, Uhl80a, CS95]. **Fluids** [ESU68]. **Fokker** [KL06, KL08]. **Following** [UL31]. **Fonctions** [Fer92, Fer90]. **Forbidden** [KU41]. **Force** [CM97, CU70a, UG25]. **Ford** [FK89, FK90, Row86, S.64]. **Forderung** [UG25]. **form** [Min92b]. **formalisms** [And14b]. **Formation** [RU35]. **forms** [Sch93]. **formula** [LLAT16, SG15, Vee15]. **formulation** [Mas16b, Mos10, SSMS17]. **four** [Pie91, Pie92]. **four-velocity** [Pie91, Pie92]. **fourth** [BMMR15, MD05]. **Fractional** [BCS11, CKM03, CK19, FK11, Igl05, MS09a, AM15b, Bis08a, BPS15, CP07, ES13, HN10, SG15]. **Fragen** [Uhl62a]. **fragmentation** [BB15]. **Frames** [LP09]. **free** [Mar81]. **freedom** [JDD13]. **French** [Bak82, Fer90, Fer92, Jac85]. **Frontiers** [Lau58]. **function** [Vri16]. **Functional** [DMM62, ÁLBRM16]. **Functionals** [ABI99, Fat09, KK11]. **Functions** [DM72, DG13, Fas10, Fer90, Fer92, Har05, Pat07, UHK63]. **Fundamental** [Coh68, EMV07, Uhl60b]. **fünfdimensionalen** [EU26a]. **Furry** [NLU40]. **Further** [SU42].

**G** [Ano38b, Bri62, Buf63, Bus60, Koz66, McL62, Rei63, S.64, Uhl41, Uhl60a, Uhl73a]. **G.** [Ano89, Coh90b]. **Galilei** [KLS16]. **Gallery** [Pai00]. **Gamma** [FU50a, IT99, KU36]. **Gamma-Angular** [FU50a]. **gamma-mixed** [IT99]. **Gangolli** [Jør78]. **Gas** [Ano74, UG32, UU32, CU70a, UB36, UB37, UH65, Yan17, ZUK77]. **Gases** [CUdB64, CUFF70, FU67, GCF66, UU33, CU70b, CU70c, FUF72, RU53, UF62, UF63a, Uhl74, S.64, Uhl41, Uhl73a]. **gauge** [JDD13]. **Gaussian** [BG91, CL90, GZ10, GS06, GS10, Gri68, LP09, RS12, RPD04]. **genealogy** [CM18]. **general** [Mas04, RD05, ZZ16]. **généralisé** [Jac85]. **Generalised** [EM05, CMN18]. **Generalization** [GCF66, Sza12, Sza13, CU70a]. **Generalized** [And15, BOGP12, BMW$^+$06, BBD$^+$14, Cha90, HS81, LZ16, Mit87, Yur17, BY12, EM08, Fas10, Ive10, LLAT16, LiS09, Pat07, Wit84]. **generated** [CL90]. **generation** [FK89, FK90]. **generators** [CMG02]. **Genius** [Pai00]. **Geometric** [Bor85]. **George** [vB13, Cas88, Coh90a, Dre89, OR01, Sul88, dB89]. **German** [EU26a, EU27b, EU27a, GU26a, UG25, Uhl62a]. **Germany** [Mei65]. **Gets** [Ano38a]. **ghost** [DMTUV09]. **Gideonse** [Ano38a]. **given** [TL09]. **Gives** [Ano54b]. **Goal** [Lau56]. **Goodness** [AIK18]. **Goodness-of-fit** [AIK18]. **Goudsmit** [Ano54a, BS85, Ive10, Sul78, vC16, vCH18]. **Graphical** [EU26a]. **Graphische** [EU26a]. **Graphs** [S.64, FK89, FK90, FU56a, FNU56, FU56b, FU57, Row86, UF62]. **gravity** [Mar81, oT06]. **Gross** [Üst95]. **Grossissement** [Jac85]. **Growth** [vB09].

**H** [Uhl60a, Uhl73a]. **H.** [Ano38a]. **haar** [Uhl25, TM08]. **Haar-like** [TM08]. **Hamiltonian** [And14b, Kol01, Mas16b, Mos10, SSMS17]. **happened** [Ano54a]. **harmonic** [LP00]. **Harnack** [Wan11b]. **Harvard** [Lau58]. **having**

[Mit87]. **Heat** [CUdB64]. **Heavy** [BD13, BPS15]. **Heckius** [Uhl24]. **Held** [Meh73, Mei65]. **helium** [GU25]. **Hibbs** [Bus60]. **hierarchical** [HA13]. **Higher** [KU35b, PSLL15]. **Hilbert** [ÁLBRM16, App06, BDT11, FP03, Jeg09, Liu08, Liu12, LZ16]. **Historical** [Seg85, Uhl78]. **history** [KHFA67, WH72]. **Hitler** [vC16, vCH18]. **Hitting** [Lac05, Vak12, Lef97, SWW15]. **Hodgkin** [HLT16]. **Holland** [Bri62, Uhl60a, Uhl63a, Ano38b]. **homogeneous** [Sus86]. **Honored** [Ano54a, Ano54b]. **Hooke** [And14a, AGGM14]. **hot** [BBD+14]. **hunt** [vCH18]. **Husimi** [HU53]. **Huxley** [HLT16]. **Hydrodynamic** [FMW06]. **hydrodynamical** [FU70a]. **hydrogen** [Ani17, GU25]. **Hypercontractivity** [CS08, HW97, QH95]. **hyperfine** [Bel82]. **hypergeometric** [Pat07]. **Hypothese** [UG25]. **Hypotheses** [LS19]. **hypothesis** [Ive10, UG25].

**idea** [Ano54a]. **Ideal** [UU32, UG32, UB36, UB37, ZUK77]. **identity** [Vak12]. **II** [Koz66, BDT11, FNU56, FU70b, FU76, KU41, PKU72, SU42, UB37, UHK63, WU45b, WU45c, WU45a, dBvW78]. **III** [FU56b, HKU64]. **Illus** [Uhl63a]. **Illustration** [EU26a]. **im** [GU26a]. **Immigration** [Li00]. **importance** [ELY99]. **indexed** [BH12, Nor98]. **Indirect** [RS12]. **inequalities** [CCS92, GJ09a, Wan11b]. **inequality** [Har05]. **inertial** [Mor94]. **Inference** [CMN18, GS06, RPD04, APvZ01, GS10, JVV05, RS12]. **infinie** [Bak82]. **Infinite** [App15, KM12, AC87, Bak82, BB15, Cha90, LiS09, MS92, Sha93]. **infinite-dimensional** [Sha93]. **infinite-particle** [Cha90]. **inhomogeneous** [Sus89, Vri16]. **injection** [Jør78]. **inner** [UG25]. **inneren** [UG25]. **Input** [Sim91, BPS15, BCNP15, CS95, HLT16]. **inspired** [PSLL15]. **Institute** [WH72]. **integrability** [AT90]. **integral** [Sus86, Sus89, Sus93]. **Integrals** [BOGP12, EM05, KMiS06]. **Integrated** [Dan91, Fas10, Glo01, HP14, HKST17, MY13]. **integration** [Fas13, SG15]. **Intensity** [CW93, CS09]. **Interacting** [RE13, Gil13, HS81]. **Interaction** [Eng10, KU35b, PU49]. **interactions** [PSV18]. **Intermittency** [GLST16]. **Internal** [RU35]. **International** [Ano64, Meh73, Mei65]. **Interpretation** [EU27a]. **Interscience** [Bri62, McL62, Uhl60a, Uhl63a]. **interval** [WC97]. **Intervals** [FP03]. **intrinsic** [BS85]. **Introduction** [Uhl60a]. **Invariance** [Deu89]. **Invariant** [FP03]. **inventory** [KHFA67]. **investigating** [CS09]. **investigations** [AF02]. **Isolated** [KL06, KL08]. **isomers** [HU38]. **Isotropic** [vB09]. **issue** [SSMS17]. **Italian** [FU33b]. **Italy** [Meh73]. **Iterated** [Jia12, Sha93]. **Itiro** [Uhl63a]. **IV** [FU57].

**J** [Bri62, Buf63, Koz66, McL62, Rei63, Uhl60a, Uhl73a]. **jacht** [vC16]. **Japanese** [Uhl63a]. **jedes** [UG25]. **Johannes** [Uhl24, Uhl24]. **John** [McL62]. **Journal** [Rom91]. **Jump** [BWY11, Nov04, Cha90]. **jump-type** [Cha90]. **Jumps** [App06, CS09, Kaw13, Tra17, Wan11a, Wan16, ZWB17]. **June** [Mei65].

**Kac** [Bus60]. **Kaper** [Uhl73a]. **Karhunen** [Ai16]. **Kernel** [FH66]. **Key** [Ano54b]. **Killing** [Wen90]. **kind** [AM15b]. **Kinetic** [CUFF70, GCF66, KL06, KL08, AL97, CU70a, Che02, Sus86, Sus89, Sus93, Uhl62b, UF63a, Uhl74, dBvW78]. **Klein** [Uhl60a, EU26a]. **Known** [Sza12, Sza13]. **Kolmogorov** [BDT11]. **Konopinski** [Fra05]. **Kopplungsmöglichkeiten** [GU26a]. **Koshiba** [Uhl63a]. **Kraichnan** [Fan04]. **Kramers** [YU30].

**L** [Uhl59b]. **Lagrangians** [PSLL15]. **LAN** [Tra17]. **Landau** [Uhl59b]. **Laplace** [Jac96]. **Laporte** [Blo44]. **Large** [BR02, BCS11, BR15, BR17, Bis08a, Deu89, DMRYZ04, FLP99, Hec99, IM89, Wan16, dRdC17, Gas11, Min92a]. **Law** [Ben38, Jia12, ZZ09, Sha93, UK37]. **Least** [Lon09, Ma10, ES13, ZZ13]. **Lectures** [UF60, UF63b, UF86, UF65]. **Lee** [Ano38a]. **Leiden** [Uhl80b]. **Lekcii** [UF65]. **levels** [VU37]. **Lévy** [Abd15, AIK18, App15, BN08, BDY07, DY10, DNO18, EM05, FK11, HP14, JVV05, KK11, KMiS06, LZ16, Lon09, Ma10, Mai14, Mas04, MY13, Ped02, PS05, TL09, Vri16, Wan11b, Wan12, ZWB17]. **Lévy-driven** [Abd15, AIK18, BN08, FK11, JVV05, Mai14, TL09, Vri16, ZWB17]. **Li** [WU34b]. **Lifshitz** [Uhl59b]. **like** [TM08]. **likelihood** [Bis01, BB01, BY12, Mai14]. **Limit** [CM97, FMW06, RE13, Yur17, BP07, EH82]. **Limitations** [Uhl73b]. **limits** [AL97, Cha90, HS81]. **Linear** [DM72, FP03, Jia12, KL06, KL08, S.64, FZ99, FK89, FK90, GJ09a, HKST17, JD15, UF62]. **linearized** [EMV07, FH66]. **Liquid** [HKU64, KUH63, UHK63]. **List** [Ano38a, FK89, FK90, Row86]. **Local** [Kaw13, Shi12, ELY99, LP00, TLZ12]. **Localized** [PU50]. **Loève** [Ai16]. **Logarithm** [Jia12, Sha93]. **London** [Uhl59b]. **Long** [FK02, IT99, MY03]. **Long-Memory** [MY03]. **Long-Range** [FK02, IT99]. **longitudinal** [JDD13]. **Lorentz** [Uhl25]. **low** [UB37]. **Lower** [Tho11, ZZ16]. **Lyapunov** [DG13].

**M** [Uhl59b]. **magnetic** [BS85, Ive10]. **magnetism** [BS85]. **make** [SK99]. **man** [Ano54a]. **Manifold** [CM97, Jør78]. **Many** [Sul78]. **Marc** [Bus60]. **marginal** [TL09]. **Markov** [CS95, HJM$^+$16, Shi90, TLZ12, ZW17]. **Markov-modulated** [HJM$^+$16]. **Markovian** [SK13]. **Martin** [Uhl60a, Roc92]. **Martingale** [App06]. **Martingale-Valued** [App06]. **Martingales** [Nov04, ELY99]. **Mass** [Eng10, Gil13]. **massive** [oT06]. **Mathematical** [Uhl41, Uhl73a]. **matter** [BBD$^+$14]. **Maxima** [Gri68]. **maximum** [Bis01, BB01, BY12, Mai14]. **Maxwell** [LU31]. **may** [Ano54a]. **McKean** [Jør78]. **Mean** [Deu89, Tho75, BPvZ03, DNO18]. **measured** [BS15]. **Measures** [App06, FP03]. **Mechanical** [EU27a]. **Mechanics** [Coh68, Coh71, McL62, Mei65, UF60, Uhl63a, UF63b, Uhl63b, Uhl71b, Uhl80a, UF86, dBU62, dBU64, dBU65, Coh90a, Uhl50, Uhl60c, Uhl60d, Uhl62a, Uhl66, Uhl68, Uhl71a, UF65, Bri62, Buf63, Koz66, Rei63, Uhl40]. **mechanik** [UF65, Uhl62a]. **Medal** [Ano64]. **meerdimensionale** [Uhl25].

**Mei** [van35]. **Memorable** [Rom91]. **memorial** [FW60]. **memoriam** [Ano89]. **Memory** [MY03]. **Meson** [UC52]. **mesons** [BBD+14]. **mesoscopic** [SK99]. **Method** [GCF66, Cic05]. **Methoden** [Uhl27]. **Methods** [Uhl27, EU26b, RS12, Uhl60c]. **Minima** [DU32, Gri68]. **Minimal** [KLS16, Tay89]. **Minimum** [DY10, Bis06, KP94]. **Miramare** [Meh73]. **Mischungsparadoxon** [EU27b]. **Mixed** [CK19, Dio16, HKST17, IT99, Shi12]. **mixed-effect** [Dio16]. **Mixing** [EU27b]. **mixtures** [FUF72]. **Model** [Abd15, CW93, Fan04, FLP99, HM75, KUH63, KR94, ASA89, AT90, Bag11, Dio16, DNO18, HLT16, HKST17, Min92b, NLU40, Pie91, Pie92, SK13, Yan17]. **modeling** [CS09]. **models** [Bis08a, BCNP15, CS09, CS95, GS10, HA13, Min92a, RS12, Sch14]. **Moderate** [GJ09b, GJ09a]. **modulated** [HJM+16]. **moduli** [CCS92, CL90, CLS93]. **molecular** [Ani17]. **Molecule** [DU32]. **Moment** [WTZ15, BS85]. **Moments** [RS88, Vee15]. **Monatomic** [FU67, CU70b, FUF72]. **mono** [RU53]. **mono-atomic** [RU53]. **monotonic** [BS15]. **Monte** [Gri68]. **Moser** [AT90]. **Motion** [CM97, FMW06, Igl05, Tho26, UG29, UO30, Vak12, WU45b, WU45c, vLU31, BW94, DMLF+17, Jør78, WU45a]. **motions** [ZZ13]. **Multi** [GZ10, EU26b, Uhl25]. **Multi-Dimensional** [GZ10, EU26b, Uhl25]. **multidimensional** [BPS15, EM08, Mas04, Sim11]. **multiparameter** [GP11]. **multispecies** [Del03]. **Multitype** [GMS93]. **Multivariate** [BNS11, Fas13].

**Named** [Ano38a, Ano38b]. **Names** [Ano38a]. **nature** [Meh73]. **natuurkunde** [Uhl55b]. **Navier** [AL97]. **neben** [EU27a]. **Negative** [Pat07, Pav16]. **neue** [Uhl62a]. **neueren** [EU27a]. **Neumann** [AT90]. **neuronal** [BCNP15]. **Neutral** [UC52]. **Neutron** [WU34a]. **Newton** [And14a, AGGM14]. **Next** [Ano38b]. **Niederer** [And14a, And15]. **nieuwe** [Uhl55b]. **Noise** [MM05, Sim95, Wil10, CKX09, HP14]. **Noises** [LZ16, Lon09, Ma10]. **Non** [DM72, JP99, Kol01, PU50, RPD04, UG32, Uhl41, BG91, DMLF+17, FU70a, GS06, GS10, JD15, Mei65, RS12, Shi12, UB36, UB37]. **non-equilibrium** [DMLF+17, FU70a, Mei65]. **Non-Gaussian** [RPD04, BG91, GS06, GS10, RS12]. **Non-Hamiltonian** [Kol01]. **Non-ideal** [UG32, UB36, UB37]. **Non-Linear** [DM72]. **Non-Localized** [PU50]. **Non-Normal** [JP99]. **non-recurrent** [Shi12]. **non-stationary** [JD15]. **Non-uniform** [Uhl41]. **nonequilibrium** [FU70b, FU76]. **Nonlinear** [CKX09, DMM62, KL06, KL08, Pol90]. **Nonlocal** [dBvW78]. **Nonnegative** [BDY07]. **Nonparametric** [Dio16, JVV05]. **nonstationary** [BPvZ03]. **Nonsymmetric** [Sch93]. **norm** [CL90, CLS93, KP94]. **Normal** [HM75, JP99, Bis01]. **Normality** [Kaw13, Shi12]. **normings** [Bis01]. **North** [Bri62, Uhl60a, Uhl63a]. **North-Holland** [Bri62, Uhl60a, Uhl63a]. **Note** [UK37, Ai16, Bag11, Bel82, Ma10, XXY12, GU25]. **Notes** [Uhl80a]. **notion** [RU50]. **Nuclear** [FU50b, Seg85, HU38, WH72]. **nuclei** [KU36, VU37].

**number** [HU53, UG35]. **Numbers** [Ben38, GF44]. **Numerical** [PSV18].

**O** [EU26a]. **O.** [EU26a]. **Obituary** [Dre89, MUG+33]. **Obligations** [Lau56]. **observation** [CKX09]. **Observations** [KM12]. **observed** [Bis06, ES13, Lon09, Ma10, Shi12, ZZ13]. **Occupation** [Fat09, ZWB17]. **odd** [Mas16c, Mas16a]. **odd-order** [Mas16c, Mas16a]. **off** [Lac05]. **oktober** [dB89]. **Old** [Uhl55b, Uhl63a, Uhl62a]. **One** [KUH63]. **One-Dimensional** [KUH63]. **op** [vC16, van35]. **Operator** [App06, Roc92, BP07, FH66, Mit87, Üst95]. **Opmerking** [GU25]. **Oppenheimer** [Lau56]. **Optimal** [BS15, Igl05, WZ11, BSS13, KS08]. **options** [ZGO12]. **Order** [KU35b, Lau56, BMMR15, MD05, Mas16c, Mas16a, PS09, PSLL15]. **Oriel** [Ano38b]. **Origin** [PKU72, Jac96]. **Ornstein** [Ma10, RS12, Sza13, WC97, Abd15, AIK18, AM14, AM15a, Ai16, ÁLBRM16, AHR17, AC87, App06, App15, AKS96, ABI99, APvZ01, AF02, AM15b, Bak82, BH12, BPvZ03, BSS13, BS15, BN01, BNBO11, BOGP12, BB15, Bee75, Ben05, BR02, BCS11, BPS14, BR15, BR17, BW94, BMW+06, BRF17, Bis01, BB01, Bis06, Bis08a, Bis08b, BWY11, BY12, BG91, Bor85, BN08, BD13, BDY07, BPS15, BCNP15, CM97, CF17, CS08, CS09, CGXM96, CGXM97, Cha90, CMN18, CKM03, CK19, CMG02, CW93, CM18, CP07, CCS92, CKS99, CL90, CLS93, Dan91, DMR97, DR98, Deu89, DG13, Dio16, DY10, Dir75, Dit07, DMLF+17, DMRYZ04, DM72, DMM62, DNO18, EK05, ELY99, EH82, EM08, EM05, ES13, FZ99, FK02, Fan04, Fas10, Fas13]. **Ornstein** [Fat09, Fer90, Fer92, FK11, FLP99, FP03, GJ09a, GJ09b, GO00, Gas11, Gil13, GNdC12, Glo01, GLST16, GP11, GS06, GS10, Gri68, HW97, Hec99, HP14, HA13, HS81, HLT16, HN10, HJM+16, HKST17, IT99, IM89, IMM+90, Jac96, Jeg09, JP99, JM14, Jia12, JD15, JVV05, Jør78, KM11, KM12, Kaw13, KL06, KL08, KS08, KP04, KR94, KP94, Lac05, Lef97, LP00, Li00, LiS09, LS19, Liu08, Liu12, LZ16, LS00, Lon09, MY03, Mai14, MM05, Mas04, MY13, MS09a, Maz17, Mia13, MS92, Mit87, NRS85, Nor98, Nov04, OV04, Pat07, Ped02, PS05, PS09, QH95, Ren87, RE13, RS87, RS88, RD05, RPD04, Roc92, Sal84, Sch90, Sch93, Sch14, SK13, Sha93, Shi90, Shi12, Sim11, Sim91, SWW15, Str58, SG15, Sza12, TM08]. **Ornstein** [TL09, Tay89, Tho75, Tho11, TLZ12, Tra17, Üst95, Vak12, Vee15, Vri16, Wan11a, Wan11b, Wan12, WX15, WTZ15, WSW15, Wan16, Wen90, Wil10, WP11, Wit84, WZ11, XZW09, Xin12, XXY12, Yur17, ZZ16, ZZ19, ZZ09, Zha11, ZGO12, ZZ13, ZW17, ZWB17, dRdC17]. **orthogonality** [APvZ01]. **Oscillator** [MM05, And14a, AGGM14, And14b, And15, ACVV17, BCG13, BMMR15, DMTUV09, KL15, KYH16, MD05, Mas15, Mas16b, Mas16c, Mas16a, Mos10, Pav16, PG13, PSLL15, Smi09, oT06]. **oscillators** [DS06, KLS16, LP00]. **Other** [Ano38b]. **Oude** [Uhl55b]. **outline** [Uhl68]. **output** [CS95]. **Oxford** [Uhl40, Ano38b].

**P** [van35]. **Pairs** [RU35]. **Pais** [Pav16, And14a, AGGM14, And14b, And15,

ACVV17, Bag11, BCG13, BMMR15, DS06, DMTUV09, JDD13, KL15, KLS16, KYH16, MD05, Mar81, Mas15, Mas16b, Mas16c, Mas16a, Mos10, PG13, PSLL15, SSMS17, Smi09, oT06]. **Pais-Uhlenbeck** [Pav16]. **Paper** [Cer73, Gre50]. **papers** [Rom91, Uhl60a]. **Parabolic** [Mas07, Roc92]. **Paradox** [EU27b]. **Parahydrogen** [HM75]. **Parameter** [Glo01, HN10, JD15, AHR17, AM15b, DY10, KP94, ZZ16]. **Parameters** [Jia12, WTZ15, Abd15, AKS96, BS15, GJ09a, KS08, OV04]. **Parseval** [LP09]. **Particle** [AM14, CM97, KL06, KL08, RE13, AM15a, Cha90, PSV18]. **Particles** [PU49, UG35]. **parts** [SG15]. **Passage** [BWY11, NRS85, Nov04, RS88, Tho75, Tho11, Dit07, HP14, Vee15]. **Passive** [Ben05, Fan04]. **path** [Sch90]. **Paul** [Uhl56, MUG$^+$33, Uhl60a]. **Pauli** [Bel82, FW60]. **Peierls** [Uhl59b]. **Percentages** [DF79, MYZ67]. **performance** [CS09]. **Pergamon** [Uhl59b]. **Periodic** [Ped02, PS05, BCNP15]. **Personal** [Uhl76]. **Perspective** [Seg85]. **Perturbation** [Wil10, ACVV17, Cic05]. **Phase** [AHR17, Dys69, Dys71, EU26a, Uhl78]. **Phasenwellen** [EU26a]. **Phenomena** [UU33, CU70c, UH65]. **Phenomenon** [LG78, Rai85]. **Philosophy** [Ano38b]. **photon** [Blo44]. **Phylogenetic** [JM14]. **Physical** [Bus60, KU59]. **physicist** [Meh73]. **Physicists** [Ano54b, Ano64]. **Physics** [ESU68, Lau56, Lau58, Meh73, Uhl59b, U$^+$63, Uhl73c, Uhl80a, FW60, KHFA67, Uhl55b, Uhl60b, WH72, Uhl59b, Rom91]. **piecewise** [DG13]. **Pieter** [van35]. **Pioneers** [Ano54a]. **place** [Lef97]. **Planar** [Vak12, BW94]. **Planck** [KL06, KL08]. **plasma** [PSV18]. **plug** [ÁLBRM16]. **plug-in** [ÁLBRM16]. **point** [CMN18, Kro60]. **Poisson** [AT90, GZ10, Tra17, Xin12]. **Pol** [Bus60]. **Polyatomic** [CUdB64]. **Polynomial** [DM72, Mit87]. **Population** [CW93]. **Portrait** [Pai00]. **position** [Uhl35]. **Positive** [DG13, PS09]. **Positron** [RU35]. **positroni** [FU33b]. **Positrons** [FU33a, FU33b]. **possibilities** [GU26a]. **Possible** [PKU72]. **Post** [Ano38a, Ano38b]. **potential** [Xin12]. **pour** [Blo44]. **Pp** [McL62, Uhl59b, Bri62, Uhl60a, Uhl63a]. **practical** [BRF17]. **Prediction** [DM72, BSS13]. **predictor** [ÁLBRM16]. **Presentations** [Rei63]. **Press** [Uhl40, Uhl59b]. **pressure** [RU50]. **pricing** [ZGO12]. **principe** [Uhl36]. **Principle** [Deu89, Uhl40, Uhl36]. **Principles** [Hec99]. **Probability** [Bus60, Dir75, KU59, RS87, Uhl35]. **Problem** [BS98, DU32, UG29, BDT11, CU70a, CMN18, DMTUV09, Min92a, Mor94, NLU40, Pat07, Pol90, Rai76, SU42, Sus86]. **Problems** [Coh68, GMS93, Uhl73c, FU56a, FNU56, FU56b, FU57, Uhl50, Uhl60b, Uhl74]. **procedures** [WZ11]. **Proceedings** [KU59, Mei65, WH72, Kac60]. **Process** [Bee75, BR02, BCS11, Bis08b, CK19, CW93, CKS99, Dan91, DMR97, DR98, Deu89, Dir75, DM72, DMM62, Gri68, Hec99, Jia12, KL06, KL08, KR94, LS19, LS00, Pat07, Ren87, RE13, RS87, RS88, Sim91, Str58, TM08, Tay89, Tho75, Tho11, Wen90, Wil10, Yur17, dRdC17, Ai16, ÁLBRM16, AF02, AM15b, Bak82, BH12, BB15, BR15, BR17, BW94, Bis01, BB01, Bis06, Bor85, BPS15, BCNP15, CF17, CM18, DY10, Dit07, DMLF$^+$17, DNO18, GJ09a, GJ09b,

GO00, Gas11, Gil13, GNdC12, Glo01, IT99, Jac96, JD15, Jør78, KS08, KP94, Lef97, Mas04, MY13, Mia13, Mit87, RD05, SG15, Tra17, Vee15, Wit84, WZ11, XXY12, ZGO12, ZW17]. **Processes** [App06, BN01, BOGP12, BWY11, BD13, BDY07, CCS92, Eng10, EM05, Fat09, FP03, GLST16, Hec99, IM89, IMM$^+$90, JP99, KM12, Kaw13, Lac05, Li00, Liu12, LZ16, LP09, MY03, MS09a, Nov04, Ped02, PS05, RPD04, Sal84, Sza12, Sza13, Uhl73a, Vak12, Wan12, WX15, WTZ15, WP11, XZW09, ZZ19, ZZ09, Abd15, AIK18, AC87, App15, AKS96, ABI99, BPvZ03, BNS11, BNBO11, BB15, BPS14, BMW$^+$06, BRF17, BY12, BG91, BN08, CS09, Cha90, CKM03, CL90, CLS93, DG13, DY10, DMRYZ04, ELY99, EH82, EM08, ES13, FZ99, Fas10, Fas13, FK11, GP11, GS06, GS10, HP14, HS81, HN10, HJM$^+$16, JVV05, KM11, KMiS06, LiS09, Liu08, Lon09, Ma10, Mai14, Mas04, MS92, Mor94, Nor98, OV04, PS09, RS12, Sch90, Sch93]. **processes** [Sha93, Shi90, Shi12, Sim11, SWW15, TL09, TLZ12, Vri16, WC97, Wan11a, Wan11b, WSW15, Wan16, Xin12, ZZ16, Zha11, ZZ13, ZWB17]. **processus** [Bak82, Jac85]. **Production** [WX15]. **Professor** [Ano38b, Cer73, Uhl56]. **Professors** [Ano38a]. **Progress** [Ano74, Uhl60d]. **Propagation** [FU67, CU70b, FUF72]. **Proper** [BOGP12]. **Properties** [Mas07, S.64, KMiS06, LiS09, Row86, Sch90, UF62]. **Property** [Kaw13, Liu12, Tra17, WC97]. **proportion** [Woo80]. **Proposal** [Fra05]. **propose** [Ano54a]. **Proton** [WU34a]. **Protons** [WU34b]. **Provost** [Ano38b]. **Publications** [Bus60, Rei63]. **Publishing** [Uhl59b]. **put** [SK13].

**Quadratic** [Wen90, DG13]. **Quanta** [Uhl27]. **Quantenvektoren** [GU26a]. **quantization** [BMMR15, DS06, MD05]. **Quantized** [PKU72]. **Quantum** [PU59, Uhl63a, Uhl71b, And15, AL97, CS08, GU26a, KP04, KHFA67, Mar81, Mos10, UB36, UB37, Uhl71a, Yan17, dBvW78, Uhl63a]. **quark** [BBD$^+$14]. **Quasi** [BNBO11, LS00]. **Quasi-Stationary** [LS00]. **Quasiclassics** [Kol01]. **Quest** [Lau56]. **Questions** [Lau56, Uhl62a, Uhl71a]. **Queue** [Sim91].

**R** [Ano38b, Bus60, Uhl59b]. **Radial** [CW93, dRdC17, ELY99, GJ09b]. **Radiation** [RU35, KU36]. **Radiations** [FU50b]. **Radioactivity** [KU35a, KU41]. **Random** [BWY11, Bis01, Fer90, Fer92, OV04]. **Randomization** [CLS93]. **Range** [FK02, IT99]. **Rarefied** [Ano74]. **rarified** [CU70c]. **Rate** [Igl05, Sim91, WX15, AHR17]. **Rate-Optimal** [Igl05]. **Rates** [BB01, Bis06, Bis08b, CS95]. **Ratio** [EH82]. **Ray** [SU43, NLU40, SU42]. **Rayleigh** [CU70a, HM75]. **Reading** [Uhl59b]. **ready** [Ano54a]. **realization** [KLS16]. **Receive** [Ano64]. **Recombination** [FU33a, FU33b]. **recurrence** [DG13, Shi90, WC97]. **recurrent** [Shi12]. **recursion** [Vee15]. **recursive** [BB15]. **rede** [Uhl64]. **Reflected** [BWY11, XZW09, ZZ19, BY12, GNdC12, XXY12, ZZ16]. **Reflecting** [RS87]. **reflection** [BDT11]. **Refugee** [Seg85]. **Refutation** [Fra05]. **Region** [HKU64]. **regression** [JM14]. **Regularité** [Fer92, Fer90]. **Regularity** [Liu12, LZ16, Fer90, Fer92, MS09b]. **regularization** [Mar81]. **Regularizing** [Mas07]. **Related** [Bus60, KU59]. **Relation** [Uhl80a, Blo44]. **Relations**

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**S** [Uhl41]. **Sam** [vC16, vCH18]. **Sample** [Lac05, Sch90, Fas10]. **Sampling** [Kaw13, Glo01, KM11]. **Samuel** [Sul78]. **Sargent** [UK37]. **says** [Ano54a]. **Scalar** [Fan04]. **scheme** [Jør78, PSV18]. **Science** [Ano64, Lau58, Pai00]. **Sciences** [KU59, WH72, Bus60]. **Scientific** [Uhl60a]. **Scientist** [Ano54b, Lau56]. **Scientists** [Seg85]. **second** [AM15b, PS09]. **seems** [Mor07]. **Selected** [Uhl63b]. **selection** [CM18]. **Self** [App06, Eng10]. **Self-Decomposability** [App06]. **Self-Interaction** [Eng10]. **semidefinite** [PS09]. **semigroup** [CS08]. **Semigroups** [Mas07, CMG02, HW97, KP04, QH95]. **Semilinear** [Mas07]. **Seminar** [KU59, Kac60]. **sense** [SK99]. **September** [Meh73]. **Sequential** [BY12, LS19]. **Series** [Igl05]. **Service** [GMS93]. **Service-Adaptive** [GMS93]. **Set** [Lau56, BH12, BDT11]. **set-indexed** [BH12]. **sets** [BS15]. **setting** [CMN18]. **Sharp** [BR02, BCS11]. **Shear** [Ben05]. **sheet** [CP07]. **sheets** [APvZ01, BPvZ03, BSS13, BS15]. **shift** [BR15]. **shifted** [BS15]. **shock** [Pie92]. **shock-wave** [Pie92]. **Short** [Coh90b]. **Showers** [SU43, NLU40, SU42]. **sided** [Pat07, ZWB17]. **signal** [CKX09]. **Signals** [LU50, LU65, BCNP15]. **Significant** [GF44]. **Simple** [CW93]. **Simulation** [Gri68, TL09, Zha11]. **Sin** [Uhl63a]. **Sin-Itiro** [Uhl63a]. **Singular** [EMV08]. **size** [Mia13]. **Skew** [WSW15]. **skewed** [SWW15]. **Small** [HP14, Jeg09, Kol01, Sim95, FZ99, Gas11, Lon09, Ma10, UG35]. **Small-Noise** [Sim95]. **smooth** [BDT11]. **Sobolev** [Üst95]. **Solution** [Ani17, Che02, Pol90, YU30, EU26b, EMV07, Mor94]. **Solutions** [HM75, Min92b, EMV08, Liu08]. **Solvability** [Sus86, Min92a]. **solvable** [CM18]. **Some** [BOGP12, KMiS06, Tho75, Uhl50, Uhl60b, Uhl60d, Uhl62b, Uhl71a, Uhl74, Uhl78, Uhl80a, Uhl80b, Woo80, Fer90, LiS09, OV04, Row86]. **Sons** [McL62]. **Sound** [FU67, UU32, CU70b, FUF72]. **Sources** [KHFA67]. **Space** [App06, BS98, CKS99, GZ10, Roc92, BDT11, Sch93]. **Spaces** [FP03, Liu12, LZ16, Mas07, ÁLBRM16, EU26b, Jeg09, Liu08, Uhl25]. **Spatial** [Eng10, vB09, APvZ01]. **Spectra** [KU41, UG26, UG67, UGB84, GU25, GU26b]. **Spectrally** [Pat07].

**Spectrum** [HM75]. **speed** [DNO18]. **Spherical** [WP11]. **Spin** [Ano54a, Mor07, PU49, Sul78, Sul88, Gou71, Uhl76]. **Spinning** [Tho26, UG26, UG67, UGB84]. **Spinor** [LU31]. **spins** [Ive10]. **Spontaneous** [WU34a]. **Square** [Dan91]. **Squared** [CW93, dRdC17, CL90, CLS93, GJ09b]. **squares** [DMRYZ04, ES13, Lon09, Ma10, ZZ13]. **Stability** [HU38, ACVV17, KL15, PG13]. **Stable** [FMW06, KM12, MY03, Pat07, ZZ09, BRF17, HP14, KM11, Mos10, Zha11, ZZ13]. **Staff** [Ano38a]. **State** [UG32, RU53, ZW17]. **statement** [Uhl25]. **states** [Bag11, PG13]. **stationarity** [EM08]. **Stationary** [Gri68, LS19, Liu08, LS00, Sim91, XZW09, Ai16, BPvZ03, JD15, LiS09, PS09, ZW17]. **Statistical** [Bri62, Buf63, CK19, Coh68, Coh71, Fas13, GF44, Koz66, McL62, Mei65, Rei63, Uhl27, UG35, Uhl40, UF60, UF63b, U$^+$63, Uhl63b, Uhl71b, Uhl73c, Uhl80a, UF86, dBU62, dBU64, dBU65, AF02, Coh90a, Uhl50, Uhl60c, Uhl60b, Uhl60d, Uhl62a, Uhl66, Uhl68, Uhl71a, UF65, VU37, Uhl59b]. **statisticeskoj** [UF65]. **Statistics** [AM14, EU27a, Sus89]. **Statistik** [EU27a]. **Statistiken** [EU27a]. **statistische** [Uhl27]. **statistischen** [Uhl62a]. **stelling** [Uhl25]. **Stochastic** [EK05, RPD04, Wil10, BDT11, DMLF$^+$17, FK11, GS06, GS10, HLT16, RS12]. **Stochastically** [RE13]. **Stokes** [AL97]. **strangeness** [Woo80]. **Stretching** [CGXM96, CGXM97]. **strictly** [ELY99]. **Strings** [vLU31]. **structural** [BCG13]. **Structure** [UG26, Uhl66, UG67, UGB84, AT90, Bel82, GU26b, Pie92, PS09]. **structuur** [GU26b]. **Studies** [dBU62, dBU64, dBU65, Bri62, Buf63, Koz66, McL62, Rei63]. **Successive** [FU50b, Uhl60c]. **Sulla** [FU33b]. **Summer** [KU59, Kac60]. **Sums** [MYZ67]. **Super** [FMW06, Gil13]. **Super-Brownian** [FMW06]. **Superdiffusive** [Ben05]. **superfluids** [PU69]. **Superposition** [BN01]. **Superpositions** [GLST16, GS10]. **Superprocesses** [Kol01]. **supersymmetric** [Mas15, Mas16a]. **supOU** [BNS11]. **Suprathreshold** [Tho11]. **sure** [Xin12]. **Surface** [CGXM96, CGXM97]. **swaps** [CF17]. **switching** [SK13, ZW17]. **Symmetric** [CMG02, ZZ13]. **Symmetries** [ASA89, And14b]. **symmetry** [AGGM14]. **Symposium** [Meh73, Mei65, Woo80]. **System** [AM14, KL06, KL08, RE13, AM15a, Del03, Mos10]. **Systematic** [FK89, FK90]. **Systems** [FP03, Cha90, DMLF$^+$17, HS81, SK99].

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WU45c, Wil10, WU34a, ACVV17, CU70a, FU56a, FNU56, FU56b, FU57, FU70b, FU76, HA13, KU37, KU38, Mar81, NLU40, RU53, SU42, UB36, UB37, Uhl62b, UF62, UF63a, UHK63, Uhl74, Uhl78, WU45a, FU70a, Uhl63a]. **There** [UC52, SK99]. **Thermodynamic** [PU69]. **thermodynamics** [FU70a, FU70b, FU76, Mei65]. **Third** [PU59, LLAT16]. **thought** [Uhl80c]. **Threshold** [LU50, LU65]. **tick** [Mia13]. **Ties** [Sul78]. **Time** [CS95, Fat09, FP03, Gri68, KYH16, LZ16, NRS85, RS88, Tho75, Tho11, Uhl80c, Dit07, DNO18, FZ99, Jeg09, LP00, Sch14, TLZ12, Vee15, Vri16]. **Time-dependent** [CS95, KYH16]. **time-inhomogeneous** [Vri16]. **Times** [BWY11, Lac05, Nov04, Sim95, Vak12, BN08, HP14, SWW15, ZWB17]. **Tolman** [Uhl40]. **Tomonaga** [Uhl63a]. **Topics** [Bus60, KU59, Uhl63b]. **Topologically** [oT06]. **Tracer** [Ben05]. **Trajectory** [ZZ19]. **transformation** [And14a, And15]. **Transition** [Mas07, ZZ09, AHR17, XXY12]. **Transitions** [Dys69, Dys71, Uhl78]. **Translated** [Uhl59b, Uhl63a]. **Transport** [UU33, Uhl73a, CU70c]. **traveling** [Min92b]. **treatment** [PSV18]. **tree** [AHR17, BB15, HA13]. **trees** [HU53]. **Trend** [Str58, Gas11]. **Trends** [NRS85]. **Trieste** [Meh73]. **Trigonometric** [Igl05]. **Turbulent** [Ben05]. **Turn** [Coh71]. **turning** [Kro60]. **Twentieth** [FW60]. **Two** [DU32, LS19, Pat07, XZW09, PSV18, ZW17, ZWB17]. **Two-Minima** [DU32]. **two-particle** [PSV18]. **Two-sided** [Pat07, ZWB17]. **two-state** [ZW17]. **Type** [BN01, BD13, GLST16, JP99, Li00, WTZ15, BB15, Cha90, CM18, CCS92, HLT16, PS09, Sch14, Shi90, TLZ12].

**U.S.** [Ano64, ESU68]. **Uehling** [AL97, BP07, EMV07, EMV08, Min92b, Min92a, Pie91, Pie92, Pol90, PSV18, Sus93, Yan17, dBvW78]. **Uhlenbeck** [Ano38b, Bri62, Bus60, GO00, Ma10, McL62, S.64, dB89, Abd15, AIK18, AM14, AM15a, Ai16, ÁLBRM16, And14a, AGGM14, And14b, And15, AHR17, Ani17, Ano89, AC87, App06, App15, AKS96, ABI99, APvZ01, AF02, AL97, ASA89, AT90, ACVV17, AM15b, Bag11, BCG13, Bak82, BH12, BS85, BPvZ03, BSS13, BS15, BN01, BNBO11, BOGP12, BB15, Bee75, Ben05, BP07, BR02, BCS11, BPS14, BR15, BR17, BMMR15, BW94, BMW$^+$06, BRF17, BS98, Bis01, BB01, Bis06, Bis08a, Bis08b, BBD$^+$14, Blo44, BWY11, BY12, BG91, Bor85, BN08, BD13, BDY07, BPS15, Buf63, BCNP15, CM97, CF17, CS08, CS09, CGXM96, CGXM97, Cas88, Cer73, Cha90, CMN18, Che02, CKM03, CK19, CMG02, Cic05, CW93, Coh90a, Coh90b]. **Uhlenbeck** [CM18, CP07, CCS92, CKS99, CL90, CLS93, DS06, Dan91, DMR97, DR98, DMTUV09, Del03, Deu89, DG13, Dio16, DY10, Dir75, Dit07, DMLF$^+$17, DMRYZ04, DM72, DMM62, Dre89, DNO18, EK05, ELY99, EH82, EM08, EM05, ES13, EMV07, EMV08, FZ99, FK02, Fan04, Fas10, Fas13, Fat09, Fer90, Fer92, FK11, FH66, FLP99, FK89, FK90, Fra05, FP03, GJ09a, GJ09b, GCF66, Gas11, Gil13, GNdC12, Glo01, GLST16, GP11, Gre50, GS06, GS10, Gri68, HW97, Hec99, HP14, HA13, HS81, HLT16, HN10, HJM$^+$16, HM75, HKST17, IT99, IM89, IMM$^+$90, Ive10, Jac96, Jac85, Jeg09, JP99, JM14, Jia12, JD15, JDD13, JVV05, Jør78, KL15, KM11, KM12, Kaw13, KL06,

KL08, KS08, KP04, Koz66, KLS16, KR94, KP94, KYH16]. **Uhlenbeck** [Lac05, LLAT16, Lef97, LP00, Li00, LiS09, LS19, Liu08, Liu12, LZ16, LS00, Lon09, MY03, Mai14, MM05, MD05, Mar81, Mas15, Mas16b, Mas16c, Mas16a, Mas04, MY13, MS09a, Maz17, Mia13, MS92, Min92b, Min92a, Mit87, Mor94, Mos10, MS09b, NRS85, Nor98, Nov04, OR01, OV04, Pat07, Pav16, Ped02, PS05, Pie91, Pie92, PS09, Pol90, PSV18, PG13, PSLL15, QH95, RS12, Rei63, Ren87, RE13, RS87, RS88, RD05, RPD04, Roc92, Row86, Sal84, SSMS17, Sch90, Sch93, Sch14, SK99, SK13, Sha93, Shi90, Shi12, Sim11, Sim91, Smi09, SWW15, Sté03, Str58, Sul88, SG15, Sus86, Sus89, Sus93, Sza12, Sza13, TM08, TL09, Tay89, Tho75, Tho11, TLZ12, Tra17, Üst95, Vak12, Vee15, Vri16, WC97, Wan11a, Wan11b]. **Uhlenbeck** [Wan12, WX15, WTZ15, WSW15, Wan16, Wen90, Wil10, WP11, Wit84, WZ11, XZW09, Xin12, XXY12, Yan17, Yur17, ZZ16, ZZ19, ZZ09, Zha11, ZGO12, ZZ13, ZW17, ZWB17, dBvW78, dRdC17, oT06, vB13]. **Ühling** [Sus86, Sus89]. **uitbreiding** [Uhl25]. **Unbounded** [FP03, FZ99]. **uniform** [Uhl41]. **uniqueness** [Sus89]. **unitary** [Mar81, Mos10]. **unitons** [ASA89]. **Universe** [Lau56]. **Universities** [ESU68]. **University** [Uhl40]. **unknown** [CU64, CU70d, Lor36, Uhl58, Uhl59a, WU64]. **unmechanical** [UG25]. **unmechanischen** [UG25]. **Urbanik** [GP11]. **using** [Bis01, GS10, Yan17]. **Utrecht** [Ano38b].

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**W** [Ano38b, S.64]. **Waals** [HKU64, KUH63, UHK63, Uhl64, UH65]. **wagen** [Uhl55b]. **Wang** [Ani17, BS98, Che02, Del03, FH66, HM75, Mor94, Sté03]. **was** [Ano54a]. **waterstof** [GU25]. **Wave** [EU27a, YU30, EU26b, Min92b, Pie92]. **Waves** [EU26a]. **ways** [Uhl55b]. **Weak** [Bis08b, Bis06]. **wellenmechanische** [EU27a]. **Welt** [EU26a]. **Wentzel** [YU30]. **Wesley** [Uhl59b]. **who** [Ano54a]. **Wiener** [Sza12, CKS99, Roc92, Sza13]. **Wiley** [Bri62, McL62, Uhl63a]. **Winding** [Vak12]. **windings** [BW94]. **winner** [Ano54a]. **without** [BR17]. **Wolfgang** [FW60]. **Work** [Ano54b, BS85]. **workload** [BPS15]. **World** [EU26a, Ano54a]. **Wright** [Pat07].

**x** [Bri62]. **xvi** [Uhl63a].

**Year** [Ano38b]. **years** [Uhl76]. **yields** [Mos10]. **York** [Bri62, McL62, Uhl60a, Uhl63a].

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