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Title word cross-reference

#15374 [Kum88]. **#18045** [Cou83]. **#9528** [FR82a].

(A, B) [Emr80a]. $(A, \mathcal{B})$ [Hir81]. $(\mathrm{ad}_{f,g})$ [Kre85]. $(\mathrm{Ad}_{f,g})$, $(\mathrm{ad}_{f,g})$ [Kre85]. (C, A) [ISW00]. (f, g) [DCBT88, DM89]. (J, J') [CH05]. $(\mathcal{A}, \mathcal{B})$ [EH80]. (n, m) [Enq04]. (s, S) [BB09, BLS05a]. $(sE - A)$ [Arm86]. + [GBCG98]. 1 [BP97, BE13, Dág06, DK89b, Gue14, KR15, MSH91, RW01, VZ09]. 2 [BBG12, BG13, FRZ93, JL93, PP13, Set93, Zam98, ZH05]. 2×2 [CVKB13, PR14]. 3 [BRS11, Bre86, CC16, CM12, CYL96, Wan02, ZM11]. 4 [CYL97b]. $^\infty$ [GR02]. $_\infty$ [McE04]. $B(t)$ [MN77a]. $\mathbf{H}_\infty$ [Bar94]. H_∞ [FD87]. $\mathcal{H}_\in/\ell_\infty$ [SKD99]. C^1 [CB15]. C^2 [Zei01]. C^2, α [Nov04]. C^∞ [Sus87c, GB84b]. C_0 [JZ04, JZ09a]. C_1 [JL98]. $\mathcal{E}^f$ [DQS16]. D [KK79]. D_s [QN82]. $\dot{x} = [A + B(t)]x$ [MN77a]. ℓ^1 [Sta93]. ℓ^2 [FW92]. ℓ_1 [HBS06]. $\ell_1/\mathcal{H}_2$ [SDV97]. ℓ_2 [HSP16]. $\ell_2(\mathbf{N}_0)$ [Jac04]. $\ell_2(\mathbf{Z})$ [Jac04]. ϵ [Cha14, NC13]. η [CYL97a]. g [GHZ15]. Γ [BR01]. H [BCG84, GR02, GM11, PLSB14]. H^1 [IK02b]. H^2 [CVKB13, MRP99a, MRP99b, MT09b]. H^2/H^∞ [DA02]. H^∞ [BJ02, DRT11, FTZ87, FGT95, HM93, HW03, HP98, IM98, LH87, LB89, MP14, MRP99a, MRP99b, ÖT90, RNK91, Smi90, XB99]. H_2 [Fer97a, FO98, GBGdO00, TS95, dOG05]. H_2/H_∞ [ANR08]. H_∞ [Akç01, Bar95a, Bar95b, CF06, CdSBT09, EÖSÖ98, Gah94,

GL97a, GBGdO00, Hew93, JB96, KNP91, NBF16, Sch92a, Sch92b, SR97, ST90, Sto91b, Sto92, Tad89, Tad93, THA02, TF08, Van94, XC03, dOG05, FA13, ZC06, Yan95]. J [CF06, GGLD90, Gre92]. k [LW07]. L^1 [RW78]. L^2 [Dun96, KV07a, LM13b]. L^∞ [ARS09a, BDR94, KN13, Kha94, MR05, Wan08, Dun95]. L^p [GLS05, Mos82a, Mos82b, Wac07, YC06]. $L^p(\Omega)$ [IK14]. L_1 [CC13, Lin07]. L_2 [Vid77, ZLD12]. $L_2(0,T;L_2(\Gamma))$ [LT86]. L_∞ [ZLD12]. $l_\infty/\mathcal{H}_\infty$ [Szn95]. L_p [BTBT88, CHL15, Cou00, Mun07, Ols76a, Pha00]. λ [AK02b, IM08]. LC^1 [Che96]. $\log x$ [CL87a]. LQ [van95]. LQR [YZ97]. $\mathbf{L}^2$ [Dun98]. $\mathbf{R}^3$ [Bon85, Sch88b]. $\mathbf{R}^d$ [Cir14, GM91b, GM93]. $\mathbf{R}^n$ [BBV11]. $\mathbf{R}^N$ [BBC14, de 98, CHS87, CC99, Fer78]. $\mathbf{H}(\mathbf{curl})$ [You13]. $\mathbf{R^d}$ [FH94]. $\mathcal{H}^\infty$ [LH88, LAKG92]. $\mathcal{H}_\in$ [ZGS99, DDG12]. $\mathcal{H}_\in/\mathcal{H}_\infty$ [GPS95]. $\mathcal{H}_\in/\mathcal{H}_\infty$ [CZ01, Lei01]. $\mathcal{H}_\infty$ [GZSAB13, GGLD90, Gre92, KS00, LMPR09, NR97, Rot96, SS99a, Sor96, TO15, BBT14, DDG12]. $\mathcal{KL}$ [KT05]. $\mathcal{L}^\in$ [TD94]. $\mathcal{L}_\in$ [SK94]. $\mathcal{S}$ [EMH08]. L^1 [CCC16]. $\mathrm{Sl}(2,\mathbf{C})$ [ARS14]. $\mathrm{Sl}(2,\mathbf{R})\otimes\mathbf{R}^2$ [dRSV09]. H_∞ [Ste15]. μ [ALY13, KHP06]. N [BP14a, BBGBO14, CFR13, FCGIP06, MD15, Uch78, Var76, CMK15, EMP$^+$16, Kru00a, Kru00b, RW01, Top79, Vie00, VJ77, Yin99]. ∇u [FT12]. ν [HG02]. $O(N^3)$ [Gal84]. P [SW11, CKL16, Day09, MNC14, ZWYJ14]. Φ [DK78]. $p\in[0,1)$ [IK14]. Q [ABB02, LC05]. $q(x)$ [AS95]. QP [PTH88]. $QQ_c+RP_c=\Phi$ [Emr80b]. R^3 [AS03]. R^d [DF98c]. S [FR82b, ZZS14, ZzJh10, Cha11]. S^2 [MSBC08]. S^3 [BR08]. SL(2) [BR08]. SO(3) [BC05b, BR08, ZVBR14]. SO(n) [SL13]. t [ABP14]. θ [Fon89]. $\times$ [Cha91]. u [FT12]. $u_t=\Delta u-qu$ [AS95]. ε [AX05, NA02]. $W^{1,1}$ [BBV10]. x [FT12]. $XR+QY=\Phi$ [ES81b]. Z^2 [Lou94].

-Approximate [LW07]. **-Block** [JL93]. **-Body** [MD15]. **-Class** [Fon89]. **-Control** [Sch92a]. **-Controllability** [BCG84]. **-Convergence** [BR01]. **-Convexity** [DK78]. **-Cost** [IK02b]. **-D** [BP97, BE13, Dág06, FRZ93, Gue14, VZ09]. **-Determinacy** [MSH91]. **-Dimensional** [Kru00a, Kru00b, Wan02, Yin99, BBGBO14, FCGIP06]. **-Disk** [LB89]. **-Elliptic** [You13]. **-Energy** [Cha11]. **-Equations** [AK02b]. **-Equilibria** [NA02]. **-Error** [ARS09a]. **-Estimates** [MR05]. **-Exact** [Kha94]. **-expectations** [DQS16]. **-Firm** [CFR13]. **-Free** [PTH88]. **-Gains** [HSP16]. **-Games** [FR82b]. **-gap** [HG02]. **-Groups** [JZ09a]. **-Hamiltonians** [Zei01]. **-Hedging** [Pha00]. **-Induced** [SK94]. **-Infinity** [GM11]. **-Instability** [Vid77]. **-Invariance** [DCBT88, ISW00]. **-Invariant** [DM89, EH80, Hir81, Emr80a, ZVBR14]. **-Laplace** [CKL16]. **-Learning** [ABB02, LC05]. **-Lemma** [ZZS14, ZzJh10]. **-Level** [EMP$^+$16]. **-Lossless** [CH05, Gre92]. **-Mean-Variance** [GHZ15]. **-Minimization** [CCC16]. **-Monotone** [Day09]. **-Multipliers** [RW78]. **-Nash** [NC13]. **-Norm** [Set93, CB15, Lin07, Mun07]. **-Null** [Wan08]. **-Optimal** [AX05, Cha14, HBS06, XB99, FTZ87, GLS05, LH87, LH88]. **-Optimality** [QN82]. **-Optimization** [JL98, Sch92b]. **-Person** [Top79, Uch78, BP14a]. **-player** [Vie00, Var76]. **-Problem** [Bar94, Bar95b, van95]. **-Procedure** [EMH08]. **-Regularization** [CC13]. **-Regularized** [ZH05]. **-Semigroups** [JZ04]. **-space** [CMK15]. **-Spectral** [CF06, GGLD90]. **-Splines** [SW11]. **-Stability** [KK79, NBF16, KT05]. **-Stabilization** [CHL15, YC06]. **-Step** [BBG12]. **-Synthesis** [ALY13]. **-Systems** [FW92]. **-theory** [Wac07]. **-Tracking** [IM08]. **-Values** [KHP06].

0-1 [HJM07].

1 [IM05a, VGBS13a, Zas95a]. **1-D** [CGW10, Mic09, SCK10, TL06]. **1-parameter** [JR06a]. **14** [Kum88]. **15** [Cou83]. **16** [FR82a]. **18** [SC81]. **19** [GRC82].

2 [IM05b, VGBS13b, Zas95b]. **20** [Col85, Mos82a]. **22** [Pen88]. **23** [Ber88, Cur85a]. **26** [AW90, Shi90].

3-Dimensional [MN08]. **30** [Flå95, ZZ94]. **32** [GK95].

56 [Cou83]. **58** [FR82a, Kum88].

82b [SC81]. **83a** [Mos82a]. **83d** [GRC82]. **84h** [Col85]. **85i** [Pen88]. **86a** [Cur85a]. **86g** [Ber88]. **89d** [Shi90]. **89e** [AW90].

92m [ZZ94]. **93c** [Flå95]. **95b** [GK95].

A. [JLZ98]. **Abelian** [Wee07]. **Abnormal** [BP02, Mon94]. **Abscissa** [BO01, HHLP16]. **Absence** [Bal94]. **Absolute** [Alt09, AR77, UP99, ZP03a, ZP05, vRM98]. **Absorbing** [HW05, KK16, Ros00a, SLG84]. **Absorption** [CC94]. **Abstract** [Bal91, Ber98b, Cur76, CP77, FR00, IK07b, LLR01, Mah03, MT78, MS97a, VP87, XLL08, Zho83, Zho84, Zol78]. **Abstractly** [Zit14]. **Acausal** [Kre87, NLW91]. **Acceleration** [KN13, PJ92]. **Accessibility** [AS93, Gra08, Son88]. **Accommodation** [FLJ13]. **Accumulation** [AFK10]. **Accuracy** [BKK02, vH10]. **Achieve** [vH10]. **Achieving** [CC01, MYP14]. **Acoustic** [AN15a, AN15b, BP97, FB98, LBMH+16]. **Acoustics** [ALR99]. **Across** [WL95]. **Acting** [BLP14, GWY14]. **Action** [AS91, BF15, BP98b, BLS12, CP77, LC80, MD15, Yus97, dWvS00]. **Active** [BGR04, GV05, GZ13, GZ14b, HT10, IK04, IK07a, RV93]. **Active-Set-Newton** [HT10]. **Activity** [BØ94]. **Actor** [KB99, KT03d]. **Actuated** [MÖ14]. **Actuation** [BP14b, VS14]. **Actuator** [Tuc96]. **Actuators** [AGN+16, HH05]. **Acyclic** [MYAS09]. **Adaptation** [DBC12, MP11a]. **Adapted** [LS91a, LLC11]. **Adaptive** [Bas91, BKR00, Ber98a, BP08a, BDRR98, BV82, BBE99, CZ95a, CK98, Che84, CG87a, CG87b, CG90, DK05, DCI07, DMPD94, DPDS98, DMPD00, Ega80, EP93, FIR06, FB12, GGW91, GRC81, GHX86, GL97c, GK11, Guo90, Guo94a, GG13, HN00, Heu94, IRS02, ITT04, KMP13, Kum82, Kum83, Kum85, KH81a, LY91a, LY91b, LLMT02, LI94b, LR00b, LT03, Ma09, MS92, MZ15, MV07a, MSVA09, Mor79, NK94, PP00, PO00, PLK89, PC00, PMI06, RMB12, RM92, RY95, Ris86, Rus86b, Rya98, Sch79, Tow96, VW08, WS13a, WHB92, XZ15, YLYC15, ZC96, dBMS10, GRC82]. **Adaptivity** [HH08, HH10]. **Addendum** [AW90, Col85, Mar77, Mos82a, OZ03, SC81, Tri80, Ber88]. **Addition** [Nic96, Nic97]. **Additional** [Per12, RR94]. **Additive** [AW83, CMR85, FC05, IS12]. **ADI** [ORW13]. **Adjoint** [BIP88, FB98, GKLW14, Hau81b, Hau81a, LR10, Ulb02, GX04]. **Adjoint-Based** [GKLW14]. **Adjustment** [KH81a, LZ13]. **Admissibility** [Bon89, Che16, HK07, JPP14, Jun00, Wei89]. **Admissible** [BC11, Gra07, HR83a, HR83b, JZ99, Nar82]. **Admission** [AK99b]. **Advection** [Liu08]. **Aeroacoustic** [CRV09]. **Aerodynamic** [WCCL04]. **Affine** [AZ07, Baş84, BP07b, BG14, BL05, Cal09, CJT08, FP96, Flo97, GP94, GM09, JP15, JS84, LS99b, Luk85, MSBC08, TC14, UU00, VW02, YD08, dBMS10, dRSV09, JR06a]. **Affine-Scaling** [UU00]. **Against** [BD01b, BFPB13]. **Agent** [HPT07, LMA07a, LMA07b, RJME09, Rud78]. **Agents** [BLP14, HPS03, HM09, NC13, SNB09]. **Aggregation** [BCY15]. **Agreement**

[LFM07]. **AIMD** [RS07b]. **Air** [TW03]. **Algebra** [AD08, GK85, MS02]. **Algebraic** [AL01, BR01, Brü13, BC02b, CLT06, CF06, DAR15, DGJ93, Fla87, GL90, GL92, Gho88, GLR86, Gri93, GM11, HH78, Hei16, Hel76, Her80, IY12, JS90, KH79a, KH79b, KS90a, KH90, Lev85, LMP95, Mar84, MH78, Oht08, Qua03a, Qua03b, RR92, RR12, SS92, Sha83a, Sha83b, TR01, TO15, WS92, Wim92, Wim94, Wim06, WM10, vN04, JS91]. **Algebras** [BP08b, CYL96, CYL97b, CY94, CS11, Cur11, Cur13, DTWY91, Her78, TWY90, Tan00, WY06, Cla86]. **algèbres** [Cla86]. **Algebroids** [GJ11]. **Algorithm** [Alm01, AB12, BI91, BET07, Bon86, BH07, BQ99, Cha77, CHL82, Che84, CR93, CL06b, Dye77, EK85, FFR14, FR82b, FY76, FM00, FP99, FO98, Gal84, GCB06, GK87a, Gül91, Ha90, HK78, HLG93, HL88, Heu94, HP14, JL93, JH00, Lei01, LY12, LL13, Liu97b, LGZ13, LT91, LB98, Luq84, MD89, Mey77a, NF13, PTH88, PLSB14, PM85, PQ98, Pul93, PV98, Roc76, Set93, SZZ97, Tse91, Tse93, VGBS13a, VGBS13b, WZY09, WCLC05, Yan96, ZC96, ZRS97, CL78, Qua80]. **algorithme** [CL78, Qua80]. **Algorithmic** [RN13]. **Algorithms** [ABB01, ABB02, ABB15, AMP00, BBC03, Ber98a, BK02, BK00, BLZ94, CB09, CLRJ13, Che98, CZA08, CHJ15, CC90b, DJ95, DHV98, Dun79, EK85, FK91, Fre99, GM91b, GM93, GP79, Guo94b, Han77, HW05, HM09, Izm96, KM07a, KB99, KT03d, KS15, KK76, KH79c, KY87b, LY91a, LN82, LR79b, MTS15, MP11b, Pel00, PMW83, Sac85, Tam80, Tod83, TBT90, UUH99, WD07, WP76, YMH94, dJ78]. **Allen** [CS15, FSH16]. **Allocation** [Cal09, RN13]. **Allocations** [Pap86a]. **Allowing** [LW15c]. **Almost** [BTY11, BC05a, Bou95, CW09, CMT03, DI87, DHX08, DPDS98, GJ11, GMY16, JLZ98, Mao90, Mar99, Obe09, Pel00, Tre86, ZWYJ14, vH06]. **Along** [AB09, AG97b, BS90, BS93, PV15]. **Alphabet** [XUP08]. **Also** [PV14]. **Alternating** [PT09b]. **Alternative** [SB78]. **Ambiguity** [BZ15a, CS12b, HJ16, TCC15b]. **Ambush** [AA86, AFGT13]. **American** [Ach05, ASR+13, Bay09b, BL02, BL09, Ham06, HT10]. **Among** [Rus76, SNB09, Van92]. **Ampère** [Sto04]. **Analogue** [MS07a, ZCC07]. **Analyse** [Pen89]. **Analysis** [AHJM10, ABL13, AMP00, AGL08, AJ12, AAA12, AGJK12, ANS14, AOS16, AHS13, Aus99, BM06, BS16, BKS10, BCG86, BO16, BO01, BL03, BEL02, CG00b, CJK13, CFT12, CNS10, CD13b, Cas12, CT14, CRT15, CC16, CZA08, CFNG10a, CFNG10b, CR93, CL87b, CE06, CSA+13, DF96, DF98a, DL09, DZ88, DWZ+16, EMH08, Efi12, Ega80, FZ05, FM12, FB08, FL81, Fer97a, FS10, FO98, GCB06, Gib81, GM05, GHZ14, GZ14a, Gri93, Grü09, GPSW10, HZ07, Hag02, HKB04, HM02, IST02, Izm96, Jou00a, Jou00b, KRS14, KMR10, KH81a, KY92, KM96, LS91b, LI00, LS05b, LZ16a, LW15b, LB00, LH87, Liu95a, LGZ13, LY01, LY02, Luq84, MRVM00, MRV13, MADF98, McE04, MV11, Mey77d, MM11, MS96, NBF16, OW96, OM14, PV13, PRS08, PV98, Qu14, Qua03a, Qua03b]. **Analysis** [RS07a, Roc96, Ros00a, Sak02, Sha88a, SB92, Sha94, SO06a, Sok87, Sok88, Spi80, TLC99, Tan88, TYW11, VW95, VW02, Wac07, WK13, WZ98, XW12, XZ15, YÖ08, YK91, YXJ11, Yu13, dBLR14, CL06a, Pen89]. **Analysis-Based** [CR93]. **Analytic** [AS93, All99, BR87b, BD77, CQ05, GB86, GL05, HJ15, Hua88, JS81, KS13, Las95, Mos80, PZ11, Sus87b, Sus87d, TG12]. **Analytical** [Bay09a, QS13, WM12]. **Analyticity** [LT83a, Sei82]. **Angle** [ARS09b]. **Angular** [Eno94b]. **Anisotropic** [MP11a]. **Annealing** [Cat98, CC88, CC94, CK89, DM99, FK91, FGQ97, GM93, Maz94, Roy89, Tro96]. **Anodes** [HS96]. **Anthropomorphic**

[BDGR12]. **AntiAngiogenic** [LS07]. **Anticommutation** [EMP+16]. **Antidamping** [SCK10]. **Antiderivatives** [BLW07]. **Antiplane** [KL16]. **Any** [BM00b, BFZ10]. **Anytime** [CFZ10]. **Appearing** [Mau77]. **Application** [ABB02, Alm08, AHS13, ARS09a, BT11a, Bar77, BBGBO14, Ber77, Car97a, Car97b, CM06, Chr77, Emr80b, FP04, Fon89, GAM93, GM05, GHS92, GX04, GY12, GY13, Hag05, HZ10a, Ho86, HZ05b, Hui92, HBS06, Ish88, KT03a, Kre77b, LXY16, LS09, LM16, MMN09, Nag95, NNTD14, Nic00, Ouv78a, Pic93, RH06, SS09c, Ste92, Tam80, Was79, WR14, XG03, ZES12, ZZS14, Iof83]. **Applications** [AK02a, ASTT09, AB10a, Art89a, BK82, BR10, BK80, BZ96, BHL10, BR93, CL02, Cer01b, CV89a, Cor94, DL06, Dat80, DM99, DK86, FM12, FCG06, FS16, FB12, Gai04, GSW89, GK85, GL11, HPW10, HO01, HSBTZ13, Hei16, HL16, HS87, HJF10, HWX09, ITT04, JPP14, JLR09, Kam76, KJ07, KT03c, KK06, Lam87, Lam92, LM15, LL07, Li95, Li07, Lü13, MM00, MH78, MP76a, McE95, MS97b, Mor79, MV91, PS10a, PW99, RKL16, Rya98, Sav05, SW78, SK94, Sle78, SV79, Sub81, Tse91, Tsi91, TW00, WX13, WP98, WZ77, WA84, XLL08, Yam89, YMH94, YZ16, dBLR14]. **Applied** [BL03, Gon94, Ho93, HV00, Oss01, Qu14]. **Appreciation** [Ano95]. **Approach** [Aey85, AMP00, ATW93, AGJ+13, AA92, Arm86, AG97b, AS11, Aub90a, BD01a, Bal84, BH96, BSB+97, Bar88, BBC14, BTBT88, Ben96, BB09, BLS05a, BB06, BET07, Ber84, BFP08, BS93, Bli04, BKM14, BGL98, BEL02, CK98, CFT12, CMA08a, CLAL13, CLS12, CGS00, CDR08, CFNG10a, CFNG10b, CLMSR00, CP82, CdVF05, CdSBT09, Del86, DR87, DK89a, Enq04, Fab08, FP02, FZ05, FZ00, FFP+09, FV89, Flo99, FGS93, FGT95, FV95, FC05, Fra80, FB12, GR06, GQ09, GVL12, GPS95, Gha11, Gho88, GB93, GL97b, GO04, Gon94, GZ14a, GGLD90, Gue03, Guo01, Had06, HFY14, HJ15, HH78, HSZ15, Hel93, Hel76, Hen80, Hoe12, Hoe14, HR98, HMR15, Ich79, IS12, IM05a, IM05b, IK08, JS90, JQ97, KKP85, KT00, Kas09, Kas13, Kha03, KN03]. **Approach** [KS98a, KZ00b, KK02, Kot94, Kum08, KS84b, LN82, Laz88, LAKG92, LMR97, MP14, MM04, MPZ03, MRR16, Mat98, MO02, ML12, MR97, MR86, MI15, MN03, MM11, MPC91, Mor98, MA01, MS04b, MLYF02, Mur89, NS00, NT95, ÖT90, PS99, PZ11, Pon09, PA93, PC00, PMI06, Pue09, Qua03a, Qua03b, RS07a, RR12, RNK91, Reb95, RK89, Rot96, SS09b, Sch83, SP02, SW11, SI00, SD13, SDSÁR00, SD15, ST99, ST09b, Ste15, Stu15, Szn93, Szn95, Tak97, Tie14, Tse90, Und76, Val01, VC03, VG95, VK81, WZ12b, Wee07, WKS86, WM10, WORO00, Yam88, Yam89, Yu15b, Zam98, ZP03a, Zha95, ZLD12, Zwa88a, Dai88, Gho86b, JS91]. **Approachability** [SQS09]. **Approaches** [Mey77d, Pan13]. **Approximants** [CL94, KNW95]. **Approximate** [Alm08, BH96, CDZ94, Den97, GP98, GN03, HW99, HU84, JL98, JT11, Kar11, KLR09, Kob77, LL00a, LR00a, LW07, Lev85, LR16, LL15, LLM15, Mah03, Man81, MS04a, Mun14, Mun07, NLPT09, PP02, PT09b, Zho83, dOP03, de 98]. **Approximated** [MR05]. **Approximately** [KR89, NS91]. **Approximating** [CSB15, HU82, Kum08, Mey77b, Mil88]. **Approximation** [ABB02, AMP05, APA08, Bag84, BK82, BW89, BRR90, BF90a, BGR90, Bis78a, BM00c, Bra98, BvdMR05, BK02, BK99, BK00, BLS05b, CFN06, CDDP11, CR06, CMR07, CS10a, CGM11, CCK12, CKL16, Che98, Chr83, CL94, CMT11, CL06b, Com00, DGJ93, DGH09, DDS15, DR97, DF98b, DJ98, Fer05, FMSV16, FO98, GJP88, GMP00, GR88a, GA91, GRT92,

GCP88, GHZ14, GAHL09, GH96, GW96b, HLG93, Her78, HLZ15, IT87, Ito90, Ito96, IM98, IR00, Kam10, KT00, KS87a, KS90a, Kno82, KS15, Kun82, KW87b, KS13, KK76, KH79c, KS85c, KY87b, KY93, KVA96, Las84, LLMT02, LRT96, LZ94, Liu97b, MRV13, MD13, MS98, Mik12b, MPS99, OCI00, Pep16, PJ92, Pro90, QC95, Ros84b, SI03, SD15, SYZ13, TLC99, Tib11, WZY09, Whi80b, WŽ07, XB99, Yak93, Yu14]. **Approximation** [ZM11, vTY99, DK89b, GR85a, GR85b]. **Approximations** [AM89, BB78, Bar80c, Ben96, BHS05, BS90, BT98, Bor98, Bor00b, BR15b, CC99, Cro84, Dai12, Don96, DPR13, DK85, GM91a, Gib83, Gom89, GWY14, GP79, GKLM92, HI84, Her86, Her96, HHLP16, HY97a, IT86, KR80, KS89a, Kus79, KH81b, KS84b, Kus89, Kus02, Kus04, Kus07, Kus14, Las95, LS98, Lep90, Lóp12, Lóp13, MP99, MS92, MT94, MR78, MR79, Men89, Mor95, MA03, NP96, PRG16, PP02, Ros84a, RS13, Sal85, SS09c, SP96, SZ04, TA96, TPA97, VGBS13a, VGBS13b, VZ97b, Wri95]. **Arbitrarily** [CC01, PS04]. **Arbitrary** [BHL10, GW76, LNT02, MCS13, MVZ+09]. **Arc** [BHT87]. **Arches** [IST02]. **Area** [ASR+13, Fer78]. **Arguments** [MR78, RM92]. **Arise** [MS98]. **Arising** [Ach05, Bag84, BMS15, CDDP11, Fag08, Fla84, Fla87, FK76, Gah94, Gen13, IK94, KS98a, LB00, MZ97, NM10, SP02, Sha85, Tes92]. **Arma** [WDS79, CZ10, Enq04]. **ARMA/ARMAX** [CZ10]. **ARMAX** [Ber95, CG87b, SK86]. **Armed** [Agr95]. **Arrow** [GS93, Jah88, Pet90]. **Artstein** [Tsi95]. **Ascent** [Tse90]. **Aspects** [CM10a, Sch89, Sha10, SS92, Tow96, dJ78]. **Aspiration** [CAS13]. **Asplund** [Sag15]. **Assessment** [OVS08]. **Asset** [Cal09, DL13a, KR04]. **Assets** [KMZ98]. **Assignability** [Ho86, Reb89]. **Assignment** [Ari98, CM91, CW81, FR78a, GB93, HRW06, LT83b, LDZ10, MW09, NS14, RRW96, Ros92b, SRS15, Wan94, WCCL04, XS96, FR82a]. **Assimilation** [BB97, CB11, Pue09]. **Assisted** [CMT03]. **Associated** [ARS09b, BD83, BT03a, DMS02, Du15, FP11b, FL80, FL82, Gor15, HH76, HYZ11, Ich11, Kun82, LZM05, LM00, Rus86a, TZK11, YT13, Zha09, ZI00, ZTC16]. **Assumption** [BFZ10, DM02a, Stu15]. **Assumptions** [DL06, Hin14, Sch92b, VL78b, War76b, War83, Ye00b, Zas00]. **Asymmetric** [Alp10b, Car07, GNLB14]. **Asymptotic** [ACS00a, AG97a, Aus99, BM11, BTY11, BCL04, BA15, Bon89, BS11, BFP11, CC02, CK02, CLS12, CNS10, CG90, CC94, CSB88, CS89, Cor99, Cza04b, DMK90, DMS02, Dun81, DK85, FL81, FCJ14, FP99, GGM01, Gla05, Gor15, Grü98, GI02, HZ07, HMV05, HS09, HM09, IK02a, IK09, KT03a, Kra93, KH81a, KH81b, KY87b, KY93, LR00a, Liu13, Luq84, MRS04, Maz94, MC91, Mey09, MM80a, MN77b, MS04b, OW93, OP96, Pel00, Pen89, PA99, Pfl86, PS04, Pri05, Rod82, Ros00a, SAM03, Sîr15, SZ04, Son83, TLC99, Tar85, WC89, WC91, ZC91, ZY07]. **Asymptotical** [DJ95]. **Asymptotically** [Bag81, CG87a, CR11b, GL97c, Her91, IP06b, KMP13, LW87, LY91a, MSVA09]. **Asymptotics** [GO11, ST13]. **asymptotique** [Pen89]. **Asynchronous** [BE87, Bor98, Bor00b, CMA08b, LMA07b, TBT90, XW12]. **Atom** [MR09, SSL11]. **Attack** [ZM14]. **Attack-Resilient** [ZM14]. **Attainability** [DDK12, KP97, Reb77]. **Attainable** [AM98, AC05, Her78, WXZ15, WR14]. **Attenuation** [LD06, QLD01]. **Attitude** [BP14b, ZTC16]. **Attraction** [BM00b, RS10]. **Attractors** [LW12]. **Augmented** [BK97b, CZ99, DG79, Iof79b, IK90, IK96b, NNTD14, Vol00, VW02]. **Automata** [Cha14, CIP96, TW94a]. **Automatic** [VS80]. **Automaton** [BP02].

Autonomous [BB00, Cam76, CO03b, Mai03, PP13, Val01]. **Autoregressive** [BC00, KS90b, PO00]. **Auxiliary** [CM90]. **Average** [ABB01, ABFG+93, Ber98c, BHT10, Bor89, Bor00a, CLLP13, CC96, CP13a, CD10, FZ09, FGL08, GR06, GC05, GHS12, HLL94, HLL96, HLVAC99, HLL00, HLGHLM03, Küe07, Kus78a, Kus89, NC16, PRG16, Rob81, RFF15, VA03, ZGS99]. **Average-Preserving** [BHT10]. **Average-Reward** [CP13a]. **Averaged** [BP13b, GW96b, Pel00]. **Averaging** [BB78, Bar93, Bul02, Cha87b, DS99b, GN02, HSBTZ13, KH81a, KY93, Liu97c, LK10, MP11b, OT09, PA99, PJ92, TLC99]. **Averse** [ÇR14, CS12b, CHP+11]. **Aversion** [BZ15a, Xia11]. **Aviation** [LMJ09]. **Aware** [HJ15, ZM13]. **Axis** [BGMR94, BFP11, CFNG10b, Far08, Far13, Lou15, OS12b, OS14, Sch92a]. **Axisymmetric** [BP13a].

Back [VS80]. **Backstepping** [BHM99, CVKB13, MB04, MNB11, PB99a, WCS12]. **Backward** [BC16, BHL12, CE11, CF13, FT04, GCL15, GHQ15, GT05, GT14, HPW10, HQZ16, HP09b, HWX09, KZ00b, KT03c, Lia15, LZ01, MT03, ØS10a, PW99, RV87, ST14, Tan03, TZ09, Tse00, WWX13, YT13, YZ16, Yon10]. **Baire** [Zag00]. **Balance** [BÇS07, CK89]. **Balanced** [FS10, GO14, HO97, HSBTZ13, Hel93, LF87, MNC16, OMS90, Obe91, OW93, RV09]. **Balancing** [OC04, Opm07, ZHC06]. **Banach** [Cur13, Tri80, Ahm83, Ahm03, BP08b, BC96b, BC96c, BC96d, Bor78, BZ96, BS13b, BS00, CLMSR00, CS11, Cur11, DM83, DPT04, Den98, FHT09, Gfr06, HK07, HS11, HP94, Lev99, Mas08, NZ03, PS86, PD92, Phe85, Poo96, Tri76, Tri77, Tri78, vN04]. **Band** [EAK86, Kus79, Kus14]. **Banded** [HBS06]. **Bandit** [Agr95, MR90]. **Bang** [ASZ02, Ben76, Bre85, Cas12, CM95, Fel03, LT13, MO04, MS97a, Nar84, Ols02, PS11, PS13, Sar97, Sch88b, Sch80a, Shr81, Sus79, WXZ15]. **Bang-Bang** [WXZ15]. **Bang-Singular-Bang** [PS13]. **Bank** [CH98, CM07, CF14]. **Barankin** [GS93, Jah88, Pet90]. **Barrier** [Aus99, BB06, BT03a, Bou08, KM07a, PYM93]. **Barriers** [BB88, DL13b, SLG84]. **Base** [UMD88]. **Based** [AGJK12, BB78, BSB+97, Bas91, Bat07, BBT14, BB03, BC96b, BC96c, BK14, CLYL13, CHL15, CR93, CE06, Cob12, CR13, DYZ12, FCG16, FM00, FV95, FS10, FO98, GL76, GZ12, GVL12, GZSAB13, GKLW14, GN03, Guo94a, GNLB14, HS15, HLT08, HLZ15, KK14, KGBS08, KV07b, LL13, LXY14, LGZ13, Mac14, MDB05, Mao90, MYAS09, MA03, PYM93, Qua04, SP96, Sla03, TLC99, Wac07, Wim06, WM12, YYH+16, YLL+15, ZVBR14, ZHC06, ZZ13, Zd83, dWvS00, JV06, Lei01]. **Bases** [Akç01, Bis83, NHG99]. **Basic** [AGL08, BKR00, BH00, Li94a, Per81]. **Basin** [RS10]. **Basins** [Aub01]. **Basis** [BVW00, CW08, Guo01, Guo02, GX04, HdHVW03, KNW95, XS96, XG03]. **Batch** [Bd95, FEBL13, GCR09]. **Bayes** [MM00]. **Bayesian** [FP11a]. **be** [BK03, ŁS85b]. **Beads** [SAMB14]. **Beam** [Bea08, CM98, Guo01, Guo02, GH04, HT12, KR87a, KGBS08, LYLZ99, LL98, MM04, ÖH14, Tuc96, VS14, WC91, YW07]. **Beams** [AT00a, AZ08, Ber02, CZ98, CDKP87, Con90, LLS93, Leu99, Mor98, MÖ14, NP96, Reb95, ST99, WXY05]. **Beat** [BV13b, NMBM98]. **Beginning** [McS89]. **Behavior** [AMP10, BF76a, Cér00, CC94, FL81, FP99, HMR15, HM09, IRT07, LP10, McC76, MC91, Rei83, RX15, SW78, TW94a, TW94b, WC89, ZL01]. **Behavioral** [BFP08, Brü13, FZ00, GL97b, Hug16, IM05a, IM05b, NZ99, PS99, RW97b, SS09b, TFT11, Val01, WORO00, Zam98].

Behaviors [BV13b, BMO15, FV98, NvdPS10, Obe09, RR12, RT04, SBBV15, Sha01, Sha14, TG13, WSR04, ZL02, Zer05]. **Behaviour** [Kra93]. **Behaviours** [FRZ93]. **Bellman** [BL08a, ACL09, Aub02, BD83, BBC14, BS13a, BN16, CC04, DL06, Da 85, EJ89, FM00, Fra93, FL80, FL82, FMT10, Gar03, HS12a, HS12b, Ich11, KS99a, Kre00, LW14, LM82a, LM82b, LS85a, Lor87, Mal02, McE95, McE09, MO99, Nag96, Pen92, PZ14, WWZ14, WY08]. **Ben** [HN96]. **Ben-Tal** [HN96]. **Benjamin** [Mic01]. **Bernoulli** [ASTT09, AT00a, Guo02, GH04, Kim92, LT89, LL98, WC91]. **Best** [AK99b, BVW00, BRW05, CL94, HK94]. **Best-Choice** [HK94]. **Better** [Jac04]. **Between** [CFRV98, CF05, CIP96, DGKL10, HN96, JHMG06, Koe90, KZ00b, Pop97, Zwa88a, ASR$^+$13, BL00b, CV87, DV04, FG15, Gug03, GT08, KS84a, KS85a, McN84, TG13, Tri78, ZBA13]. **Beyond** [FK99]. **BFGS** [Che96]. **Bias** [PRHL06, ZVBR14]. **Biased** [CK98, FB12, PC00]. **Bidding** [AX05, BF13]. **Bifurcation** [GCSB99, Kan98a, Kan98b, Kan00, Poo96]. **Bifurcations** [HKB04, JR06a, KL02]. **Bilaplacian** [Ant14]. **Bilateral** [BL04, CCT05, CCT07, IK04]. **Bilevel** [BM13, Ye95, Ye97]. **bilinéaires** [GB82a]. **Bilinear** [ARS09b, BMS82, BD11b, BW79, Boo82, BI08, CGS00, FM12, Fla90, Fra80, Grü96, HSBTZ13, HMMS13, IK07b, OMS90, Ouz10, PD79, RT04, Sac97, Sle78, Tie14, Wan98, dRSV09, GB82a]. **Bimodal** [dBMS10]. **Binary** [BP12, DV12, Xie12]. **Biochemical** [Cha05]. **Biological** [CH12]. **Bioremediation** [RRR16]. **Birkhoff** [LL07]. **Bisection** [WFH13]. **Bisimulation** [Gra07]. **Bisimulations** [PT09b]. **Bit** [Col12]. **Bitangential** [Ste13]. **Black** [FP11b]. **Blackwell** [GS93, Jah88, Pet90, Yus97]. **Blind** [CS12a]. **Block** [Com00, GLD$^+$91, HO97, II97, JL93, Nym94, Sta93]. **Block-Balanced** [HO97]. **Block-Iterative** [Com00]. **Blowup** [BL96, LW11a]. **Bodies** [Eno94a]. **Body** [CD13a, Eno94b, GY98, MD15]. **Bogolyubov** [DPT04]. **Bogolyubov-Type** [DPT04]. **Boltyanskii** [Bre07]. **Bolza** [Cla76a, Dav07, Iof76, LR96, LR97, PP14b, You87]. **Bona** [Mic01]. **Bond** [LS91a]. **Bonds** [SPS04, SS06]. **Book** [BF13]. **Boolean** [LM13a, LW15b, LZH$^+$16]. **Borel** [HLL94, HLL00, HLGHLM03]. **Borelian** [Yus97]. **Both** [DF98c, GH04, Now89, OS02, Pau08, Ric77, TZ07]. **Bound** [BW88, EÖSÖ98, HK94, JHMG06, Jou00a, Jou00b, LH88, Was79, ZK88]. **Boundaries** [ASR$^+$13, De 15, DFM15, FP14, KB81, Sto97]. **Boundary** [ASK05, AN15a, AN15b, AFT91, AT96, AX96, AB93, AB02a, AB03, AK99a, AM89, Ama04, Amm02, AM98, AC05, ANS14, Aub02, AL00, AS95, BD01a, Bad09, BM86, Bar80b, Bar82, BT91, BF91, Bar95a, Bar12, Bar89, BC81, BLR92, BBGBO14, BF76a, BGBPG04, BRW05, BC02a, Bro87, Buc92, BN16, BGH94, CT96, CM06, Cas93, CF95, Cas97, CR06, CS10a, CZ98, Caz14, CRZ13, CGY03, CG10, Che81b, CM03a, CS77, CH94, CF14, CDZ94, CFSGS15, CS15, CBdN08, CGW10, CB15, CRV09, Cur85b, DZ76, DLP86, DGH09, Del04, DRT11, DF98c, DMPD94, DMPD98, EH10, Fab08, FG09, Fab92, Fag08, Far08, FM94, FH94, Fla84, Fla87, FK76, FR78b, FH88, Fuj86, FGH98, FI98, FGH05, Gev81, GW76, GK86, GT93, GY11, GRS00, GV05, GL11]. **Boundary** [GM13, Gue14, Gug03, GLS05, GHS92, GM00, GH04, GZ09, GY13, GZ14b, Hab02, Hac79, HRW88, Han94, HLP08, Hu15, Ito98, Kap94, KMM07, KB01, KMM11, KR87a, Kim93b, KC10, Kim90, Kom91, Kom97, KY05, KGBS08, KGS11, KMR10, KW87b, KW87a, KP94b, KV07a, Lag77, Lag78, Lag83a, Lag88, Lag89, LL00a, LD05, LT83a, LT83b, Las84, LT86, LT89, Las98, LZM05, LI00, LR03, LHX12, LR16,

Liu03, LPS12, Lü15, MY93, Mar99, MRV13, MD15, MZ97, Mic09, MS97a, MR04b, Mur92, NT95, NR15, Nic96, Nic97, Nic00, NP06, NLW91, NMI15, NFI15, Now08, ÖH14, Pan98, PU15, PS04, PT95, Rao98, Ray06, RR85, RS15a, Ros00c, Rus86a, SW78, Sch80a, Sch80b, Sch86, Sei78, Ser03, SCK10, Sok88, Ste13, Sun82, TL06, Tib11, VM00]. **Boundary** [WC89, WL95, Wan00, WXY05, Was79, Wec84, Wec00, WCG14, Whi80a, WT83, YDZ98, Zha99, ZH03, ZL07, Zua90, Cur85a, Sei82]. **Boundary-Value** [Aub02]. **Boundary/Point** [DMPD98]. **Bounded** [BM00a, BGP09, Boe05, Cel02b, CRZ13, Che79, Che81a, CW03, DV04, Day09, Far08, Fer78, FCJ14, FT12, GCR09, GM99, IP06a, Jay10, Kub85, MPN98, Mau77, MB04, MS03, PP14b, Ram98, RZ09, RK89, Rus76, Tre86, WC96a, Wee03, Wee05, XS96]. **Bounded-Energy** [Jay10]. **Bounded-Input** [BM00a, CW03, WC96a]. **Bounded-Output** [CW03, WC96a]. **Bounded-State** [BM00a]. **Boundedness** [BP08b, GTSN13, GP94, JP01, PAS00, Xie12]. **Bounds** [Bar80a, Den98, GL90, GCP88, HW03, Li95, Mun07, RY95, SZ04, SDSÁR00, Sus79, UUH99, UU00, YF97, DK89b]. **Boussinesq** [FCGIP06, FI98, LI00]. **Box** [CY99]. **Box-Constrained** [CY99]. **Brachistochrone** [Lip97]. **Brackets** [Liu97c, MPS99, Sus83]. **Branching** [CDDP11]. **Bregman** [BBC03, Kiw97]. **Brezis** [Ste08]. **Brightness** [ZVBR14]. **Brightness/Depth** [ZVBR14]. **Brockett** [CY94, DF16, Rya94, Tan00]. **Brownian** [AC02, DHPD00, DMPD12, HP09b, Mor10, Shr81, Van92]. **Broyden** [Fon89]. **BSDEs** [AJK14, CH13, FHT06, FHT09, FMT10, TZK11]. **Bucy** [New06]. **Budget** [TCC+15a]. **Bundle** [Kiw89]. **Burgers** [AK16, Cha09, DD99, GG07, KR15]. **Burgers-Type** [Cha09]. **BV** [BS04]. **Byrnes** [IST16]. **Byzantine** [BL15]. **C** [HMW12, HT10]. **C-Stationarity** [HMW12, HT10]. **Caching** [Lid15]. **Cahn** [CFSGS15, CS15, FSH16, FRS16, HW12, HW14, RS15b]. **Calculus** [Bou13, CZ94, CZ95b, DM09, DHPD00, Eke77, Fer05, GM05, HO01, HJM07, Hen80, HU84, IZ00, McS89, Mur86, OC12, RRW96, Thi97, Ulb02, Urs82, WB87]. **Calibration** [Ach05]. **Calmness** [Bur91a]. **Can** [IP06b, Mur86]. **Canal** [Mot00]. **Canals** [CGHS09, LS02]. **Cancellations** [LH87]. **Cancer** [LS07]. **Cannot** [BK03]. **Canonical** [BCG86, Bol80, CS05, CW81, HO97, JH14, Kal82, Pan83, PD79, Reb88, TR02, Teg84, WD76, WF76, WA84, BR87a]. **Canonicity** [Gri88]. **Capacitary** [AS13]. **Capacity** [BC96a, MS05, MZ07]. **Capillary** [Rei95]. **Capital** [TST07]. **Capture** [Aub01]. **Carathéodory** [BR08]. **Carbon** [CFH09]. **Cardiac** [CSB15]. **Carleman** [BHL10, CMV08, FCG06, WD14, Zha00]. **Carleson** [HR83b, HR83a, JPP14]. **Carlo** [CCHP12, KK76, Kus78b, KY92, YK91]. **Carnot** [BR08]. **Cars** [GW96a]. **Cartograms** [LL09]. **Cascade** [BRS14, HS15, MSR01]. **Cascades** [AAS02]. **Case** [ALY13, Bar95a, BÇS07, BÇMS+08, BS09a, Bor94, Bos02, CC02, CZ95b, CO03b, Cel15, CHL82, Che98, CL87b, Cur03, Cza04b, FZ05, Fat90, FGH98, FGH05, GGM01, Gla05, GL99, GP02, HO97, HG02, HW12, HPT07, KS07, Kru00b, KY92, Kus04, LS91a, LT89, LMA07a, LMA07b, NR15, QN82, Rai99, Sag15, Sul94, Sul98, Sus87c, Sus87d, Tad93, Teb11, VP07, VP15, ZZ15, BR87a, GR85b]. **Catching** [Car90]. **Catching-Up** [Car90]. **Categories** [SO13]. **Cathodic** [HS96]. **Cauchy** [HK13, IS12, IS14, ISdCN99, WHC03]. **Causal** [Fei80, FGT95, HH81, Jak86, NZ99, Por77, PY96, Ver97, WSR04, Zam98]. **Causality** [AT92, AT94, Fei80, Kan82]. **Cavities** [AHJM10]. **Cavity** [BL14]. **Cech**

[AR99b]. **Cell** [CFRV98, CCS13]. **Center** [ATV13]. **Centers** [PYM93]. **Central** [CH98, ISdCN99, WD07, Ber98a]. **Centralized** [KS97b]. **Cepstral** [Enq04]. **Certain** [Bal78, Car76, CHL82, Kra93, McE07, MOF77, MN77b, PB83, VL78a, YMH94, Zhu96]. **Certainty** [Hua10, KV13]. **CFD** [SS09c]. **chaîne** [CL78]. **Chain** [BA15, CGM14, CCHP12, HFY14, Kum08, Lei87, PR01, TZ07, Zar92]. **Chained** [LAN04, MS04b, CL78]. **Chains** [BV82, Bor83, Bor84, Bor89, Bor94, Bor00a, Bor07, BLS12, Can84, CC96, CHL15, CH13, CK89, GL97c, GC05, HYZ11, Ich16, PRHL06, PRHL08, Rot77a, TLPA00, YD03]. **champs** [Bac79]. **Chance** [Chr78]. **Chandrasekhar** [IP87]. **Chaney** [HN96]. **Change** [BL15]. **Changepoint** [VC03]. **Changing** [CMA08a, CMA08b]. **Channel** [dOP03]. **Channels** [BC96a, CFZ10, CM76, MS05, MS07a, Uch81, Yan93, YL12]. **Chaperoning** [Aub13]. **Characteristic** [CGW10, IS12, Zer05]. **Characteristics** [WZ01]. **Characterization** [AD08, All88, AW90, BL01, Bel00, BN97, BB04, BK16, CW03, CvdSC05, CA10, EÖ88, EH80, ES81b, FP14, Fer97b, Gal00, GLD+91, GdZ90, HO90a, Jah85, KC15, KS98b, KS99b, Mar02, MN07, Mik12a, MS02, MCWY14, SK94, Son83, Ste04, Vin80, WC96a, ZLD12, Zol81, Zwa88b]. **Characterizations** [CF91, SW00, SW99, Zol78]. **Characterizing** [HLT08, Ken80, Pan13]. **Chattering** [Art89b]. **Checks** [BÇMS+08]. **Chemical** [Bd95, ITT04]. **Choice** [GL97c, HK94]. **Choices** [LW15c]. **Chordal** [Sas14]. **Circle** [Mos82b, San96, Mos82a]. **Circuit** [van86]. **Circular** [ZC91]. **Claims** [EQ95]. **Clarke** [Bre07]. **Class** [AD15, AL12, Ahm83, Ahm03, ACS00b, Alv01, AMR14, AC05, ANP83, AP94, AK04, AC79, BP10, Bal91, Bar83, BCL83, BM90, BR10, BG09, BC13, BGL11, BGH94, CMV08, Car90, CT09, CDR08, CC96, CK78, CW81, CB11, CA09, CdSBT09, Cra99, DM89, DMK90, De 11, De 00, DHV98, DG79, Dmi92, DM15, DMS12, Dun81, DS01, FR78a, FG15, FS16, FBJM14, Fon89, FV11, FHT06, FO16, Fuh76, GLZ04, GT93, GP79, GTSN13, Gor15, GZSAB13, GH96, GT09, GYBL15, HD11, HZ07, HL88, HL81, HS87, IK09, IK10, KG80, KM07a, KJ07, KN14a, Kob79, KY05, KW87a, KV07a, Lag77, Lag78, Lau99, Lev87, LŻ11, LG07, Liu13, LI94b, Ma92, MP14, MADF98, MK10, Mey77c, Mey77b, MR86, MNS91, NMBM98, Nov04, Nur06, OT94]. **Class** [Pav13, Pul93, QZ13, RW87b, Reb88, Sla00, SW12, SZZ97, TKH10, Teg84, TC14, Tie14, TY00, WD14, WZ09, WCLC05, Yam89, YMH94, Yan95, YW12, Yu15a, ZC06, ZZS14, Zho83, dWvS00, dBLR14, FR82a, GB84b]. **Classes** [Car76, CE98, CR13, FM08, Gra07, GY12, Koe90, Obe91, SPBF10]. **Classical** [GDL11, HT12, Mor98, Pav13, SM13, Vrd16, WR14]. **Classification** [AZ07, BP98a, CYL96, CYL97b, CY94, Dic76, DTWY91, FFR14, Pic96, TR02, Tal05, Tan00, WY06]. **Classification/Estimation** [FFR14]. **Clebsch** [Lic13]. **CLF** [LSDS13, SD13, SD15]. **Closed** [Bru76, DS09, GSW89, Hin05, MPS99, Ols02, SD15, SY14, Zwa88a]. **Closed-Loop** [Bru76, Ols02, SY14, Zwa88a]. **Closure** [Bal82, Bal84, Las97, Rai99]. **Closures** [HLT08, HO90a]. **Cluster** [EOF07]. **Clustering** [BHPM04, BM06, KP04]. **CMG** [BP14b]. **Cobb** [MZ09]. **COCOLOG** [CW95, WC96b]. **Coders** [Yan93]. **Codes** [Hut09]. **Codimensions** [Sac97]. **Coefficient** [Aca93, BHOP14, CKL16, GB93, JZ09b, LZ16c, Luk85, McN84, Riv90, XZ15]. **Coefficients** [Ahm81, BM86, BGR07, Bis76, Bou93, BKM97, CK95, CDCCMG04, CDCCMG08, CLHH05, Cer01a, CPY09, DDK12, DKR08, GM09, Guo02, Hop87,

HQZ16, HZ05b, KH81b, Lam87, LC01, LBMH+16, Nag85, Nic96, Pie79, Tan03, Tan15, Toa11, WC91, YT13, Yao99, ZP03b]. **Coercive** [Idc98, MS10]. **Coherent** [ZLHZ12]. **Cohomology** [Rav00]. **Cohypomonotone** [CP04]. **Coils** [HS03]. **Coincidence** [BT91]. **Collection** [FPD08]. **Collectively** [BLP14]. **Collocated** [WCG14]. **Collocation** [Red79, TKXP12]. **Colocated** [GZ05, CW06]. **Colored** [BR13, LR00a]. **Combination** [Jar93]. **Combinatorial** [BO14]. **Combined** [AK99b, DQS16, KB76, Mor03, Zer03]. **Commensurate** [BFP11, Tad89]. **Comment** [Bal01]. **Comments** [Boo82, Cou83, Kot94, Wei77]. **Common** [Ahu16, FIR06, GNLB14, Imm07, KRW04, MBC06]. **Communicating** [CC96, KY87b]. **Communication** [FZ09, GAP+09, Lin14, LLX11, LFH15, MS05, MS07a, RC16, SSK02, Won09, Yan93, ZZ13]. **Communications** [AK99b, BHT10]. **Commutation** [EMP+16]. **Commutative** [BRR02, GK85, Kha82, MA01, Sul94, Sul98]. **commutatives** [Cla86]. **Commutativity** [VP87]. **Commuting** [Lou94]. **Compact** [BJ02, BR15b, Gib80, Gow89, GY12, KK16, Kum82, Lei85, SD13]. **Compactification** [AR99b, Bal81, Ros94]. **Compactness** [AG88]. **Companion** [Hug16]. **Company** [CTZ03, CM07]. **Comparison** [Cel07, EK85, GT90, Liu11, Mey77d, SQS09, Xie12, CL06a, CdLdDM02]. **Compartmental** [van98]. **Compass** [HT92]. **Compasses** [MSJ15]. **Compensation** [BH86, Ber89b, Gho88, GP02, LR06, Ros94, WF76]. **Compensator** [GB93, Las95, Sch83]. **Compensators** [Cob12, CR13, Cur84, CS86, Ito90, XB99]. **Competition** [Win78]. **Competitive** [CH96]. **Complementarity** [CD80, FK99, FT77, Fuj80b, Gow89, HK78, Jer78, JQ97, Kan78, LT91, MS87, SP05, Wat79, ZI00, ZL01, van86]. **Complete** [AJPR14, FN84, HPW83, HO90a, Hui92, Lep90, Nar84, RW76, SO06a]. **Completely** [AS13, BCM12a, Sun81, YD03]. **Complex** [HS13, JHMG06, LH11, YCLK13, YLYC15]. **Complexes** [Lom12b]. **Complexity** [CZA08, JP15, Kam10, KOS04, MADF98, NNTD14, Ovs14, Won09]. **Compliance** [CD15]. **Components** [JR93]. **Composite** [HP09a, SKS90]. **Compositional** [FM09]. **Compound** [AM15, BB09, BLS05a]. **Compressible** [CRR12, PS06]. **Compression** [BHM99, Hag02, RKL16]. **Computability** [Col11]. **Computable** [GL90]. **Computation** [BBBM08, BL89, Bol80, CH05, DZ91, FPT15, GL97a, HTY01, Kal82, KHJ14, RS10, WHC03, ZKW99]. **Computational** [EK85, HD11, IY12, MPZ03, MADF98, NNTD14]. **Computations** [Hag02]. **Computing** [GO04, ID87, Lin07, Yan96]. **Concept** [BKR00, EPR14, KK14]. **Conception** [BK97a]. **Concepts** [BM99, Cur86, FP96]. **Conceptual** [VGBS13a]. **Concerning** [FGB95, JZ04]. **Condition** [Ahu16, Ama04, AAA12, AJK14, BM00a, BO14, BM94, BN16, CN11, Cel02b, CFSGS15, CS15, Col82a, FT12, FN84, GB82b, GW15, GZSAB13, GX04, HQZ16, HLP08, Jön09, KC10, Kra09, Las97, Lic13, MP76b, MS02, OP96, Pet85, Pom09, PS04, RH06, RL78, RW94, Rya94, Sîr14a, Sus78, Sus83, TWY90, Tsi93, VL78b, VZ97a, ZL01]. **Conditional** [CW95, CEK03, Dun79, Dun80a, Dun86, GP98, Ham82, XUP08]. **Conditionally** [KM86]. **Conditions** [AN15a, AN15b, AT89, AX97, ACT10, AJ77, AX02, AMP05, ANS14, AR99b, AK04, AL00, Bah08, Bal82, BLJ15, Bar81, BLR92, Bat95, BJ04, BGR07, BT96, Ber84, BBV13, BGMR94, BGBPG04, BDP14, BT03b, BT10, Bro87, CM06, CDCCMG04, CTU00, CM02, CT09, CM10b, Cha82, Cha87a, CH99, CLM91, Cha91, Che04, CFR13, Chr77, CV83, Cob10, CBdN08, CB15,

DAR15, DM09, DO14, Du15, DT92, Dun95, Dun96, Dun98, EMH08, EZB11, Emr82, Eng10, Fei80, FBJM14, Fra84, FT13, Fuj86, Gfr06, Gil77, GK86, GT93, Gon87b, GTSN13, GHQ15, Gra88, GKLW14, Han86, HM93, Her76, HU78a, Hoe12, Hoe14, Iof79a, Iof79c, Iof79b, Ish88, IK11a, IS02, JZ99, Khá93, KWY08, KN14a, KK14, KR13, Kus78a, LLS90, LD05, Las84]. **Conditions** [LT89, LS98, LP79a, LP81, Lew80, LY91c, LXZ11, LHX12, LF15, LR96, LRW96, LY09, Mal97, MT78, Man81, MO02, MO04, McE95, Mey77a, MPT06, MY09, Mic80, Mil02, Mir86, Mor95, MW02, Muñ00, NR15, Now08, Ped98, Pen98, PS00, RT03, RW08, Sar97, Sch88a, Sei88, Sha84, SV97, SZ03, SZ96, Stu86, SW99, Sun82, TL94, Tib85, Tib11, TR01, Tri76, Uch81, Urs82, VP87, VT95, Vin83a, Vin83b, WS90, War76b, War84, War86, War88, Ye95, Yon10, Yu13, ZZ88, Zei01, ZZ15, Zho93, Zho98, ZH02, Zhu00, dRdPR08, dWvS00, van95]. **Conduction** [BF89b, FJ83, GH07]. **Conductivity** [GH07, KS86, Vrd16]. **Cone** [ACT10, BBV11, Bre07, DG90, GR02, Pha00, SB92, WK77]. **Cones** [Bor77, Bor78, DT92, Fra89, Gow89, SH12]. **Conewise** [CPS06, SH12]. **Configuration** [CM03b, LM97a, RM98]. **Confined** [BBV11]. **Confinement** [CP13b]. **Confirmation** [BSB+97]. **Conflicting** [War91]. **Congested** [BJO09]. **Congestion** [CJS08, KDB15, RS07b]. **Conic** [CZ04b, KC15, PHL16, WZY09]. **Conical** [All88, AW90, War88]. **Conjecture** [AFK10, Bay09a, CYL97a, Fre99, Ros00b]. **Conjectures** [MB12, Wyn09]. **Conjugate** [HPT07, KZ00a, Kaw01, MOF77, ZZ88]. **Connected** [CZ98, CDKP87, Cor99, GX04, JR93]. **Connection** [BL05, CF05, NM10]. **Connections** [GT08, KS84a, KS85a, Ohs13]. **Connectivity** [MG13, SNB09, SC12]. **Consensus** [APGC16, AB09, BGP09, BO14, CFT12, CMA08a, CMA08b, CSBC14, CLYL13, CHJ15, DV12, FZ09, GZ12, GL13, HM09, HLZ15, LLC11, LLX11, LH11, LGZ13, MG13, MBS13, MTS15, Med12, MMN09, OT09, Ols14, QS13, SS09a, SJ13, XW12, ZZ13]. **Consensus-Based** [GZ12]. **Consequences** [Wan08, Zua96, Zua98]. **Conservation** [AM98, BC02a, JS99, KY05, LGP15, Léa12, Per12, PU15, Ulb02]. **Conservative** [Liu97a, TW03]. **Conserving** [DvdS98]. **Consistency** [FP11a, Wri95]. **Consistent** [CG87a, CG87b, CE11, Gom89, NP96, PP02, SP96, VGBS13a, VGBS13b]. **Consisting** [CZ98]. **Constant** [Bar85a, BRW05, Can84, DKR08, Far08, FP99, Fre99, GH07, JZ09b, JH00, KN77, KH81b, Luk85, Nik99, Pfl86, RS13, Cou83]. **Constant-Gain** [JH00]. **Constants** [Li94a]. **Constrained** [AM89, AK15, BBBM08, BJ96, BT96, BK97b, BIK99, Ber76, BM00b, BTW82, BFZ10, BT03a, BC95b, BH07, BS11, BB04, BF07, BK02, Bud03, BKM14, Bur91b, CK02, Cas97, CT14, Cel02a, CM95, CF05, CQ05, Cha87a, CHL82, Che96, CY99, Che04, CK03, CNP98, CS03, CDP16, Cvi00, DL13b, Di 91, DG89, DJZ96, DH98b, DKS+11, DPR13, Dun80b, Dun86, Dun98, DRDG08, Fon89, GB84a, GBBT78, GV03, Gug10, GH96, GK11, GHS12, Hag79, Han77, HJ13, He87, HLGHLM03, HK06, HH08, HH10, HQZ16, HZ05b, HPT07, Hua07, ITT04, IS02, KV07a, KS13, LM15, LSDS13, Lor87, LB98, MY09, MP11a, Mif77, MS04a, MN08, Nar82, NNTD14, NPR15, OL77, Ouz10, PT87, PTH88, PS86, PD92, PMW83, PAH88, RZ98, Rot96, Rou86, Sch09, SB80]. **Constrained** [SW11, SR97, Smi96, Sok87, SZ96, SZ97, Ste04, Stu15, Szn93, VGBS13a, VGBS13b, Vog90, WW02, WS13a, War82, Wri89, Wri93, YZ97, dRdPR08, vDHV15, CTU00]. **Constraint** [AAC86, ACT10, AB05, Ban05, BDR02, BRS14, BBV10, BO16, BC96b,

BC96c, BH07, CM90, DPT04, Dun00, GP79, GT90, Gün95, IK96a, KP04, LN10, Lei06, Son86b, ZZ15, ZRS97, Son86a]. **Constraints** [Alt09, AM95, AJK14, AR99a, AR00, AA97, AKP05, Aub02, ABSP08, Aub11, BB98, Bar94, BSVD84, BB06, Ber92a, Ber98b, BP13a, Ber82b, BV10, BBV13, BC89, BZ99b, BJ10, Bor94, Bou08, BEI10, BN13, BT03b, BT10, BK83b, BQT08, BR07, BS06, CQSP00, CSBC14, Cas86, Cas93, CF95, CRZ00, CM02, CL87a, CZ04b, CTZ03, Chr78, CL87b, CdP10, CMOZ02, DXG15, De 83, DR08, DG85, DO14, DH12, Fag08, FGG10, FGG11, FS16, Fle85, Fra87b, FR99, FT13, GZ14a, GTT16, Hal89, Heu15, HT10, Hoe12, HS87, HY95, IK04, Jer78, KC15, Kas02, KZ00a, Kha16, KN14a, KS98a, KRS14, KKV11, KMR10, KR13, KLL10, KM07b, KV06, LZL02, LW15b, LG07, LR97, Lor10, LW11b, LY01, LY02, LW15d, Mal97, MV08a, MV08b]. **Constraints** [MRV11, Mic80, MR04b, Mot95, Out00, PZ94, Pen98, Pha00, PYM93, PA93, Pre96, PRHL08, PV98, RR94, RV00, RW78, RT03, RT06, RT07, RV93, Rus76, SS99b, SB92, ST00, SYZ12, Spi80, Sto76, TCC$^+$15a, Tam80, TL03, TLPA00, TKXP12, Tre99, Tse90, VW08, Wac16, Wan00, Wan02, Whi82, WK77, Wol12, WM12, XUP08, Yu95, Zar94, Zei94, Zha13, Zhu00, dlRT07]. **Constructing** [Fis11, Phe91]. **Construction** [CZA04a, DRW10, Gri83, MI15, Mor79, SO13, WP98]. **Constructive** [CDR08, GK87a, ZL02]. **Consumption** [AMS96, CLHH05, CSZ13, DJLY09, HS12a, HS12b, KLS87, LS91a, MZ09, OS02, SLG84, Zar92, Zar94]. **Consumption-Investment** [CLHH05, Zar94]. **Contact** [BHOP14]. **Contain** [MMK86]. **Container** [KLM04, SZ10]. **Containing** [Dol76b, LY09, Tol16]. **Context** [Per12, Rya94]. **Contingent** [EQ95, Fra89]. **Continuation** [CZ04a, DKRV13]. **Continuity** [De 15, AK15, AR77, CK03, CL94, Dav07, GV03, Hag79, JP01, MS87, Rot77b, TLPA00, Ye00b]. **Continuous** [AC13, ANP83, AP94, AS11, Bag81, BB00, BHT10, Bro10, CLS12, Car15, CG90, Chr83, Cor95, CdV02, CD10, DHX10, Ega80, EK97, FPT15, FB01, FR05, FC05, GW84, GC06, GGW91, GC05, GHS12, GHZ15, HD11, HZ10a, HM14, HFY14, HSZ15, IP06a, Jam14, JL98, KM16, Kar89, KN14b, KV13, Küe07, KS85c, Kus90, KOS04, LS05a, LFM07, Lin07, Liu95a, LS99b, LK10, LB98, Mai13, MG13, Med12, MR90, NC16, OW96, OMK84, Opm07, OS14, OOS15, Pav84a, Per81, Phi94, PZ11, Piu15, PRHL06, PRHL08, Pul93, Pul95, Pul96, Rod82, RW92, SP02, SJ13, Sîr14a, SZX16, SV79, TC14, TF08, TF11, TV02, TFL14, Vin83b, WZY09, Wim94, Wyn09, Xia11, Yan96, Yus97, ZH02, ZY03, ZH05, Zho07, dBMS10]. **Continuous-in-Action** [Yus97]. **Continuous-Mode** [SZX16]. **Continuous-Time** [Bag81, BHT10, Car15, CG90, CdV02, DHX10, Ega80, FPT15, FB01, FR05, FC05, GC06, GGW91, GC05, GHS12, GHZ15, KM16, KN14b, KV13, KOS04, LFM07, Lin07, LK10, MG13, OW96, OMK84, Opm07, Pav84a, Phi94, PZ11, Piu15, PRHL06, PRHL08, SJ13, Sîr14a, TF08, TF11, TV02, Wim94, Xia11, ZH02, ZY03, ZH05, Zho07, EK97, NC16]. **Continuously** [DG85]. **Continuum** [Agr95, BB03, BF13, HTY01, NH12, NFI15, PYM93]. **Continuum-Armed** [Agr95]. **Continuum-Parametrized** [NH12]. **Contrôlabilité** [GB82a, Lob70, Lob76]. **Contrôle** [Tah92, LM84, Pen89, Qua80]. **Contrôllabilité** [Bon84]. **Contraction** [Ben78, LL07, LZ16a, Qu14, RS07b, dBLR14]. **Contractions** [Bou93, Lou94]. **Contractive** [HMA81, LR79a]. **Contrast** [BCM13]. **Control** [ASK05, AT89, AFT91, AT96, AZ07, Ahm77, Ahm81, AX96, Ahm07, AGL08, AD98, AS13, AW90, Alm01, AM89, AK99b, AK02a, Alv01, AB02b, AL08, APGC16, Ama04,

AQ05, AGJ$^+$13, AM98, AT92, AT94, AP92, Ang76, AJK14, ANS14, AO15, AOS16, AHS13, ARS09a, AMPR15, AT00b, ANR08, AR99a, AR99b, AR00, Ara12, Ara13, Ara14, AB10a, ABK14, Art78, Art89a, AL02, AB10b, AA97, AKP05, AK04, AGS13, AC79, AK02b, ARS09b, AK16, BD01a, BDM07, Bah08, BP94, BRR02, Bal78, Bal84, BCD02, BKP14, Ban05, BB78, BK82, BW89, BBBM08, BLPdD15, Bar78, Bar80b, Bar81, Bar82, BD83, Bar88, Bar91, Bar94, Bar95a, BP97, Bar97, BC81, BLR92, Bar85b, BP88b, BDR94, BBC14, Bar85c, Bar93, BJ95, BL96, BJ96, BM90, BB08, BR87b, Bay09a]. **Control** [BRS14, BS16, BEM13, BKR00, BA15, BB97, Bel00, BKS10, BBGBO14, BBT14, Bv85, BE95, BN97, Ber92a, BT96, BK97b, Ber98b, BIK99, BZ99a, BL04, BF76a, Ber88, BS87, BGR04, BET07, BV10, BFPB13, Bie95, Bin76, BT98, BH00, BF90b, BV13b, Bis76, Bis77a, Bis78a, Bis78b, Bis82, Bla97, BP07b, BC95a, BT97, BV77, BK80, Boe05, BJ02, BDRR98, BP13b, BCM12a, Bon86, BC89, BC95b, BZ99b, BH07, BJ10, BS11, BDP14, Bon85, Bon91, Bd95, BS09a, BM13, BV82, Bor84, Bor89, Bor94, BB04, Bor07, BG07, BK10, BK16, BKK02, BK13, BC05b, BEI10, BT13, Bra09, BK14, BC02a, BR01, Bro87, BDDSV05, Bro10, BG14, Bru76, BS13b, Buc92, BP98b, BM07, BN16, Bud03, BR07, BGL11, BLS12]. **Control** [Bul01, Bul02, BL05, BCP09, BCF12, BKM14, BIP88, BR88, Bus84, BL08b, CC02, CK95, CD13a, CZ95a, Cal09, CGW08, Cam76, CK98, CGM98, CD89, CF91, CT96, CN11, CFS15, CQ15, CK02, CLAL13, Car97a, Car97b, CHJ87, Car90, CFH09, Car15, Car76, CDCCMG04, CDCCMG08, Cas86, Cas93, CF95, Cas97, CRZ00, CTU00, CM02, CR06, CMR07, CT09, CS10a, CGM11, CCK12, Cas12, CCK13, CK14, CT14, CRT15, CKL16, CC16, CZ04a, ÇR14, CO03b, CM95, CF05, CMP15, Cer01a, Cer01b, CG10, Cha87b, CE98, Che79, Che81a, CM81, Che84, CG87a, CDKP87, CG87b, CLZ98, Che99, CZ00, CZ01, Che04, CZ04b, CCT05, CCT07, CY12, CG13, CM96a, CM03a, CS77, CH98, CJT08, CJM12, CK03, CDL85, CTZ03, CMR85, Chr78, Chr80, Chr83, Cir14, CW81, CL86]. **Control** [CL87b, CW91, CN05, CdP10, CLdRdP11, CCS13, CFSGS15, CS15, CGHS09, CP13b, CH78, Col85, Col88, CS89, CW09, CK09, CF13, Con90, CM76, Cor94, CMOZ02, CM03b, CvdSC05, CD10, CD12, CDP16, CRV09, Cou83, Cro84, CP77, Cur84, Cur85a, Cza04b, DDK12, DG14, DM02a, DI87, Da 87, DI90, DD92, DI93, DD99, Dág04, DK05, Dai12, DXG15, DDT00, DGSW14, Dat80, DH84, Dav76b, DF96, DF98a, DGW10, DFM15, De 11, De 00, DGH09, DES09, DL09, Del86, DMS03, DBC12, DR05, Di 91, DR87, DS99a, DS07, DFP14, Dic76, DBS05, Die87, DJZ96, DCI07, DGQ13, DO14, DR77, DF16, DD03, DWZ$^+$16, DH93, Don96, DH98b, Dre77, DKS$^+$11, DM13b, Du15, DM02b, DM04, DM06, DQS16, DMPD94, DPDS98, DMPD98, DMPD00, DMPD12, DPD13, Dun86]. **Control** [Dun96, Dun98, Dun00, DF98d, DJ98, DS01, Dup03, DRDG08, Ega08, Ega80, EI13, ENJP88, Ell77, Fab08, FG09, Fag08, FM12, Far08, FNA02, FSH16, Fat94, FM94, Fat97, FGG10, FGG11, FT14, FL81, FR82a, FPT15, FGL08, Fis11, Flå95, Fla84, Fla87, Fla90, FP82, FV89, FM95, FHH97, FHH99, FP04, Flo97, Flo99, FM09, FR14, FB01, FD87, Fra84, Fra89, FR99, FT13, FK76, FB12, FP11b, FA13, FL80, FL82, FJ83, Fri84, Fri86, Fri87, FH88, FHY88, FRS16, FP03, FHT06, FHT09, FMT10, FO16, FN84, FT02, FGH98, FGH05, GKB00, Gah94, GL97a, Gai92, GN02, Gai04, GR06, GQ09, Gal00, GLZ04, GCC07, GMCL10, GT07, GK95, GVL12, Gen13, GMP00, GPB91, GPS95, GGF09, GGW91]. **Control** [GAM93, GAM97, Gib79, Gib83, GA91,

GRT92, Gil77, GW76, Gli12, GM05, Goe05, GT93, GY11, GWY14, GHZ14, GTHLHR02, GRC81, GHX86, Goo76, Gor15, Goz91, GRS00, Gra82, Gra07, GH15, GL97c, GV05, GK06, Gri83, Grü96, Grü98, GPSW10, Gu90, GM09, GM13, GQ11, Gue07, GLS05, Gug07, Gug10, GAHL09, Gui13, GM11, GHS92, GH96, GK98, GM00, GK11, Guo94a, GC05, GZ05, GT08, GT09, GW09, GZ09, GZ13, GZ14b, Ha88, Hab02, HT11, Hac79, HHI$^+$13, HD11, HM03, HH76, HM76, HI84, Hal89, HMA81, HKB04, HPW10, Han94, HSBTZ13, HAB78, Hau81b, Hau81a, Hau87, Hau94, He87, HYZ11, Hei16, HS91, Her80, Her86, HLL94, HLL96, HLGH98, HLVAC99, HLR01, HLGHLM03, HMW12, HSW12, HSW15, HG02, HS13, HH08, HH10].
Control
[HW12, HMMS13, HW14, HK01, Hin05, Hir77, Hir79, Ho86, Ho90b, Ho93, Hoe12, Hoe14, HMRR10, HJF10, HQZ16, HR98, HLP08, HZ05b, HZ05a, HO08, HZ10b, HJZ12, HSP16, HJ16, HCM05, Hua07, HWX09, HV00, HBS06, Ich82, Idc98, Igl96, IY12, IM10, IP06b, Imm07, IT87, IK94, IK96b, IM98, IK02a, IK02b, IK04, IK06, IK07b, IK09, IK10, IK14, Izm96, JLZ98, JZ99, JR06a, JB96, JP15, JK06, JS81, Jun00, KM16, KR80, Kan98a, Kan98b, Kan00, KMM07, KJ07, KB81, Kas02, Kas09, Kaw11, KN13, KLR09, KT04, KS87b, KS92, KS95, Ken80, KS97a, Kha03, KNP91, KB01, KBDK03, KWY08, KTWY12, KN14a, KR87a, Kim92, Kim93a, Kim93b, Kno76, Kno77, Kno79, Kno82, KS98a, KS00, Kog87, KT03b, KRS14, KM86, KM97, KHJ14, KK02, KKS93, KL16, KT16].
Control
[KL02, KKV11, KGBS08, Kru00a, Kru00b, KMR10, KR13, Kul93, Kum82, Kum83, Kum85, KG95, KS97b, Kum13, Kum88, Kun82, KV07a, KLL10, KW13, KPV14, KTV16, KS13, KM04, KM07b, Kus89, KR89, Kus90, KM91, Kus95, Kus13, KOS04, Kwo80, Kwo91, Lag77, Lag83b, LLS93, LL00a, LY91a, LLS90, LD05, LG09, LM13a, LT83a, Las84, LS91b, LHPT08, LW15a, LZM05, LS07, Lee86, LI00, LS05b, LMJ09, LW07, LS99a, Lei06, Leu99, LR79a, Lew80, LM97a, LSDS13, LY91c, LLMT02, Li07, LW14, LW15b, LZ16b, Lia15, LZ01, LH87, LH88, LAKG92, LW11a, Lin14, LM82a, LM82b, LS85a, LP86, LRT96, LZ94, Liu97a, LS99b, LZ06, LG07, Liu14a, LW15c, LFH15, LR94, LZ92, LT97, LRT98, LR00b, LM02, LT03, LM00, Lor10, LMPR09, Lou02, Lou03, Lou07, Lü15, LZH$^+$16].
Control
[LSW14, Ma92, MP14, MM04, Mac14, MT09a, MPN98, MS92, Mal97, Mal02, MZ15, Mam14, MBL00, MY93, MPZ03, MRR13, MRVM00, MK90, Mas08, MSBC08, MR78, MR79, Mat05, Mau77, MP94, MO02, MO04, MRV13, MCS13, MSSZ88, McC76, McN84, McS89, Mee89, MV08a, MV08b, MV11, Men80a, MS98, MS11, MP76b, MR04a, MR05, MPT06, MY09, MP11a, MZ97, MP84, MT08, Mik12b, MM80b, Mil96, MR97, Mil02, Mil06, Mil88, MR86, Mir86, MS97a, MS04a, MR04b, MW04, Mor79, MO99, Mor03, Mor10, MPS99, MS04b, Mos82a, Mot95, MS07b, MS10, MS96, MLYF02, Mur89, Mur86, Nag85, Nag96, NR97, NK94, Nai87, NOV03, NPR15, NMBM98, NS86, NFI15, Now08, NS14, OW00, Ohs13, ØS10a, ØS12a, Ols02, OS12b, OS14, Orl04, OL77].
Control [Oss01, OvS00, ÖT90, PS10a, PB96, PKL13, Pan92, Pan98, PPZ13, PT86, Pap89, PLSB14, PP14a, PHL16, Ped91, PT09a, Pen90, PW99, Pen88, Per12, Pet04, PU15, PGB14, PRG16, Phu01, PV13, PS99, PP02, POU11, PQ00, Pla80, PT09b, PH92, PYM93, Pop95, Pop97, PZ13, PO00, PC00, PRHL08, PT06, PW78, PS87, PY96, Pro90, PV98, QV04, QR11, QV13, RRJ16, RM92, RW87b, RMZ02, RV00, Rao98, RM98, RNK91, RZ98, Reb88, Reb89, Reb77, Reb78, Red79, RR85, Rei86, Rei95, RCS01, RS15a, RR13, RCA12, Ric77, Rif00, Rif02, Rin09, Ris86, Ris94, RV87, Rob81, RS15b, RW01,

Roc87, Roc89, RW90, Rog07, RL06, RT03, RT06, RT07, Ros84a, RK89, RS07b, Rot96, Rub95, Rus86a, Rus88, Rya98, Sak02]. **Control** [Sak84, SDV97, SS99a, Sav05, Sch89, Sch92a, Sch15a, Sch09, SW78, Sch80a, Sch80b, Sch86, Sch15b, SP96, Sei78, Sei88, SL98, Ser03, SRM16, SK86, Sha85, Sha88b, SK95, SSO13, She85, Shi88, SSK02, SB78, Shr81, SR97, SV97, Sim76, Sîr15, SI03, Sle78, Smi90, Sok87, Sok88, Son86b, SS89, Sor96, ST09b, Sta98b, SC81, SV79, Sta15, SZ96, Ste07, Sto91a, ST90, Sto91b, Sto92, Sub81, SAMB14, Sus87b, Szn93, TP05, TCC+15a, Tak97, TR02, Tal05, TL94, Tan98, Tan03, Tan15, TC13, Tar85, Teb11, Teg84, Tes92, TW94a, TL09, TD94, Tib85, TLPA00, TKXP12, Tim14, TF08, Tol16, Ton03, Tre90, TS95, Trö99, Tsi91, Tsi92, Tud90, TO15, Uch83, UP99, UP02, Urq05, VS80, Van94, VGBS13a, VGBS13b]. **Control** [Vel97, VW08, Vig97, VJ77, VL78a, Vin80, VK81, Vin83a, Vin83b, VW90, Vin93, Vin05, Wac07, Wac12, Wac16, WS92, Wan98, Wan00, WW02, WW03, Wan08, WZ12b, WX13, WWX13, WZ94, Was79, Wec84, Wee92, Wee05, Wee07, WC96b, WD07, Wei89, WCG14, Wen15, Whi79, Whi80a, Whi82, WKS86, WP76, WHB92, Wol12, Won09, WRGA14, Wri95, WT83, WY08, WCS12, WM12, WJE16, WJZ12, XA93, XB99, YL10, Yan14, YZZ01, YYH+16, Yon93, Yon13, YZ97, YDZ98, YLL+15, You13, YADF09, YCLK13, YLYC15, Yu15b, YL12, Zas00, Zas06, Zei84, ZZ88, Zei94, ZCGT10, ZZ94, ZC96, Zha98, ZJ06, ZC06, ZLHZ12, Zha13, ZZ15, Zha15, Zho84, Zhu92, Zhu96, ZRS97, Zhu00, ZM14, ZTC16, Zol81, Zua96, Zua98, dlRT07, dBMS10, vRM98, van87, vDHV15, BG88, EJ89, GR85a, GR85b, GRC82]. **control** [KS84a, KS85a, LM84, Pen89, Qua80, Shi90, Son86a, Tah92, SZ97]. **Control-Affine** [AZ07, CJT08, JP15, LS99b, MSBC08, JR06a]. **Control-Constrained** [BKM14, vDHV15]. **Control-Dependent** [Tes92]. **Control-Lyapunov** [KT04, Rif00, Rif02]. **Control-Semilinear** [Gra82]. **Control-State** [AR00, CRZ00, RT03, RT06, RT07, dlRT07]. **Control-Strategy** [Yu15b]. **Controllability** [Aey85, AL12, AB03, AK99a, All99, AZ08, Arm86, AFO86, AL00, ARS14, BM11, BMS82, BLJ15, BT91, BK97a, BM99, Bea08, BLT15, BBGBO14, BP14b, Bia83, BS90, BS93, BPR04, BV13b, BGMS78, BCG84, BFZ10, BDFCGB12, Bon84, Boo82, BL05, BGM97, CL02, CZ98, CCM14, Caz14, Cer07, CRZ13, CMP15, CM12, Cha09, CSB15, CMC81, Che76, CMK15, CRR12, CDZ94, CL86, CT04, CGW10, CGR10, CM03b, CRV09, DAR15, DM89, DL09, DKR08, DFCGBZ02, ET15, Eno94a, Fab92, FW92, Far08, Far13, FGB95, FCG06, FCGIP06, FCLZ16, Fra87a, FYZ07, FI98, GCL15, GB82a, GB82b, Gev81, GG07, Gon87b, Gra08, GH15, Gro12, Grü98, GL11, Gue07, Gue14, Gug03, HZ95, HPS07, Her76, Her82, Her96, Hey76, Hir76, Hir86, Hir90]. **Controllability** [Ho90b, Ho93, Hu15, Ich07, JPP14, JL76, JS90, JS91, JL14, Jou00a, Jou00b, JS84, KC15, Kam76, Kap94, Kha01, Kha03, Kha07, KBDK03, KMM11, KC10, Kim90, KY07, Kob78, KLM04, KY05, Kra09, KP94a, Lag78, Lag89, LT89, Léa12, Leq13, LM97a, LR03, LW15b, LR16, LG07, LZ12, Liu14a, LL15, LLM15, LBMH+16, Lob70, Lob76, Lom12a, LV97, LPS12, LM08, Lü14, LZH+16, Luk85, Mac94, Mah03, MRS04, MT78, Man81, MR15, Mar77, MRR13, MRR16, MRV03, MY79, MZ97, Mic01, MZ06, Mic09, Mor98, Mot00, Mun14, Mur87, Nai87, Nar82, Nar84, Nic96, Nic97, Nic00, OT83, Oss01, ÖH14, PPZ13, PS86, Per12, PB83, PD92, Pri05, PZ03, RS07a, RJME09, Riv90, RW97b, RL78, Ros00c, RZ09, RZ93, Sac97, Sch92c, SB80, Sei77, SMDB97]. **Controllability** [Da 16, Son83, Son88, SC80, SC81, Sus78,

Sus83, Sus87a, SIC00, TZ09, TL06, Teb11, TC14, Tie14, Tri76, Tri77, Tri80, Tuc96, TW00, TW03, UY79, VZ00, Wan08, WD14, War76b, War78a, War78b, War83, War85, War88, War89, Wec82, Wec00, WZ09, WCG14, Whi80a, WM10, Yam12, Yao99, Zha99, Zha01b, Zho83, Zho84, Zho07, ZL07, de 98, dRSV09, vN04, van82, Kre85, Kum88]. **Controllable** [Bol80, Cor95, Gra81, HO90a, Jam14, MPS99, O'B79, OOS15, SA96, Sha14, SB94, Sun81, TR02, Tie14, Tri78, WR87]. **Controllable/Observable** [Bol80]. **Controlled** [AMV07, ABFG+93, AB10a, AB12, BD15, BC05a, Bor83, BK95, Bor00a, BG05, BET10, BQT08, BCT10, CM04, Cha10, CH99, Cha05, CTT16, CP16, DS89, DMS12, Fle82, GR88b, GL97c, Guo02, HMV05, HSV00, HY97b, HMA97, Ich16, IRS02, KP97, KHJ14, KM96, MSS96, Mor11, NF13, PRHL06, Ram94, RS15a, SY09, WZ12b, WZ12c, XLL08, Yon10, Zit14, Zwa88b]. **Controller** [ABL13, AN06, BHM99, BH13, CW95, FIR06, Gre92, Imm07, KK92, Kob88, LŻ11, LH88, PB99a, PD02, PLK89, RRJ16, RSV04, SS99a, Ste07, Szn95, WCLC05, YCY13]. **Controller-and-Stopper** [BH13]. **Controllers** [BT11a, Bar12, Bar77, BCL83, FCG16, GMCL10, GHJ00, GP82, Hai86, KGS11, Lei01, MVHN09, NS00, PTY07, Qua04, RY95]. **Controlling** [Eva13]. **Controls** [Ahm96, Ahm03, AC13, AC05, ABR00, Art78, AT82, Art89b, ARS14, Bal94, BSB+97, Bar83, BL01, BY13, Ber89a, BGBPG04, Bre85, Bre86, CT14, CCW14, CMT11, CV90, Cos13, CR11b, Dág06, DI94, Di 91, DF94, Fat90, Fel03, FCGO05, FT04, GCR09, GV03, GSW89, GS94, GJZ10, Gon87b, GWY14, GM13, GM99, Hau82, HL90, HS95b, Her91, HY97a, HY97b, Joh05, Kha01, KZ00b, KTV16, KS98b, KS99b, KR87b, KR88, Kus14, Lag83b, LT89, Las95, LXY16, LR16, Lis14, LNP00, LT13, LY09, LW11b, Mil06, MV07b, MR96, MS10, NN90, NPS15, Nar82, Nar84, Nic97, Ram98, RZ98, Reb78, Res76, Ros92a, Ros00b, RS93, Sar97, SB80, SZ82, Smi96, Tad88, VL78b, WD79, Wan02, WXY05, WZ12c, WXZ15, War77, War85, War91, Wee03]. **Controls** [WP76, Yu14, ZZ15, Zho92, Zho93, Zho98, Zuy16, FCGIP06, HS95a, Sei82]. **Controls/Observations** [Las95]. **Convection** [WD14]. **Convective** [HLP08, RS15b]. **Convergence** [ATV13, AGL08, AM89, And14, AB09, ABK14, Bal82, Bar80a, BE13, BP04, BP06, BKS10, BR82, BV13a, BB03, Bin76, BTW82, BM00c, BKK02, BR01, BK02, CFN07, CMA08b, Che96, Che98, CC88, CL94, Cob10, Com00, DK05, DM99, DHV00, DV12, Dun79, Dun80a, Dun81, Dun00, DJ98, DS01, EHS07, FK91, Fat90, FY76, FMSV16, Ger92, Gib81, Gül91, GY13, GZ13, HT11, HH76, HZ07, Heu94, IK07a, JS99, Jay10, KP97, Kam10, Koe79, KS15, Kus78b, KH79c, KS84b, KY93, KM96, Lei85, LZ16a, LL94, LT91, LT92, Luq84, MT94, MSS96, MBS13, MCS13, McE09, MK10, Mey77a, Mey77d, Mik12a, MB12, OT09, PV98, Qu14, RRS14, Sac85, SR04, SY09, SYZ13, Sor98, Sva11, TYW11, TG12, UUH99, UU00, VW02, WS13a, WP76, WHB92]. **Convergence** [Wri89, Xie12, YD03, YZ97, Yu15a, YL12, DK89b, CKL16]. **Convergences** [Cou00, LR92]. **Convergent** [Bas91, BR07, CLRJ13, CS77, GHX86, KK03, PT87, PTH88, PLSB14, PQ98, QC95, Yak93, ZRS97]. **Converging** [GL76]. **Converse** [HS11, KT03a, KT04, LSW96, Wir05]. **Convertible** [SPS04, SS06]. **Convex** [AM89, ABB04, AAA12, AFO86, Bar78, Bar80b, BT96, BE87, BHT87, Bli04, BM13, BGL98, CK95, CC13, CSBC14, Che96, CB11, Com00, Cou00, Den97, Den98, Enq04, FV89, GBCG98, GM91a, GPB91, GPS95, GHZ98, Goe05, Goe13, GT90, Gül91, HM76,

Hal89, HL88, HJ15, HLT08, Heu15, HU82, HU84, HKL89, JHMG06, JG99, Kiw89, Kiw96a, Kiw96b, KHJ14, KB76, Kry98, Lei85, LP79a, LP81, LHS06, Li95, LP87, LT92, MNC16, MW78, MOF77, MNS91, MS96, O'N76, PP14b, PZ11, PA93, PR07, Ram05, RZ14, RW76, Roc89, Sch15a, SD13, Tan88, Tha86, Thi97, Tse90, Tse91, Vin93, WS13a, Wri95, ZZ15, Zhu92, CL78, PV04]. **convexe** [CL78]. **Convexity** [Bal94, Cel07, DK78, FBJM14, Goe02, Hin14, Kno77, LN10, LY12, RW00a, RW00b, SPJ15, Tar90, WR14, Zas00]. **Convolution** [GMM91, Mos80]. **Convolutional** [Hut09, VZ00]. **Cooling** [SSL11]. **Cooperative** [BCP09, Eng10, GK02, LO15, YXJ11]. **Coordinate** [BA08, HG90, MA01]. **Coordinate-Free** [MA01]. **Coordinated** [GAP+09, HPS03]. **Coordination** [CB09, CAS13, CB05, DJ13, GL06, HPT07, HM09]. **Copositivity** [Pre96]. **Coprime** [Gre92, Mik07, OS12b, OS14, Qua03a, Sta98a]. **Corank** [BBG12, BG13]. **Corrected** [GŠZ05, GŠZ10]. **Correction** [Bor07, KH69, Wei77]. **Corrections** [Cur13, DF98a, JLZ98]. **Corrector** [SZZ97]. **Correlated** [Kwo91, WWX13]. **Correlation** [DS87]. **Correspondence** [Bar77]. **Corrigendum** [BT10, Flå95, FL82, GRC82, Sul98]. **Corrupted** [GG13]. **Coset** [CDM90]. **Cost** [ABB01, And88, ABFG+93, Bar80b, BP14a, BD02, BBGBO14, Ber98c, BM84, Bor84, Bor89, Bor00a, Cam76, CK98, CDR08, CC96, CM81, CG87b, HSZ15, HLL96, HLVAC99, HLR01, HLGHLM03, HG02, IK02b, IK14, KKS93, KV07b, Kus78a, Kus89, LT83a, Lis14, ŁS85b, Mil06, PB96, PB99a, PQ00, PC00, Rob81, Sla00, Sta78, THA02, Tre89, Wee03, Yu15a, GR85a, GR85b]. **Cost-Biased** [CK98, PC00]. **Costate** [BV10, VW95]. **Costs** [AMS96, ABK14, BP10, BZ15b, BMS15, BC12, BHT87, Cal09, CLZ98, CZ00, CSZ13, DJLY09, DPZ93, HLL94, HCM05, Kam03, LZ13, NA02, OS02, Pau08, Ric77, Roc89, ST13, SY09, Tse90, Bla97]. **Coulomb** [BHOP14, Lip97]. **Countable** [HW05]. **Counterexample** [Fre99]. **Counterexamples** [BBV10, JZ04, Wyn09]. **Counterparty** [HL16]. **Counting** [AH14]. **Coupled** [AB02a, AB03, ABAC10, CC02, Cza04b, DXG15, DC06, Fu12, Ho93, HCM05, KB16, KL99, KT16, LW14, LR16, LFM07, Liu88, Liu14a, PW99, Reb95, Sta15, Teb11, WZ09, XG03, YCY13, Zei92, ZHSP14]. **Coupling** [CLLP13, CGR10, Fuh76, KB16, LH11, SL13]. **Couplings** [HP09a, KHP06]. **Covariance** [BGL98, Enq04, Gen13, RKL16, ZRS97]. **Cover** [PPZ06]. **Coverage** [BCF12, FGGH15, LL09, ZM13]. **Covering** [RN13]. **Cox** [BPS05]. **Crack** [BB07, KL16]. **Crack-Defect** [KL16]. **Cracks** [AD96]. **Crank** [MV11, vDHV15]. **Criteria** [AL01, Bla76, DHX10, Dai12, DM97, HLL00, JL76, Kre78, LR16, MS97b, NLPT09, Vid77, Zei92, ZP03b, ZP05, ZD14]. **Criterion** [ABFG+93, Bar80b, Bis77a, Bor89, CC96, CP13a, DZ76, FK83, FD87, HSZ15, HR83a, Küe07, Kum08, Mos82b, PB99a, Zei84, ZH05, HR83b, Mos82a]. **Critic** [KB99, KT03d]. **Critic-Type** [KB99]. **Critical** [AH14, Cer07, Kre00]. **Crocco** [MRV03]. **Crocco-Type** [MRV03]. **Cross** [BL14, CFNG10b, OVS08, SO06a]. **Cross-Talking** [OVS08, SO06a]. **Crouch** [Kup85]. **CRRA** [TZ10]. **CTL*** [JK06]. **Cubic** [CGR10]. **Current** [GK06]. **Currents** [CFRV98]. **Curry** [Phe86]. **Curse** [McE07, McE09, MK10, Qu14]. **Curse-of-Dimensionality** [Qu14]. **Curse-of-Dimensionality-Free** [McE07, MK10, McE09]. **Curvature** [ATW93, Cha91, GL06, Liu11, MR15, SC06]. **Curvature-Driven** [ATW93]. **Curve** [DJ86, MZ15]. **Curved**

[AST05, CS10a, CGM11, DGH09]. **Curves** [DIL15, ER88, HT92, KN13, MN08]. **Cutting** [Jer78, Jer80, LR79b]. **Cutting-Plane** [Jer80]. **Cutting-Planes** [Jer78]. **CVS** [SD13, SD15]. **Cycle** [Jön09, Tro96]. **Cycles** [Joh05, JM05, MMK86]. **Cyclic** [Bia83]. **Cyclically** [BLW07]. **Cyclicity** [Sch15b]. **Cylindrical** [BBGBO14, Rus86a].

D
[BP97, BRS11, BE13, CC16, CM12, CGW10, Dág06, FRZ93, Gue14, KR15, Mic09, PP13, RW01, SCK10, TL06, VZ09, ZM11, Zam98]. **DAE** [KM07b]. **Damped** [Buc92, CC01, FM08, LR06, MRR13, SMDB97]. **Damping** [CO03a, CSC14, DDK10, Fre99, Fu12, GGH16, Hua88, LYLZ99, Liu97a, LL98, LZ16c, Nai95, Ovs14, Sak84, Sto91a, WC91, WXY05, ZC91]. **dans** [Tah92]. **Data** [Aus84, BP88a, BB97, BD01b, CB11, Enq04, EH10, FS16, FA13, GN03, Hag02, Hag05, Heu94, Izm96, KK16, KLR09, Kob83, Kob84, LLX11, LM02, LRT05, Log13, MRP99a, MRP99b, NE04, NOV03, NLPT09, PU15, Pue09, SK94, Sta79, TS95, VW90, Yam12, YYH+16, ZZ13]. **Davis** [Les12]. **Dead** [BV13b, NMBM98]. **Dead-Beat** [BV13b]. **Deadbeat** [CS84, Kim78]. **Deadline** [DY13]. **Dealing** [CF95, Lin14]. **Decay** [ACS00a, AB09, CC01, CSC14, DDK10, FCJ14, Fre99, Fu12, Kim91, Liu88, LL98, LR06]. **Decentralized** [FLJ13, KS97b, Ma09, OvS00, SSK02, Wan94]. **Decidable** [BO14]. **Decide** [BO14, Son88]. **Decision** [ABB01, Alm08, AS91, AG97a, Can84, CC96, Cha14, CHJ15, CL06b, CP13a, DR06, DPR13, GHS12, GHZ15, HJ13, HJ15, HW05, HP14, JV06, KA06, Koe79, Koe90, KB99, Kre78, Kur89, PZ11, Piu15, Rod82, Rot77a, SZ95, Sza95, VZ16, Yu15a, Yus97]. **Decision-Making** [Cha14]. **Decisions** [Alp88, BP12, CSA+13, KLS87, Sag13, Zer03]. **Decomposable** [Laz88, YD03]. **Decomposed** [Ha88]. **Decomposing** [BP08b]. **Decomposition** [BCG86, CM90, CC90b, DGQ13, Dun91, Dun93, JH14, Kre77a, LL00a, LF87, Leu99, LB89, MSv86, MNS91, O'N76, Ste92, Ter94, Tse91, Wim94, Zab78, Zab80, ZL02]. **Decomposition/Coordination** [CC90b]. **Decompositions** [KR80, Li07, Tro96]. **Deconvolution** [CF06, FP02]. **Découplage** [Cla86]. **Decoupling** [BKP90, CM00, CP95, DH84, DM89, DC88, EÖ88, FA89, Hir81, HNv92, Hui92, II97, KS15, Tre86, WC81, Cla86]. **Defect** [KL16]. **Definable** [BR15a]. **Defined** [CM16, CP76, Fer78, Ols76c]. **Definite** [Fle85, TR01]. **Definiteness** [AI02]. **Definitions** [Lew80]. **Degeneracy** [AA97]. **Degenerate** [BC05a, BT03b, BT10, CMV08, Che98, DDK12, GLZ04, Gue14, HLT08, HL81, Ho86, HQZ16, HCM05, Lou03, Men80a, Men80b, OW00, RV00, WD14, Qua80]. **Degenerating** [CSB15]. **dégénérée** [Qua80]. **Degradation** [CZA04a]. **Degree** [Gha11, HHI+13, IRT07, KB81, LH88, MH78, Tha86]. **Degrees** [NCL13, Zaf03]. **Delay** [Alt09, ALR99, CFN07, Car90, CFNG10b, CW91, DKR08, DFP14, DC88, EPR14, Fla90, Fre00, FIM09, FNV10, FMT10, GVL12, GLK12, GL97b, GM11, GMY16, Hab96, HZB13, Kar06, KK16, Kun82, KW78, Lou15, MP99, Mam14, Mat05, MNB11, MNB12, MSR01, MN07, MVZ+09, MSv86, NS00, Ngo09, NBF16, NP06, PS10a, PPL09, RG14, RW97b, Ros84b, Ros92a, SFFC08, SO06a, SO06b, Tad97, VZ00, WZ77, YC06, YÖ08, YW12, ZP05]. **Delay-Differential** [GL97b, RW97b, VZ00, WZ77]. **Delay-Independent** [MN07]. **Delay-induced** [Fre00]. **Delay-Integral-Quadratic** [Alt09]. **Delayed** [Bag84, BCY15, CFN06, KB16, Kar11,

LH14, LZH+16, MP14, NR97, Ros00b]. **Delays** [AHS13, BBC81, BL83, BFPB13, BM84, BFP11, BIP88, CGM14, CMA08b, DLP86, Dat88, Del86, EOF07, FGG10, FGG11, FT14, FCJ14, FTZ87, GAP+09, Gli12, Had06, HRW88, Ich82, Kwo80, LZ16b, Lin14, LLX11, LH11, LFH15, LRW96, ML13, MZ15, MT94, MERD02, MMN09, Mil88, NT16, OVS08, Ouv78a, Pan83, QS13, RT98, SO06a, VK81, WGK11, YCY13, ZLD10]. **Demand** [FSS87, SZ10]. **Demands** [BB09, BLS05a, SPBF10]. **Dennis** [CDG15]. **Densities** [Bis78b, HLT08, Nur06]. **Density** [BP08a, BS03, HO01, HW12, Zhu94, vW84]. **Dependence** [DE14, LS99b, OT94, PT09a, PS06, RW92, SV79]. **Dependency** [MVZ+09]. **Dependent** [AT94, BHOP14, BHT10, BJ10, BHHE03, Dun00, FNV10, GdOB02, GGH16, GK85, GHS12, Heu94, HK01, KY07, KK06, KS84b, Kus13, Kus14, Lam92, PZ14, SYZ13, Tes92, VT95, YD08, ZBB07]. **Depending** [CP98, FT12, Mai03, Riv90]. **Deployment** [CB09]. **Derivation** [Dav78, MT78]. **Derivative** [AGJK12, CC90a, DDS15, EI13, HU82, HU84, HN96, MVHN09, PS10b, Sla00, Sla03, SZ99, Toa11]. **Derivatives** [BFL16, CNS10, CHN94, LS85a, LL15, Pan13, LS86]. **Descent** [ATV13, DIL15, LT92, War77]. **Described** [BP94, Dol79, Gri83, Kan82, VZ00]. **Describing** [Tim14]. **Description** [CdLdDM02, Dew76]. **Descriptions** [MCWY14]. **Descriptor** [BGM97, BKM97, CM00, FA89, KS90b, KM04, LM08, LMPR09, Mur87, MV91, NLW91, RV09, IM05b]. **Desensitizing** [Teb11]. **Design** [AMP10, AGN+16, AT92, AT94, APA08, AN06, AB05, BA08, BSB+97, BL14, BF91, Bar77, Bat07, BT97, BF07, BF89b, BGH94, CZ01, CHL15, CH12, CdSBT09, Enq04, GCB06, GPB91, Gho88, GB93, GS14, Grü09, GP02, HM03, HMA81, HG02, HL11, HS03, HJF10, Jam91, KP04, KX02, KX04, KV13, LG09, Las95, Lau99, LR10, LHX12, LW15b, LŻ11, Liu88, LR92, MRP99a, MRP99b, MPS99, MP07, NT95, NP96, NT16, PB99a, QN82, RRJ16, Sag13, Sch83, Szn95, TBP14, UMD88, VG95, Vrd16, XG89, dOG05, Gho86b]. **Design-Dependent** [AT94]. **Design-Independent** [AT92]. **Designing** [LMJ09, Lei01]. **Destabilized** [KGBS08]. **d'état** [Loi88]. **Detectability** [AM81, CdV02, CdVF05]. **Detecting** [ET12, FFP+09]. **Detection** [BP07a, BL15, FV98, MS07a, VC03, ZHSP14]. **Determinacy** [MSH91]. **Determination** [AD96, BW79, CFRV98, FT77, Kob76, Kob77, Kob79, Kob83, SO06b]. **Determining** [BP97, ZC91]. **Deterministic** [AGL08, Alm01, AB02b, Bar85b, Bar80c, BM99, BB93, Bla97, Cha87b, Cob12, CD03, CD08, CD10, CDP16, DC99, DS01, FGL08, FEBL13, GR06, GQ09, GV16, Gor15, GAHL09, HM08, Kre87, LRT96, Mah03, Nih83, Ols76b, RW90, Zhu92, CL06a, GR85a, GR85b]. **Development** [EPR14, Win78]. **Deviations** [BHHE03, DK85, DK86, DK89a, HYZ11, PZ04, DK89b]. **Devices** [LR10]. **Diagonal** [AP92]. **Diagonally** [Dun86, IK07a]. **Dielectric** [BDR02]. **Diet** [HBSW07]. **Diffeomorphic** [TY00]. **Difference** [BKK02, BO09, CE11, De 92, GLK12, KT05, LY90, MR78, Men89, Ros84a, Tol16, Yu13]. **Different** [ASR+13, WX13, WZ94, Zha15]. **Differentiability** [BFCLS97, DZ88, MP94, Pen84, Pen88, Sha88a, Stu15, War76b, War83, Ye00b]. **Differentiable** [Aey81, DG85, Ish88, Kre77a, PMW83]. **Differential** [Ach08, Ahm77, AMV07, Aub90a, Aub01, BD15, BHM99, BK82, BL83, BTY11, Bar80c, Bas77, BL89, BP05, BY13, BKR00, BHS05, BCS15, Ber86, BBV13, BH00, Bis12, BR13, BG05, BO09, BR93, BS04, BS09b, BS13b,

BCR04, BQT08, BL08a, BHL12, BLP14, CN11, CQ15, Car96, CP00, CQSP00, Car07, CS12a, CGS00, CO03b, CPY09, CMC81, CM81, CLS97, CH78, Col82a, Col82b, CF13, Cos13, Del07, DS09, Dmi92, DE84, DF98b, DS99b, DM15, DMS12, DRDG08, Ell76, ED81, Eng10, FGG10, FGG11, FR82b, Fit79, FK83, Flo97, For77, Fra87b, FT04, Gar76, GT77, Gev81, GD88, GR05, Gib83, GW76, GL97b, Goe02, GR88b, Gra05, GS11, GM11, GMY16, HG90, Ham06, HBSW07, HJM07, Hei16, HSW12, HSW15, HH08].
Differential
[HH10, Hop87, HP09b, Ich76, IRS02, IT86, IT87, JB96, JLR09, Kan82, KH90, Kim93a, KS00, KZ00b, Kra93, Kum08, Kus79, Kus02, Kus04, Kus07, LT86, LZM05, LY90, Lei85, LXY16, Li07, LW12, LM16, Lia15, LB00, LZ01, LW11a, LS85a, LS86, LNP00, Liu97c, Liu14a, LR94, Lü15, Luk85, Man04, Mao90, MNC14, MSR01, Mor95, MW04, MA03, MN77a, MN77b, NN90, Nag95, NS05, Ngo11, ØS10a, Ols02, PD97, PW99, Pen84, PA99, PQ00, Qia94, Qui92, RMZ02, Ram98, RT04, RW97b, RRS14, RS13, Rya98, Sal85, SC16, Ser09, Sha10, Sîr14b, Sor96, Sor98, SQS09, ST09b, SV79, SY14, Tal91, Tan98, ThH07, Uch78, Uch79, Und76, UY79, Var76, VC03, VZ00, WS92, WL95, WS95, Wan00, WW02, WT98, WZ77, Wil77b, Wol90, YT13].
Differential [YXJ11, Yon88a, Yon88b, Yon90, Yon02, Yon10, Yon13, You13, Yu15b, ZVBR14, Zha05, ZD14, Zho92, Zho93, vRM98, Col85, Iof83, Pen88].
Differential-Algebraic [Hei16].
Differential-Difference [BO09].
Differential-Geometric [VC03].
Differentials [BM84]. **Diffusion**
[Ahm07, AC13, AS88, BP10, Ban78a, Ban78b, BN81, BB89, BDR94, BA15, BGR07, BB09, BLS05a, Bis12, BDGR12, Bud03, Cer01a, CSB15, CHS87, CTZ03, CTT16, DG14, DL13a, ET12, Fra03, Gad08, GH14, GV05, GW09, HL92, Hau81b, Hau81a, Kus78a, Kus79, McN84, Mor11, NP82, NF13, OW00, Osh06, Pau08, Ric77, Roy89, Rub95, Sak83, SS99a, SSW15, SX14a, Sha15, Wee05, YCY13, Zha98, ZES12, ZY07, ZWYJ14, dOP03, Qua80]. **Diffusions**
[Alv01, AL08, AMR14, De 15, AB10a, AB12, ABK14, BDM07, BC05a, Bay09b, BX12, BEM13, Bis82, BB04, BG07, Bou08, CH99, CG13, DS87, DS89, DGW10, Ega08, Fle82, FP82, FV89, FT02, GS94, GH86, GAM93, GAM97, Hau82, Hau87, HO08, Ma92, Men80a, Men80b, Nag85, SLG84, SY09, YX10, ZY09, BG88, ML12]. **Diffusive**
[CGM98, CW08]. **Diffusive-Wave** [CW08].
Digital [CFZ10, DCI07, Kob88, ZCC07].
Digraphs [MNC16]. **Dilation** [Lou94].
Dimension [BF07, BHL10, Bre86, CM10a, CYL96, CYL97b, CRR12, HMR15, Lis14, LNT02, Sch88a, TY00, Wec82, WY06].
Dimensional
[AZ07, Ahm96, AS88, Aih92, De 15, AL02, BT11a, BC96a, BMS05, BW89, BI91, BD83, Bar95b, BL01, BM90, Bas91, BSDR97, Bea08, BM09, BLT15, BBGBO14, BE95, BH86, BF90b, BV13b, BT13, BL00a, BQT08, CT96, CHJ87, CZ04a, CYL96, CYL97a, CYL97b, CW08, CY94, Coh97a, Coh97b, Cor99, CT04, CBdN08, CB15, CP76, Cur84, CS86, Da 87, DMK90, DGH09, DRT11, DD03, DTWY91, DWZ$^+$16, DKS$^+$11, EK97, Eva13, Fab08, Fat94, Fat97, Fei76, FR78a, FG15, FCGIP06, FRZ93, FV95, FGGH15, Fuh76, FT02, FGH98, FGH05, GJP88, Gib80, Gib83, GR88a, Gla05, GH12, GCP88, GWY14, GT90, Grü09, GKLM92, GT14, GH96, GG13, HM03, HP10, HRW88, Han94, HPS07, Ho90b, IST16, IP06a, Imm07, IP87, Ito90, JZ99, JB96, Kam76]. **Dimensional**
[KY87a, KLR09, KB01, Kim91, Kno76, Kno77, KS98a, KRT11, Kru00a, Kru00b, LP15, LY90, LS05b, Lev87, LZ92, LI94b, LRT98, LR00b, LM02, LRT05, Log13, MZ15, MCS13, MS98, MN08, Nag85, NZ99, Nar84, Nih83, OMS90, OW93, OW96, OW00, OC04,

Opm07, OS10b, Pan92, PZ04, PBPB15, PGB14, PS87, Ray06, Sal85, SS99a, SS89, Sta93, Tak97, Tan00, TZK11, Tud90, UU00, Van94, WC89, Wan02, WR00, WM10, WORO00, XB99, XS96, Yam88, Yam89, Yan95, Yin99, Yon93, Zwa88a, dOP03, CCM14, Ega08, FR82a, MRR16, Nto12, UUH99]. **Dimensionality** [McE07, MK10, Qu14, TWY90, McE09]. **Dimensions** [AB06, AGN+16, Bar91, CD91, CC04, Câr93, Cur86, FRS16, GW76, Gro12, GT05, KS00, KS89b, KOS04, MS97b, RS15b, WS95, WB87]. **Diophantine** [WA84]. **Dirac** [LZM05, NMI15]. **Direct** [DA02, Ega08, HK78, LF87, MP76b, O'M76, Sch83, VC03]. **Directed** [YLYC15, ZZ13]. **Directional** [BC96b, BC96c, DBC12, HSW12, HSW15, HU82, HU84, HN96, KPV14, LS85a, War89, LS86]. **Directions** [LM97b, Mey83, Pav80, PV98, YL10]. **Dirichlet** [Ama04, AMPR15, ABSP08, Buc92, BN16, CT96, CR06, CGM11, Cel02a, CRV09, DGH09, FG09, FT02, GY11, Gug15, GI02, GZ05, GZ09, HK13, HR98, Idc98, KV07a, LT83a, LT83b, Las84, LT86, LT89, LR16, MRV13, Now08, Ped91, PS04, Rus86a, Yan14, Zha09]. **Discontinuous** [AX05, BGR07, Bla97, BL11, CZ99, Dav07, FMSV16, Gut90, Jam14, KW85, Lam87, Man04, Mar02, Nag85, PS10a, PQ00, Sta78, Ulb02, VP88, Ye00a]. **Discount** [CQ15, LYZ15, SCFV97]. **Discounted** [CS87, CS89, CD12, CDP16, DR08, DPR13, GHZ15, HSZ15, HLL96, HLR01, Kum08, Kus89, MSVA09, PZ11, Wee03]. **Discounted-Cost** [HLL96, HLR01]. **Discounting** [GQ09]. **Discovering** [SX14b]. **Discrete** [AD15, AS93, AD98, ABB12, AMV07, AM81, ABKM96, ABFG+93, BKP90, BS86, BLJ15, BE13, BBT14, BR82, BMO15, BHL10, CGR96, CLYL13, Chr83, CL06b, CdVF05, DHX08, DS93, DGSW14, DGKL10, DR87, DS99a, DS07, DKR08, DFP14, Don96, Dür98, EDM05, FCG16, Fis11, FKN96, FV11, Fuh76, GW16, GPS95, GBGdO00, GdOB02, GGF09, GB93, GR88a, GTHLHR02, GRC81, GRC82, GZSAB13, Gri93, GN03, GAHL09, HH76, HSP16, Ich07, Igl96, IO96, Jac04, JS90, JK06, KC15, KKP85, KF03, KT05, Kim78, Kob77, Kob83, Kob84, KL02, Kub85, KS81, KGM93, KG95, LD06, LK08, LM13b, LL13, LZ16b, Lin14, LM97b, LH14, LM02, LDZ10, Ma09, MS92, MBL00, MPZ03, MS07a, Mey89, MM11, Mor95, NLPT09, NT16, OW93, OBL11, OC04, OS10b]. **Discrete** [OS12b, OL77, ÖW92, PP13, Pha00, PD92, RG14, RW87a, RW87b, RW78, RW90, RL06, Ros84b, Rus88, SL16, SO13, SS09c, Sch15b, SL98, SK86, SH12, Shi02, SB78, Sor98, Sto92, Sza95, TA81, TZ07, THA02, TW94b, TL09, Tie14, TS95, TO15, Ver97, Viv03, VP15, Wim92, Wim06, Wir98, Wyn09, YM92, YLL+15, YG95, dWvS00, JS91]. **Discrete-Event** [RL06, TW94b, TL09]. **Discrete-Time** [AD15, AS93, AD98, ABB12, AMV07, AM81, ABKM96, ABFG+93, BKP90, BS86, BLJ15, BBT14, CLYL13, CdVF05, DHX08, DS93, DR87, DS99a, EDM05, FCG16, Fis11, FKN96, FV11, GW16, GPS95, GBGdO00, GdOB02, GGF09, GB93, GR88a, GTHLHR02, GZSAB13, Gri93, GN03, HSP16, Ich07, Igl96, IO96, Jac04, JS90, KC15, KKP85, KT05, Kim78, Kob77, Kob83, Kob84, KS81, LD06, LK08, LL13, LM97b, LH14, LM02, LDZ10, Ma09, MS92, MPZ03, MM11, NLPT09, NT16, OW93, OC04, RG14, SL16, SH12, SB78, TA81, TZ07, Tie14, TS95, TO15, VP15, Wim92, Wir98, YLL+15, LZ16b, Wim06, JS91]. **Discretionary** [KW00, Mor10, Zer03]. **Discretization** [AOS16, LW15d, MV08a, MV08b, NPR15, PV13, PH92, RV05, Red79, Vel97, Wac12, vDHV15]. **Discretizations** [MRV11, VW95]. **Discretized** [Che04, DHV00, DPDS98, Zhu96].

Disjunctive [Jer80]. **Disk** [LB89]. **Disorder** [BP07a]. **Dispersion** [RZ93]. **Dispersive** [Lis14]. **Displacements** [PBPB15]. **Dissipation** [Sun96]. **Dissipative** [Alv00, BS09a, BS13b, CBdN08, CB15, DGSW14, FO16, HM03, IK94, Jay10, MLYF02, PW02, Reb95, Sun82]. **Dissipativity** [BBTN03, PB09, Pan98, TFT11]. **Distance** [BG98, DV04, Del04, GL92, GLD+91, GY12, HBS06, JL93, LHS06, Pen13, RCA12, Sas14, TG13, TCC15b]. **Distinguishable** [AG95]. **Distributed** [AT89, AB09, BMS82, BGRW88, BRR90, Bar81, Bar83, BL89, BL15, BA15, BE87, BDRR98, BP98b, BGH94, CD89, CSBC14, CMR07, CSC14, CMP15, Cha14, CB05, CP77, Cur84, DG14, DXG15, Dav78, Dav79, DH09, Di 91, DJZ96, DMPD94, FFR14, Fla84, FA13, FRS16, Fuj80a, GZ12, GK85, Gue03, GM99, HP10, Hel76, HW12, Ho90b, HY97a, HY97b, KMP13, Kar06, Kha01, KN77, Kno79, Kob76, Kob77, Kob78, Kob79, Kob83, Kob84, Kob88, Kom97, KS85b, KY87b, Lag83b, Lam92, LD05, LG09, LY91c, LLMT02, Liu97a, LL98, LLX11, LW15c, MM04, MYP14, MNC16, MMN09, MS90, NOV03, OT09, ÖT90, Pan92, PP10, Ped91, PS99, PW02, Pop95, Reb88, Reb89, RT98, RCS01, RC16, RS15b, RW92, Sch83, SC12, SB94, Sok87, Sta15]. **Distributed** [Tib85, VS80, WCJP04, Won09, YZ97, Yu95, YLYC15, ZZ13, ZM13, ZM14, Cou83, You87]. **Distribution** [AX05, BG98, CTZ03, CS87, Dor86, EGN85, Gen13, Man95, Maz94, Ste92, Sun81]. **Distributional** [CW03, WC96a]. **Distributions** [Her86, Hir81, OT94, Ram94, Sny77, VP15, Kre85]. **Disturbance** [BKP90, CM00, CP95, DM89, DC10, EÖ88, EÖSÖ98, FLJ13, FA89, GG13, GZ13, GZ14b, Hir81, HNv92, Hui92, KLR09, LD06, QLD01, SBBV15, Tre86, WC81]. **Disturbances** [BGP09, BFPB13, FC05, Goo76, Gra07, KR87b, NK94, QV04, Rus86b]. **Divergence** [CA10, MG13]. **Dividend** [AM15, BP10, CTZ03, Pau08]. **Divisible** [Lid15]. **DNSS** [ZCGT10]. **Do** [BGMR94, vH10]. **Doeblin** [Kur89]. **Does** [SA96]. **Domain** [ACS00a, BD01a, BC81, BFCLS97, BM00b, Bla76, BL00a, Cer07, CRZ13, Che79, Che81a, Cob06, CP82, Cor99, DDK10, DGQ13, Fuj86, Gon94, HdHVW03, KX02, KX04, LP15, LL00a, Leu99, MRP99b, NPS15, PS06, Reb95, Rei86, RZ06, Rot96, RZ93, Sla00, Sla03, SCK10, Sun96, WWY06, ZC91, Zwa88a]. **Domains** [AMPR15, BF91, BBGBO14, BP13a, CS10a, CGM11, CSC14, CDZ94, DH84, Day09, DGH09, II97, ISW00, Mar99, NT95, RV90, Wol12]. **Dominance** [DR08, HJ13]. **Dominance-Constrained** [HJ13]. **Dominant** [IK07a]. **Dominated** [Nai87]. **d'optimalité** [HU78a]. **Double** [BK80, CFSGS15, Cos13, HW12, TYW11]. **Double-Indexed** [TYW11]. **Double-Obstacle** [Cos13, HW12]. **Doubly** [HPW10, OS12b, OS14, Qua03a, RRS14, Ste08]. **Douglas** [MZ09, Sva11]. **Drag** [BFCLS97, GHS92, PS10b]. **Drift** [CYL96, CYL97a, CYL97b, CY94, ET12, FO16, Liu14a, MR15, McN84, Shr81, TZ07]. **Drift-Diffusion** [McN84]. **Driftless** [MPS99]. **Driven** [AC02, AC13, ATW93, Bis12, CH13, HYZ11, Heu94, HZ05a, HP09b, KR88, Kus89, MR96, Ris94, SK95, TZ07]. **Driver** [CSA+13]. **Drop** [FZ09]. **Droplet** [LW15a]. **Dropout** [YYH+16]. **Dropping** [GP79]. **Dual** [BLW07, BTBT88, BIK99, DM15, GV05, HI84, HP87, Han77, IK04, IK07a, KB76, New06, New07, PA93, Set93, Tse90, Wri95, ZBA13]. **Duality** [AC79, BS80, Bal77, Bis78b, BM03, BL91, BO09, BKM14, BL00b, CN05, DGKL10, Die87, Eke77, FGL08, FV89, FHM84, GR02, Goe13, HM76, HLT08, Iof79b, KLSX91, KA06, LL00b, Mat98, PP14b, PW78, Pul96, Roc89, RW00a, ST99, Vin93, WZY09, WK77, Zhu92]. **Duality-Stability** [Bal77].

Dubins [SC06]. **Dubovitskii** [IK08]. **Duration** [Ber85, HG90, Yon90, Ber88]. **Durations** [Aub13]. **Dynamic** [AJ12, Alm01, Ari98, Bal78, Ban05, Bar91, Baş84, BY13, BJ04, BR82, Ber92b, BH86, Ber89b, Ber77, Ber98c, Bor89, Bor00a, Bor07, BT11b, BN13, Cal09, CF05, CLM91, CS05, CV87, CFSGS15, CS15, DR08, DI86, DQS16, EQ95, Emr80b, EK09, FT14, FG15, FFP+09, GMCL10, GGF09, Gho88, GAHL09, GYBL15, HS95b, HSD97, Hen83, HNv92, Hui92, Ich79, IS12, Ito98, KK92, KN14b, KS81, LL00a, Leu99, LZL02, Log13, Ma09, MP14, MP76a, Mik07, MR96, NS12, ÖW92, Pha00, Pom09, Pop97, QN82, RRW96, Ros94, RV93, Sch15a, SD98, SP02, Shi02, SPBF10, ST02, ST09a, Sto91b, TST07, Tan15, TZZ88, Tsi95, TCC15b, VP87, VL78b, Wag91, WF76, WY08, Ye95, Ye97, Zit14, TA96, TPA97]. **Dynamical** [AS11, BT11a, Bag81, BCL83, BSDR97, Ben96, Ber82a, BT03a, BC16, BF76b, BCF12, Cér00, CB05, Cro81, CI86, FW93, GD88, GR88b, GP82, KGM93, KG95, Li07, LH11, ML13, Mai03, MY93, NC13, NJD09, PR07, Rao98, SW11, TC14, TK81, TO15, Wil77a, ZBA13, ZJ89, dFS15]. **Dynamically** [BJ02, CMA08a, CMA08b]. **Dynamics** [Art78, AG97b, AL02, BP14b, BHT10, BJO09, BLZ94, CM96a, CdLdDM02, DPV00, EP93, FMSV16, GK02, HY97a, HY97b, HCM05, HLZ15, IK94, JR06b, KR85, LM15, LZ06, MYAS09, MB12, NK94, QS13, RW00a, SJ13, Ter94, Vig97, Wir98, ZTC16]. **Dynkin** [Boe05, FT02, Grü13, HZ10a, HM14, TV02, YT13, Yan14].

Early [ASR+13]. **Eckstein** [Bau09]. **Economic** [BØ94, Res76]. **Economics** [FP04]. **Effect** [DLP86, DPV00, Fra03, MP11a, WCCL04, Zha08]. **Effective** [GO04, TL09]. **Effectiveness** [GGH16, HRW88]. **Effects** [DKS+11, DK86, MÖ14, Tim14]. **Efficiencies** [Zhu94]. **Efficiency** [FBJ09, HS09, Kiw96a, Kiw96b, Pap86a, Pel00, TLC99, Zaf03]. **Efficient** [Bag81, BBBM08, Bor77, BDDSV05, CK02, CHJ15, CM07, DG90, GL97c, KMP13, KR04, LW87, LY91a, Mey83, NM10, Tam80]. **Efficiently** [GL76]. **Effort** [AK99b, IK11b]. **Eigenfrequencies** [LYLZ99, WC91]. **Eigenmodes** [ZC91]. **Eigenstructure** [CM91, NS14]. **Eigenvalue** [CD15, CFNG10a, CFNG10b, CW81, Cob10, Jar93]. **Eigenvalues** [Ant14, Lou15, Pie79, QS13, dG06]. **Eigenvector** [McE04]. **Eikonal** [CM06]. **Ekeland** [GJN08, Qiu13, Ste08]. **Elastic** [DDK10, FSH16, Hua88, MY93, Mor98, NFI15, Rao98, Toa11]. **Elastica** [Ito98]. **Elasticity** [CG10, GGM01, GZ09, Oss01, Rao95, Sle78, Zua96, Zua98]. **Elastodynamic** [AK99a, Lag83a]. **Elastodynamics** [GY98]. **Electric** [CFRV98]. **Electrical** [ADK08]. **Electricity** [AX02, AX05]. **Electrodes** [CFRV98]. **Electronic** [LR10]. **electrostatic** [KMM07]. **Element** [AGL08, AM89, BKR00, BGR04, DGH09, GY11, GHZ14, Kno82, Las95, LLMT02, LW15d, MRV13, McC09, MV07a, MV08a, MV08b, MRV11, NPR15, RV05, Tib11, XZ15]. **Elementary** [EP93, Sîr14b]. **Elements** [Bra09, CM81, Dol76b, HR83a, Jah85, VW08, ZKW99, HR83b]. **Elimination** [BP04, BP06, Cob06]. **Ellipsoid** [EK85, Kiw89]. **Ellipsoidal** [KV06]. **Elliptic** [Aca93, AO15, ABV13, Ber92a, BK97b, Ber98b, BC95b, BS11, BK13, BHL10, CGM98, Cas86, Cas93, CF95, CTU00, CM02, CR06, CT09, CCK12, CK14, CT14, CZ99, Che99, CCT05, DK05, DGH09, DMS03, DJZ96, DGQ13, EHS07, Fuj86, GY11, GWY14, HK13, HL11, IK90, KN14a, KMR10, KW87b, KLL10, KS13, LLMT02, Lou03, LY09, MRV13, MY09, Mic80, MS85, NPR15, PV13, Rai99, RV05, RT06, SW78, Sto91a, Sto97, VW08, WWY06, Wol12,

YZ97, Tah92, You13]. **elliptiques** [Tah92]. **Embeddable** [HT92]. **Embedding** [BD01a, GTT16, NT95, Sla03, TFL14]. **Embeddings** [JPP14]. **Employee** [LS09]. **Empty** [SZ10]. **Encoder** [RRJ16]. **End** [Dun98, Fra87b, KWY08, Mik15, Col82a]. **End-Constrained** [Dun98]. **End-Time** [KWY08]. **Endowment** [BC12, TZ10]. **Endpoint** [Eno94b, Tre89, Zhu00]. **Ends** [GH04]. **Energy** [ACS00a, AB03, Bar80c, BD11b, Cha10, Cha11, DPZ91, DvdS98, DDK10, Gha11, GL99, Gug07, HW12, Ich07, Jay10, Kim91, Liu88, LL98, LR06, MS03, NCL13, NFI15, PPZ13, PZ03, RY95, Sha92, VM00, ZM13]. **Energy-Aware** [ZM13]. **Energy-Conserving** [DvdS98]. **Energy-Minimizing** [Sha92]. **Enhancement** [Liu08]. **Enlarged** [ZSM10]. **Enter** [Pet88]. **Entropy** [BL91, CL87a, CK09, Col12, Da 14, HLT08, Igl96, Kaw11, New06, New07, Per12, VP15, XUP08]. **Entropy-Based** [HLT08]. **Entropy-Like** [BL91]. **Entry** [Zer03]. **Enumerative** [HV00]. **Envelope** [Bar77, RW00b]. **Environment** [CMA08a, CMA08b]. **Environments** [SSZ11]. **Enzymes** [Ste92]. **epi** [CC99]. **epi-Lipschitzian** [CC99]. **Epsilon** [MS96]. **Epsilon-Maximum** [MS96]. **Equal** [WGK11]. **Equality** [BT03b, BT10, CL87a, KZ00a, Pre96, Tre99]. **Equation** [ACS00a, AN15a, AN15b, Ahm77, Ahm07, ACL09, AMP10, All88, AW90, ASTT09, Amm02, AK16, BHM99, Bar82, BD83, Bar91, BP97, BD11a, BC81, BE13, Bea08, BLT15, BGR07, BR82, BGR90, BPS05, BH00, BGMS78, BGBPG04, BCM12b, BJ10, BG05, Bou95, Bou13, Brü13, BK83b, Buc92, BHL12, Buc75, Buc77, BR15b, CC04, CM06, CRT15, CKL16, CC01, CZ04a, CCM14, CO03a, CSC14, Caz14, CP98, Cel02b, Cer07, CRZ13, Che79, Che81a, Che81b, CW08, Che76, CS77, CLT06, CDZ94, CV83, CF06, CS15, CD03, CP76, Da 85, Dág06, De 92, DGJ93, DM09, Del04, Del07, Emr80b, ES81b, Fab08, FG09, Fab92, Far08, Far13, Fla84, Fla87, Fla90, FM00, FBP99, Fre99, FL80, FL82, FI98, GL90, Gla05, GG07, GLR86, Goz91, Gri83]. **Equation** [GKLW14, GT05, GM09, GLS05, Gug10, Gug15, GZ05, GG13, Had06, HH76, HS12a, HS12b, Hau94, Hei16, Hel76, HK88, Ho90b, HP09b, IY12, Ito96, IR00, IK07b, JL14, KS87a, KS90a, Kha94, Kha95, Kha01, Kha03, KS99a, Kim92, Kim93a, Kim93b, KY07, Kom91, KKV11, KGS11, KW13, KTV16, LT89, LMMR15, LY90, Lev85, LYLZ99, Liu03, Lou15, Mac94, Mal02, MT03, MRR13, Mar99, MRV03, Mic01, MZ06, Mic09, Mil02, MS97a, MSv86, MO99, NPR15, NP06, OCI00, OZ00, OZ03, PY95, Pav80, PZ14, POU11, PS04, RMZ02, RS15a, RS15b, Ros84a, Ros00c, RZ06, RZ09, RZ93, Sak02, SAM03, Sch80a, Sch80b, Sch86, Sei77, SZ82, SP02, Sha83a, Sha83b, Sha85, Sha86, SMDB97, SCK10, ST09a, Sor98, Sun96, SCFV97, TST07, Tes92, Tib85, TR01, Und76, VZ09]. **Equation** [VM00, VA03, VK81, WC89, WWY06, Wan08, WGK11, WZ12b, Wec84, WCG14, Wim92, Wim94, Wim06, WY08, Xie12, XG03, Ye00a, Yu15b, ZA10, Zei94, Zha99, Zha00, Zha01b, ZY08, ZC91, Zua90, de 98, vN04, EJ89, You87]. **Equations** [Aca93, Ahm81, Ahm83, AS88, ACS00b, AQ05, ABSP08, Aub11, AK02b, Bad09, BD15, BP94, Bal91, BK82, BL83, BTY11, BRS11, Bar12, BS16, BS13a, BKR00, BK83a, BD11b, BH86, Bis77a, BCG86, BR13, BRT15, BCM12a, BC95b, Bor89, BK95, Bor00a, BB04, BK14, BS13b, BvdMR05, BM07, BQT08, BL08a, BHL12, BN16, BSZ08, CGM98, CD89, CD91, CT96, CLAL13, CP00, CR11a, Cas93, CF95, Cas97, CTU00, CR06, CMR07, CT09, CK14, CC16, CDR08, Cau13, Cer01b, CPY09, Cha09, CMC81, CM81, CDG15, CB11, CE11, CF13, CK89, CPW88, Cor99, CT04, Cur76, CI77, Cur03,

CS11, Cur11, Cur13, DDK12, DL06, DI93, DLP86, Dav78, Day09, DI94, DRT11, DC06, Dmi92, DO14, Dok05, DE84, DM15, DMS12, DM13b, Du15, DMPD12, Fag08, FGG10]. **Equations** [FGG11, FGB95, FCLZ16, FM08, Fra93, FP11b, FNV10, Fri84, FYZ07, FT04, FMT10, GL92, Gah94, GCL15, Gar03, Gar76, Gev81, GGH16, Gib79, Gib83, GMM91, GW76, GRS00, Gra05, GT14, Gue07, Gue14, GI04, GM11, GK98, GK11, Guo02, GMY16, Gut90, HM03, HMV05, HPS07, HT12, HSW12, HSW15, Hew93, HP09a, HH08, HH10, HMMS13, Hop87, HR98, HY95, HZ03, HMR15, Ich11, Ich79, Ich82, IRS02, IT86, IP87, IT87, IM98, JB96, JQ97, Jun00, Kap94, KH90, KB01, KC10, Kim90, KS98a, KZ00b, KT03c, Kra93, KR15, KS90b, Kun82, KW85, KV07a, Kus79, Lag77, Lag78, Lag88, Lag89, LL00a, Lam92, Lar01, LT83a, LT83b, LT86, LS91b, LL07, LI00, Lef11, LW07, LXY16, LHX12, LW14, LR16, LM16, Lia15, LB00, LZ01]. **Equations** [LW11a, LM82a, LM82b, LS85a, Lis14, Liu97c, LG07, Liu11, LZ12, Lor87, Lou03, LY09, LW11b, Lü13, Lü14, Lü15, Luk85, Lun91, Mah03, Mao90, MRR16, Mas08, MNC14, McE95, MY09, MSR01, MERD02, MVZ+09, MR04b, MA03, MN77a, MN77b, Nag96, NN90, Nag95, NS05, NNSM08, Ngo11, NR15, Nic00, Now08, ØS10a, ORW13, Pap89, PD97, Pen92, PW99, PA99, Phu01, PS06, PY96, PT95, QC95, QZ13, Rai99, Ram05, RR92, RZ98, Ray06, Rei83, RX15, Roc96, RT07, Rub95, Rus86a, Sak84, Sal85, SW78, Sei78, SC16, Sha10, Sha94, Shi02, Sor93, Ste08, Tan98, Tan03, TZ09, TL06, Teb11, Tod83, Ton03, Trö99, UY79, VZ00, Vin77, VW95, Wac07, WS92, WL95, WS95, Wan00, Wan02, WW02, WZ12c, WX13, WD14, WXZ15, Was79, WWZ14, WS13b, Wol12]. **Equations** [WA84, WJZ12, XA93, XG03, YMH94, YT13, YZ16, Yao99, Yon93, Yon10, Yon13, You13, Yu14, ZVBR14, Zha15, ZD14, Zho83, Zho92, Zho93, ZL07, dlRT07, LS86, Sei82, Tah92, Tah92]. **Equilibria** [BL89, BB03, CC02, CJS08, Cza04b, GNLB14, KDB15, NA02]. **Equilibrium** [Bas77, BK13, BCR04, HT10, Kin84, LK11, Lóp12, Lóp13, Out00, Ped98, Res76, SS99b, Top79, Uch78, Uch79]. **Equilibriums** [YXJ11]. **Equity** [MS11]. **Equivalence** [AD08, ABH98, Bon91, CD80, FG15, GdZ90, GLT95, HPW83, HO90a, Hua10, KV13, MRv94, PK95, Pom09, Uch81, VL78a, WZ12c, WX13, WZ94, Zha15, Zwa88a, vRM98]. **Equivalent** [GW96a, JZ99, Ols76b, Roc96, YF97, ZzJh10, van95]. **Equivariants** [RR13]. **Ergodic** [ABK14, BP14a, BCL04, BG88, Bor94, BB04, Bor07, BG07, Bud03, BGL11, BLS12, CDR08, Cir14, CH13, DPDS98, DMPD98, FHT09, GAM97, GR05, GM09, GC05, Ich11, JN06, Kru00b, Kum13, KY92, Kus04, LP86, Mey89, MO99, PRHL08, RS93, Wee07]. **Ergodicity** [BBK00, CD08, Xie12]. **Errata** [Ban78a, BP06, Cur85a]. **Erratum** [AW90, Ber88, Bor00b, Bor10, Buc77, FR82a, GK95, GŠZ10, Hau81a, HSW15, HR83b, JS91, Jou00a, KH79b, KX04, KS99b, LP81, Lob76, Lóp13, LY02, Pen88, Shi90, Zab80, ZZ94, Zua98, Lob76]. **Error** [ARS09a, Bar80a, Bar77, CR06, CMR07, Den98, Ger06, GCP88, GHZ14, Jou00a, Jou00b, KRS14, KR85, KMR10, Li95, LW15d, MRV13, McE04, MV08a, MV08b, MV11, MRV11, PV13, RY95, RV05, XG89, YF97]. **Errors** [MD13, SD98]. **Errors-in-Variables** [SD98]. **Escape** [DK89a, DM97, Mil02]. **Escaping** [ABB15]. **Essential** [KMM11]. **Essentially** [LT92]. **Estimatability** [WR00]. **Estimate** [Aih92, AB09, Dmi92, Don96, Lü13]. **Estimates** [ARS09a, Bag81, Bar80a, BA15, BBGBO14, BBV10, BBV11, BHL10, CMV08, CR06, CMR07, Cel07, CG87a, CG87b, Dun81, DK86, GCL15, Hu15, JV06, LW15d, MV08a, MV08b, MRV11, Men89,

MR05, RV05, Sor98, VM00, WD14, WDS79]. **Estimation** [ASR+13, ABB12, BBC81, BL83, BM86, BN81, BS86, BSDR97, BFP09, BTBT88, Ber95, BP08a, BH99, BM03, CYL96, CYL97b, CZ10, CY94, Cur76, DH09, DTWY91, EK97, EDM05, FFR14, FB98, GZ12, GL95, IS12, IK90, JZ09b, KG80, KMP13, KM86, KH69, KW85, KW87a, KP94b, KW78, Lam87, Lam92, LM13b, MN03, Mur92, NR97, Pic93, PP00, PO00, QN82, RMB12, RY95, RKL16, Rus86b, Rus88, SW11, TWY90, Tan00, VW95, WS13a, Wei77, WY06, XUP08, ZVBR14]. **Estimator** [AB93, IS14, NC16]. **Estimators** [Ger92, Ger06, PP00]. **Euclidean** [BM94, KN13]. **Euler** [ASTT09, AT00a, BCM12b, Bou13, CP98, Cel02b, Cor99, DM09, DF98b, DKRV13, Gla05, Guo02, GH04, Kim92, LT89, LL98, Mor95, Roc96, VZ97a, WC91]. **Eulerian** [CFT12]. **European** [DPZ93]. **Evaluation** [SYZ13]. **Evasion** [AL98, BB88, BB90, BB94, Ber86, Ka'77, Sor93, Sor98, Wen15, Yon88a, Zar84]. **Even** [Sch86, WGK11]. **Event** [DGKL10, JK06, KGM93, KG95, Lin14, LH14, MBL00, ÖW92, RW87a, RW87b, RC16, RL06, Sch15b, SL98, TW94b, TL09, YYH+16, YG95]. **Event-Triggered** [RC16, YYH+16]. **Events** [CMA08b, SK95]. **Eventually** [BM11]. **Evolution** [Ahm81, Ahm83, ACS00b, BP94, BKP14, BW89, Bul01, CLMSR00, Col11, Cur76, CP76, CI77, Del04, Don10, DM13b, FNV10, GGH16, GK11, Had06, HM03, HMV05, HP94, Ich79, Ich82, KV07a, LL15, LLM15, Mah03, Pap89, Rin09, Sak84, Sei78, Tar85, VS80, Vin77, VK81, VW95, XA93, XG03, Yon93]. **Evolutionary** [Ara14, CC16, FGH05]. **Evolutions** [Aub13, Car12]. **Exact** [BLT15, Bon89, Bur91a, Bur91b, Car15, Cer07, CMC81, CMT11, CGW10, CRV09, DAR15, DL09, DG85, DG89, DR79, DTWY91, ET15, EK97, Fab92, FYZ07, FI98, GL11, Gue14, HZ95, HPS07, Hei88, Ho90b, Hu15, Kap94, KMM07, Kha94, Kha95, KMM11, Kim92, KC10, KY07, KY05, Lag78, Lag89, LL00a, LT89, Laz88, LR03, LBMH+16, LV97, Lü14, Mac94, Man85, Nic96, Nic97, Nic00, ÖH14, Per12, RS07a, Ris86, Riv90, Ros00c, RZ09, RW94, Sch92c, SS99b, Sei78, SMDB97, TL06, Tri77, Tri80, Tuc96, TW00, Wec00, WCG14, Yao99, Zer05, Zha99, Zha01b, ZL07]. **Example** [DLP86, DH98a, EP93, HM88]. **Examples** [LS85b]. **Excitation** [BC00, DV04, KNW95, LC01, RY95]. **Excitations** [CW09, UMD88]. **Excitatory** [KB16]. **Excitatory/Inhibitory** [KB16]. **Excited** [CS10b, Cur76, MCS13]. **Exercise** [ASR+13]. **Exhaustive** [SO06b]. **Exhibiting** [BF76a]. **Existence** [Ahm03, AP06, Ang76, Bal94, Bal01, Bat95, Bel00, Ben81, Ber85, BM13, BG05, Bud03, CG00a, CHJ87, Car90, CM10a, CP02, CZ95b, CO03b, CM96b, CM05, DS93, ENJP88, Ell76, Fat94, Fat97, FT77, FBJM14, FT04, GS94, GB84b, GGP02, Goo76, Gu90, GM13, GK98, GYBL15, Hau82, HL90, HT12, HTY01, Hew93, Hut09, Iof76, IPM10, Jak80, KA06, KS81, Kur89, KS98b, KS99b, LNT02, Lou07, LW11b, Mar02, MM80b, MS10, Mur86, NvS09, Nov04, Now89, PT09a, QZ13, Qua80, QR11, Reb78, RZ14, Rif00, RT06, SZ82, Tsi91, Tsi92, Uch78, Uch79, Vin83b, Wac12, WD79, Zar84, ZL01, Zho92, ZH02, vTY99, Ber88, BG88, HS12a, HS95a]. **Exit** [Ama04, BP88b, BA15, Bla97, BN16, Car97a, Car97b, HL81, HZ10b, Mal02, She85, Ye00a, Zer03]. **Exit-Time** [Car97a, Car97b]. **Exosystem** [LP15]. **Exosystems** [HP10]. **Exothermic** [ITT04]. **Expanded** [PAH88]. **Expansion** [BS11, CSB88, Dür98, GI02, MZ07, SCFV97]. **Expansions** [Bul01, CHN94, KM16]. **Expectations** [CE11, DQS16]. **Expected** [Cvi00, HOPS87, HK94, Kre78, Lei06]. **Expenditure** [KM12a]. **Experimental** [BSB+97, CH12, Sag13]. **Explicit**

[CE98, Dup03, Heu15, KHP06, OC12, Sla00, VP07, Zha00]. **Exploiting** [LM13b]. **Explosive** [AQ05]. **Exponential** [BRS11, Bv85, Che16, CK03, CS87, Cob10, Col12, CG92, CVKB13, CA10, CW06, DGSW14, Gra05, Grü98, Gug15, Guo02, GMY16, Hag05, HL16, HCM05, Kim91, KLV09, KR15, LS09, LZ94, LL98, LLR01, Mao90, OT94, Ouz10, PRS08, Reb95, RT98, Urq05, WXY05, Wol90, YW07, Zer05, Zuy16]. **Exponential-of-Integral** [Bv85]. **Exponentially** [BMO15, GHX86, IP06b, JZ09a, MNC16, MNB12]. **Exponentiated** [PB96]. **Exponents** [AZ97, DHX10]. **Extended** [AM82, AGJ$^+$13, BM06, BR87b, EOF07, Gal00, GV16, KK92, LAN04, SWP91, VZ97a, Zei84, Zhu96]. **Extending** [MTS15, Pan13]. **Extension** [AD02, Bal77, BM90, BC95b, BGL98, CLdRdP11, KRW04, PMW83, PMH92, RKL16, dG06]. **Extensions** [Fer81, JLZ98, Kiw96b, LC80, Tri76]. **Exterior** [CN11, DDK10, WWY06]. **External** [And82, CLMSR00, Yam89]. **Extraction** [WCJP04]. **Extragradient** [Mai08]. **Extragradient-Viscosity** [Mai08]. **Extremal** [BL01, BK95, BR88, DK78]. **Extremality** [Bal94, Urs82]. **Extremals** [Bon85, BP02, Dun79, KS99a, Kog87, Kre77b, PS13, WZ94]. **Extreme** [AP92, Per81]. **Extremum** [BT03b, BT10, PKL13].

Facial [Jer80]. **Factor** [DL13a, HSD97, Nag03]. **Factorization** [AMZ04, BP08b, CH05, CF06, DH84, GK87b, GGLD90, Gre92, HH81, Hel76, JP01, JS81, Mik07, Mik12b, MS90, MPC91, Nur06, OS12b, WCJP04, BR87a]. **Factorizations** [BGKV80, OS14, Pet04, PK87, Qua03a, Sta98a]. **Factors** [Emr80a, Fer97b, LMP95, Pet04]. **Fail** [ŁS85b]. **Faithful** [Ram05]. **Families** [BLPdD15, HL04, Hop87, JR06a, Jun00, KS99a, Lis14, PD97, RG14, Zit14, Bac79]. **familles** [Bac79]. **Family** [PL15, PK95]. **Fan** [GDL11]. **Fan-Shaped** [GDL11]. **Farkas** [Las97]. **Fast** [AG97b, AL02, BET07, BP13b, BLZ94, CZA04a, Gra08, Hac79, Lis14, Mil06, PA99, PRS08, Vig97, Obe07]. **Fast-Oscillating** [BP13b]. **Fastly** [GJZ10]. **Fatigue** [GS14]. **Fattening** [Liu11]. **Fault** [BL15]. **Favorable** [Kul93, Lei06]. **FBSDEs** [LW14]. **Feasibility** [RW76, ZL01]. **Feasible** [HK06, Li94a, MSH91, MW78, Mey83, PT87, Per81, PV98, Rai99]. **Feature** [Gad08]. **Fee** [JS12]. **Feed** [VS80]. **Feed-Back** [VS80]. **Feedback** [AZ07, Alt09, AT00a, AB02c, APA08, Ari98, Bad09, BT11a, BH96, BW89, BI91, BSB$^+$97, Bar83, Bar95a, Bar12, Bat95, BR87b, Ber89a, Ber02, BM03, Bla76, Bon91, BK14, Bro10, BG14, BA84, BGH94, CG00b, CJK13, CGLM02, CGY03, CM91, CLM91, CCF07, CK78, CM00, CW81, CLS97, CLRS00, CS03, CE06, Cob06, Con90, Cor95, Cur85b, DLP86, Dat88, De 83, DRT11, DI86, DBS05, DC88, Dol79, Dre77, DS01, EF09, EÖ88, Emr80b, EG02, FZ05, FG15, Flo97, Flo99, FGS93, FIM09, FNV10, Fuj80a, GMCL10, GVL12, GGF09, Gho88, Gib80, Gla05, GR88b, GdZ90, Grü00, Gu90, GCSB99, GDL11, Gug15, GH04, GG13, Ha88, HH81, HRW88, HH78, HRW06, Her80, Her91, Hey76, HS13, HP96, HMQD99, Ich11, IP06a, IPM10, IK94, Ito98, IK09, Izm96]. **Feedback** [JLR09, KK92, Kan00, KT03a, Kar06, KJ07, Kas02, Kob84, KGBS08, KM07b, KR87b, LT83a, LT83b, Las98, Lef11, Lei01, LXZ11, LL13, LNP00, Liu03, LZ06, Liu13, Liu14b, LRW96, Log13, Luk85, Man04, Mee89, Mey01, MVHN09, MMK86, MS90, MR86, MV07b, MA01, Mos80, Mos82b, NE04, NM08, Nie14, Ped91, PK95, Pon09, Pop95, PY96, QLD01, RW87a, RRR16, Ray06, Ray10, Ros92b, Ros94, Rya94, Sak83, Sak84, Sch92a, SS92, Sha88b, SFFC08, ST90, Sto91b, Sto92, Sul94, Sul98, SAMB14, SIC00, TR02, Tal05, TZZ88, TP95,

TF08, Tsi91, Tsi95, Uch81, Urq05, Wag91, Wan91, Wan98, WXY05, WC81, YLL+15, Yu15b, ZP05, ZC06, Zha08, ZY08, ZLHZ12, ZLD12, Zua90, Cur85a, CW06, Mos82a]. **Feedbacks** [BP98a, Dat88, FGG11, GX04, Jam14, Kry98, MB04, MR09, NP06, Pep16, Rif02, Sch02, VM00, XS96]. **Feedforward** [Bat07, IP06a, IP06b, KK12]. **Feedthrough** [CG10]. **Fees** [Zar92]. **Feller** [ZY09, JN06, Sha15]. **FEM** [AO15]. **Field** [ACCD12, Ahu16, BP14a, BSS93, BCY15, BGHR16, BS06, CM16, CLLP13, CD13b, GV16, KBDK03, LM16, NC13, WW03, WZ12a, Yon13, You13, Bac79]. **Fields** [AB02c, DWZ+16, Her78, HL04, LY12]. **Filter** [BCL04, BBK00, BEL02, CA10, CdSBT09, Dav78, DDS15, Dok05, ENJP88, FR05, GP98, KW78, OP96, Vin77]. **Filtering** [AC02, AC06, AZ97, BB89, Bas91, BK95, Bou93, BVJ07, BLZ94, BL00b, CZ95a, CFN07, CGR96, CGS00, CGLM02, Cér00, DS87, De 92, FP89, FM00, FR00, GP98, GJP88, GBGdO00, GdOB02, HH76, Ham82, HO01, Heu94, Ito96, IR00, KLV09, LMMR15, LMR97, Mar84, Ouv78a, Ouv78b, PZ04, Pic93, PS88, SM13, SC16, SZX16, TA81, Tan00, VC03, YY05, YY08, YD03, Zha98, dOP03, dOG05]. **Filters** [BK98, BK99, BK00, CFN06, CYL96, CYL97a, CYL97b, CY94, Coh97a, Coh97b, EK97, LR00a, Lev87, LZ16a, New00, New06, New07, Nih83, SVBZ09, WZY06, vH10]. **Filtration** [LG07]. **Final** [AQ05, MO02, MP76b, Sei88]. **Finance** [FP11b, ZES12]. **Financial** [FP04]. **Finding** [ATV13, BLW07, BK08, GBBT78, KN13]. **Fine** [KY87a]. **Finite** [AGL08, AM89, De 15, AZ97, BT11a, BB98, Bar80c, BB90, BS15, Bay09b, BKR00, BG09, BE95, BGR04, BH86, BB00, Bis83, BKK02, BT13, Bra09, CW95, CSC14, CM81, CYL96, CYL97a, CYL97b, CY12, CG13, CIP96, CY94, CMR85, Coh97a, Coh97b, Cor95, Cro81, CC87, Cur84, CS86, DM02a, DJLY09, Dat80, DGH09, DHP09, DTWY91, DPR13, EK97, FHH97, FHH99, FRZ93, FV98, GMP00, GL13, GY11, GHZ14, Grü09, GKLM92, Gug07, GAHL09, GH96, HM03, Hai86, Hei88, HW99, HJF10, Ito90, Jam91, Jam14, Kar06, KLS87, Kha16, Kno82, Las95, LW10, Lei87, Lev87, LLMT02, LR79b, LCS96, Liu14b, LW15d, MP14, MPZ03, MRV13, McC09, MV07a, MV08a, MV08b, MRV11, Men89, Mor13, MS07b, NE04, NPR15, Nih83, ORW13, Orl04, OOS15, PS10a, Pan92]. **Finite** [PR14, Pla80, RV05, Rod82, RZ06, Sal85, SS99a, Sch92b, SB78, Son79, Ste11, TWY90, Tan00, TW94a, Tib11, VW08, WB87, Wee92, Wil77a, WCLC05, WJE16, XB99, XUP08, XZ15, YC06, YW12, Yon90, ZBA13, Kup85]. **Finite-** [BS15]. **Finite-Alphabet** [XUP08]. **Finite-Dimensional** [BE95, BH86, CYL96, CYL97a, CYL97b, CY94, Coh97a, Coh97b, CS86, DTWY91, EK97, FRZ93, GKLM92, GH96, HM03, Ito90, Pan92, SS99a, Tan00, XB99]. **Finite-Gain** [LCS96, YC06]. **Finite-Horizon** [De 15, MPZ03]. **Finite-Precision** [WCLC05]. **Finite-Rank** [ORW13]. **Finite-Time** [BB00, GL13, HJF10, Jam14, Kar06, Liu14b, PR14, Son79, WJE16, YW12, ZBA13]. **Finitely** [CM02, Dol76b, GTT16, Kha95, Mey77b]. **Finiteness** [FK83]. **Finslerian** [LM00]. **FIR** [LM13b, MT09b]. **Firm** [CFR13]. **First** [CT09, Che04, Fra84, GHZ15, Iof79a, IK96a, LH87, Mai13, Maz94, Sar97, SO06a, Tri78]. **First-** [CT09, Sar97]. **First-Order** [IK96a, Mai13]. **Fish** [BS09b, GT07]. **Fit** [BP08a, DF98c, GT09, GW09, Ma92]. **FitzHugh** [CRT15, BK14]. **Fixed** [Alm08, Ber85, BH86, Ber89b, CPW88, EÖ88, Eno94b, Gen13, GL13, GM11, HG90, HP09a, Mai08, Mur89, OS02, Pau08, RY95, Ric77, Spi80, VA03, Ber88].

Fixed-Endpoint [Eno94b]. **Fixed-Order** [BH86, Ber89b, GM11]. **Fixed-Point** [VA03]. **Flatness** [MRR16, PR01, RM98, dSF01, vRM98]. **Fleming** [BSZ93, EK93]. **Flexible** [Bal78, BGRW88, CZ98, CCW14, CM98, GAM93, GA91, Guo01, Nai95]. **Flextensional** [AGN+16]. **Flock** [CLG12]. **Flow** [AHJM10, AB02c, BFCLS97, BE87, BHT87, BFPB13, DH98a, Gug03, GDL11, GHS92, Gut90, Hei16, HK01, Ito05, Liu08, MT03, MMN09, Sla00, Sla03, SZ10, TBT90]. **Flows** [ATW93, ABB04, Ara13, BKP14, BDK00, Cla82, GM99, GM00, HY97a, KV07b, LS02, Qu14]. **Fluctuating** [FSS87]. **Fluctuations** [EAK86]. **Fluid** [BKP14, Bra09, CM12, GH12, HK01, IK94, Leq13, Ray10, SZ10, ZM11]. **Fluid-Structure** [Leq13, Ray10]. **Fluids** [Ara12, Ara14, BDFCGB12, CFRV98, Sta15, YDZ98]. **Flux** [JS99]. **Focal** [Zei92]. **Fock** [Zd83]. **Focusing** [DKL09]. **Fokker** [LB00]. **Follicular** [CCS13]. **Follow** [KR04]. **Follower** [CH94, Pap81, Yon02, KS84a, KS85a]. **Following** [ABP14, GAP+09, HK06, Tse93, WD07]. **fonctions** [HU78b]. **Footprint** [LW15a]. **Foraging** [HBSW07]. **Force** [AT00a, Cha10, CCW14, GY98, Gue07, KB01, KBDK03, KGBS08]. **Forced** [BRT15]. **Forces** [CCM14]. **Forcing** [BR13, BRT15, Mey77d]. **Forest** [Alv04]. **Form** [Bol80, BDP14, CS05, HS15, Hug16, IST16, JM05, Kal82, KK92, Kan98a, Kan98b, KS90b, LC05, LAN04, WCS12, Yan14, ZBB07]. **Formation** [CFH09, EK09, HPT07, ZM14]. **Formations** [AH14, YADF09]. **Forms** [AI02, CW81, FT02, HO97, KL02, MRv94, McE09, PPL09, Pul95, RT04, Reb88, TR02, WD76, WT98, WF76, Zha09]. **Formula** [Bar88, Igl96, LL07, MM00, Ris86, Sla00, Sla03, Ste07, Sto97, Wol90]. **Formulae** [KHP06, PP13, Pop95]. **Formulas** [BMS05, TA81]. **Formulation** [BK13, CS02, DZ91, GK06, IK96a, LR10, PZ14]. **Formulations** [CB11, VL78a]. **forthe** [FCGIP06]. **Forward** [BC16, FT04, GCL15, GTSN13, ØS10a, PW99, Rus06, ST14, TZ09, Tse00, WWX13, Yon10]. **Forward-Backward** [BC16, FT04, ØS10a, PW99, Tse00, WWX13, Yon10]. **Fountains** [CL02]. **Four** [GLD+91, Nym94, Sta93]. **Four-Block** [Nym94, Sta93]. **Fourier** [Obe07, BGBPG04, NHG99]. **Fourth** [WCG14]. **Fraction** [Kha82, MCWY14]. **Fractional** [AC02, AO15, AOS16, DHPD00, DMPD12, DPD13, HZ05a, HP09b, Liu14a, LL15, MZ06, NBF16, POU11, Qua03a, Qua03b, TKH10, Yam88]. **Fragments** [WC96b]. **Frames** [WP98]. **Framework** [AAS02, Bas91, Bis12, GŠZ05, GŠZ10, Gri93, MRP99a, RCS01, Ves13, XC03, ZYL97, Zho07, Zd83]. **Frameworks** [SB78]. **Fredholm** [LY90]. **Free** [De 15, ANS14, AL00, BF91, BRW05, Cér00, CH94, CF14, DF98c, EH10, FH94, FR78b, FH88, GH04, HW12, KB81, KWY08, KLM04, MO02, McE07, McE09, MK10, MP76b, MA01, NT95, PTH88, Qu14, RV93, Sei88, Sto97, Tre89]. **Free-Boundaries** [De 15]. **Free-Boundary** [BF91]. **Free-Endpoint** [Tre89]. **Free-Time** [RV93]. **Freedom** [NCL13]. **French** [Bon84, GB82a, Lob70, Pen89, Qua80, Bac79, CL78, Cla86, HU78a, HU78b, LM84, Lob76, Loi88, Tah92]. **Frequencies** [AS91, Zer05]. **Frequency** [Bla76, BL00a, DE14, Hag02, HdHVW03, LP15, LB89, MR09, PIH14, Reb95, Rus86b, WZ01, ZH02, Zwa88a]. **Frequency-Scale** [LB89]. **Frequency/Period** [Rus86b]. **Friction** [BHOP14, Lip97]. **Frictional** [CO03a]. **Frictionless** [SSL11]. **Frobenius** [AD02]. **Fromovitz** [Gün95]. **Fromowitz** [dRdPR08]. **Front** [BSS93]. **Fronts** [CM06]. **Fuel** [Ban05, IK02b, MS07b, Wee92]. **Full** [Ben76, Las98]. **Fully**

[CR11a, Las95, LW14, PW99, Sor98, TP05].
Function
[ACS00b, AX05, Bad09, Bar89, BF90a, BP98b, CFS15, Câr93, Car12, CQ05, CZA04a, CL86, CMW06, CN10, CP16, Col82a, CPW88, Dav07, Del04, DG85, Doy94, FY76, Flo97, FBJM14, Fuj80b, GL99, Gui13, HG02, HU84, IS12, IK11a, JL76, JV06, KKP85, KF03, KM07a, Kim78, KKS93, KNW95, Laz88, LH14, LY01, LY02, MT78, MR90, Mey77d, Mey89, Mil02, MZ09, MS04b, OT83, Pen13, PQ98, RM92, RRR16, RL78, RK89, SS89, Ste04, Wei05, Whi79, WZ98, Yan96].
Functional
[AGJK12, BL83, Cam76, CDCCMG08, CM10a, CH78, Fuj80a, Gra88, IRS02, IT86, IT87, Lar01, MR78, MW04, NS05, PS10b, PO00, Sal85, SP02, Und76, UY79, ZD14].
Functional-Differential [IT86, MW04].
Functionals
[Bal81, Bal86, BD11b, BC13, Cou00, Cra99, DDH15, DM09, Fer78, Fer81, FT12, Hau78a, Iof77a, Iof77b, JT11, KV07b, PS10a, RZ14, Sla00, SYZ13, Sto76, Vil04, WK77, Zag00].
Functions [AJPR14, AAA12, AR77, BGKV80, BR88, CGW08, CEK03, CS87, CLRS00, Cob10, DRW10, DG89, DFP14, DT92, Dun95, EGN85, ENW95, Fer78, FPT15, Gal00, GdOB02, Goe13, GP79, HO01, HRW06, HdHVW03, HU82, HKL89, JS81, KT04, KT05, Kiw97, Kob79, KL99, LW12, ŁS85b, Mao90, MH78, MBC06, Mat76, Mif77, Mik07, MI15, MS02, Mos80, OMS90, PB09, PP14b, PL15, PP02, PYM93, Pre96, RS10, Rif00, Rif02, Rot77b, SX14b, SW11, Stu86, Stu15, TKH10, Thi91, Tse93, Tsi91, Tsi92, Vin83b, WS13a, YD08, ZD14, ZK88, CL06a, HU78b, PQ00].
Fundamental [DM15, MD15]. **Funnel** [HHI+13, IM10, RS15a]. **Further** [Guo94a, MA01].

G. [JLZ98]. **Gabriel** [SO13]. **Gain** [CM91, CCF07, CE06, DRW10, GW15, GW16, Gho88, JM05, JH00, KJ07, KLR09, LCS96, LT97, LM02, LT03, Sch15a, TSNvL08, YC06, ZLD12, dFS15, CMT03].
Gain-Scheduling [Sch15a]. **Gains** [BI91, GW15, HSP16, MS90, TST07].
Galerkin
[GJP88, Ito90, Las84, MV11, XB99].
Galerkin-type [Ito90, XB99]. **Gambling** [VZ16]. **Game** [Alp88, AL98, AFLO08, AA92, BB88, BB90, BB94, Boe05, BS09b, BF13, Car96, CS12a, ED81, Fit79, Gah94, Gen13, Ham06, HZ10a, HM14, HBSW07, Jer80, LM15, Lid15, LAKG92, MP14, MP76a, NC13, PZ14, SS06, Wen15, Win78, YT13, Yan14, Yon90, Yon02, Yu15b].
Games [ACCD12, Ahu16, AA86, AFK10, Alp10b, AFGT13, Aub90a, BP14a, Bar80c, Bas77, BL89, BB93, BS15, BP05, BH13, BY13, BR10, BCY15, BCS15, Ber85, Ber86, Ber92b, Bis77b, Bis12, BS04, BCR04, BL08a, BLP14, CM16, CQ15, CP00, CQSP00, Car07, CLS12, CLLP13, CD13b, CLRJ13, CAS13, CIP96, CLS97, Cos13, Del07, DS09, EP08, Ell76, Eng10, FR82b, FTV98, For77, FT02, Gal79, GW84, GR05, Goe02, GV16, Grü13, GS11, GNLB14, HG90, HM08, HLL00, Hua10, Ich76, JB96, Jas02, JN06, Kin84, KS00, KDB15, Küe07, Kul93, KS81, Kum08, Kus02, Kus04, Kus07, LN82, Lar01, LS05a, Lei06, LC05, LM16, Lid13, LS85a, LK11, Man04, MYAS09, MSVA09, NH12, Now89, NA02, Ols02, Pap81, Pap86b].
Games
[PB99b, PQ00, Qia94, Ram98, Ros00a, RSV04, SP02, Ser09, Shi02, Sîr14a, Sîr14b, Sîr15, Sor96, Sor98, SQS09, SY14, SCFV97, ThH07, Top79, TV02, Uch78, Uch79, Und76, Var76, VA03, Vie00, WZ12a, Whi80b, Wil77b, YXJ11, Yon88a, Yon88b, Zar84, Zha05, ZM13, Ber88, LS86, TA96, TPA97].
Gamma [ST00]. **Gap**
[BF05, BFP08, CG00b, FGS93, IM08, IM10, JHMG06, JSV05, PB83, HG02].
Gap-Metric [CG00b]. **Gas** [GDL11].

Gauss [Red79]. **Gaussian** [CK98, CGR96, DPD13, EK97, GA91, GNLB14, HO01, KLV09, Kum83, Kwo80, Kwo91, LP85, Lou94, MM00, NH12, OC04, Rud78, Uch81]. **General** [Ahm03, Akç01, Bal84, Bau09, BR82, BT96, BC96b, Bor94, BHL12, BC02b, CLYL13, CR93, CH05, CD12, Cur76, DC06, DR77, ES09, FS16, Gar76, Gil77, GLD+91, GHS12, HM83, HS87, Iof76, Kiw96a, KLV09, KM12b, KY93, Lag77, Lag89, Lev01, Li07, LK11, LR97, MT03, Man81, MY93, MRP99a, Nag03, Pen90, Qiu13, Qua04, RW94, SLG84, Sus87a, Sus87d, Tad93, Tan03, Tan15, TK81, VZ97b, Yam89, Yu13, YCLK13, IM05a, LM84]. **générale** [LM84]. **généralisés** [HU78b]. **Generalization** [CGW01, CC13, FEBL13, Ha90, Jah88, MP11b, PY95]. **Generalizations** [GS93, Tsi92, Tsi95]. **Generalized** [AN15a, AN15b, AJ77, ABH98, Arm86, BHM14, Ber86, BN13, BN16, CHN94, CFR13, CLT06, CDG15, Cla76a, CC90a, DM99, Dmi92, Dol76a, DS99b, DM02b, EMH08, Gui13, Hau94, HPW83, HSP16, HN96, HMA97, IO96, ISdCN99, JS86, Kiw97, Koe79, KH69, LS98, LS00, LYLZ99, LR96, LRT05, MR15, Mey09, Mil96, Mun14, NHG99, Out00, ÖL89, Pan13, RMZ02, Rei83, RW90, RZ06, Rou86, SWY12, Sas14, SBBV15, Sha94, Sha88b, Tre90, Tre99, Wei77, Zar84, ZA10, ZP05, Zhu92, HU78b]. **Generalizing** [Brü13, PIH14]. **Generated** [Dok05, Dun80a, LP15]. **Generating** [Ahm77, CEK03, GL05, Cla86]. **Generation** [BM84, FV98, Hab02]. **Generators** [Fra87a, Las95, Mot00, Nag85, Zab78, Zab80]. **génératrices** [Cla86]. **Generic** [Aey81, Ari98, Bre86, BP98a, BA84, CM12, Cur03, EG02, OZ00, OZ03, Pic96, Sch88a, Zas00, vdW99]. **Genericity** [AMV07, CR13, Hab96, Sha14, Viv03]. **Genetic** [Fre99]. **Genetics** [EK93]. **Geodesic** [Pen13]. **Geodesics** [GGP02]. **Geometric** [Aey85, Arm86, Bd95, CdLdDM02, CB05, FFP+09, FGS93, GSW89, GZ12, Gha11, Gho88, GD88, Hen80, KR04, LGZ13, Mar84, Mor10, MLYF02, NS14, RN13, SS92, SD13, VC03, VG95, WKS86, Gho86b]. **Geometry** [AM14, BJ11, BG13, HV00, LMP95, MH78, PPZ06, Sak02, Sha83a, Sha83b]. **geostrophic** [FCGO05]. **Get** [TW03]. **Ginzburg** [ASK05]. **Girsanov** [Dav76b]. **Given** [BG98, IY12, Jay10, WR87]. **Global** [Aey85, BCS15, BEL02, CL02, Car15, Cha09, CHS87, CT04, DYZ12, DCBT88, Den98, Dun81, Dun91, Efi12, EP93, FCG06, FT04, GB86, GM91b, GM93, GH86, HG92, HW03, Hir76, HD88, Hir90, KT03a, Kar06, KK12, KY05, Kum88, LB08, LSDS13, Liu13, Liu14b, MRS04, Mat98, NZ03, QLD01, RV90, Rei83, RZ06, Rub95, SKS90, SD13, SDSÁR00, SD15, Tsi93, Tsi95, UUH99, Vin83a, War89, YF97, YL10, YW07, ZY08, ZLD10, vH06]. **Globally** [HKL89, PTH88, PLSB14, PQ98, QC95, Yak93]. **Goal** [CJM12, HH08, HH10]. **Goal-Oriented** [HH08, HH10, CJM12]. **Goals** [MBL00, Res76]. **Goldberg** [Bay09a]. **Goldstein** [Dun80b]. **Goodness** [BP08a]. **Goodness-of-Fit** [BP08a]. **Gossip** [BCF12, MB16]. **Governed** [Ahm77, Ahm07, AG97a, AQ05, ABV13, Bar81, Ber98b, CM81, GY11, He87, Kha03, Lou02, RZ98, Wac07, WW02]. **GPC** [KS13]. **Graded** [ARS09a, BS90]. **Gradient** [ATV13, ABB04, BT03a, CR11a, CDCCMG08, CP98, Cel07, CvdSC05, DF16, DFCGBZ02, Dun79, Dun80a, Dun81, Dun86, Dun91, Dun93, Dun96, Dun00, FPD08, FO98, GL76, GCB06, IST96, JH00, KS92, LW15d, Man95, NNTD14, Phe85, Phe86, RX15, TD94, Wol12, Zag00]. **Gradient-Like** [BT03a]. **Gradients** [HU78b, PP02, Tre90, Tre99]. **Gradostat** [BRS14]. **Graph** [AJPR14, BF05, CG00a, DES09, FIR06, Les12, RJME09]. **Graph-Theoretic** [RJME09]. **Graphical** [BB93, CMA08a]. **Graphs**

[AA86, GZ12, GL13, GK02, Ich16, Lei85, LGZ13, MBS13, RFF15, vdSM13]. **Grassmannians** [Wan91, Wan94]. **Gratings** [BDR02]. **Gravity** [Rei95]. **Gravity-Capillary** [Rei95]. **Greitzer** [BH00]. **Grid** [KN03]. **Grids** [LXY14]. **Gross** [HMMS13]. **Group** [Coh97b, PBPB15]. **groupes** [Bon84]. **Groups** [BO09, CDM90, Da 14, Hir77, JZ09a, MDB05, Da 16, dRSV09, Bon84]. **Growth** [CR11a, CDCCMG08, DM02a, DL06, DM09, FHT06, MZ09, Mor13, RX15]. **Guaranteed** [AK99b, Bar77, BD02, LŻ11]. **Guaranteeing** [GW15]. **Guarding** [Rzy09]. **Gyroscopic** [Fre00].

H [BSZ93, McE04]. **Habit** [EK09]. **Half** [Far08, Far13, Ros00c, VJ77]. **Half-Axis** [Far08, Far13]. **Half-Line** [Ros00c]. **Half-Space** [VJ77]. **Halfline** [FG09]. **Hall** [CFRV98]. **Hambo** [HdHVW03]. **Hamilton** [ACL09, Aub02, ABSP08, Aub11, BS13a, BL08a, BN16, CD89, CD91, CT96, CP00, CR11a, Cer01b, CV83, CB11, Day09, EJ89, Fag08, FM00, Fra93, FL80, FL82, FMT10, Gal00, Gar03, GRS00, HS12a, HS12b, Hau94, JB96, KS99a, KS98a, Kre00, LW14, LM82a, LM82b, Lor87, McE95, McE09, OBL11, Pen92, Ram05, RW00a, RW00b, Sak02, Shi02, Tan03, VW90, WWZ14, WY08, Ye00a]. **Hamiltonian** [vdSM13, Bar78, CL02, CM04, Cla82, CI86, DF98d, GO04, Gon87a, Gro16, MM04, Mac14, MD13, PV15, RT04, Roc89, Roc96, Vin14, VS14, WCS12, Zhu00]. **Hamiltonians** [CP00, Goe05, WJZ12, Zei01]. **Hammerstein** [DCI07, MC12, ZZWY10]. **Hand** [BR15a, DDH15, Kus79, SV79]. **Hankel** [BR87a, CL94, FV95, GO14, HLG93]. **Hankel-Norm** [HLG93]. **Hard** [BO14, Far08, RY95, WM12]. **Hardening** [HMW12, HS03, Wac12]. **Harder** [Son88]. **Hardness** [BT97]. **Hardy** [Mos80, WP98]. **Harmonic** [GG13, SSL11, Zho07]. **Harvesting** [Alv04, BS09b, BCS13, DMS03, Fra03, Mor13, SSZ11]. **Hausdorff** [BG13, GY12, GY13]. **Hautus** [JZ09a, Sha14]. **Having** [BB03]. **Heat** [AMP10, BGR07, BGBPG04, BF89b, CZ04a, Caz14, CS77, CT04, FG09, FCLZ16, FJ83, GH07, Kha94, Liu03, LW11b, MS97a, POU11, RS15a, Sch80a, Sch80b, Sch86, Sei77, Wan08, WZ12b, WZ12c, WX13, WXZ15, Wec84, YZ16, Yu14, Zha01b, de 98]. **Heating** [DKS+11]. **Heavy** [AK99b, AK02a, KR89, Kus95, KM96, MK90, MSS96, PR01]. **Hedging** [BB06, Cvi00, Kam03, KR04, LS09, Lim05, MTT08, Pha00, Sto04, Win82]. **Helmholtz** [PS04, SAM03]. **Hemivariational** [LLM15]. **Hereditary** [Ang76, BB78, Col82a, Col82b, GMP00, Gib83, MT94, Mil88, Ouv78a, Pro90, Ros84a, Tad88, War78b, Col85]. **Hermite** [Cob06, HPW83]. **Hermitian** [GLR86]. **Héroult** [CFRV98]. **Hessian** [ABB04, DZ91, Han86]. **Hessians** [SS09c]. **Heterogeneous** [APGC16, Les12, MB12, Nic00]. **Hidden** [Lid13, Lid15, Ris94, XUP08, YD03]. **Hider** [AA92, For77, Gal79]. **Hierarchical** [SZ95]. **High** [BI91, Bre85, CE06, CMT03, DE14, HL04, Izm96, JS12, KK14, Kre77b, LS98, LS00, LYLZ99, LXZ11, YL10, ZZS14]. **High-Frequency** [DE14]. **High-Gain** [CE06, CMT03]. **High-Order** [HL04, LS98, LS00, LXZ11, YL10, ZZS14]. **High-Speed** [Izm96]. **High-watermark** [JS12]. **Higher** [AB06, Ber84, BCM12b, Brü13, Fer05, Gro12, War86, War88]. **Higher-Order** [Ber84, Brü13, Fer05, War88]. **Highly** [Liu97c, Mar02]. **Hilbert** [HR83b, Ahm81, Ahm07, Alv00, Bar97, BSZ08, Cer01b, CD80, DZ76, Da 85, DGJ93, Dol76a, Dol76b, DMPD12, FP03, GS94, Gib79, GRS00, HMA81, HS11, HR83a, Ich76, Ich07, Kub85, KS85c, LR79a, LLM15, Nak83,

Ouv78a, Ouv78b, Vol00, WK77, XG03]. **Hildreth** [LC80]. **Hilliard** [HW14, CFSGS15, FRS16, HW12, RS15b]. **Hilliard** [**?**]NavierFrigeri:2016:ODC. **Hirschorn** [Kum88]. **History** [GHS12]. **History-Dependent** [GHS12]. **Hitting** [Maz94]. **Hitting-Time** [Maz94]. **HJB** [BPS05, BB04, BM07, BHL12, CDR08, Fab08, FGG10, FGG11, HMR15, McE07, MK10]. **Hoffman** [Jou00a, Jou00b]. **Hold** [Pep14]. **Hölder** [CR11a]. **Hole** [PS04]. **Holomorphic** [MH78]. **Holonomic** [HS09, KM97]. **Homeomorphic** [Fer97b]. **homogénéisé** [Pen89]. **Homogeneity** [EPR14]. **Homogeneous** [AD02, AL12, APA08, ARS09b, CHL15, CI86, DM89, FCJ14, Grü00, Her96, HW12, HM02, Jam14, MPS99, PA99, QS13, SA96, Sha88b, SH12]. **Homogenization** [KS97a, NPS15, PT08, ST13]. **Homogenized** [Toa11, Pen89]. **Homomorphisms** [AD08]. **Homotopies** [HV00]. **Homotopy** [BH96, CY99, Tod83, Wat79]. **Homotopy-Smoothing** [CY99]. **Hopf** [AMZ04, BR87a, Dav79, HKB04]. **Horizon** [AT96, ABB12, Alm08, De 15, AB10b, AK16, BB98, BS15, Bay09b, BG09, CD89, Car90, CH96, CZ04b, CY12, CG13, CMR85, DJLY09, Di 91, DS99a, DS07, DHP09, FM95, FHH97, FHH99, GQ09, GMP00, Gri86, GPSW10, GM09, GAHL09, HW99, IK02a, IK06, KLS87, Ken80, Kha16, KVA96, LW10, Lei87, LZ96, MP14, Mam14, MPZ03, Mor13, OC12, PS10a, Pla80, SB78, SR97, Ste11, Wee92, Wee03, WJE16, XUP08, Zas95a, Zas95b, Zas97, DM02a]. **Horizons** [AK04]. **Houses** [VZ16]. **Hull** [MW78]. **Hulls** [All88, AW90]. **HUM** [DL09]. **Human** [CJM12]. **Hurwitz** [AJ77]. **Hybrid** [All99, AG97a, AHS13, BDDSV05, CT13, CZ98, Cha77, Col11, De 00, DR05, GP05, GD88, Gra99, GZ14a, HT11, Hua07, LB08, LNP00, LH14, Mai08, MZ97, PLSB14, Rao95, SWY12, SX14b, TC13, WZY06, YD03, YLL$^+$15, ZH03, ZJ06, ZY07]. **Hybrid-Event-Time** [LH14]. **Hyperbolic** [Ahm77, AB02a, AB03, BM86, Bar95a, BS04, Bro87, CMK15, CW81, CBdN08, CGW10, CVKB13, CB15, Dat88, FBP99, FYZ07, Fu12, Gev81, GL11, Gue14, Ho86, Hu15, Kha95, KY05, Lag77, Lag78, LT86, LR03, MSv86, MR04b, Pav13, PR14, PU15, PGB14, Sun82, Ulb02, VJ77, Wec82, XLL08]. **Hyperbox** [LSDS13]. **Hypercausal** [Hop84]. **Hyperelasticity** [LSW14]. **Hyperstability** [Bas91]. **Hypoelliptic** [BDGR12, Sto04]. **Hypotheses** [Cla76b, MH11]. **Hypothesis** [Kur89]. **Hysteresis** [BF89b, FH88, GQ11, KT16, LM02, MMK86, Tim14]. **Hysteretic** [EI13, ILR10, JLR09].

I/O [LF87]. **ICDD** [DGQ13]. **Ichikawa** [JLZ98]. **Ideal** [CP82, II97, ISW00]. **Idempotent** [KM16]. **Identifiability** [BEL02, Cou83, GH07, KN77, KS86, KW87b, Nak83]. **Identifiable** [Wri93]. **Identification** [Aca93, AS88, Akç01, AI02, AS95, BBC81, BK82, BGRW88, BRR90, Ban78a, Ban78b, BP88a, BB07, BV82, Che84, DY13, Din15, DPV00, FP08, Gut90, HSD97, HG02, HSV00, JS99, KN03, KK14, KS85b, KNW95, KS85c, LY91b, Lam92, ML13, Mor79, MC12, MCWY14, NP82, Pie79, RV05, Ros84b, SB94, Yu95, ZZWY10, Zd83]. **Identifying** [CZ99, CF14, GY98]. **Identity** [Wen15]. **Ignition** [IK02b]. **II** [AN15b, AT94, BC96a, BC96c, Bru76, BK00, Car97b, Che81a, CZ00, CFNG10b, CY94, Coh97b, Cza04b, DL13a, FGG11, FHH99, Gho88, GR85b, HS12b, HS95b, Her76, Iof77b, Iof83, IT87, Kan98b, KS85a, Kiw96b, KY05, Kru00b, LM82b, LS86, MV08b, Mey03, MRP99b, Nic97, Ouv78a, Pap86a, Qua03b, RW00b, Rot77a, Rot77b, Sha83b, SC06, SD15, Son86b, Sub81, TPA97, TW03, YY08].

III [AR77, BC81, BC96d, Kre78]. **IIR** [Bas91]. **iISS** [Bat07, MI15]. **Ill** [CT06, Vog90]. **Ill-Posed** [Vog90, CT06]. **Illiquid** [GGP14]. **Illposed** [IK95]. **Image** [BDGR12, HN00, RKL16]. **Images** [ZVBR14]. **Imaginary** [BFP11, CFNG10b, Lou15, RR12, Sch92a, SO06b]. **Imaging** [AGJK12, BCM13, KK14]. **Immersion** [Jou03, Lev87, Oht08]. **Immobile** [Gal79]. **Immunotherapy** [Kas09]. **Impedance** [ADK08, BP97]. **Imperfect** [BB08, HD11]. **Imperfections** [Amm02]. **Implementable** [VGBS13b]. **Implementation** [DC88, ZCC07, ZH05, dOG05]. **Implementations** [Kiw96b]. **Implementing** [PTY07]. **Implications** [KMZ98]. **Implicit** [BKP90, Ber82a, Dun80a, FL81, FKN96, Gri88, Mac14, dSF01]. **Implied** [EZB11]. **Implies** [MRS04]. **Imply** [SA96]. **Importance** [Bal94]. **Important** [BL08b]. **Imposing** [MT09b]. **Impulse** [AL08, Ama04, AKP05, Bar85b, BEM13, CG13, Cob06, Cos13, DGW10, Ega08, GCR09, GW09, LF87, LP86, MSSZ88, Men80a, MS11, Mil96, PS10a, Ric77, Rob81, SS09c]. **Impulse-Equity** [MS11]. **Impulses** [BR93]. **impulsional** [LM84]. **impulsionnel** [LM84]. **Impulsive** [Ahm03, DM13a, LH11, LH14, MR96, SV97, TC13, WŽ07, YCY13]. **In-Domain** [SCK10]. **Inattentive** [SRM16]. **Incentive** [Baş84]. **Include** [AFGT13]. **Includes** [Ste13]. **Including** [HW12, LI00]. **Inclusion** [BC16, CS05, Fra87b, SS03a, SV79, Vin14, Wol90]. **Inclusions** [AGJ+13, ABAC10, AS11, Aub01, Aub02, BHS05, BBV13, CN11, CO03b, DF98b, DS99b, Don10, GLK12, GR88b, JLR09, KT05, Lei85, Li07, LW12, LR94, Lor08, Mai13, Mor95, MW04, NLPT09, Qui92, RRS14, RS13, Rya98, SH12, Tal91, TL03, Iof83]. **Incomplete** [CLHH05, Cvi00, EQ95, EGN85, Grü13, IK06, KLSX91, LN82, Lar01, NOV03, QV04, Ros00a, RSV04]. **Incompressible** [Cor99, GHS92, ZM11]. **Inconsistent** [HJZ12]. **Incremental** [Sto76]. **Increments** [Pav84a]. **Indefinite** [CLZ98, CZ00, Du15, Hew93, HZ03, QZ13, RMZ02, Tre89]. **Independence** [BSZ08, DHV00, KS92, Lau99, Vol00]. **Independent** [AT92, MN07, Rin09]. **Index** [Bv85, Tie14]. **Indexed** [TYW11]. **Indices** [AMZ04, MH78, Sha88b]. **Indifference** [HL16]. **Indirect** [AB02a, AB03, AT82, Che99, DAR15, NK94, Sag15]. **Indistinguishable** [AE95]. **Individual** [LC05]. **Indivisible** [SYZ12]. **Induced** [FPT15, LM97b, MP99, MD13, RW76, SK94, Szn93, Fre00]. **Induction** [DKS+11]. **Inductor** [HS03]. **Inequalities** [Ama04, Aus99, BS80, Bar81, BB09, BLS05a, Ber98b, BZ99a, BC95b, CY99, Che99, CCT07, Cos13, De 11, DKRV13, FSH16, FCG06, FP96, FR78b, Fri86, Fri87, GGF09, He87, HL11, KT00, KK06, Lar01, Lev99, LY12, LXY14, LP86, Liu95a, Liu95b, LLM15, Lou02, MS87, MD89, MP84, Mor03, Pop97, SWY12, Shi88, ST96, Sub81, Tse91, Yao99, Yao00, Zha00, ZJ06, Zha09, Shi90]. **Inequality** [Ach05, Ach08, ABSP08, BS00, BLS05b, Den98, DG85, EMH08, GP94, HTY01, IS02, KZ00a, LMP95, LY01, LY02, PPZ13, PT87, PTH88, RH06, RW78, SS99c, Ste15, ST90, Tre99, YF97, YT13, YZ16, ZLD12, vTY99]. **Inequality-Constrained** [IS02]. **Inequaltity** [WK77]. **Inertial** [LM15, ZVBR14]. **Inertial-Sensor** [ZVBR14]. **Inexact** [CDG15, LS99a, NNTD14, VW02, WD07]. **infini** [Loi88]. **Infinite** [AT96, Ahm96, AS88, Aih92, Alm08, AMZ04, AB10b, AK04, BC96a, BMS05, BW89, Bar78, BD83, Bar91, Bar95b, BL01, BM90, BB93, BB94, BS15, BSDR97, BM09, BH86, BL00a, BQT08, BK98, BK99, BK00, CD89, CD91, CT96, CC04, Câr93, CHJ87, Car90, CH96, CZ04b, CLYL13, CdVF05, CP76,

CS86, Cur86, Da 87, Di 91, DS99a, DS07, DD03, Eva13, Fab08, Fat94, Fat97, Fei76, FR78a, FG15, FM95, FHH97, FHH99, FB01, Fuh76, GQ09, GJP88, Gib80, Gib83, GR88a, GCP88, GT90, Gri86, Grü09, GKLM92, GT05, GM09, GT14, HP10, HLGH98, HMR15, Ich16, IST16, IP06a, Imm07, IP87, Ito90, JZ99, JB96, Kam76, KY87a, KLR09, Ken80, KA06, Kno76, Kno77, KS98a, KS00, KRT11, KVA96, LP15, LY90, Lei87].
Infinite [LZ96, LK10, LZ92, LI94b, LRT98, LR00b, LM02, LRT05, Log13, Mam14, MS98, MS97b, OMS90, OW93, OW96, OC12, OC04, Opm07, OS10b, OS12b, OS14, PGB14, Pla80, PMH92, PH92, PS87, Sch92b, Sha15, SR97, Sta93, SS03b, Tak97, TW94a, TW94b, TF08, TF11, Tud90, UUH99, UU00, Und76, Van94, VK81, Wee03, WR00, XB99, XS96, Yam88, Yam89, Yan95, Yon93, Zas95a, Zas95b, Zas97, Zwa88a, BC96d, FR82a].
Infinite-Dimensional [Ahm96, AS88, Aih92, BC96a, BMS05, BW89, Bar95b, BM90, BSDR97, BH86, CT96, CP76, CS86, DD03, Eva13, Fab08, Fat94, Fat97, Fei76, FG15, Fuh76, GJP88, GR88a, GCP88, GT90, GKLM92, HP10, IST16, IP06a, Imm07, Ito90, JZ99, JB96, Kam76, KLR09, Kno76, Kno77, KS98a, KRT11, LP15, LY90, LZ92, LI94b, LRT98, LR00b, LM02, LRT05, Log13, MS98, OMS90, OW93, OW96, OC04, Opm07, OS10b, PGB14, Sta93, Tak97, Tud90, UU00, Van94, WR00, XB99, XS96, Yam88, Yam89, Yan95, Yon93, Zwa88a, UUH99, FR82a].
Infinite-Horizon [AT96, BS15, CH96, Ken80, LZ96, Pla80, Zas97]. **Infinitely** [Lid15, Rot77b]. **Infinitesimal** [CR93, Fra87a, MERD02]. **Infinity** [BGM97, GM11, MV91, Loi88]. **Inflation** [CH98]. **Information** [AT92, AT94, BC96a, Baş84, Ber92b, BMM85, Car07, CIP96, Chr80, CFZ10, EGN85, FLJ13, FPD08, Grü13, GNLB14, HD11, Hau87, HN00, HO08, HWX09, LN82, Lar01, MT09a, MT03, MTT08, MS07a, Nie14, Now89, ØS12a, Qia94, QV04, Ros00a, RSV04, TZ07, Wil77b, XZ07, Yan93, YXJ11].
Informationally [Bas77]. **Ingersoll** [BPS05]. **Ingham** [KL99]. **Ingham-Type** [KL99]. **Inhibitory** [KB16].
Inhomogeneous [CR11b, DES09, Osh06].
Initial [AFT91, Amm02, BG98, BGR07, Del04, Eva13, Kob76, Kob77, LF15, OP96, Whi79, Yon10]. **Initial-Terminal** [Yon10].
Initial-Value [Whi79]. **Injection** [HG92, HS15, Jou03, OS10b]. **Inner** [CCM14, Pet04]. **Inner-Inner** [Pet04].
Innovation [Uch81]. **Input** [AD08, AISW04, BM00a, BP88a, BRS14, BFP09, BFT96, Bos02, CT13, Cha05, CHL15, CW03, CM76, CS86, DM13a, DL13b, De 83, DBC12, Dew76, DMS02, Dun86, FK83, GB86, GB93, Gra88, Had06, HZB13, HG02, HR83a, HJF10, HSP16, ITT04, JLZ98, JLR09, Jay10, Kar11, Kob83, Kob84, KSW01, KM12b, LW15b, LCS96, LS99b, LF15, LRT98, LR00b, LM02, MRL12, MRS04, MT94, MRv94, MNB11, Mee89, NZ99, Nie14, Obe06, OS10b, Pan92, PD79, Pet88, Por77, PC00, PS87, QN82, SL16, SW00, Sus83, Sus87b, Sus87c, Sus87d, Tad89, Tad97, TR02, Tal05, Teg84, TG12, Tsi93, WS95, WC96a, Was79, WSR04, YC06, Yam88, Zam98, Zha08, ZLD10, HR83b, Mai03].
Input-Output [AD08, AISW04, BP88a, DMS02, Gra88, LF15, MRv94, OS10b, Por77, PC00, TG12].
Input-Output-to-State [KSW01].
Input-to-State [CT13, Cha05, DM13a, HJF10, HSP16, JLR09, MRS04, SL16].
Input/Output [Obe06]. **Input/Output** [BFT96, De 83, KM12b, NZ99, PD79, WS95, WSR04, Yam88, Zam98]. **Inputs** [AZ07, BBT14, CW03, DI87, Dun98, Gra07, LSDS13, MM80b, NT16, SDSÁR00, TD94, WC96a, dFS15]. **Insensitizing** [BGBPG04, Dág06, FCGO05]. **Insights** [RN13]. **Inspection** [Öze85]. **Instabilities**

[BHM99, Fre00]. **Instability** [Cau13, HM83, Mat05, NP06, Vid77]. **Instantaneous** [Hin05]. **Instationary** [KV07b]. **Instructions** [BCY15]. **Insufficient** [CIP96]. **Insurance** [CM07, MS11]. **Integer** [LR79b, Mey77c, MW78]. **Integrability** [BC98, BCM12b, DvdS98, NMI15]. **Integrable** [BS09a]. **Integral** [Alt09, AISW04, AB05, AAS02, Bal81, Bal86, Bv85, BR15b, CF95, CM10a, CW08, Cou00, DO14, Fer81, FS16, Gib79, Gri83, Gug15, Iof77a, Iof77b, JT11, Jun00, LRT98, LR00b, LT03, PY96, Rya98, Sub81, Vil04]. **Integral-Input-to-State** [AISW04]. **Integral-Type** [AB05]. **Integrals** [Bag84, Bou13, CP02, CEK03, Fer05, Hau78a, LM82a, LM82b]. **Integrands** [Bal81, Bal86, Cou00, LZ96, Mar02]. **Integration** [Art89a, SP96, vdSR11]. **Integrator** [CHL15, DF16]. **Integro** [Ach08, Kim93a, ZVBR14]. **Integro-Differential** [Ach08, Kim93a]. **Integro/Partial** [ZVBR14]. **Integrodifferential** [DI93, GLZ04]. **Intensities** [KR04]. **Intensity** [CDDP11]. **Interacting** [BR10, RL06]. **Interaction** [CLG12, KL16, MG13]. **Interactions** [LBMH+16]. **Interactive** [New06]. **Intercepting** [FFP+09]. **Interconnected** [GL05, GM11, HM83, KHP06, LD05, MI15, RG14, TG12, Vid77]. **Interconnection** [LG09, Obe09, RW01, TFT11, ZL02]. **Interconnections** [CJK13]. **Interest** [BPS05, KK02, LS91a]. **Interface** [BKP14, BGHR16, CFRV98, LZ16c, MPT06, MY09, Nic96, Nic97, DGQ13]. **Interfaces** [KP94b]. **Interference** [MN07]. **Interior** [BS11, DHV98, HZ95, IST96, Jar93, LS99a, MOF77, Set93, SS03b, UUH99, UU00, Wei05, ZL01]. **Interior-Point** [DHV98, Jar93, UU00, UUH99, ZL01]. **Interleaving** [Sch15b]. **Intermittent** [LO15]. **Intermittently** [HMV05]. **Internal** [And82, BRS11, BD11a, CLMSR00, EÖSÖ98, Fab92, Fu12, HPS07, Imm07, Kha95, KB01, Kim92, KR15, Nic97, NP06, PP10, PP14a, Qua03b, ZY08]. **Internally** [WZ12b, WZ12c]. **Interplay** [EAK86]. **Interpolating** [KN13]. **Interpolation** [BL00b, CQ05, GK87b, Gho86a, LM97b, Pav84a, Pav84b, Rav00, Rus06, SKD99, Ste13, Ste15, Tad89, Tha86]. **Interpolator** [KG80]. **Interpolators** [KG80]. **Interpretations** [BV10]. **Intersection** [Bre07]. **Intersections** [BHPM04]. **Interval** [AFLO08, BBTN03, BK98, BK99, BK00, DV12, LK10, MNB12, RZ09, Wil77a]. **Intervals** [Bar78, CHJ87, FP03, PIH14]. **Intractable** [PT86]. **Intrinsic** [BLW07, BFP08, MDB05]. **Introduction** [BVJ07]. **Invariance** [Coh97b, CK09, Cur86, Da 14, DCBT88, Fon89, GTSN13, HMA97, ISW00, Kaw11, MRL12, MAG11, MH11, NS91, Ram94, Rya98, Sei87, Zwa88a]. **Invariant** [BC05b, BR08, CP00, DM89, DGKL10, Din15, ER88, Emr80a, FP03, GLK12, KHJ14, Kra93, KV07b, KS84b, LM97b, OS10b, Pav80, QS13, RG14, RCS01, Sny77, TK81, TSNvL08, VW02, WC96a, ZVBR14, ZK88, Zwa88b, vdW99, Kre85, EH80, Hir81]. **Invariants** [BFZ00, Bis83, DGM89, HPW83, MH78, Nto12, Sha88b, TR02, WF76]. **Inventory** [BG09, BÇS07, BÇMS+08, CS12b, HSZ15]. **Inverse** [Ach05, Ach08, ASTT09, Amm02, BD15, BE13, BGR07, Cau13, Caz14, CT06, Doy94, FK96, FN84, GMM91, HT10, IK95, KS86, Nic00, NM10, PHL16, PA93, SSW15]. **Inverse-Square** [Caz14]. **Inverses** [WDS79]. **Inversion** [FKN96]. **Invertibility** [Fei80, Hir77, Hir79]. **Invertible** [Bat95]. **Investigation** [AA97]. **Investment** [AMS96, CLHH05, CH09, CFR13, CF14, CSZ13, DJLY09, DK13, Dok05, FP14, GGP14, JS12, KM12a, LZ13, MZ07, TST07, Zar92, Zar94]. **Investment-Consumption**

[AMS96, Zar92]. **Investment/ Consumption** [GGP14]. **Investments** [KMZ98]. **Investor** [KLS87, LS91a]. **Involving** [BLP14, Cos13, DFCGBZ02, Hua10, MM80a, SWY12, WT83, YD03]. **Irregular** [IS02, Rei86]. **Irreversible** [CH09, CFR13, CF14, KM12a]. **Isaacs'** [LS86, BL08a, CP00, DL06, JB96, LS85a, PZ14, Shi02, Sîr14a, Sor93, Sor98]. **Isidori** [IST16]. **Isolated** [Stu86]. **Isomorphism** [GSW89]. **Isospectral** [BDK00]. **Isotropic** [CD15]. **ISS** [AAS02, DRW10, GW16]. **Issue** [BCP09]. **Itô** [Bag84, DMS12, GM05, Hau78a, ØS12a]. **Iterated** [Ber98a, JH00, Liu97c, LL94]. **Iterates** [KY93]. **Iteration** [Alm08, AB12, ABK14, ADG$^+$11, Ber98c, CC96, DKL09, DBS05, McC09, Mun07, NF13, ORW13, SR04, Yu15a]. **Iterations** [BSZ08]. **Iterative** [Com00, DM83, DC06, FGQ97, Fis11, ID87, LP87, Pap86b, SWY12, War82]. **IV** [CYL96, Sei77].

J [AW90, Ber88, Col85, Cou83, Cur85a, FR82a, Flå95, GK95, GRC82, Kum88, Mos82a, Pen88, Shi90, SC81, ZZ94, BF89a]. **J.** [BHJ83b, Dye77]. **Jack** [Ano95]. **Jacobi** [ACL09, Aub02, BS13a, BL08a, BN16, CP00, EJ89, FM00, Fra93, FL80, FL82, FMT10, Gar03, HS12a, HS12b, JB96, KS99a, Kre00, LW14, LM82a, LM82b, Lor87, McE95, McE09, Pen92, Shi02, WWZ14, WY08, ABSP08, Aub11, CD89, CD91, CT96, CR11a, Cer01b, CV83, CB11, Day09, Fag08, Gal00, GRS00, Hau94, KS98a, OBL11, Ram05, RW00a, RW00b, Sak02, VW90, Ye00a, Zei84]. **Jacobian** [JL98]. **Jammers** [Yan93]. **Joint** [AJPR14, GX04]. **Joints** [Reb95]. **Jump** [AC13, AMR14, Bay09b, BX12, BEM13, Bis12, BV77, CZ95a, CG13, CdV02, CdVF05, Dav76a, DGW10, DL13a, EDM05, FB01, FR05, Fra03, Gad08, GGF09, Goo76, Hop87, HO08, Kus79, LD06, LK08, ML12, Mor11, Mur86, NC16, OM14, She85, TF08, TF11, WD79, WZ12a, YX10, ZES12, ZWYJ14]. **Jump-Diffusion** [Bis12, DL13a, Kus79, ZES12]. **Jump-diffusions** [ML12]. **Jumping** [FC05]. **Jumps** [BTY11, Lim05, ØS10a, SK94, TL94, TBP14]. **Junction** [Lew80]. **Jurdjevic** [Flo02].

Kalman [ABP14, Bol80, Bou93, CA10, Dok05, JH14, LR16, New06]. **Kantorovich** [BS03]. **Karhunen** [Dür98]. **Karman** [Las98, PT95]. **Karoui** [CF14]. **Karush** [Gün95, IK11a]. **Kazantzis** [AP06]. **KdV** [Mun14]. **Keeping** [ZCGT10]. **Kelvin** [LL98, LZ16c]. **Kernel** [BP08a, PP00]. **Kernels** [AS13, Aub01, BCM12a, Che16, Din15, MRL12]. **Kind** [De 11, LH87, LH88, WY08]. **Kinds** [WX13, Zha15]. **Kinematic** [BL05, HMW12, Wac12]. **Kirchhoff** [AZ08, GZ14b]. **Kitamura** [Cou83]. **Kleinman** [BSZ08]. **Knothe** [Mik12a]. **Knowledge** [FPD08]. **Knowledge-Gradient** [FPD08]. **Known** [BBE99, HK94, IRT07]. **Korteweg** [Cer07, CRZ13, Ros00c, RZ06, Sun96, Zha99]. **Krasovskii** [MH11]. **Krasovskii-Type** [MH11]. **Krause** [CFT12]. **Kravaris** [AP06]. **Kravaris/Luenberger** [AP06]. **Kronecker** [EOF07, MH78]. **Krotov** [Vin83b]. **Kuhn** [Gün95, IK11a, CFR13, DJ86, DT92, LP79a, LP81]. **Kuramoto** [CMP15, DB12, GCL15]. **Kushner** [IR00]. **Kutta** [SP96]. **KYP** [BM06, PIH14].

Lack [ALR99, Now89, Tri77, Tri80]. **Lag** [GZ14a]. **Lagrange** [Flå95, Ang76, AK15, Bar93, BCM12b, Bus84, CP98, Cel02b, DM09, Flå92, HM76, Mor95, Roc96, RT06, RT07, Thi97, Tre99, Trö99, VZ97a, War86]. **Lagrangian** [ABL13, BK97b, BR93, CM04, CZ99, DZ91, Han86, IK90, IK96b, KM97, NNTD14,

PAH88, RM98, Stu15, Vol00, VW02]. **Lagrangians** [Cha10, Dav07, DG79, Mal02]. **Lags** [Qia94, Tad89, YXJ11]. **Laminated** [WXY05]. **Landau** [ASK05]. **Language** [KGM93, WR87]. **Laplace** [CKL16, Dat80, JPP14]. **Large** [BM84, BHHE03, BLP14, CC01, Cha14, DRW10, DK85, DK86, HYZ11, Her96, HMR15, Hua10, LS99a, Les12, LP87, PZ04, RX15, WZ12a, DK89a, DK89b]. **Large-Population** [Hua10, WZ12a]. **Large-Time** [Her96]. **LaSalle** [BHJ83b, MH11]. **Last** [GH14]. **Last-Passage** [GH14]. **Lattice** [CD80, Sha01]. **Lavrentiev** [BC13, CM96a, Fer05, HM88, Zas06, Zol92]. **Law** [Ber98a, BC98, Cor95, GP98, JS99, JH00, Mil88, Ris86]. **Laws** [AM98, AK02b, Bat95, BC02a, CE98, Dic76, GL97c, KY05, LGP15, Léa12, MPS99, Per12, PU15, Pfl86, Pop95, Ulb02]. **Layers** [Hab02]. **Leader** [Pap81, Yon02]. **Leader-Follower** [Pap81, Yon02]. **Leading** [LY09]. **Learning** [ABB01, ABB02, BM00c, BF15, CLRJ13, CAS13, FEBL13, KB99, KDB15, KH81a, KOS04, LN82, LO15, LC05, MYP14, SN82]. **Least** [All88, AW90, Bar80a, Ber98a, Che84, Guo94a, MD15, Set93, Vog90, WDS79, Yu13]. **Least-Squares** [All88, AW90, WDS79]. **Lebesgue** [Fer78]. **Lefschetz** [Sav05]. **Left** [BC05b, CG00a]. **Left-Invariant** [BC05b]. **Legendre** [Eke77, IT86, IT87, Lic13]. **Legendre-Tau** [IT87]. **Lemma** [BM06, CZ94, PIH14, Van94, ZZS14, ZzJh10, Las97]. **Length** [Dun80a, Dun80b, Gug07, HT92]. **Lens** [BR08]. **Level** [AB03, BH99, BS09a, EMP$^+$16, GZ14a, Ish88, JR93, Kiw96a, Liu11, dG06]. **Level-Set** [GZ14a, Liu11, dG06]. **Levitin** [Iof79c]. **Lévy** [BL02, BL11, HHPY16, LYZ15, ØS12a, CT06]. **Liao** [DHX10]. **Liao-Type** [DHX10]. **Lie** [AD08, Bon84, BO09, JS91, AL01, Bon84, BR01, CDM90, Cla86, Da 14, GJ11, Her78, Her80, Hir77, JS90, Liu97c, MDB05, MPS99, MS02, Da 16, Sus83]. **Lie-algebraic** [JS91, AL01, JS90]. **Life** [GS14]. **Lifetime** [BZ15a, BZ15b]. **Lifted** [MRP99b]. **Lifting** [MRP99a, MRP99b]. **Light** [Sag13]. **Like** [AS11, BT03a, BL91, Flo95, GL11, RS10, Son83, Wri89, GTSN13, Mai13]. **Likelihood** [Aih92, AB93, DPDS98, EK97, Rus88]. **Limit** [AD98, AZ08, BJ11, BN97, Ber98a, BGHR16, BG05, BF13, BK99, BK00, CQ15, DM02a, Fab92, GN02, Gai04, JM05, Jön09, Kul93, Léa12, MSBC08, MMK86, QR11, Shi02, SCFV97, Wee07]. **Limited** [CFR13, DCI07, FLJ13, LLX11, MS05, SNB09]. **Limited-Range** [SNB09]. **Limiting** [Dor86, JT11, HLR01, ZL01]. **Limits** [Vig97]. **Line** [AG95, AE95, AH14, BBBM08, BG98, BSDR97, Kus95, LA96, Ros00c, Rzy09]. **linéaires** [Cla86, Lob70, Lob76]. **Linear** [AD15, AT96, Ahm81, AC02, AK99a, ABB12, All99, ALP10a, Alv01, AL08, AM81, And82, ANP83, AP92, AA92, AP94, Arm86, ACW83, AW83, AT82, BA08, BRR02, BJ11, BGM05, BKP90, BK84, BI91, BFZ00, BS86, Bar85a, BBTN03, Bar97, BP14a, BL89, BB92, BFT96, Ber82a, Bie95, BW88, BT98, Bis76, Bis77a, BCG84, BM00b, Bli04, BT97, BJ02, BDFCGB12, Bos02, BF07, Bou95, BMO15, BK83b, BKM14, BKM97, CK95, CPS06, Cam76, CK98, CG00a, CG00b, CJK13, CLAL13, CGR96, CCM14, CL87a, CG10, CLZ98, CZ00, CZ04b, CS10b, CS02, CDL85, CMR85, CW81, CW03, CM76, CdV02, CdVF05, CdSBT09, CD80, Cur85b, Cur03, CO05, DI87, DI90, DD92, Da 14, DK05, DHX08, Dai12, DXG15, Dat80, De 00, Del86, Del07, DS09, DGKL10]. **Linear** [DKR08, DFP14, Dic76, Die87, Din15, Dmi92, Dok05, Dol76b, DV83, DMS12, Du15, DPR13, DMPD94, DMPD12, DPD13, DRDG08, ER88, EMH08, ES81a, EK97, Emr82, EG02, FW93, FM12, Fei76, FR78a, FKT86, FCLZ16, FZ00, FGL08,

FR00, FB01, FR05, FC05, Fra77, FD87, FIM09, FP03, GR06, GQ09, GCL15, GJP88, GPB91, GBGdO00, GdOB02, GC06, GGF09, GD88, GB93, Gib80, Gib83, GR88a, GA91, GCP88, GK86, Gom89, GL99, GH15, GY98, GK85, Gri93, Gu90, GZ09, GHS12, GNLB14, GW96b, HK07, Haa82, Had06, Hal89, HMA81, HH81, HH83, Han94, HL92, HH78, Hel93, HLL94, HLL96, HLGH98, HMW12, HP94, HMQD99, Hop84, Hop87, HZ05a, HO08, HSP16, Hua88, HV00, Ich76, IS12, IY12, IM05a, IM05b, IP06b, IT87, II97]. **Linear** [JLZ98, JL76, Jar93, JH14, JS81, JH00, Jou03, KC15, KP97, KH79a, KH79b, KKP85, Kan78, Kan82, KMP13, KY87a, Kha82, Kim78, KA06, KLV09, KZ00b, KT03b, KM86, Kom97, KL99, KS93, KS15, Kre87, KMR10, Kub85, Kum83, Kun82, KTV16, KS13, KM04, KS85c, Kwo80, Kwo91, Lag83a, LY91a, LY91b, LGP15, LY90, LD06, LB08, LK08, LR79a, LC01, Lev87, Li94a, LR03, LB00, LZ01, LM97b, Lin07, LNP00, LCS96, LLR01, LZ12, LW15c, LT97, LRT98, LR00b, LM02, LT03, LRT05, Lom12b, Lou02, Lou03, LT91, LT92, LB98, LDZ10, MP14, Mai03, MM79, MS87, MT78, Man81, MD89, MBC06, MBS13, MS05, MCS13, MNB12, McC76, Mee89, MS98, Mey77c, MZ97, Mil88, MR86, MSv86, MM11, MN77b, NE04, Nai87, Nak83, NC16, NS05]. **Linear** [NNSM08, Ngo09, Ngo11, NH12, NJD09, OT83, O'M76, Obe91, OW96, OM14, OC04, OS10b, Ouv78a, Ouv78b, PPZ13, PHL16, Pav84b, PPL09, Per81, Pet88, Pet02, PD92, Phi94, PK87, PRS08, PA93, PS87, Pro90, Pul93, Pul95, Pul96, QS13, QV13, RMB12, RRJ16, Rai99, RMZ02, RW97a, RT04, RNK91, RR85, RCS01, RN13, RC16, Ris86, Roc87, Roc89, RW90, RL78, RW92, Ros00c, Rud78, RZ93, SKS90, Sak83, SD98, SB80, Sch02, Set93, Sha88b, SP05, Da 16, SK94, Sny77, Sta93, Sta98a, Sta98b, SW12, SS03a, Sun81, SY14, Tad88, Tad93, Tak97, THA02, Tan03, Tan15, TZZ88, Ter94, Tod83, TF08, TF11, Tre89, Tsa78, Tse90, Tse93, TW03, Uch83, Ver97, VT95, VK81, VW95, Wac12, WD76, WC96a, WR00, WZ09, WS13b, Wir98]. **Linear** [Wir05, WORO00, WM12, WJZ12, XS96, YC06, Yam89, YZZ01, Yin99, Yon02, Yu15b, Zer05, ZP03b, Zha05, ZY08, ZLHZ12, Zha13, Zho84, ZK88, ZH05, Zho07, ZLD10, ZJ89, Zhu96, Zol78, Zua96, Zua98, van86, van98, vdW99, CCT05, CB15, Cur85a, HJZ12, Yon13]. **Linear-Exponential** [KLV09]. **Linear-Gaussian** [GNLB14]. **Linear-Quadratic** [AT96, BP14a, BL89, Bie95, Bis77a, BK83b, BKM14, CZ04b, DK05, Del86, DPD13, Gib83, GR88a, IY12, JS81, KZ00b, Kun82, KM04, LZ01, Roc87, RW90, YZZ01, Yu15b, Zhu96, Zol78, DMPD12]. **Linear-Quadratic-Gaussian** [GA91, Kum83, Kwo80, NH12, Rud78]. **Linearity** [PP00]. **Linearizable** [Hir90, KR85]. **Linearization** [ABKM96, BH96, BR87b, CLM91, HG92, KK92, NM08, Nie14, QLD01, TR02, XG89]. **Linearized** [ASK05, BB97, CRR12, Cor94, KGS11, MRV03, Mic01]. **Linearly** [Mau77]. **Liouville** [Far13, KS86, LL15]. **Lipschitz** [BFCLS97, BBT14, Cer01a, Dav07, DF98b, DS99b, GV03, Hag79, IPM10, JG99, LP10, Li94a, LK10, MS87, NT16, Rif00, Vin83b, Wol90, Ye00b]. **Lipschitz-Continuity** [Dav07]. **Lipschitz-Type** [JG99]. **Lipschitzian** [CV83, CV86, CC99, DH93, DH98b, ML13]. **Liquid** [KLM04]. **Liquidation** [GHQ15]. **Literature** [Iof78]. **LMI** [CdSBT09, GZSAB13, LHPT08, Lei01, TF08]. **LMI-Based** [Lei01]. **LMI-Relaxations** [LHPT08]. **LMIs** [AT00b]. **Loans** [ZZ09]. **Local** [AS03, AL12, ASR$^+$13, Bad09, BLJ15, Bea08, BLT15, BGR04, BP14b, Bia83, BGBPG04, BTW82, Bre86, BS06, CR11a, CRZ00, CV83, Col88, CVKB13, DDK10, DR79, Dun93, Fra87a, FHM84, FI98, GW84,

Gon87b, GCSB99, Her76, Her78, Her82, Her96, Iof79a, Iof79c, Iof79b, Jak86, Jou00a, Jou00b, Kha07, KC10, Kra09, Kre00, KP94a, LS00, LR92, LZ12, LZ16c, Mee89, MA03, NM08, NS86, PS11, RZ09, Sch88b, Sch88a, Stu86, Sus78, Sus83, Sus87a, WS90, ZL07]. **Localization** [FCMA09, PBPB15]. **Localizations** [SO13]. **Localized** [Caz14]. **Locally** [CSC14, Cor95, Gow89, Hir90, Ho90b, IPM10, Kha01, KK03, Liu97a, LL98, LK10, ML13, PTH88, PLSB14, Kre85]. **Location** [AHJM10, HH05]. **Locations** [WC91, WJE16]. **Lock** [Kam10]. **Lock-In** [Kam10]. **Locomotion** [CJM12]. **Locus** [BGH94, Tie14]. **Loève** [Dür98]. **Logarithm** [Ber98a, JH00]. **Logarithmic** [Tse93]. **Logic** [CW95, JK06, RW87a, WC96b]. **Logistic** [CGM98, Mor13]. **Lojasiewicz** [LXY14]. **Long** [AMP10, Bel00, Bor89, CLLP13, Cér00, FGL08, GR06, LZ13, PZ13, Rob81]. **Long-Run** [Bor89]. **Long-Term** [LZ13]. **Loop** [Bru76, CH96, Dav79, DS09, GSW89, Hin05, LRW96, MPS99, Ols02, Rei86, SY14, Zwa88a]. **Loss** [BET10, Cvi00, Lei06, Mor11]. **Losses** [GAP$^+$09, Lin14]. **Lossless** [CH05, EMH08, Gre92, PW02, RR12]. **Lost** [HT92]. **Lotka** [Pav13]. **Low** [BL05, HK06, KLR09, KS89b, LT97, LM02, LT03, Sch09, ZLD12, dOP03]. **Low-Gain** [KLR09, LT97, LM02, LT03]. **Low-Order** [BL05]. **Lower** [AKN00, Bal81, Bal82, Bal84, CZ04a, Fer81, Fra93, GWY14, HBS06, Iof77a, Iof77b, KTWY12, Kre78, Zha00]. **LPV** [BM03]. **LQ** [FG09, HZ05b, MPZ03, OCI00, SZ97]. **LQ-Control** [SZ97]. **LQG** [GMP00, Hua10, Opm07, PC00, UP02]. **LQR** [DJZ96]. **LS** [LL13]. **LTI** [BD01b, EOF07, MCWY14, SO06b]. **Luenberger** [And14, MPI07]. **Lur'e** [BGLT16, SL16, TBP14, ZP03a, ZP05, JM05, Pan98]. **Lyapunov** [AJPR14, AAA12, AZ97, Bad09, Bat07, BD11b, BB03, BCG86, CGW08, CL06a, CHL15, CLRS00, CB15, DRW10, Efi12, FPT15, Flo95, Flo97, GdOB02, GLK12, Goe13, GTSN13, HS11, HK88, KT03a, KT04, KT05, KK06, LW12, LSW96, LH14, Mao90, MBC06, MADF98, Mey89, MI15, ORW13, PB09, RM92, RS10, Rif00, Rif02, RK89, Sha10, SX14b, Son83, SW00, Tar90, Tsi91, Tsi92, Wir05, YD08, ZD14, ZK88, ZLD12]. **Lyapunov-Based** [Bat07, CHL15]. **Lyapunov-Like** [Flo95, RS10, Son83, GTSN13]. **Lyapunov-Type** [Sha10].

M [Kum88, Wac16]. **M-stationarity** [Wac16]. **Machine** [GL95]. **Machines** [CW95, FHH97, FHH99]. **Magnetic** [BCM13, MÖ14, WK13]. **Magnetohydrodynamic** [HPS07, Lef11]. **Magnetometer** [Zha08]. **Magnetostatic** [You13]. **Magnitude** [SDSÁR00]. **Mahony** [Mic01]. **Maintaining** [SNB09]. **Maintenance** [KM12a]. **Major** [BLP14, Hua10, NC13]. **Makers** [Sza95]. **Making** [Cha14, SZ95, VL78b]. **Malliavin** [GM05]. **Management** [BPS05, DL13a]. **Mangasarian** [dRdPR08, Gün95]. **Manifold** [CZ04a, GWY14, SM13]. **Manifolds** [AM14, BC95a, Bus84, DS89, Gro16, ISdCN99, LY12, SS09a, TC13]. **Manufacturing** [FZ98, GAM93, Son93, Zha95]. **Many** [CM02, Dol76b, GTT16, Kha95, Rot77b, Zas06]. **Map** [LF87, PY95, Was79]. **Mapping** [BP08b, BO01, JP01, Mey77d, ZI00]. **Mappings** [Ber77, BD77, GB86, JS86, MS97b, RS07b, SWY12, Tse00, Iof83]. **Maps** [ABB02, ER88, Fra87a, JL98, LL94, Pan13, PD79, RW97a, Yam88, vdSR11]. **Margin** [Heu15, VT95]. **Marginal** [GTT16, Mik15, HU78b]. **marginales** [HU78b]. **Marked** [CF13]. **Market** [AX05,

EQ95, GG09, KLSX91, SYZ12, ZSM10]. **Marketing** [SZ95]. **Markets** [AX02, CLHH05, Cvi00, GGP14, TZ10]. **Markov** [KS99b, ABB01, Alm01, Alm08, AS91, AG97a, ABFG+93, BBK00, BV82, Bor83, Bor84, Bor89, Bor94, Bor00a, BMT01, Bor07, Bud03, BLS12, CFN06, Can84, CC96, ÇR14, CCHP12, CTT16, CP13a, CH13, CK89, CdV02, CD03, CdVF05, CD08, CD10, CD12, CDP16, DR06, DS99a, DS07, DC99, DPR13, DPDS98, EP08, EDM05, FB01, GGF09, GG09, Goo76, Gor15, GL97c, GC05, GHS12, GHZ15, GNLB14, HJ13, HJ15, HYZ11, HLL94, HLL96, HLGH98, HLVAC99, HLGHLM03, HW99, HW05, HP14, Ich16, JV06, Jas02, JR06b, KA06, Koe79, KB99, Küe07, Kum08, Kur89, KS98b, Lei87, MSVA09, NC16, PZ11, Piu15, PRHL06, PRHL08, Ris94, Rod82, Rot77a, SRM16, SSO13, Sîr15, Sza95, TZ07, TLPA00, TF11, VA03, VZ16, WZ12a, XUP08]. **Markov** [YD03, Yu15a, Yus97, Zar92, Zha09, ZES12, Zit14]. **Markov-Chain** [Zar92]. **Markov-Modulated** [JR06b]. **Markovian** [BP05, ENJP88, FP99, FMSV16, FR05, FC05, GHQ15, HLZ15, Koe90, LD06, LK08, LM84, Lou94, MBS13, MC91, OM14, TF08, WC96b, Xie12, ZSM10]. **markovien** [LM84]. **Markowitz** [ZY03]. **Martingale** [KLSX91, MT03, ML12, Ouv78b, Sîr14a, Zit14]. **Martingales** [BK80, Dav76a, Gen13, GM05]. **Mass** [ATV13, BJO09, CZ98, CCS13, CM98, Guo01, HZ95, MD15]. **Mass-Spring** [MD15]. **Matching** [AK02b, DI86, Hui92, Kot94, KM12b, MPC91, Pet85, SWP91, Sta93, TY00]. **Material** [Lid15]. **Materials** [CNS10, CD15]. **Mathematical** [Aus84, BF93, DvdS98, HT10, Hua88, IK11a, Ols76a, Out00, SS99b]. **Matrices** [All88, AW90, AMZ04, BC02b, BSS12, Cam76, CNS10, CLYL13, CDL85, CH05, Emr80a, FV95, HPW83, Hug16, Jar93, JL98, LF87, Lom13, NZ99, WS87, vW84]. **Matrix** [All88, AW90, BHPM04, BM06, Bis83, BGMS78, BK83b, CFNG10a, CCHP12, Cob10, DC06, Fle85, FV95, FO98, GGF09, JS81, Kha82, KRW04, Kra93, Lou15, LT91, MN77a, MCWY14, Nur06, Pav80, PD97, Pet88, RR92, Sha85, Sha86, ST90, Sul94, Sul98, TR01, YMH94]. **Matrix-Valued** [JS81, Nur06]. **Matroid** [Mur89]. **Matroid-Theoretic** [Mur89]. **Matroids** [Mur87]. **Maturity** [CCS13]. **Max** [AGL08, ABB12, BN97, DZ88, DGKL10, DM15, FM00, FEBL13, GP82, HS91, Mat76, McC09, McE04, Qu14, GBCG98]. **Max-Plus** [AGL08, DGKL10, McC09, McE04, Qu14, DM15]. **Max-Plus-Based** [FM00]. **Maxima** [McE09]. **Maximal** [Bau09, CYL96, CYL97b, ES09, GBBT78, GW15, Kre77b, OvS00, Tse00, ZGS99, vH10]. **Maximally** [BHM14, GHJ00]. **Maximization** [BC12, CS87, DY13, EK09, Heu15, Kan78, KLSX91, KW00, ST14, SYZ12]. **Maximizations** [Bor77]. **Maximizing** [GCB06, HOPS87, IK95, TZ10]. **Maximum** [Aih92, AB93, AA97, AKP05, AK15, AK04, BDM07, BDR02, BM90, BCS15, BZ99a, Bon86, BT13, CK95, CP98, CF05, Cla76b, CV87, Col82a, DYZ12, DM13b, DM06, DPDS98, EK97, ET12, FM12, Fat94, Fra87b, FO16, GJ11, Gra99, HPW10, Hau78b, Hau87, HY95, HJ16, HCM05, HWX09, Jar93, KHJ14, KRT11, LS00, LT13, Lou03, MS04a, MS96, ØS10a, OL77, Pen90, Pop97, Rus88, Sag13, Sor98, Tad93, Tan98, VP88, WWX13, War76a, ZES12]. **Maxmin** [Win82]. **MaxWeight** [Mey09]. **Maxwell** [Kap94, Kim90, Lag89, Nic00, Rus86a, Wec00, WS13b]. **Mayer** [Ang76, CFS15, DV83, FT13, PS11]. **McKean** [Ahm07, SC16]. **McMillan** [MH78]. **McShane** [BF89a]. **MDP's** [CS87]. **MDS** [Hut09]. **Mean** [ACCD12, Ahu16, BP14a, BCY15, CM16,

CLLP13, CD13b, CMT03, DM83, FC05, GZ12, GV16, GHZ15, Kub85, LZL02, LM16, Lim05, Liu11, LW15d, MTT08, NC16, NC13, TFL14, WZ12a, Wee03, XZ07, Yon13, ZY03]. **Mean-Field** [BP14a, CD13b, GV16, LM16, Yon13]. **Mean-Variance** [LZL02, Lim05, MTT08, XZ07, ZY03]. **Means** [AT00a, BM11, Cor95, DR97, HMQD99, Kar06, Kar11, Mur87, Zha00, Zuy16]. **Measurable** [CP00, Iof78, Now85, VW90, Wag77, YZ16]. **Measure** [AK15, BG13, BD77, BS09b, BCS13, CCK12, CCK13, CK14, CSC14, GY13, HSZ15, HR83a, KPV14, KTV16, KS84b, MT03, PV13, Sag15, HR83b]. **Measure-Valued** [BS09b, BCS13]. **Measurement** [AC06, CGM14, CMA08b, EÖ88, GVL12, IS14, MP14, Sto91b, Sto92, WC81]. **Measurement-Based** [GVL12]. **Measurements** [AD96, Bat07, CFRV98, DJ13, GY98, HM09, KP94b, LO15, NR97, RV05]. **Measures** [AS13, AT82, BG05, CDDP11, FP03, GN02, Gai04, HN00, LHPT08, NS12, Ped98, Zit14]. **Measuring** [DV04]. **mécaniques** [Bon84]. **Mechanical** [AST05, Bul01, Bul02, CCC16, CMOZ02, CM03b, KM97, LM97a, LAN04, MDB05, MLYF02, NL08, RR13, SS09b, Bon84]. **Mechanics** [Bra09, BR93]. **Mechanism** [RM92]. **Media** [DKL09, DES09, FB98, KMM07, LI00, Nic00]. **Medium** [Kim91, Sta15]. **Membranes** [LV97]. **Memoriam** [BHJ83a, BHJ83b]. **Memory** [ACS00a, BCT10, YY08]. **Merit** [PQ98]. **Mesh** [BSZ08, DHV00, Dun00, KS92, Lau99, MP11a, Vol00]. **Mesh-Dependent** [Dun00]. **Mesh-Independence** [Vol00]. **Meshes** [ARS09a]. **Messages** [Ols14]. **Method** [AGL08, AB03, ABAC10, BP88b, BS13a, BZ15b, BB97, BGR90, Ber92a, Ber98c, Bis78a, BM00c, BFL16, BHL12, BS00, BLS05b, BK08, Cal09, CGW01, CGW08, Cha10, Che96, CZ99, CZ10, CLT06, CMT11, DZ91, DGQ13, DS99b, DHV00, DKRV13, Dor90, Dun80b, Dun96, DS01, Ega08, FB98, Flo97, GPB91, GMM91, GY11, GS11, IY12, IK90, IK04, ID87, Jar93, KB81, KS92, KS95, Kiw89, Kob77, KW87a, KY92, LC80, LR10, Mai08, McC09, McE07, McE09, MK10, Mey83, Mil06, MOF77, MNS91, Nag95, NP82, Nym94, PT87, PT08, Phe85, Phe86, PMH92, PYM93, QC95, Qu14, Sag15, SWY12, Sch79, Sîr14b, Sîr15, Sla03, SS99c, Ste11, Sva11, TD94, Trö99, Tse00, Vog90, VZ97b, Vol00, Wac07, Wat79, WŽ07, XZ15, YK91, ZBA13, ZC91]. **Method** [dG06]. **Methodology** [CW08]. **Methods** [ACCD12, ADK08, AB02b, Aus99, BD01a, BB78, BLW07, Bau09, BKR00, BKS10, BGR04, Ber76, Ber82b, BE87, BHT87, Bis77b, Bis78b, BTW82, Bon89, CY99, CDG15, Com00, CP04, DA02, DK05, Dav79, Dor86, Dun86, Dun91, Dun93, ES09, FK99, FB08, GL76, GB84a, Gho86a, Gho88, GD88, GGP02, GLK12, GK11, HZ07, Her80, HK01, IK96b, IK10, IK11b, IST96, ISdCN99, Jam91, KLSX91, KS87b, Kiw96a, Kiw96b, Kiw97, KB76, KKV11, KP94a, Kus78b, KH81a, Kus90, KM91, KM96, KVA96, Kus13, LS99a, LP87, LT92, Mar84, McE04, MV07a, NNTD14, Pol88, Ros84b, ST96, SY09, SYZ13, TF08, Tse90, UU00, VC03, VW02, Wei05, Wri89, WM12, Yu13, Gho86b]. **Metric** [ADG$^+$11, BFP08, BZ96, BQ99, CG00b, FGS93, GB84a, Han77, IM08, IM10, LM00, Phe85, QV13, Sha88a, Bac79]. **Metrics** [BBG12, BF05, BR08, JSV05, Qiu13]. **métrique** [Bac79]. **Metropolis** [GM93]. **Metropolis-Type** [GM93]. **MHD** [GK06]. **Microstructures** [Toa11]. **Microswimmers** [WK13]. **Mild** [HMR15, Tri77, Tri80]. **Miljutin** [Iof79c].

Milyutin [IK08]. **MIMO** [GZ13, SKD99, Yin99]. **Min** [ABB12, BN97, DZ88, GP82, Mat76, PLSB14, FEBL13]. **Min-** [PLSB14]. **Min-Max** [ABB12, BN97, GP82, Mat76]. **Mindlin** [AZ08]. **Minima** [BF93, DR97, DR79, NZ03, Stu86, SW99]. **Minimal** [BS80, BS86, BP88a, BRS14, Bis83, BFZ10, Bon85, Bd95, BS09a, Câr93, Cla76b, CMW06, Col12, DC88, Fer97b, Fra82, GCR09, GBCG98, HT92, IK11b, Jah85, LG09, LF87, Pen13, RRR16, Ste04, TKH10, WZ12c, WZ98, dBMS10, GB84b]. **Minimality** [Fei76, Lom12a, Zaf03]. **Minimally** [YADF09]. **Minimax** [AG88, AR99a, ABR00, Bar93, BJ95, CHL82, GTHLHR02, HP87, HK94, LA96, Now85, PMH92, Pol88, Stu15, UP99, UP02, Vin05]. **Minimax-Optimal** [HK94]. **minimisation** [CL78]. **Minimization** [Ber76, BT03a, BL91, CCC16, DC10, DH12, Dun80b, ENW95, FKT86, GL76, Gül91, HLVAC99, HK06, IST96, Kiw89, Kiw97, KT03b, LT92, Man85, MNS91, Pfl86, Pre96, Tad97, UUH99, Ver97, YF97, Zag00, CL78]. **Minimizers** [CM10a, CP02, CM05, Mar02, Mon94, PV14, RZ14]. **Minimizing** [Alv00, BZ15a, BM94, CNP98, Cvi00, DK89a, GG09, Gli12, HOPS87, Jar93, KN13, PW84, PQ98, Sha92, Wee03]. **Minimum** [AC13, ACS00b, AKN00, BEK89, Bar89, BF90a, BP07a, BA15, Bor84, CD13a, CC04, Car12, CP98, CN10, CP16, Cra99, DPZ91, DS89, DO14, GL99, Guo94a, HBS06, Iof79a, Iof79c, Iof79b, Kur89, Kwo91, LM13a, MS03, NC16, Ovs14, PS13, PLK89, SK86, SSL11, VG95, VP15, ZTC16, Bac79]. **Minimum-Time** [Bar89, LM13a, Ovs14, SSL11]. **Minisum** [CHL82]. **Minor** [BLP14, NH12, NC13]. **Minorization** [DS07]. **Mismatched** [Yan93]. **Miss** [Ben76]. **Mitter** [CYL97a]. **Mixed** [AG88, ANR08, AR00, CRZ00, CK03, CdP10, DO14, GPS95, GV00, GY11, Ham06, KMM11, KN14a, KKS93, MS11, NH12, NR15, RT07, SDV97, Szn95, Tib11, TV02, Ye00b, Yon10, Zei94, dlRT07]. **Mixed-Strategy** [AG88]. **Mixing** [Liu08, Sîr14a, TYW11]. **Mixture** [CD15]. **Mobile** [AK02a, AA92, DH09, FFP+09, For77, Gal79, Kha01, ZM13]. **MOC** [Gui13]. **Modal** [Bal78, CS84, Gib81]. **Mode** [EDM05, FEBL13, Kan00, KP04, PKL13, POU11, SZX16]. **Model** [ASK05, ACL09, AMS96, AD08, AGS13, ALR99, AM15, BHM99, BGRW88, BN81, BRS14, Bel00, BD11b, BGHR16, BDRR98, BHHE03, BK14, CK02, CSB15, CG87b, CK03, CTZ03, Chr78, CCS13, CM07, CP82, CRV09, DD99, DXG15, DL13a, DK13, DWZ+16, DH12, Enq04, FLJ13, FCGO05, FS10, GO14, HL16, Heu15, Hua88, Hui92, Imm07, IK02b, Kha07, Kot94, KL16, KM12b, Kus78a, Ma09, MZ07, Mey77a, MPC91, MZ09, Mor13, NP82, PB96, PP10, PP14a, Ray10, Ris94, SWP91, SZ10, SN82, Sta93, Tam80, Win78, WRGA14, Xia11, XC03, YYH+16, YG95, ZCGT10, ZHC06, ZES12, ZY03, Zhu92, BR87a]. **Model-Based** [YYH+16]. **Modeled** [DMS12, LLC11]. **Modeling** [CDKP87, Hei88, Kus14, LXY16, MM04, MPN98, MÖ14, SSW15, VS14, WP98, Zer05]. **Modelling** [LS02, Sch92c]. **Models** [BP88a, BB08, BG09, Ber95, BT98, BK80, BL09, BL11, CFT12, ÇR14, CS12b, CJM12, DK13, DI86, DPDS98, Gom89, GLT95, GN03, HSD97, HSZ15, HW05, ITT04, KBDK03, LYZ15, MMN09, Mor11, Nag03, NLPT09, PT09b, PM85, PO00, SD98, SK95, VP87, XUP08, Zar92, Zar94]. **Modes** [EÖ88, GHZ98, Mur89]. **modification** [Loi88]. **Modifications** [Beh79]. **Modified** [Che84, DKL09, Dun86, LMPR09, ST96, Tse00]. **Modular** [RW87a]. **Modulated** [AJ12, GG09, JR06b]. **Module** [Kam76, WS87]. **Modules** [ISW00]. **Moduli** [KY87a]. **Modulo** [Jou03]. **Mollifier** [ENW95]. **Moment**

[AHS13, BRT15, CEK03, HLT08, RS07a, SI00, SI03, SRS15, ZWYJ14, MNC14]. **Moments** [BL08b, Ham82]. **Momentum** [Sto04]. **Monge** [BS03, Sto04]. **Monodomain** [BK14]. **Monotone** [AS13, ABK14, ABAC10, AS11, Bar85c, BLW07, Bau09, BHM14, Ber77, BCM12a, BC16, BQ99, CH94, DDK12, Day09, Dol79, ES09, FP89, LT91, Mai08, Mai13, MD89, Roc76, SW11, Shi88, ST96, Tse00, Shi90, BBC03, KS84a]. **Monotonicity** [Ahu16, FK99]. **Monster** [AFLO08, Fit79]. **Monte** [CCHP12, KK76, Kus78b, KY92, YK91]. **Moore** [BH00]. **Mordukhovich** [Sd10]. **Moreau** [CP16]. **Morphological** [Lor08, Lor10]. **Morse** [BLPdD15, Li07, LW12]. **Mortensen** [BK83a]. **Mosco** [Cou00]. **Motion** [AC02, DHPD00, GJZ10, GL95, GH12, HP09b, JP15, Shr81]. **Motions** [DMPD12, Eno94b, HPS03, MM80b, Mor10, Van92, Vig97]. **Motivated** [SW12]. **Moving** [ABB12, BC81, CCM14, CP13b, HPS03, Kha95, KN03, MRR13, Mur92]. **Moving-Horizon** [ABB12]. **MPC** [Grü09, GPSW10, NNTD14]. **MR** [AW90, Ber88, Col85, Cou83, Cur85a, FR82a, Flå95, GK95, GRC82, Kum88, Mos82a, Pen88, Shi90, SC81, ZZ94]. **Multi** [CS84, GB93, HPT07, KK79, LMA07a, LMA07b, Mai03, NS05, RJME09, Rud78, Sta79, SC80, Tal05]. **Multi-Agent** [HPT07, LMA07a, LMA07b, RJME09, Rud78]. **Multi-Input** [GB93, Tal05, Mai03]. **Multi-Modal** [CS84]. **Multi-Output** [GB93]. **Multi-Pair** [SC80]. **Multi-Parameter** [KK79]. **Multi-Perturbations** [NS05]. **Multi-Rate** [Sta79]. **Multiagent** [APGC16, Cha11, CLYL13, LO15, LLX11, Ma09, MSJ15, SJ13, WZ12a]. **Multiagents** [LLC11]. **Multiarmed** [MR90]. **Multichain** [HLGH98]. **Multichained** [Jam14]. **Multiclass** [KM96, MSS96, Mey01, Mey03]. **Multiconnected** [Gla05]. **Multicontrol** [DF94]. **Multidimensional** [AN15a, AN15b, BGM05, BH13, BTBT88, BK16, BCS13, CG13, DGW10, FV98, FYZ07, GQ11, GW09, GZ14b, HL16, KT03c, LZ12, Obe06, Obe09, RKL16, SO13, SBBV15, TZK11, WORO00, WSR04, Yan14, ZL02, Zer05, BG88, WHC03]. **Multidirectional** [AN06]. **MultiDomains** [FR14]. **Multifunctions** [Art89a]. **Multigrid** [ABV13, BKK02]. **Multilayer** [ÖH14]. **Multilayered** [KMM07]. **Multilevel** [SZ95]. **Multimodularity** [dWvS00]. **Multiobjective** [BJ04, BK13, CZ01, GAHL09, Gui13, KWY08, Zhu00]. **multipair** [SC81]. **Multiphase** [BKP14, BV14]. **MultiPhoton** [SZX16]. **Multiplayer** [HM14, MYAS09]. **Multiple** [AD96, Bou13, CGM14, DHP09, ES81a, EOF07, HPS03, LYZ15, LZ16b, Lid13, ML13, MBL00, MS05, NMI15, OVS08, PVZ09, PIH14, SX14b, ZLD10, dG06, CL06a]. **Multiples** [WGK11]. **Multiplicative** [DMS02, FCG16, Hop87, IST96, Kha03, LZ16b, ZHC06]. **Multiplicity** [GGP02]. **Multiplier** [AK15, Ber76, Bus84, CLdRdP11, Fer97a, HK06, KK76, Oss01, War78a, Ye00b]. **Multipliers** [Flå92, PV04, RW78, RT06, RT07, Rus76, Sch15a, Thi97, Tre99, War86, Flå95]. **Multiprocesses** [CV89a, CV89b]. **Multirate** [CQ05, MS05, TZZ88]. **Multiresolution** [HP14]. **Multiresponse** [Lee86]. **Multiscale** [CLAL13, CSA+13, GN02]. **Multistable** [Efi12]. **Multistage** [O'N76, Ols76b, Ols76a, Ols76c]. **Multistate** [BC89, CDCCMG04, DF94]. **Multitarget** [CDDP11]. **Multivalued** [TBP14, ZI00]. **Multivariable** [BS86, DH84, Fra77, GBo97, GHJ00, LT03, ÖT90, SK86, WD76, WHB92]. **Multivariate**

[BC12, CM92, IS14, LP85, OT94]. **Mutual** [Yan93].

N [FCGIP06]. **N-1** [FCGIP06]. **Nagumo** [BK14, CRT15]. **Nakagiri** [Cou83]. **Nakra** [ÖH14]. **Nash** [BL89, BK13, BCR04, HK13, Hua10, KDB15, LK11, NPvS13, NC13, Pap81, Pap86b, Uch78, Uch79]. **Navier** [HW14, Bad09, BT11a, BRS11, BD11a, Bar12, BFCLS97, BB97, CMR07, CC16, Cau13, CRR12, DI94, DRT11, FGB95, FCGIP06, FGH98, FGH05, GK98, GM99, GM00, Hin05, HY97a, HY97b, HR98, KC10, NR15, PS06, Ray06, Sla03, Ton03, Wac07, Wan02, dlRT07]. **Near** [ABK14, CK78, CL94, Dun79, Tie14, WZY06, Zho98]. **Near-Best** [CL94]. **Near-Controllability** [Tie14]. **Near-Monotone** [ABK14]. **Near-Optimal** [Zho98]. **Near-Optimality** [Zho98]. **Nearest** [GL92]. **Nearly** [CE11, KR87b, KR88, O'M76, Pic93, RS93, Tie14, YD03]. **nécessaires** [HU78a]. **Necessary** [AX97, AX02, AR99b, BM00a, Bah08, Bar81, BJ04, Ber84, BBV13, BO14, BDP14, Bro87, CM10b, Cha87a, CH99, Chr77, DO14, Emr82, Eng10, Fra84, FT13, Fuj86, GP05, Gil77, Iof79a, Iof79c, Iof79b, KWY08, KN14a, LLS90, LS98, LY91c, LR96, Man81, Mic80, MW02, Muñ00, Pom09, RW94, SV97, Stu86, TWY90, TL94, Urs82, VL78b, WS90, War76b, War84, Ye95, ZZ88, ZZ15, Zho93, Zho98, Zhu00, dRdPR08, HU78a]. **Necessity** [Pet85, Rya94, Zei94]. **Needle** [BK03]. **Negative** [AMR14, CP13b, ET12, HHPY16, KN14b, LYZ15, RR12]. **Neglecting** [DPV00]. **Negotiation** [ZBA13]. **Nehari** [BMS05, CO05]. **Nested** [Bis83, MPZ03, O'N76, Tam80]. **Network** [AA92, BE87, BHT87, BFPB13, DH09, FFP$^+$09, GL11, KM96, MS92, NJD09, PBPB15, SPJ15, TBT90, XLL08, dBLR14]. **Networked** [AHS13, GCC07, GMCL10, HM09, Lin14, LFH15, MT09a, RRJ16, YYH$^+$16]. **Networks** [BGP09, Bor83, BGL11, BCP09, BCF12, CM16, Cha14, Cha05, CGHS09, CSA$^+$13, CR11b, Dág04, Dol76a, Dol76b, DB12, FFR14, FCMA09, GDL11, HFY14, HLZ15, Izm96, LLS93, LM13a, Les12, Leu99, LS02, LW15b, LLC11, LH11, LZH$^+$16, MK90, Mey01, Mey03, MB12, NL08, PR14, SS09b, Sch92c, SN82, VZ09, WM10, YCY13, YCLK13, YLYC15, ZM13, ZM14]. **Neumann** [CM06, CRV09, EH10, HK13, HR98, KMR10, LT89, LI00, MR04b, Rus86a, Tib11, WL95]. **Neural** [YCY13]. **Neutral** [BFP11, JL76, MERD02, MVZ$^+$09, MW04, NBF16, OT83, OVS08, RS07a, RL78, Sha10, SO06a, SRS15, Yam89]. **Neutral-Type** [RS07a, SO06a, SRS15]. **Nevanlinna** [BL00b, GK87b, Rot96]. **Newton** [HT10, Trö99, ADG$^+$11, AS11, Ber82b, BC98, BTW82, BSZ08, CDG15, DHV00, DKRV13, Dun80b, IK10, IK11b, KS87b, KS95, KKV11, Lau99, Mai13, PMH92, Sac85, UU00]. **Newton-like** [Mai13, AS11]. **Newtonian** [Ara14, LG07]. **Nicolson** [MV11, vDHV15]. **Nilpotent** [BBG12, Her86]. **No** [LZL02, NOV03, VL78b, Wil77b, AW90, Ber88, Col85, Cou83, Cur85a, FR82a, Flå95, GK95, GRC82, Kum88, Mos82a, Pen88, Shi90, SC81, Sun82, ZZ94]. **No-Regret** [NOV03]. **No-Shorting** [LZL02]. **Nodes** [LH11]. **Noise** [Ahu16, ALP10a, ACW83, AW83, BC96a, BD11a, BN97, BR13, Bor93, Bor10, BHHE03, Cér00, CMT03, Cur76, DS87, DMS02, DF98d, DK86, FG09, FCG16, FP89, GM13, Hop87, KS84b, KR87b, KR88, Kus89, Kus14, Kwo91, LZ16b, MM00, MNC14, MNC16, MZ97, Tes92, Tud90, VP15, Zha98, ZHC06, Zha08, dOP03]. **Noise-Driven** [Kus89]. **Noise-to-State** [MNC14, MNC16]. **Noises** [HZ05a, IS12, IS14, LR00a, WWX13]. **Noisy** [Bat07, CFZ10, HM09, MS07a, SSK02, WFH13]. **Non** [BP05, CPS06, CGR96,

Cer01a, GHQ15, HO01, Cla86, Lob70, Lob76, Qua80, GX04, WW02, ZL01].
Non-Gaussian [CGR96, HO01].
Non-Lipschitz [Cer01a]. **Non-Markovian** [BP05, GHQ15]. **Non-Zenoness** [CPS06].
Nonautonomous
[AFT91, AT96, Had06, MN77a, MN77b, Mor79, Reb77, Sch02, Tal91]. **Nonclassical** [MT09a]. **Noncoercive**
[Bal01, CP02, CM96b, Cra99, Mar02].
Noncoincidence [JT11].
Noncommutative
[BGM05, Cur11, Cur13, Cla86].
Noncompact [Fat97, Hag02, HS87].
Nonconservative [LT89, Sle78].
Nonconstant [And88]. **Noncontrollability** [GV00]. **Noncontrollable** [BK83b].
Nonconvergence [BIP88]. **Nonconvex**
[AM95, Bal77, Bal81, Bal01, CDCCMG04, CP02, CN05, Cra99, DFM15, DPT04, Eke77, FBP99, FBJM14, GCB06, LZ96, Mar02, Mat98, Mor95, Rin09, Sag15, Tol16, Tre99, UUH99, Vil04, VZ97a, Vin14].
Noncooperative [BS04, Whi80b].
Nondegenerate
[AB12, ABK14, AKP05, DS87, FP96, Qua80].
Nondeterministic [KS97b, SK95].
NonDifferentiable
[dBLR14, Aus84, Cha82, GM91a, MS85, PMW83, PM85, War78a, War78b].
NonDissipative [CCW14, Gue03, LLR01].
Nondominated [DK13, ES81a].
Nonergodic [BCL04]. **Nonexistence** [Lou07]. **Nonexpansive**
[ABB02, CQ15, QR11]. **Nonexponentially** [BMS05]. **Nonholonomic** [BC95a, BC98, BDK00, CdLdDM02, KM97, Liu97b, Zuy16].
Nonhomogeneous [HYZ11, Kim91, WC91].
Nonhyperbolic [Kre00]. **Nonidentical** [LH11]. **Noninteracting** [Ha88, NS86].
Noninteraction [Bat95, Wag91].
Noninterior [HK06]. **Nonisolated** [CC02, Cza04b]. **NonLevel** [RZ14].
Nonlinear
[Aey85, Ahm83, AX96, AX97, AC06, Ahm07, AG97a, AM98, And14, ABH98, AAS02, AZ97, BM00a, BT11a, BCD02, BHM99, BK82, BL83, BRR90, BB89, Bar82, Bar83, Bar88, BD02, BR87b, BLT15, Ber02, BBK00, BF05, Bla76, BGBPG04, BJ02, BFZ10, Bon91, BK95, BT13, BBE99, BLP14, BK98, BK99, BK00, Bus84, BLZ94, CGM14, CZ95a, CL02, CFN06, CFN07, CGM98, CD89, CR11a, CGLM02, Car15, CSC14, Cér00, Cer07, Cha77, CE98, CMC81, CYL96, CYL97a, CYL97b, CCF07, Che76, CY94, CK78, CE11, CV86, CBdN08, CA09, CdSBT09, DDK10, DM13a, DS87, DCBT88, DL13b, DHV98, DI86, DGM89, DG79, DG85, DBS05, DCI07, Dol76b, DH93, Don96, DH98b, DFCGBZ02, DM02b, EK85, EF09, Efi12, ET15, Eva13, FK99, FM94, FT77].
Nonlinear
[Fle82, FM00, FKN96, FK83, Flo99, FT89, FGT95, Fon89, FM08, FB12, FP11b, FJ83, Fri84, FO16, Fuj80b, FS10, FHM84, GLZ04, GB82b, GK94, GT77, GP98, GT93, Gra05, GZSAB13, Gra81, Gra82, Gra07, GH15, GL05, GV05, Gri93, GKLW14, Grü98, GN03, Grü09, GPSW10, GH96, GZ13, Ha88, HT11, HK78, Ham82, HS15, HZB13, HT12, Her91, HSV00, Hir76, Hir79, Hir81, Hir86, HD87, HD88, HMQD99, HNv92, Hui92, HMA97, IRT07, IPM10, IK95, IK96b, Ito96, IR00, IK04, Jak80, Jak86, JS90, JB96, JSV05, Jay10, JQ97, JR93, Jou03, KK92, Kan98a, Kan98b, KK16, Ka'77, Kaw01, Kno77, KS00, Kot94, KL16, KR85, KL02, KX02, KK03, KX04, KP94a, KY92, Las98, LHPT08, LMMR15, Laz88, LMJ09]. **Nonlinear**
[Lev87, LXZ11, LL13, LFM07, Liu95a, LZ06, LK11, Liu13, Liu14b, LLM15, LMR97, MRL12, MM79, MPI07, Mar84, MR15, MRv94, MB16, MP94, MNB11, MADF98, McE04, Mey77c, MSR01, MM80b, Mil96, MN03, MPC91, Mot95, MR96, MS07b, MS10, Nag95, NS91, Nai95, NLPT09, New00, New07, Nih83, NS86, NC13, Oht08, PB99a,

PZ04, PT09a, Pep14, Pet04, PAS00, PU15, Phe91, PP00, PT09b, PK95, Pon09, Poo96, Pop95, PR07, PMI06, QLD01, Reb77, RRS14, RT06, Ros84a, RZ09, RS07b, Rub95, Sak02, Sch79, Sei87, SC16, Sha88a, SI00, SI03, SD13, SDSÁR00, SD15, Sor96, Ste08, Sto91a, Stu15, SZZ97, TP05, TA81, TR02, Tal05, Tan00, TG12, Tib85, Tod83, Tsi91, Tsi92, UU00, UY79, VM00, VC03, Vin80, Vin93, Viv03, Vog90, VS14]. **Nonlinear** [Wag91, WC89, Wat79, WR14, Wil77a, WRGA14, XG89, YMH94, YL10, YK91, YW12, YW07, YY05, YY08, ZA10, Zha98, ZC06, ZZS14, ZL01, ZL07, Zua90, Zd83, dOP03, vH10, vRM98, van82, Cla86, GK95, JS91, Kum88, Lob70, Lob76]. **Nonlinearities** [LR00b, TBP14]. **Nonlinearity** [GQ11, MMK86]. **Nonlocal** [CM06, CR11a, CLLP13, CM10a, DG14, DKS+11, FCLZ16, FR78b, FRS16, GKLW14, MPT06, MY09, Muñ00, RS15b]. **Nonminimal** [WHB92]. **Nonmonotone** [BL11, TBP14, ZI00]. **Nonnegative** [DT92, IST96, TD94, Val01, BGLT16]. **Nonnegativity** [Pre96]. **Nonoccurrence** [BC13, Zas06]. **Nonparametric** [Ban78a, Ban78b, HSV00, PO00]. **Nonpolyconvex** [CM05]. **Nonpositive** [GL06, SC06]. **nonquadratic** [You87]. **Nonqualified** [AT89]. **Nonrational** [OMS90]. **Nonregular** [Cel15, Hui92]. **Nonrobustness** [LRW96]. **Nonsequential** [AT92, AT94]. **Nonsingular** [Dun79, Emr80a, Sus87c]. **Nonsmooth** [AN06, ANR08, CDR08, CHN94, Che04, CDG15, CC90a, DF98c, Fra84, GCB06, GVL12, HU82, IST02, IK11a, JG99, JL98, JQ97, Kiw89, LL00b, LZ16c, MNS91, PZ94, QC95, Rya94, Sac85, Sd10, Stu86, WB87, War91, Wol12]. **Nonsquare** [Pet04]. **Nonstandard** [Pue09, van95]. **Nonstationary** [BRS11, KR15, McE95, NP82, Now89, PD92, Rot77a, Wac07, GR85b]. **Nonstrict** [Ste15]. **Nonswitching** [Gho88]. **Nonsymmetric** [BS15, VJ77]. **Nontangency** [BB03]. **Nontangency-Based** [BB03]. **Nonuniform** [DB12, KT03a, LL09, TSNvL08]. **Nonunique** [Bas77]. **Nonuniqueness** [Hen80]. **Nonviscous** [Cha09]. **Nonzero** [BCR04, HZ10a, HM14, Kum08, Kus07, Man04, Ols02, Top79, Uch78]. **Nonzero-Sum** [BCR04, HZ10a, HM14, Kus07, Man04, Ols02, Top79]. **Norm** [BDR94, CB15, DMS02, EÖSÖ98, FB08, GW76, HLG93, Khá93, Lin07, RK89, Set93, SK94, Szn93, WZ12c, BR87a, Mun07]. **Normal** [BF76b, CL87b, CC99, Cou00, KK92, Kan98a, Kan98b, KL02, LC05, Mee89, PY95, Pan13, PQ98, TR02, ZBB07]. **Normalized** [Rot77a]. **Norman** [Coh97a]. **Normed** [GK85]. **Note** [De 15, Bag81, Bau09, Ben78, Che81b, Dye77, FK91, Gib80, JL14, Lag88, Tri77, Tri80, Uch79]. **Notions** [Pet02]. **Novel** [LR10]. **NP** [BT97, BO14]. **NP-Hard** [BO14]. **NP-Hardness** [BT97]. **Nuclear** [BCM13, GO14]. **Null** [BBGBO14, CMP15, CSB15, Cor99, CGR10, FCLZ16, GCL15, Gue07, Ich07, KLM04, Leq13, MRR13, MRR16, MRV03, Mor98, MN08, PPZ13, PZ03, Rot77b, SB80, TZ09, UY79, Wan08, WD14, Zha01b, vN04]. **Nulling** [Ter94]. **Number** [BB94, BM94, BLP14, Dmi92, HK94, Sus79, vdW99]. **numbers** [Sav05]. **Numerical** [ACCD12, AM82, AI02, BB78, BI91, BV13a, BO16, BK13, BR07, CR06, CMR07, CMC81, CLT06, DS01, Gib83, GR88a, Grü96, JZ09b, Kno79, KW13, Kus90, KM91, Kus02, Kus04, Kus07, Kus13, MT94, MRVM00, McE07, RW08, SY09, WM12, dJ78, Qua80]. **Numerically** [GL97a]. **numérique** [Qua80]. **Nutrient** [GT07]. **Nutrient-Phytoplankton-Zooplankton-Fish** [GT07]. **Nyquist** [ZH05].

O [LF87]. **O.D.E.** [BM00c]. **Object** [Gad08, KK14]. **Objective** [ES81a, SDV97].

Objects [HK94, Lid13]. **Oblique** [Bar12, TZK11]. **Observability** [Aey81, AB03, AK99a, ASTT09, AMV07, Arm86, AF89, BCG84, CPS06, CDM90, CS84, CdV02, EZB11, GCL15, GK94, GK95, Kas13, Kha94, Kha95, KL99, LPS12, LM08, Lü13, Mar77, OMK84, PI99, Pet02, Phu01, RW94, Sei77, Son79, Tri76, Viv03, YZ16, Yao99, Yao00, Zha00, ZBB07, van82]. **Observable** [Ben81, Bv85, CE98, DH98a, HH83, HLR01, VZ16]. **Observation** [AQ05, BLR92, BS15, CG10, Che16, CC87, Cur84, Dág04, DR87, DR77, FCGO05, FP89, GZ05, GZ09, GG13, JZ04, KMM07, KS86, KS97b, KW85, Lü15, MSSZ88, Mil02, Ouv78a, PP14a, PW78, RS93, SM13, Sei77, Uch81, WWX13, WCG14, WJE16, WJZ12, YL12, Zha98]. **Observation-Innovation** [Uch81]. **Observations** [AS95, Bor00a, Bor07, CFN06, DJZ96, ENJP88, IK06, Kha95, KS93, Kwo80, McC76, MR97, New00, PS88, Rud78, TA81, YY05, YZ97, YDZ98, YLL+15, ZZWY10, dOP03]. **Observed** [AC13, AD98, BEK89, BÇS07, BÇMS+08, Bis82, CH99, Fle82, FP82, GP98, Hau82, JB96, Pic93, Tan98, TL09, UP02]. **Observer** [AP06, APA08, BBT14, CGM14, CW95, Cob12, CR13, FCG16, Fuj80a, GZSAB13, HM03, HMA81, HS15, Jam91, KX02, KX04, KGBS08, LHX12, MDB05, NT16, TBP14, XG89]. **Observer-Based** [BBT14, Cob12, CR13, FCG16, GZSAB13, KGBS08, MDB05]. **Observers** [And14, BA08, GK94, HZB13, Kim78, Kob83, KR85, KK03, KGS11, MPI07, MNB12, Phe91, SO13, TYW11, van98, GK95]. **Obstacle** [BT91, BL04, Che99, CCT05, CCT07, CFSGS15, Cos13, HW12, Sto97, Wac16]. **Obstructions** [BR01]. **Obtain** [RY95]. **Obtained** [Oht08]. **Occupation** [LHPT08]. **Occupational** [BG05, GN02, Gai04]. **Ocean** [FCGO05]. **Oceanography** [BB97]. **ODEs** [IK10, KT16, Zha13]. **off** [BF76a]. **Offers** [AX02]. **Olech** [CZ94]. **On-Line** [BBBM08, BSDR97]. **One** [AZ07, De 15, AL02, Bea08, BM09, BLT15, BBGBO14, BBT14, BRT15, Car96, CM10a, CCM14, CMP15, CW08, CRR12, CT04, CBdN08, CB15, CM03b, DF98b, DS99b, DWZ+16, EMH08, Ega08, FGGH15, Fu12, FT02, GCR09, Gha11, Gue07, GG13, HG90, HRW88, Han94, Ho90b, KB01, KBDK03, Kim91, Lis14, Liu14a, MRR16, Nag85, Nar84, NT16, OW00, Öze85, PZ04, RM98, Ros00a, SB94, TZK11, TY00, WC89, Wec82, WM10, WORO00, WY08, dOP03]. **One-** [AZ07]. **One-Dimensional** [De 15, AL02, Bea08, BM09, BLT15, BBGBO14, CW08, CT04, CBdN08, CB15, DWZ+16, FGGH15, FT02, GG13, HRW88, Han94, Ho90b, KB01, Kim91, Nag85, Nar84, OW00, TZK11, WC89, WM10, WORO00, dOP03, CCM14, Ega08, MRR16]. **One-Sided** [BBT14, DS99b, NT16, DF98b]. **One-Unit** [Öze85]. **One-Vector-Lossless** [EMH08]. **Ones** [Kha01]. **Online** [KDB15]. **Only** [ML13]. **onto** [CMK15]. **Open** [CH96, Dav79, GY12, HT92, LS02, Ols02, Rei86, SY14, ZCGT10, Zwa88a]. **Open-** [Ols02]. **Open-Loop** [CH96, Dav79, SY14, Zwa88a]. **Openness** [GB82b]. **Operating** [And88]. **Operation** [CM07]. **Operator** [Ach08, Ahm81, BH96, CG10, DL09, Die87, DM15, Fra80, GT14, GQ11, GX04, HH76, Hag05, HBS06, IM98, MP99, MT78, OCI00, ORW13, PPZ13, ZM14]. **Operator-Valued** [Ahm81]. **Operator-Vehicle** [ZM14]. **Operators** [AO15, BLW07, Bau09, BHM14, BFT96, BT03a, BHL10, BQ99, BR15b, BK08, CMV08, CFNG10a, Che16, CP04, CP76, CS86, DGJ93, Dol79, DMS02, ES09, Far13, FR78b, GO14, Hag02, HP94, Hop84, JZ99, JZ04, Jak86, Jun00, Kan82, KW85, LZM05, LB00, Liu14a, Lou15, Mai08, PS87, Roc76, Tri76, Urq05, Wei89, WZ77, WJZ12, ZKW99, ZH02]. **Opinion** [BHT10, MB12].

Opinion-Dependent [BHT10]. **Opposite** [Wim06]. **Optical** [BL03, Ito05, ZLHZ12]. **Optim** [AW90, Ber88, Col85, Cou83, Cur85a, FR82a, Flå95, GK95, GRC82, Mos82a, Pen88, Shi90, SC81, ZZ94]. **Optima** [HW03]. **Optimal** [AFT91, AS03, Ahm77, Ahm96, Ahm03, AC06, Ahm07, AGL08, AMP10, Alm01, Alv01, Alv04, AL08, AMR14, AQ05, AGJ+13, AP92, AX02, AX05, De 15, Ang76, ANS14, AO15, AOS16, Ant14, ARS09a, AMPR15, AR00, Ara12, Ara13, Ara14, AB05, AB10a, AB10b, AA97, AK04, AC79, AM15, BDM07, BP10, BP94, BRR02, Bal84, Bal94, BR87a, BCD02, Ban05, BW89, BI91, BL14, BBBM08, BB89, BLPdD15, Bar83, BD83, Bar88, Bar91, BF91, BP97, Bar97, BP88b, BDR94, BBC14, Bar93, BL96, BM90, Bay09a, BS16, BX12, BY14, BKR00, BMS15, Bel00, Ben76, Bv85, Ber92a, BK97b, Ber98b, BIK99, BZ99a, BL04, Ber89a, BS87, BH86, BV10, Bin76, BF90b, Bis76, Bis77a, Bis78a, BP07b, BM84, BV77, BK80, BCM12a, Bon86, BC89, BC95b]. **Optimal** [BZ99b, BH07, BJ10, BDP14, Bon91, BM13, BMT01, BK16, BKK02, BC05b, Bou08, BEI10, BF07, BT13, BL11, Bra09, BØ94, Bré79, Bre86, BP98a, BCS13, BR01, BF89b, BDDSV05, Bru76, BS13b, BN16, Bud03, BKM14, Bus84, CK95, Cal09, Cam76, CGM98, CD89, CF91, CN11, CFS15, CQ15, CLAL13, Car97a, Car97b, CJS08, Car90, CFH09, CD15, CT09, CK14, CT14, CRT15, CKL16, CLHH05, CO03b, Cer01a, Cer01b, CPY09, Cha87b, CE98, Cha14, CM81, CG87a, CG87b, Che04, CCT05, CS12b, CCHP12, CY12, CM96a, CH98, CJM12, CS02, CSZ13, CTZ03, CK78, Chr80, CSB88, CL86, CL87b, CV89a, CV89b, CV90, CW91, CN05, CdP10, CLdRdP11, CCS13, CFSGS15, CS15, CGHS09, CH78, Col88, CS89, CF13, CDP16, CR11b, DDK12]. **Optimal** [DG14, DI87, Da 87, DI93, DJLY09, DYZ12, DGSW14, DF96, DF98a, DFM15, De 11, De 92, De 83, De 00, DES09, DDS15, Del86, DMS03, DK13, DI94, DBC12, Di 91, DBS05, Die87, DHP09, DC10, DO14, Dok05, DE84, Don96, DH98b, DKS+11, DM13b, Du15, DQS16, DPDS98, Dun86, Dun96, Dun98, Dun00, DF98d, DJ98, DS01, DRDG08, EP08, ENJP88, Ell77, ED81, Eng10, Eno94b, FSH16, Fat94, FM94, Fat97, FGG10, FGG11, FP14, FT14, FL81, FGL08, Fis11, FP82, FSS87, FV89, FTV98, FTZ87, FR00, FR14, FB01, Fra03, Fra87b, FGGH15, FK76, FL80, FL82, FJ83, Fri84, Fri86, Fri87, FHY88, FRS16, FT04, FHT06, FHT09, FMT10, FO16, FN84, FGH98, FGH05, GKB00, GL97a, GR06, GQ09, Gal84, Gal00, GV03]. **Optimal** [GT07, GS94, GJP88, GAM93, GL13, GL06, Gib79, Gib81, Gib83, GR88a, Gil77, Gli12, GH14, GM05, Goe05, GWY14, GHZ14, Goo76, GS14, Goz91, GV05, GK06, Gri83, Gro16, Gu90, GM09, GM13, GQ11, GLS05, Gug07, Gug10, GAHL09, Gui13, GH96, GK98, GK11, GC05, GT08, GTT16, GYBL15, Hab02, HT11, HH76, HI84, Hal89, HS12a, HS12b, HL92, HAB78, Hau81b, Hau81a, Hau82, Hau87, HL90, HS95b, HYZ11, HH05, HS91, HMW12, HSW12, HSW15, HG02, HK94, HH08, HH10, HL11, HW12, HMMS13, HW14, Hin14, HK01, Hoe14, HS03, HMRR10, Hop87, HS96, HR98, HLP08, HPS03, HPT07, HZ10b, HJ16, HBS06, Ich11, Idc98, IT87, IK96b, IK02a, IK02b, IK04, Ito05, IK07b, IK10, IK14, JLZ98, JS12, JS81, KG80, KLS87]. **Optimal** [KN13, KS87b, KS92, KS95, Ken80, KS97a, Kha16, KWY08, KTWY12, KN14a, KA06, Kno76, Kno82, KS98a, Kog87, KT03b, KRS14, KM97, KKS93, KKV11, Kru00a, Kru00b, KR13, Kul93, Kum83, KG95, Kun82, KV07b, KLL10, KW13, KPV14, KTV16, KM04, KM07b, KS98b, KS99b, KR87b, KR88, Kus89, KR89, KY93, LS91a, LN10, LLS90, Las84, LS91b, LHPT08, Lau99, LW10, LS07, LI00, LS05b, LD06, LK08, LW07, LS99a, Lei06, LXY16,

Leu99, LS09, LYZ15, LR10, Lew80, LY91c, Li94a, LLMT02, LW14, LH87, LH88, LW11a, LM82a, LM82b, LS85a, LR92, Liu08, LR94, LT13, LS85b, LZ13, LM00, LR06, LMPR09, Lou02, Lou03, Lou07, LW11b, LSW14, MT09a, Mal97, Mal02, Mam14, MT03, MBL00, MRVM00, Mas08, MSBC08, MR79, Mat05, Mau77, MO02, MO04]. **Optimal** [McS89, Mee89, MV08a, MV08b, MV11, Men80a, Men80b, MR90, MS11, MP76b, MR04a, MR05, MPT06, MY09, ML12, MP11a, MP84, MT08, Mik15, Mil88, MS90, MSVA09, MS97a, MS04a, MW04, MZ09, Mor13, Mot95, MS10, MS96, MP07, Mur86, Nag03, NN90, NT95, NPR15, NP96, Now89, OP96, Ohs13, OS02, ØS10a, ØS12a, OS10b, OS12b, OS14, Osh06, ÖT90, Öze85, PS10a, PV15, PB96, Pap89, PLSB14, Pau08, PHL16, Pav84b, PT09a, Pen90, PW99, PU15, PVZ09, PRG16, Pic96, PV13, PP02, Pla80, PH92, PYM93, PZ13, PT06, PY96, Pul95, PV98, QV04, QR11, QV13, QN82, RRJ16, RRR16, RV00, Red79, RN13, RCA12, Ric77, Rin09, Ris86, RH06, RV87, RS15b, RW78, Roc87, Roc89, RW90, Rog07]. **Optimal** [RT03, RT06, RT07, RS93, SDV97, Sch88b, Sch88a, Sch09, Sch80a, Sch15b, SP96, SZ82, Sei88, SL98, Ser03, Shi88, Shi90, SB78, SLG84, SR97, SV97, Sim76, SI03, Smi90, Sok87, Sok88, Son86a, Son86b, SSZ11, SYZ12, Sta98b, Sta78, SV79, Ste07, Ste92, Sto91a, Sto04, Sus87b, Sus87c, Sus87d, Sza95, TST07, TCC$^+$15a, TZ07, THA02, TL94, Tan98, Tan03, TZK11, Tan15, TC13, Tes92, Tha86, Thi91, TD94, TLPA00, TKXP12, Tim14, Tol16, Ton03, Tre90, TS95, TFT11, Trö99, TFL14, Tud90, UMD88, UP99, Van92, VGBS13a, VGBS13b, VP07, VJ77, VL78a, Vin83a, Vin83b, VP88, VW90, Vin93, Vin05, Vrd16, Wac07, Wac12, Wac16, WD79, Wan00, Wan02, WW02, WW03, Wan08, WZ12b, WX13, WXZ15, Was79, WD07, WKS86, Wil77a]. **Optimal** [WP76, Wol12, Wri95, WT83, WCLC05, WY08, WJE16, XA93, Yan93, Yan95, Ye97, Yon93, Yon13, YDZ98, You13, Yu14, Yu15b, Zas95a, Zas95b, Zas97, Zas00, Zas06, Zei84, ZZ88, Zei94, ZCGT10, ZZ92, Zha01a, ZJ06, Zha13, ZZ15, Zha15, Zho92, Zho93, Zho98, Zhu92, Zhu96, Zhu00, Zol81, dlRT07, van87, vDHV15, EJ89, GR85a, GR85b, HS95a, KS84a, KS85a, Pen89, Qua80, Sei82, Tah92, ZZ94, Tah92, XB99]. **Optimal-Harvesting** [BCS13]. **Optimality** [AT89, ASZ02, AX97, ACT10, AR99b, ARS09b, Bah08, BLJ15, BJ04, BB09, BLS05a, BT96, BKK02, Bre85, BT03b, BT10, Bro87, CK02, Can84, CDCCMG04, CTU00, CM02, CT09, Chr77, CV83, CL86, DDT00, DMS03, Dun95, Dür98, FBJM14, FD87, FT13, FK96, FN84, GW84, Gfr06, GT93, GP79, GKLW14, GHS12, GHZ15, Han86, HM93, HHPY16, HLL94, HLL96, HLVAC99, Heu15, Hoe12, Hoe14, Ish88, IS02, Joh05, Khá93, KN14a, KK14, KR13, Kus78a, LLS90, LR00a, LS98, LY09, Mal97, MYP14, Mey09, Mic80, Mir86, MW02, Muñ00, NM10, Now08, Pap86a, PS00, PS11, PRHL06, QN82, RT03, RW08, Rot77a, Sar97, Sha84, SI00, SZ03, SZ96, Tib85, VM00, VL78b, Vin83a, WS90, WZY06, Yon10, Yus97]. **Optimality** [Zei01, Zho98, dWvS00, HU78a]. **Optimality-Conditions-Based** [KK14]. **optimisation** [CL78]. **Optimizability** [WR00]. **Optimization** [ADK08, AAC86, AG97a, ACT10, Ams13, ABV13, ANR08, AST05, Art89a, AB10b, Bal77, BBC03, BP12, BP04, BP06, Beh79, BJ04, BG09, BHOP14, BP13a, Ber84, Ber82b, BGHR16, BTW82, BRW05, BC96b, BC96c, BC96d, Bor78, BV14, BCP09, BS06, Bur91b, BJO09, BGL98, CL87a, CHN94, Cha87a, CH99, Che96, CHS87, CR93, CNP98, CM90, Com00, CC90a, CHP$^+$11, CB05, CC90b, DDH15, DG90, DDG12, Den97, DR08, DG89, DBS05, DH93, Dor86, Dor90, Doy94, Eke77, Enq04, EHS07, EGN85, FZ00, FFP$^+$09, Fer81, Fle85, FBJ09, FT89, FGT95, Fon89,

Fuj86, GB84a, GM91a, GM91b, GM93, GH86, GK87a, Gfr06, GR02, Gon94, GN03, GI04, GY12, GY13, GJN08, Han77, HJM07, HP96, HS87, HKL89, IST02, IZ00, IK08, Ish88]. **Optimization** [Izm96, JS86, JL98, JR93, Kar89, Khá93, KP04, Kiw96a, Kiw96b, KS07, Kry98, Kum88, KW13, KK76, Kus78b, KS85c, KY92, LM15, LY90, LB08, Lei87, LM13b, LNT02, LY01, LY02, LW15d, Man95, MNC16, Mat98, MV07a, MRV11, Mif77, Mil96, MR97, MS85, Nag03, Nov04, Now85, Nym94, PT87, PTH88, PT08, PHL16, Pen84, Pen98, PT13, PMW83, PM85, Pol88, PAH88, Qiu13, RV90, Rou86, RV93, Sac85, SS09a, Sch92b, Sch15a, Sch79, Sha84, SW11, SZ99, SZ03, Sd10, SDSÁR00, ST99, SS03b, Sto76, Szn95, Tan88, Tib11, TFL14, VW08, WK13, WWY06, WS13a, War78a, War82, War83, War84, War85, Wri89, Wri93, YM92, YMH94, YK91, Ye95, YL12, ZM11, ZA10, Zha09, dG06, CL78, Pen88]. **Optimization-Based** [GN03]. **Optimizing** [Fre99]. **Optimum** [AGN$^+$16, PZ94, Sag13]. **Option** [ASR$^+$13, Bay09b, BB06, BET07, CT06, DPZ93, GG09, JR06b, LS09]. **Options** [Ach05, Bou08, BL02, BL09, Ham06, HZ10a, HT10, ZCGT10]. **Orbit** [HO90a, ZTC16]. **orbites** [Bac79]. **orbits** [Bac79]. **Order** [ADK08, Ahm77, Alv00, ANS14, BS86, BP88a, BLJ15, BS16, BD11b, BV13a, Ber84, BH86, Ber89b, BDP14, BC16, BFL16, Bre85, BF13, Brü13, BL05, CD91, CFS15, CTU00, CM02, CT09, Cas12, CT14, CRT15, CHN94, Cha82, Cha87a, Che04, CZ10, CLYL13, CM96a, CC90a, CK89, DL06, Dun95, FG15, Fer05, Fra84, FT13, FNV10, FS10, GV00, Gfr06, GGH16, GT93, GRS00, GM11, HD11, Han86, HMV05, HK01, HU82, HU84, HL04, Hoe12, Hoe14, HM02, HN96, Iof79a, Iof79b, IK96a, KMM11, KN14a, Kim93a, Kre77b, KR13, LS98, LS00, Lew80, LXZ11, Liu14a, LM08, Mai13, MO02, MO04, MZ06, PKL13, Pen98, RT03, RZ93, Sak84, Sar97, SNB09, SFFC08, SO06a, ST09a, TKH10, Tri78, WL95, War84, War85, War86, War88, WCG14, WM10]. **Order** [XLL08, YL10, Zei01, Zha00, ZZS14, ZZ15]. **Orderability** [AR77]. **Orderable** [AR77, Rot77b]. **Orders** [WS95]. **Ordinary** [BR13, CM81, DE84, Kus79, LW11a, MA03, MR96, WL95, War85]. **Oriented** [Del04, HH08, HH10, CJM12]. **Ornstein** [FP03]. **Orthant** [Boo82, IST96, Sac97]. **Orthonormal** [Akç01, BVW00, HdHVW03, NHG99]. **Oscillating** [BDR02, BP13b, CZ04a, GJZ10, NPS15, Zuy16]. **Oscillations** [Art89b, Gra08, Hab02]. **Oscillator** [CSB88]. **Oscillatority** [EF09]. **Oscillators** [CC02, Cza04b, DB12, Gib80, KB16]. **Oscillatory** [Liu97c, MPS99]. **Oseen** [ZM11]. **Osmolovskii** [Iof79c]. **Other** [BL83, TBT90]. **Outer** [BLS05b, Com00, Da 14, GP79, VZ97b]. **Output** [AD08, APA08, AISW04, ABH98, BP88a, Ben81, BA84, CM91, CW08, CW03, Dew76, DCI07, DMS02, EG02, FG15, FK83, FIM09, GMCL10, GB86, GGF09, GB93, Gra88, Gu90, GCSB99, GG13, Had06, HG92, HS15, HRW06, HS13, HP96, HD87, HD88, Hir02, IP06a, IPM10, Jou03, Kob83, Kob84, KSW01, LK08, Lei01, LXZ11, LM97b, LZ06, Liu13, LF15, MT94, MPI07, MRv94, NMBM98, Obe06, OS10b, Por77, PC00, PS87, Ros92b, SW00, SIC00, TZZ88, TP95, Ter94, TG12, TF08, Wan91, WC96a, ZBB07, ZRS97]. **Output-Dependent** [ZBB07]. **Output-Feedback** [GMCL10, LXZ11, LZ06]. **Output-Induced** [LM97b]. **Output-Nulling** [Ter94]. **Outputs** [dFS15]. **Overlapping** [BRR02, HO97]. **Overtaking** [CHJ87, HL92]. **Ovulation** [CCS13].

P [BHJ83b, Kup85]. **Packet** [FZ09]. **Pair** [GL92, Kur89, SC80, Yu15b]. **Pairs** [CC02,

Cza04b, FV95, McN84, Por77, Wim06]. **Paper** [Bau09, Kum88]. **Papers** [Mar77]. **Parabolic** [Ach05, Ach08, AFT91, AT96, AX96, Aih92, ACS00b, AM89, AQ05, AR99a, ABR00, BT11a, BK84, BW89, Bar81, BS16, BBGBO14, BJ10, BK16, CT96, CMV08, CLAL13, Cas97, CCK13, CCT07, CGR10, Cur84, DI93, Dok05, DFCGBZ02, FM94, FCG06, Fri84, Fri87, GMM91, GW76, GT93, GHZ14, Gue07, Gue14, GK11, Hac79, HY95, Kha01, Kha03, KN77, Kno82, Kob84, KR13, KW85, KPV14, KS13, Lam87, LT83a, LT83b, Las84, LW07, Lis14, LZ12, Liu14a, LW15d, Lun91, Mar77, MRR16, Mas08, MV07a, MV08a, MV08b, MV11, MRV11, MZ06, MI15, Pan98, Pie79, Pop97, RZ98, RV87, RT03, SW78, SSW15, SZ82, Sok88, Sto97, TZ09, Trö99, Wan00, WW02, WD14, Was79, Whi79, Whi80a, WT83, Yu95, vDHV15, Cou83, Sei82]. **Paradox** [CGM11]. **Parallel** [AGS13, ABAC10, Fuh76, HL88, LY91a, Man95, MNS91, TBT90]. **Parameter** [AS88, Aih92, AD98, BBC81, BGRW88, BRR90, Bar83, BSDR97, BH99, BDRR98, BGH94, CZ95a, CD89, CG87a, CG87b, CP77, DJ95, Di 91, DPV00, DMPD94, EK97, FB98, Fuj80a, GPB91, GdOB02, GK85, HP10, IK90, KG80, KMP13, KK79, KN03, Kob76, Kob77, Kob78, Kob79, Kob83, Kob84, Kob88, KS85b, KK06, Kum82, KW85, KW87a, KS85c, Lam92, LY91c, MS90, PP10, Ped91, QN82, RY95, RV05, Reb88, Reb89, RT98, Ros84b, RW92, Sch83, Sok87, VW95, WHB92, WCJP04, Wir05, YD08, Yu95, ZGS99, Zhu96, JR06a, You87]. **Parameter-Dependent** [GK85, KK06, Lam92, YD08]. **Parameter-Varying** [Wir05]. **Parameterization** [Bay09a, Pon09]. **Parameterizations** [BEL02, WHB92]. **Parameterized** [AT00b, PK95]. **Parameters** [Bag81, BL83, BM86, Bli04, Bou95, CZ99, Fla84, FB01, FC05, Gut90, KN77, KS85b, ML13, Mai03, Mao90, Mur92, Pap86b, Pet88, VS80, WZ12a, Yu95, Zar92, Cou83]. **Parametric** [BL00a, DXG15, DBC12, DKRV13, Kan78, KTWY12, KW13, KS13, KY92, LDZ10, MP94, Poo96, SDSÁR00, YK91]. **Parametrically** [BRT15]. **Parametrization** [Bar85a, GD88, Obe91, PTY07, SO13, Wim94, Wim06]. **Parametrizations** [HO97]. **Parametrized** [Art89a, KS99a, NH12, SB92, Sha94]. **Parentheses** [GX04]. **Pareto** [Eng10, GL06, MYP14, NOV03]. **Part** [LMA07a, LMA07b, Nai87, BC81, BK00, Car97a, Car97b, Che81a, CFNG10a, CFNG10b, Coh97a, Coh97b, Gho88, IM05a, IM05b, IT87, Kan98a, Kan98b, Kiw96a, Kiw96b, Kre87, Kru00a, Kru00b, MV08a, MV08b, Mey01, Mey03, MRP99a, MRP99b, Qua03a, Qua03b, Sha83a, Sha83b, SD13, SD15, TW03, VGBS13a, VGBS13b, Wac12, Zas95a, Zas95b, ZZ15]. **Partial** [Ahm77, BHM99, BK82, BTY11, BS15, BKR00, BH00, Bor00a, Bor07, BS13b, CA09, DR87, ENJP88, EÖSÖ98, Gev81, Gho86a, GZ05, HD11, Hau87, HSW12, HSW15, HH08, HH10, HO08, HWX09, Kam03, Kan82, KS97b, LT86, LXY16, LV97, Lü15, MTT08, MSSZ88, NN90, Nag95, Nie14, ØS12a, RS93, SL13, TZ07, TP95, XZ07, YT13, You13, Zho92, Zho93]. **Partially** [AC13, AD98, BC96a, BEK89, Bv85, BÇS07, BÇMS$^+$08, Bis82, BZ99b, BBE99, CE98, CH99, Fle82, FP82, GP98, Hau82, HLR01, JB96, Jam14, LR06, SKS90, Tan98, TL09, TBT90, UP02, VZ16]. **Particle** [BM09, CDDP11, DDS15]. **Particles** [GH12]. **Partitions** [BCF12]. **Partly** [Dre77, ZP03b]. **Parts** [KC10, vdSR11]. **Passage** [GH14, GHZ15]. **Passenger** [LMJ09]. **Passification** [GCC07]. **Passive** [DJ13, Flo99, SW12, WS13b]. **Passivity** [GCC07, Mac14]. **Passivity-Based** [Mac14].

Patch [Sei77]. **Patches** [RRR16]. **Patchy** [AB02c]. **Path** [AJPR14, GAP+09, GC05, HLVAC99, HK06, KN14b, PB99b, PZ14, Phi94, SYZ13, Tse93, WD07]. **Path-Complete** [AJPR14]. **Path-Dependent** [SYZ13]. **Path-Following** [GAP+09, HK06, Tse93]. **Pathological** [Bra98]. **Paths** [GW96a, ISdCN99]. **Pathwise** [BM07, DDT00, DS87, Kus89, PRHL08, Rog07]. **Patterns** [Chr80, NLW91]. **Payment** [AM15]. **Payments** [Pau08]. **Payoff** [GR05, HLL00, Kum08, MYAS09, MD13]. **Payoff-Based** [MYAS09]. **Payoffs** [BL11, BCR04, LK11]. **PDE** [BSB+97, GGM01, Kre00, MPT06, MP11a, Sto04, Stu15, TKXP12]. **PDE-Based** [BSB+97]. **PDE-Constrained** [MP11a]. **PDEs** [ABV13, Cas12, DGH09, EK09, GY11, IK96a, KS13, McE07, McE09, MK10, WM10]. **Peaking** [Tre86]. **Penalization** [Ber92a, Bur91a, Bur91b, CM81, PT13, SS99b]. **Penalized** [HR98, Lia15]. **Penalties** [BS11, DR79]. **Penalty** [Aus99, Ber76, Bon89, DG85, DG89, Gug10, KB76, KW87a, Laz88, Man85, MOF77, Ste11, Tse93, WK77]. **ARMAX** [CZ10]. **Consumption** [GGP14]. **Coordination** [CC90b]. **Depth** [ZVBR14]. **Luenberger** [AP06]. **Navier** [FRS16]. **Observable** [Bol80, Kal82]. **Observations** [Las95]. **Output** [BFT96, De 83, KM12b, NZ99, PD79, WS95, WSR04, Yam88, Zam98]. **Partial** [ZVBR14]. **Period** [Rus86b]. **Point** [DMPD98]. **Stochastic** [DQS16]. **Pencil** [Arm86, KS90b]. **Pendulum** [Ovs14]. **Perfect** [CM12, GH12, GNLB14]. **Perforated** [CDZ94]. **Performance** [AK99b, Bv85, Ber89b, BD01b, DDG12, FZ05, Fer97a, FB12, GL97a, GZ12, HW03, ILR10, JS12, KP04, LŻ11, LGZ13, MT09a, Mun07, WRGA14, ZCC07, ZGS99]. **Perimeter** [Ams13, BO16]. **Periodic** [ACL09, Alt09, AB10b, BM11, Bar97, BGMS78, BCG84, BCG86, CQ05, Col88, CW09, DI87, Da 87, FB08, FKT86, FHY88, GK87a, GL13, Gil77, GLT95, Hab02, IP06b, JLZ98, LW07, Lun91, LDZ10, MM80b, MS02, Nai95, NPS15, NvdPS10, Öze85, Rus86b, RZ93, Sha85, Sun96, Toa11, Tud90, UMD88, WS90, ZP03b, ZH02, ZH05, Zho07]. **Periodically** [CG00a, CG00b, THA02]. **Perpetual** [BL02, SPS04]. **Perron** [AD02, BS13a, BZ15b, Sîr14b, Sîr15]. **Persistence** [BC00]. **Persistency** [KNW95]. **Persistent** [LC01, MG13, MNC14, RY95, YADF09]. **Persistently** [CS10b, MCS13]. **Person** [BP12, CLS12, Kin84, LN82, PZ14, SS06, Top79, Uch78, Zha05, BP14a]. **Person-by-Person** [BP12]. **Perspective** [Bal82, GL95, OVS08, RJME09]. **Pertaining** [BA15]. **Perturbation** [AMP00, BB98, BF76a, CFNG10a, CFNG10b, CR93, DV83, FP02, FB08, FR14, Gli12, KK79, MM79, MS96, NS00, O'B79, Reb78, Sto97, TLC99, Zha95, ZGS99]. **Perturbation-Analysis-Based** [TLC99]. **Perturbations** [AB02b, AG97b, BG07, BK10, DD03, EAK86, FK76, Gra99, Gra81, Gra82, KK12, Kum13, NS91, NS05, Ped91, Sei87, Son93, Tud90, VT95, Yu14, Zol78]. **Perturbed** [AL02, Bin76, BC96b, BC96c, BC96d, CGW01, CK78, Cob10, CG92, CV86, CD12, DDG12, Don10, DMS02, DMS12, DF98d, Gai92, GN02, Gai04, GO11, Gra05, HM08, HL81, HP14, MSR01, MNS91, PB96, Pen84, Shi02, Tsa78, Vig97, Pen88]. **Petrov** [MV11]. **Phase** [AMP10, BSS93, BGHR16, BS06, BL03, FHY88, GBo97, HG90, Ich16, KBDK03, Sha85, Sha86, Vrd16, WW03, ZLHZ12]. **Phase-Field** [BS06, KBDK03, WW03]. **Phasor** [AJ12]. **Phenomena** [MN07]. **Phenomenon** [AA97, BC13, CM96a, Fer05, HH05, HM88, Zas06, Zol92]. **Physical** [DvdS98, EMP+16, Ovs14]. **Physically**

[SW12]. **Phytoplankton** [GT07]. **PI** [Kob88, LZ92]. **PI-Control** [LZ92]. **PI-Controller** [Kob88]. **Pick** [TR01, BL00b, GK87b, Rot96]. **Piecewise** [Alm01, BW88, BP07b, BG14, Can84, CD03, CD08, CD10, CDP16, DC99, ER88, FP89, Gor15, GH07, HD11, HL92, HM08, HY97a, JZ09b, Li95, Nik99, Pro90, TC14, Tod83, dBMS10]. **Piecewise-Affine** [BP07b]. **Piecewise-Constant** [Can84, Nik99]. **Piecewise-Deterministic** [CD03, DC99]. **Piecewise-Linear** [Tod83]. **Pieri** [HV00]. **Piezo** [VS14]. **Piezoelectric** [AGN$^+$16, CNS10, KMM07, MÖ14, Tuc96]. **Pinning** [YCY13, YCLK13]. **Pinning-Impulsive** [YCY13]. **Pipes** [CGHS09]. **Pitaevskii** [HMMS13]. **Placement** [EG02, Gho86a, HV00, KRW04, WC81]. **Planar** [AB10b, Bos02, BP98a, CS89, HT92, Joh05, LLS93, MRL12, NMBM98, OOS15, Pic96]. **Planck** [LB00]. **Plane** [CM06, HPS03, JR06a, Jer80, LR79b, Sus87b, Sus87c, Sus87d, YADF09]. **Planes** [Jer78]. **Planning** [ACCD12, BSVD84, FSS87, FZ98, GJZ10, JP15, Tam80, Zha95]. **Plant** [DC10, FLJ13]. **Plants** [BGMR94, NK94, Sch92a]. **Plasticity** [HMW12, Wac12]. **Plate** [ASTT09, GZ14b, MP07, OZ00, OZ03]. **Plates** [AL00, BF07, ET15, MY93, Rao98, ST99]. **Play** [ED81, GQ11, SS09b]. **Player** [BG98, BLP14, CS12a, HG90, Hua10, Var76, Vie00]. **Players** [AG95, AE95, Car96, NH12]. **Plus** [AGL08, DGKL10, FM00, McC09, McE04, Qu14, Cha10, DM15]. **Point** [AB93, Alm08, Beh79, Ber85, Bré79, BS00, BQ99, CDDP11, CZ98, CF13, DHX08, Del07, DHV98, DJZ96, DMPD94, Fat90, FK76, Gül91, Ha90, HZ07, HZ95, ISdCN99, Jar93, KT00, Kha01, KRW04, Kin84, KS86, Kre00, KW87a, LS91a, LS99a, LY12, Liu88, LAN04, Luq84, Mai08, MD15, Mey77d, MS97b, Roc76, SVBZ09, SS03b, Stu15, Sun96, SZZ97, Uch78, Uch79, UU00, VA03, Wan00, Wei05, Whi82, YZ97, YDZ98, ZCGT10, Ber88, UUH99, ZL01]. **Point-to-Set** [Mey77d]. **Points** [AP92, Bia83, Bor77, DG90, DS09, Fra87b, Grü98, HD87, Ho93, HPT07, KZ00a, Kaw01, MP76a, Mik15, Per81, Red79, Rot77b, Ste13, SY14, Top79, TFL14, WCLC05, Yan96, ZZ88, Zei92]. **Pointwise** [AT00a, Cas86, Cas93, Con90, FT13, GHZ14, HH10, HY95, KS95, Kha94, KN14a, KR13, LW15d, MRV11, MR04b, RV05, RT03, RT06, RT07, UUH99, UU00, Wol12, ZZ15]. **Poisson** [AM15, BP07a, BB09, BLS05a, BPR04, CD03, KR04, LMMR15]. **Pol** [LHX12]. **Polarization** [CNS10]. **Pole** [Ari98, EG02, FR78a, Gho86a, HRW06, HV00, KRW04, KP04, LH87, LDZ10, RRW96, Ros92b, Wan94, WCCL04, WC81, WORO00, FR82a]. **Pole-Clustering** [KP04]. **Pole-Zero** [LH87]. **Poles** [BFP11, CPW88]. **Policies** [Ahm77, BP10, BLS12, Can84, CS12b, DS01, FP11a, GHS12, GYBL15, Ken80, KA06, Kru00a, Kru00b, KR89, Mey09, Rot77a]. **Policy** [BB09, BLS05a, BK16, FPD08, Kur89, McC09, NF13, SR04, SZ10]. **Polling** [AK02a]. **Polyconvex** [CM05, LSW14]. **Polygonal** [AMPR15, KLL10, Wol12]. **Polygons** [GCB06, LN10]. **Polyhedra** [ID87]. **Polyhedral** [AAA12]. **Polyhedrality** [MW78]. **Polyhedric** [BZ99b]. **Polyhedron** [Dun95, Dun98]. **Polynomial** [AN15b, CGR96, CP82, DM89, ER88, Emr80a, EH80, Emr80b, HHLP16, KHJ14, Lom13, MBC06, NMBM98, RS10, Son79, Zer05]. **Polynomial-Exponential** [Zer05]. **Polynomials** [BO01, Lou15]. **Polytopes** [vTY99]. **Polytopic** [YD08]. **Pontryagin** [AK04, BZ99a, Bon86, BC95b, BDP14, BT13, Cas97, CRZ00, GJ11, HY95, KRT11, MS96, RZ98, Sag13]. **Poor** [Rud78].

Population [EK93, Fra03, Hua10, LXY16, WZ12a]. **Porous** [Sta15]. **Port** [MM04, Mac14, SZ10, VS14, vdSM13]. **Port-Hamiltonian** [vdSM13, Mac14, VS14]. **Portfolio** [BC11, BPS05, BR07, DH12, Heu15, HZ05b, KLS87, KK02, KS07, LZL02, Nag03, OS02, Xia11, XZ07, ZSM10, ZY03]. **Portfolios** [ML12]. **Portrait** [Sha85, Sha86]. **Ports** [DZ76]. **Posed** [Cur03, CO05, GK86, Kob77, LT03, LRT05, Log13, Lü15, RZ06, Sta98a, Sta98b, TW03, Vog90, Zol81, CT06, CW06, WW02]. **Posedness** [ABL13, BH07, BEL02, CM03a, CSZ13, GT14, GZ09, IZ00, Lü15, Smi90, VS80, WZ09, WCG14, Zas00, Vil04]. **Positioning** [HS96]. **Positive** [All88, AW90, AI02, BA08, BGMR94, Boo82, CP13b, DG90, FM12, FCJ14, FV11, Hew93, NS05, NNSM08, OM14, OMK84, OT94, PPL09, Sac97, ZCGT10, van98]. **Positively** [RG14]. **Positivity** [Mic80, Ngo09, RV09, Sch89]. **Possessing** [MC91]. **Possible** [AJ77, CLG12]. **Post** [PT08]. **Post-Treatment** [PT08]. **Posteriori** [KRS14]. **Potential** [BM09, Caz14, FY76, Yu14]. **Potentials** [CFRV98, CFSGS15, CS15, DE14]. **pour** [HU78a]. **Power** [Ahm77, BM84, DV04, DB12, FGT95, LXY14, MPN98, POU11, SI03]. **Power-Fractional** [POU11]. **Powers** [AO15]. **Practical** [BM09, LZ06, MS04b, YL10]. **Prato** [JLZ98]. **Precision** [KK14, Sch79, WCLC05]. **Preconditioners** [NM10]. **Predicted** [Ben76]. **Prediction** [GH14, KH69, LY91b, Sei77, Wei77]. **Prediction-Correction** [KH69, Wei77]. **Predictive** [CK02, CK03, DXG15, PGB14, WRGA14, YYH+16]. **Predictor** [SZZ97]. **Predictor-Corrector** [SZZ97]. **Predictors** [Kar11]. **Preprocessing** [New00]. **Prescribed** [BFZ00, IRT07, ILR10]. **Prescribing** [GH12]. **Presence** [AK02a, Amm02, DC10, GAP+09, Gra08, LFH15, LM02, LZ13]. **Preservation** [EMP+16, Pep16, TFL14]. **Preserving** [BHT10, PH92, RV09]. **Pressure** [KC10]. **Preview** [MT09b]. **Price** [CFH09]. **Prices** [AC79, CSZ13, CT06, KR04, KMZ98, SZ04]. **Pricing** [BET07, Bou08, CS12b, DPZ93, EQ95, GG09, HL16, JR06b, SS06]. **Primal** [BLW07, BIK99, GV05, IK04, IK07a, KB76, LR79b, Wri95]. **Primal-Dual** [BLW07, BIK99, GV05, IK04, IK07a, Wri95]. **Prime** [ABH98, MRv94]. **Princess** [AFLO08, Fit79]. **Principal** [CP82, II97, ISW00, Ohs13]. **Principle** [AC13, AA97, AKP05, AK15, AK04, BDM07, BEK89, BM90, BY13, BZ10, BCS15, BZ99a, Bon86, BC95b, BT11b, CK95, Cas97, CRZ00, CP98, CF05, CS05, Cla76b, CV87, Cob12, Col82a, CI77, Dav76b, DS89, DM13b, DM06, DQS16, Dun91, Dun93, FM12, Fat94, Fra87b, FO16, GP05, GJ11, Gra99, GT09, GW09, GJN08, HPW10, Hau78b, Hau87, HY95, HJ16, HCM05, HWX09, KRT11, Kre77b, Lau99, LS00, Liu11, LT13, Lou03, Ma92, MD15, MS97a, MS04a, MS96, Muñ00, OL77, PP14a, Pen90, Pop97, Qiu13, RZ98, Ris94, Rya98, Sch80a, Sor98, SS03a, Ste08, Tad93, Tan98, VP88, War76a, WY08, Yon10, ZES12, CL06a, BT13, Hua10, Sag13]. **Principles** [AISW04, IZ00, Lev01, MAG11, MW02, ØS10a, WWX13]. **Priori** [Don96, GHZ14, KMR10, LW15d, McE95, MV08a, MV08b, MV11, MRV11, PV13, RV05, VL78b]. **Prioritized** [SK95]. **Priority** [SPBF10]. **Pritchard** [van95]. **Probabilistic** [CD13b, Cha14, CZA08, DXG15, HMR15, Jam91, Pla80]. **Probabilistic-Variational** [Jam91]. **Probabilities** [BA15, DK89a, HL81, JN06, Küe07, She85]. **Probability** [BG98, BD02, BZ15a, BZ15b, Bis77b, HO01, Kam10, Sny77]. **Problem** [Ach05, Ach08, ACCD12, Agr95, AAC86,

Alp95, AKN00, AM95, Amm02, AJK14, ANS14, AO15, AOS16, AB05, ABK14, AKP05, BB98, BD15, Bal01, BMS05, BKP90, BK84, BD83, BT91, Bar91, Bar94, Bar95b, BP97, Bar89, Bar85c, BE13, BX12, BY14, BZ15b, BB92, BMS15, BB07, BB97, Bel00, BGR07, BE95, BF76a, BS87, Ber98c, Bie95, BO16, BRW05, Bon85, Bon91, BCM13, BK16, BCS13, BK83b, Buc92, BP98b, BN16, Bud03, BR07, BGL11, BS00, BLS05b, BL03, BS03, BJO09, BGL98, CD13a, CGM98, CC04, CFS15, Car97a, Car97b, CGS00, CDCCMG08, Cas86, CMR07, CC16, Cau13, CZ94, CZ95b, CP98, Cel02a, Cer01b, CPY09, Che99, CCT07, CY12, CHJ15, CH98, CH09, CF14, CY94, CMK15, CSZ13, Chr77, Cla76a]. **Problem** [CL06b, CT06, CP95, Cra99, CO05, Da 87, DD92, DA02, DF96, DF98a, DFM15, Del86, DMS03, Die87, DC88, DHP09, DV83, DF94, DF98c, DMS12, Dup03, Fab08, FG09, FP02, Far13, FP08, FL81, FKT86, FH94, FT77, Fla84, FSS87, FTZ87, Fra77, FT13, FL80, FL82, FHY88, FN84, Fuj86, GKB00, GGP14, GPS95, GR88a, Gli12, GLD$^+$91, GY11, GP94, Goz91, GHQ15, Gri83, Gro16, GAHL09, GI02, GK98, GM99, GM00, GY13, Hal89, HLG93, HZ10a, HT92, HS12a, HS12b, HAB78, Hel76, Her91, HK94, HP09a, HT10, HMRR10, HQZ16, HY97a, HR98, HLP08, HS09, HZ10b, HJ16, Hui92, Idc98, IY12, Iof76, IT87, JL93, JS81, Kan78, Ka'77, KM12a, Kaw01, KS97a, KTWY12, KLV09, Koe90, KKS93, Kot94, KL16, KS86]. **Problem** [Kru00a, Kun82, KW85, KW87b, KW13, Kus78a, Kwo80, Kwo91, LT83a, Las84, LW10, LS07, Lee86, LMA07a, LMA07b, LP79b, LR96, LMPR09, Lou02, Lou07, LSW14, LT91, Mam14, MPZ03, MRVM00, MBS13, Men80a, Men80b, MR90, MS11, MT08, Mik15, Mor10, MS07b, MP07, Nic00, NS86, O'M76, Ols76b, Ols76c, Osh06, Pan98, Pav84a, Pie79, PS11, PS13, PS87, Pue09, PPZ06, RS07a, RN13, RH06, RW78, RT03, RT06, RW92, Rus86a, Rzy09, SM13, SKD99, SBBV15, Sch80a, Ser03, Sha85, SB94, SSK02, SC06, SS89, Sta93, Sta15, SZ96, Ste13, Ste15, Ste92, Sto91b, Sto92, Tad93, TST07, Tam80, THA02, Tan00, Tar85, Tes92, Ton03, Tre89, Tsi93, Tud90, TO15, Uch83, VP07, VG95, VT95, VK81, Wac16, Wan08, WZ12b, Wat79, Wec00]. **Problem** [Wee92, Wee05, Wee07, WHC03, Whi79, WY08, Yan14, YY05, YY08, ZZ92, Zer03, ZP03a, ZP05, Zhu92, Zhu96, ZRS97, Zhu00, Zol78, van86, van95, GR85a, Pen89, Qua80, You87, ZZ94]. **problème** [Pen89, Qua80]. **Problems** [AT89, AFT91, AT96, AGL08, AD98, AM89, AS91, Alv01, AMR14, ASTT09, Ama04, AQ05, AP92, De 15, Ang76, AMPR15, AR99b, AR00, AST05, AA97, AK15, AK04, AC79, Aub02, ABSP08, Bah08, Bal77, Bal82, BB78, BI91, BLPdD15, Bar78, Bar80b, Bar81, Bar82, Bar88, BF91, Bar85b, BP88b, BBC14, Bar93, BJ96, BM90, Beh79, BKS10, BTBT88, BG09, BHOP14, Ber92a, BT96, BK97b, Ber98b, BIK99, BL04, Ber82b, BE87, BHT87, BV10, Bin76, Bla97, BT97, BFZ10, BT03a, BCM12b, BZ99b, BH07, BS11, BDP14, BM13, BL91, BK13, BC16, BET10, BF07, BT13, BT03b, BT10, BR01, Bro87, BF89b, BDDSV05, BM07, BV14, BKM14, CT96, CLAL13, CHJ87, Car90, Car76, CDCCMG04, CD15, CF95, Cas97, CRZ00, CTU00, CM02]. **Problems** [CT09, CS10a, CGM11, CCK12, Cas12, CCK13, CT14, CKL16, CLHH05, Cat98, CO03b, CM10b, Cel15, CF05, Cér00, Cer01a, CQ05, Cha82, CE98, CHL82, CM81, Che04, CCT05, CM96a, CS02, CNP98, Cir14, CW91, CdP10, CB11, CS89, CV86, CM96b, CD80, CM05, DDK12, DG14, DPZ91, DK05, DGSW14, Dat80, Dav07, DHV98, DBC12, DR87, DG85, DJZ96, DGQ13, DO14, Dok05, DK78, DPV00, DHV00, DKS$^+$11, Du15, DM02b, DM04, DM06, Dun80b, Dun86, Dun96, Dun98, Dun00, DS01, Ega08, EÖ88, EH10, EGN85, FK99, Fag08, Far08, Far13,

Fat94, FM94, Fat97, FP08, FP14, FT14, FGL08, Fis11, Fla87, FBP99, FBJM14, FR14, FB01, Fra84, FK76, FP11b, FJ83, Fri84, FH88, FHT06, Fuj86, Fuj80b, FGH98, Gah94, GR06, GQ09]. **Problems** [Gal84, GV03, GW96a, Gen13, Gfr06, Gho86a, Gib79, GW76, GHZ98, Goe05, GT93, GWY14, GHZ14, Gow89, GL99, Gug10, Gui13, GH96, GK11, GT09, HK13, HT11, HK78, Hac79, HH76, HM76, Hag05, He87, HYZ11, HTY01, Her76, HLL96, Hoe12, HS87, HCM05, HWX09, HV00, IK96a, IK95, IK96b, IK02a, IK04, IK09, IK11a, IK11b, IS02, JQ97, KR80, Kar89, KZ00a, KS87b, KS92, KS95, KWY08, KN14a, KRW04, Kno79, Kno82, KN14b, Kog87, KRS14, KK02, KRT11, Kre78, KK06, Kru00a, Kru00b, KMR10, KR13, Kum13, KW87a, KPV14, KS13, KM04, KM07b, Kus89, Kus90, KM91, Kus13, LL00a, LLS90, LS91b, Lau99, LI00, LS05b, LS99a, LZ96, Leu99, Lew80, LLMT02, LW14, LH87, LH88, LRT96, Liu88, LNT02, LR97, Lóp12, Lóp13, Lor10]. **Problems** [LY01, LY02, LW15d, LB89, Ma92, Mai08, Mal02, MS87, Mar02, MBL00, Mas08, MR78, Mat05, Mau77, MP94, MO02, MRV13, MADF98, McE04, MD15, MV07a, MV08a, MV08b, MV11, MRV11, MS98, MP76b, Mey77b, MR04a, MR05, MP11a, MMN09, Mik12b, Mil96, Mir86, Mor11, Mot95, MS10, MNS91, MS96, Mur92, Mur86, MN08, MS85, Nag03, NR97, NT95, NPR15, Nic96, Nic97, NM10, Nov04, Now85, Nym94, PZ94, PT87, PT86, Ped91, PT09a, Pen90, PP14b, Pen84, Pen98, PL15, PT13, Phi94, PV13, PMW83, PMH92, PYM93, Pol88, PAH88, Poo96, Pop95, PA93, Pro90, PV98, Qua03a, Qua03b, Qui92, QR11, QV13, RR94, RV00, RV05, RZ98, Rob81, RW90, RT07, Ros84a, Rou86, RV93, RS93, Rus76, Sac85, Sag15, Sch09]. **Problems** [Sch79, SSW15, SP96, Sei88, SV97, Sim76, Sîr14a, SI03, SRS15, Sle78, Smi90, Sok87, Sok88, SS99c, ST02, ST09a, SSZ11, Son79, Sor93, SV79, SZ97, Ste07, SS03b, Ste11, Sto97, SZZ97, Tal91, Tan03, TD94, Tib85, Tib11, TKXP12, Tim14, Tol16, TY00, Tsa78, Tse90, TBT90, UU00, VS80, VC03, VW08, Vig97, VL78a, VW90, VZ97a, Vog90, Vrd16, Wac07, WL95, WX13, War76b, War78a, War82, War91, WZ94, WD07, Whi80a, WK77, Wri95, WT83, WCLC05, YF97, YMH94, Ye95, Ye97, Ye00a, YD03, Yon93, Yon13, YZ97, You13, Zas97, Zas00, Zas06, ZZ88, Zei94, Zei01, ZL02, Zha15, ZI00, ZL01, dRdPR08, dWvS00, vTY99, vDHV15, GR85a, GR85b, KS84a, KS85a, Pen88]. **Procedure** [Bol80, EMH08, Fis11, MP11b, vW84, GR85a, GR85b]. **Procedures** [RN13, War82]. **Process** [AB93, AG97a, BDR94, BV13a, BR15a, Bré79, CDDP11, CP16, DR06, GP98, GH07, Hau81b, Hau81a, IS14, KR04, Koe79, LS91a, Ric77, Rod82, Sza95, WS90]. **Processes** [ABB01, AC13, Alm01, Alm08, ABFG+93, AFO86, BP10, Ban78a, Ban78b, BB89, BA15, BR10, BV77, BL02, Bud03, Cam76, CH96, CZ10, CC88, CC94, CTT16, CP13a, CF13, CT06, CD03, CD08, CD10, CD12, CDP16, Cur76, DM83, Dav76a, DH09, DS99a, DS07, DC99, DPR13, Dun81, DRDG08, EP08, EK93, FP03, Goe13, Gor15, GW09, GHS12, GHZ15, Hag79, HJ13, HJ15, Hau78a, Hau81b, Hau81a, HHPY16, HLL94, HLL96, HLGH98, HLVAC99, HLGHLM03, HSV00, HP14, Ich11, JV06, KA06, KLV09, KB99, Kur89, KY93, Lag83b, LHS06, LP85, LLC11, Lou94, MM00, Maz94, Mik12a, NF13, ØS12a, Osh06, Pau08, Pav84a, PZ11, Piu15, RW87b, Rin09, Roy89, Rus88, SRM16, SX14a, Sha15, SSO13, She85, SVBZ09, TYW11, VZ16, VP88, WD79]. **Processes** [War78b, Wee05, Yu15a, Yus97, Zha09, Zhu92]. **Product** [Bar88, Pop95, Wan94]. **Production** [BSVD84, FSS87, FZ98, MZ09, New06, New07, SZ95, Tam80, YXJ11, Zha95]. **Production-Sales** [Tam80]. **Products**

[CLYL13]. **Program** [ALY13, HT10, Mey77c, MW78, Out00, HU78a]. **programme** [HU78a]. **Programming** [Alm01, ABB04, AA92, Aus84, Bar91, BY13, BR82, Ber77, Ber98c, Bor89, Bor00a, Bor07, BT11b, BN13, BF93, CSBC14, CF05, Cha77, Cha82, CS02, CV87, CV86, DHV98, DG79, DG85, DPR13, DQS16, ES81a, EK85, EQ95, EK09, FNA02, FT14, FL81, FGL08, Flå92, GR06, GQ09, GT77, GHZ98, GT90, GAHL09, GHS12, HS95b, Hen83, HLL94, HLL96, HLGH98, Ich79, IK11a, Kaw01, KA06, KB76, LC80, LP79a, LP81, MD89, MS98, MR96, Ols76b, Ols76a, Ols76c, PV04, Per81, Phi94, PH92, Pop97, RC16, RW87c, RW76, Roc87, SP02, ST02, ST09a, Sta93, TST07, Tak97, Tan15, Tse91, Tse93, TCC15b, VP87, VL78b, WZY09, WY08, YZZ01, Zit14, Flå95]. **Programs** [ANP83, AP94, BW88, CC13, CD80, FHM84, Gri86, HL88, HW99, Ish88, JG99, Jer80, KM07a, Laz88, Lep90, Li94a, Li95, LP87, LR79b, Liu95a, LB98, MM79, MS87, Mey77c, MOF77, O'N76, Poo96, PR07, Pul93, Pul95, Pul96, SS99b, Set93, Sha88a, SB92, Sha94, Zas95a, Zas95b]. **Projected** [Ber82b, Dun81, KS95, Ter94, Wir98]. **Projection** [BH86, BR15a, BK08, Dun91, Dun93, Dun96, Dun00, GB84a, KS92, Kiw96a, Kiw96b, Ouv78b, Phe85, Phe86, ST96, SS99c, TD94, WK77]. **Projection-Type** [ST96]. **Projections** [ID87, Phe85, Sha88a]. **Projective** [Bau09, ES09]. **Proof** [Bay09a, Bay09b, BO14, GŠZ05, GŠZ10, Tar90]. **Propagation** [BSS93, DES09, WGK11]. **Proper** [Bor77, DG90, NZ99, PK87, Zhu94]. **Properly** [Jah85]. **Properness** [Col88, Ros00b]. **Properties** [Ahm83, AGL08, AT92, AT94, ANP83, AB10a, AK15, BC00, BKK02, BD77, BHL12, BC02b, CD15, CG90, CDL85, CV90, CMW06, CS89, DMS02, DK85, FP11b, GBo97, GH15, GP82, HH76, Ham82, IK02a, IK09, JS84, KS89a, KH81b, KY87b, Lor87, MR15, Mat76, MR04a, MRP99b, Pan92, Pap89, PAS00, Rod82, SR04, Sha92, Sha15, Sha88a, Uch83, Whi80a, XA93, ZI00, Zho84, ZH02, ZY07]. **Property** [Alv00, AJ77, BBK00, CTT16, DS07, Guo02, LT13, SIC00, WXZ15, XG03, Zas97]. **Proportional** [BC12, CW08, EI13, OS02, Pau08, Ric77]. **Protection** [HS96]. **Protocols** [LFH15, Med12]. **Provably** [Bas91]. **Providing** [RS10]. **Proximal** [BS00, BQ99, BK08, CL87b, CP04, Gül91, Ha90, HZ07, ISdCN99, KT00, Kiw97, LY12, Luq84, Roc76, WZ98]. **Proximal-Projection** [BK08]. **Pseudo** [CTT16, Whi79, Whi80a, Yam88]. **Pseudo-Markov** [CTT16]. **Pseudo-Parabolic** [Whi79, Whi80a]. **Pseudo-Rational** [Yam88]. **Pseudocontractive** [SWY12]. **Pseudodifferential** [Ped91]. **Puiseux** [SCFV97]. **Pulse** [AJ12, KB16]. **Pulse-Coupled** [KB16]. **Pulse-Modulated** [AJ12]. **Pure** [DKR08, Hoe12]. **Pursuit** [Ber86, CQSP00, CLS97, Sor93, Sor98, Wen15, Yon88b, Zar84]. **Pursuit-Evasion** [Sor98, Wen15, Zar84]. **Put** [ASR+13, Bay09b].

Quadratic [AT96, ALY13, Alt09, BRR02, BI91, BP14a, BL89, Bie95, Bis76, Bis77a, BR93, BK83b, BP98b, BKM14, Cam76, CK98, CDCCMG08, CM81, CG87b, CLZ98, CZ00, CZ04b, DM02a, DL06, DI90, DD92, DK05, DDH15, Del86, Del07, DS09, DH12, DMS12, Du15, DPD13, FP08, FZ00, FS16, FB01, FHT06, GM91a, Gib83, GR88a, GA91, GM09, HP09a, HO08, Ich76, Ich82, IY12, IT87, JS81, KK92, KP04, KZ00b, KT03b, KMR10, Kum83, Kun82, KM04, Kwo80, Kwo91, LT83a, Lee86, LY90, LC80, Li95, LZ01, LP87, McE09, Mil88, NS00, NH12, OC04,

PB96, Pap81, Pap86b, Pic93, Pre96, PS87, RRJ16, RMZ02, Ris86, RX15, Roc87, RW90, RW92, Rud78, Sta98b, ST90, SY14, SIC00, Tan03, Tan15, Tre89, Tse93, Uch83, VK81]. **Quadratic** [WT98, WM12, YZZ01, Yon02, Yu15b, Zha05, Zhu96, Zol78, DMPD12, HJZ12, Yon13]. **Quadratization** [Car15]. **Qualification** [BC96b, BC96c, Gün95]. **Qualifications** [GT90]. **Qualitative** [BO16, Kha03, SQS09]. **quantitative** [Dai88]. **Quantization** [BMT01, New00]. **Quantized** [CB09, DJ13, FZ05, FCG16, JLR09, ZZ13, ZZWY10]. **Quantum** [BM09, BS09a, BVJ07, DAR15, DWZ+16, EMP+16, GVL12, IK09, LR10, MP14, MV07b, NJD09, Rav00, Zha08, ZLHZ12]. **Quasi** [Ama04, Ara14, BB09, BLS05a, BTW82, BD01b, CCT05, CB15, Cos13, FCGO05, Ish88, KMM07, KS87b, LR03, LP86, LZ12, Lou02, Lou03, PV04, PT06, Qiu13, Sac85, Wac12, ZJ06, ZY08, You87]. **Quasi-convex** [PV04]. **Quasi-Differentiable** [Ish88]. **Quasi-electrostatic** [KMM07]. **Quasi-geostrophic** [FCGO05]. **Quasi-Linear** [LR03, LZ12, Lou02, Lou03, ZY08, CCT05, CB15]. **Quasi-LTI** [BD01b]. **Quasi-Metrics** [Qiu13]. **Quasi-Newton** [BTW82, KS87b, Sac85]. **Quasi-Newtonian** [Ara14]. **Quasi-Optimal** [PT06]. **quasi-Riccati** [You87]. **Quasi-static** [Wac12]. **Quasi-Variational** [Ama04, BB09, LP86, ZJ06, BLS05a, Cos13]. **Quasiconvex** [JS86]. **Quasiconvexity** [Cha91]. **Quasidifferentiable** [Sha84]. **Quasilinear** [CF95, CT09, CGW10, CVKB13, GL11, HY95, Hu15, KY05, SZ82, TL06, You13]. **Quenched** [PZ04]. **Queueing** [BGL11, Dup03, KM96, MK90, MSS96, Mey01, Mey03]. **Queues** [CR93, KR89]. **Quickest** [BP07a, BL15, ZHSP14]. **Quinn** [Flo02]. **Quotients** [TP05].

R [Kum88]. **Rachford** [Sva11]. **Radar** [BL14]. **Radial** [KNW95]. **Radially** [ABB15, Kru00b]. **Radiation** [DKS+11, MPT06, MY09]. **Radii** [HP96, KHP06, NS05, TF11]. **Radio** [AK02a]. **Radius** [AJPR14, CLG12, CLMSR00, TG12, ZGS99]. **Rain** [BÇMS+08]. **Random** [Ahm81, BR10, BC12, Bis76, BHHE03, Bou93, Bou95, BK00, CK95, CC13, CSBC14, CPY09, DDH15, Dor86, Dor90, FCG16, HZ05b, Kus79, LS91a, LYZ15, LL94, MS92, MBS13, SZ04, SSZ11, TZ10, TL94, Tan03, Tan15, TYW11, Xie12, YT13, dFS15]. **Randomization** [MTS15]. **Randomized** [KS81, PL15, Piu15]. **Randomly** [CL11, FSS87, TYW11]. **Range** [Dun95, GBBT78, HBS06, Qua04, SNB09]. **Ranges** [AM82]. **Rank** [BRT15, CYL96, CYL97b, DGM89, MS02, ORW13, Tri76]. **Rao** [ÖH14]. **Rapid** [Art89b, Kom91, Kom97, Urq05, Ves13, Pen89]. **rapides** [Pen89]. **Rapidly** [BDR02, OPS87]. **Rate** [BK02, BGL11, Cha05, Che98, CC88, DY13, Dun81, Fre99, Ger92, KH81a, KY93, LS91a, LYZ15, LLX11, LR06, MCS13, McE09, MK10, PH92, Rin09, SDSÁR00, Sta79, WS13a]. **Rate-Controlled** [Cha05]. **Rate-Independent** [Rin09]. **Rate-Preserving** [PH92]. **Rates** [ACS00a, BA15, BPS05, CMA08b, CSC14, Col12, DK05, Dun79, Dun80a, Dun00, DJ98, FCJ14, Fu12, Heu94, KK02, KS15, Kus78b, KH79c, MT94, NE04, PZ11, Sac85, SY09, YZ97, ZC91]. **Rational** [AMZ04, BVW00, BGL98, CH05, FO98, HO01, JS81, NZ99, NvS09, NHG99, RKL16, TG13, WS92, WP98, Yam88]. **Rationally** [SRM16]. **Reach** [Bro10, BG14, HOPS87, ZCGT10]. **Reachability** [BFZ10, Col82b, EH80, FV11, GZ14a, KV02, KV06, NC16, OMK84, ÖL89, PI99, SC12, Yam89, Col85]. **Reachable** [BR88, Fra89, GO11, Kal82, KS89b, ŁS85b,

NS91, Sch86, Sei87, Vin80, Wec84, Wol90]. **Reachable/Observable** [Kal82]. **Reaching** [CMA08a, CMA08b, OPS87]. **Reaction** [Cer01a, CSB15, FA13, GV05, ITT04, Kha03, YCY13]. **Reaction-Diffusion** [Cer01a, CSB15, GV05, YCY13]. **Reactors** [Bd95, GCR09]. **Real** [BGMR94, CFZ10, DBS05, KMZ98, Mik12b, MR09, RR92, Ros92b, Sus87b, Sus87d, YY08, ZA10]. **Real-Time** [DBS05, MR09, ZA10]. **Real-Valued** [CFZ10]. **Realisation** [GCP88]. **Realizability** [EMP+16, OMK84]. **Realization** [Bor93, Bor10, FRZ93, FS10, GBCG98, Gon87a, Gri88, Kre87, KS90b, KW13, LF87, LP79b, LP85, ML13, NvS09, NPvS13, NLW91, Pav80, PD79, Por77, RR12, TKH10, Val01, WCLC05, dJ78, vW84]. **Realizations** [BA08, Bis83, Cro81, CI86, CC87, Fra82, GB86, Hel93, Hug16, Jak80, Jak86, MC91, NvS09, OMS90, OW93, Pan83, San96, Yam88, GB84b]. **Rearrangements** [BR88, SC12]. **Receding** [AK16, IK02a, IK06]. **Reciprocal** [MG13, San96]. **Recognition** [DF96, DF98a, Gad08]. **Recognizability** [BP02]. **Recognizing** [BSS12]. **Reconstruction** [AGJ+13, BDGR12, HN00]. **recours** [HU78a]. **Recourse** [Lep90, Ols76b, Ols76a, RW76, RW78, HU78a]. **Recovering** [XZ15]. **Recovery** [ZCC07]. **Rectangular** [LW11b, Zha13, ZC91]. **Recurrence** [AB10a, CL02, Ich11, SX14a, ZY09]. **Recursive** [APA08, BN81, Che84, FP02, GM91b, Ger92, Ger06, Guo94b, HJ16, LY91a, LY91b, MC12, WY08, YMH94, dJ78]. **Redheffer** [Van94]. **Reduce** [Ben76]. **Reduced** [GL76, Lom13, Sto04]. **Reduction** [BL14, BD11b, BF07, CM04, FS10, GK86, GO14, GHS92, Iof79a, KM97, KV07b, MN08, NFI15, Ohs13, SM13, XC03, ZHC06, ZJ89]. **Reductions** [BL05, BR87a]. **Reference** [BDRR98]. **Refined** [Mor95, Mur87]. **Refinement** [Sas14]. **Reflectance** [BDR02]. **Reflected** [Ser09, Shr81, TZK11, KS85a]. **Reflecting** [Ser03, SLG84]. **Reflection** [Bou08, TZK11]. **Reflexive** [DM83]. **Refraction** [HHPY16, LYZ15]. **Regime** [AM15, BL09, DH12, GGP14, Heu15, LW10, SX14a, Sha15, SY09, TZ10, VP07, YX10, ZZ09, ZSM10, ZES12, ZY03, ZY09, ZWYJ14]. **Regime-Switching** [BL09, DH12, GGP14, SX14a, Sha15, SY09, YX10, ZSM10, ZES12, ZY09, ZWYJ14]. **Regimes** [Car76, PVZ09]. **Region** [DHV98, Kim90, Kiw89, KT16, Lag77, Lag89, RS10, Rus86a, UUH99]. **Regional** [BBC14, MRV03]. **Regions** [BHPM04]. **Regression** [BKS10, GW96b]. **Regret** [NOV03]. **Regular** [BI08, CC02, Col82b, FMT10, GZ12, GMM91, Hal89, Hel76, LT97, LR00b, Lou94, NS86, Obe09, PS00, RT06, Sch02, SZ97, Sto97, Sus87b, Tre89, Col85]. **Regularity** [ACS00b, AMPR15, ADG+11, BX12, BRW05, BZ96, BHL12, BS03, CFS15, Car97a, Car97b, CM06, CR11a, Cel15, CV90, CMW06, DJ86, FGG10, GGP02, GL99, GBo97, GKLW14, GZ05, HK06, Kim93b, KW87a, KS13, PV15, QV13, RT07, Sch09, Sei82, SS89, Tuc96, VT95]. **Regularization** [BKM97, CC13, CT06, FK99, Gli12, KN03, KS85b, LP10, PT13, Pue09, Vog90]. **Regularizations** [HT11]. **Regularized** [Aih92, Ams13, ZH05]. **Regularizing** [Fer81]. **Regularly** [PTY07]. **Regulation** [CW08, Emr82, Gib81, HP10, HL92, IP06a, LP15, LK08, Liu13, Mey01, PMI06, Wil77a]. **Regulator** [AT96, Bal91, BK84, BI91, BBE99, BP98b, DMS12, FP08, Fra77, GR88a, Haa82, Her91, O'M76, RW92, Tsa78]. **Regulators** [CLZ98, CZ00, LW87]. **Reinforced** [BR10]. **Reinforcement** [BM00c, BF15, FEBL13]. **Reinsurance** [MS11]. **Reinvestments** [Pau08]. **Rejecting** [GZ14b]. **Rejection** [EÖSÖ98, GZ13, GZ14b, KLR09, Rus86b,

SBBV15]. **Related** [ACL09, Ama04, BB97, BRW05, BS09b, DG90, DFM15, Fab08, FP08, FP96, FGL08, FBP99, FHT06, Kan78, LB00, MRVM00, SIC00, Yon93]. **Relation** [BK83a, Kwo91]. **Relations** [Bal77, CFS15, EMP+16, GH15, Heu15, HN96, Pen84, Pen13, Rus76, Pen88]. **Relationship** [CV87, KZ00b, Pop97, Tri78]. **Relationships** [BL91, Koe90]. **Relative** [AB12, ABK14, HHI+13, IRT07, VP15, XUP08, dSF01]. **Relatively** [BP07b, RW76]. **Relaxation** [AB05, Bal81, BJ96, BE87, BHT87, BS06, CDCCMG08, CSB88, FEBL13, FR99, Gon94, Laz88, MH11, Tol16]. **Relaxation-Compactification** [Bal81]. **Relaxations** [LHPT08, Mey03]. **Relaxed** [Ahm83, Ahm96, AC13, Art78, Art89b, BDM07, Bah08, BJ95, BS13b, Car76, Col82a, Col82b, Fat94, GW16, Lou07, PV14, Pap89, Piu15, RR94, Ros92a, Ros00b, War77, WP76, XA93, Zho92, Col85]. **Relaxing** [Lic13]. **Relay** [SFFC08]. **Reliability** [GS14]. **Reliable** [CFZ10, GL97a]. **Remark** [Fat97, Roy89, Wec82, Zha01b]. **Remarkable** [GGH16]. **Remarks** [Kno77, Kob78, KR15, Kum88, Nag95, Tes92, Yam12]. **Rendezvous** [AG95, Alp95, AL98, AB06, AE95, BG98, CB09, LA96, LMA07a, LMA07b, XW12]. **Rendezvous-Evasion** [AL98]. **Renewal** [AHS13, HW99]. **Reorientation** [ZTC16]. **Repeated** [Alp88, CLS12, Lar01, SQS09]. **Repetitive** [DRDG08, Imm07]. **Replacement** [And88, Gal84, Öze85]. **Repositioning** [SZ10]. **Representation** [BET07, CF14, Dav76a, Gai04, Ger06, KN03, Lou94, PP13, Qua03a, Qua03b, Whi80b, Yam88, Zam98, Iof83]. **Representations** [Bor93, Bor10, CG00a, DS93, DvdS98, Dun00, FW93, JSV05, Kha82, Lia15, NZ99, Ram05, RW00b, TG13, WZ94]. **Represented** [McE09]. **Reproducibility** [Gra88]. **Repulsion** [CC02, Cza04b]. **Requirements** [Heu15]. **Reservoir** [Lam87]. **Resets** [OM14, TCC+15a]. **Residence** [DF98d]. **Resilient** [ZM14]. **Resistance** [LGZ13, RFF15]. **Resistance-Based** [LGZ13]. **Resolution** [AGJK12, Qua80]. **Resonance** [BCM13, WL95]. **Resonant** [Bar97]. **Resource** [RN13]. **Resources** [CFR13, RRR16]. **Respect** [BFCLS97, Bor77, Dat88, DE14, HRW88, HG02, LS99b, LRW96, OP96, RT98, RW92, Sla00, Sla03]. **Response** [CS84, Hag02, LF87, SS09c, ZH02]. **Responses** [WFH13]. **Rest** [Bia83]. **Restrictability** [ÖW92]. **Restricted** [ARS14, CD13a, HO90a, KG80]. **Restrictions** [BF15, HG90, MAG11]. **Result** [Bal01, BGBPG04, CKL16, CZ95b, Day09, FGB95, GV00, Mik12a, Nov04, Zua96, Zua98]. **Results** [ACS00b, Bal94, BDFCGB12, BM13, BK99, BK00, Cel07, CP13b, CM96b, DL06, Da 85, DG90, FCGIP06, Goz91, Guo94a, HT11, HM83, HS87, JS99, Kum85, Lou07, MT94, MBS13, MH11, MM80a, MO99, NP06, NHG99, ÖH14, Pav84a, PT09a, PA99, RRS14, Ros92b, Sha14, Teb11, WŽ07, Zha05, ZJ89, Zhu94, ZzJh10, BG88]. **Retarded** [KS87a, KS89a, MT78, Man81, Pep14, Pep16, SO06b]. **retour** [Loi88]. **Retrieval** [BL03]. **Retrieving** [CT06]. **Return** [Gui13, Loi88]. **Revenge** [BB92]. **Reversal** [DKL09]. **Reversible** [CP13a, FP14, LD05, MZ07]. **Review** [MP07]. **Revisited** [Bie95, CK98, LMR97, MNB11, Pue09]. **Reward** [CLRJ13, CP13a, DY13, Küe07, MR90]. **Reward-Rate** [DY13]. **Rewards** [GC05]. **Riccati** [Cur13, BGMS78, BCG86, Bou95, BK14, Brü13, BK83b, BvdMR05, Buc75, Buc77, BSZ08, BR15b, CLT06, CF06, CP76, Cur03, CS11, Cur11, Dav78, De 92, DGJ93, Del07, DM15, Du15, Fla84, Fla87, GL90, GL92, Gah94, Gib79, Gib83, GLR86, GT05,

GT14, HH76, Hei16, Hel76, Hew93, HP09a, HZ03, IY12, IO96, IM98, KS87a, KS90a, KH90, KT03c, Kra93, LT83a, LT86, LL07, Lev85, LMP95, MO02, Nih83, OCI00, Pav80, PD97, QZ13, Qu14, RMZ02, RR92, Sha83a, Sha83b, Sha85, Sha86, Tan03, Tes92, TR01, Wim92, Wim94, Wim06, WJZ12, Xie12, You87, Yu15b, Zei94, ZLD12, vN04]. **Riccati-Based** [BK14]. **Riemann** [LL15]. **Riemannian** [ATV13, ABB04, AM14, BBG12, BC95a, BG13, GGP02, ISdCN99, LY12, PS88, TC13]. **Riesz** [CW08, Guo01, Guo02, GX04, XS96, XG03]. **Right** [BR15a, CG00a, DDH15, FKN96, Kus79, SV79]. **Right-Hand** [BR15a, DDH15]. **Right-Inversion** [FKN96]. **Rightmost** [QS13]. **Rigid** [Eno94a, Eno94b]. **Ring** [CP95, SAMB14, WZ77]. **Rings** [Emr82, Kha82, MA01, Oht08, Sul94, Sul98]. **Risk** [AD98, AGS13, AM15, BE95, BN97, BPS05, BK10, ÇR14, CS12b, CTZ03, CHP$^+$11, DM02a, DL13a, DR06, DS99a, DS07, DH12, DM97, FM95, FHH97, FZ98, FHH99, GG09, HJ15, HL16, KT03b, LZ16a, LZ06, Nag96, Nag03, NS12, PB99a, SSO13, Xia11, Zha95]. **Risk-Averse** [ÇR14]. **Risk-Aware** [HJ15]. **Risk-Sensitive** [AD98, AGS13, BE95, BN97, BK10, DM02a, DL13a, DR06, DS99a, DM97, FM95, FHH97, FZ98, FHH99, LZ16a, LZ06, Nag96, Nag03, PB99a, SSO13, Zha95]. **Risks** [CZA08]. **Rissanen** [Dye77]. **Ritz** [Las84, MR79]. **RKH** [MR86]. **Robin** [JZ09b, XZ15]. **Robot** [GK02]. **Robotic** [BCF12]. **Robots** [GL06]. **Robust** [AD15, Akç01, AAA12, AB02c, ABP14, BHPM04, BM06, BCD02, BBTN03, BY14, BET07, Ber89b, BF05, Bli04, BD01b, BL00a, CT13, CJK13, CM92, CdSBT09, DM02a, Dat88, DM97, Dup03, FNA02, Fer97a, FGS93, FK96, FIM09, FB12, GBGdO00, GdOB02, GHJ00, GP02, Hag05, HP10, HZB13, HP94, JSV05, LP15, LP10, LSW96, LF15, LAN04, LZ92, LDZ10, MPN98, NK94, NNSM08, NS14, Orl04, PD02, PLK89, Pri05, PT06, RM92, RCS01, SC12, SJ13, SFFC08, Szn93, Szn95, TF11, TFT11, WW83, XUP08, Yan96, YD08, vTY99]. **Robustness** [ABL13, ALR99, BK98, CG00b, CG90, CZA04a, CZA08, FIR06, HRW88, IM08, IM10, IK95, Jön09, KT05, LRW96, MZ15, MTS15, MVHN09, RT98, SO06b]. **Rocket** [ZTC16]. **Rod** [Han94]. **Role** [WRGA14]. **Rolling** [CMK15, Gro12, Gro16]. **Roomy** [Dew76]. **Root** [BHPM04, BM06, BGH94, Tie14]. **Root-Clustering** [BHPM04, BM06]. **Root-Locus** [BGH94]. **Rosenblatt** [Mik12a]. **Ross** [BPS05]. **Rotated** [Oss01]. **Rotating** [CCW14]. **Rotors** [Bay09a]. **Rough** [BD15]. **Routh** [AJ77]. **Routing** [ABB15, Cha14, MS92, MK90, Mey01, Mey03, SPBF10, SN82]. **Row** [LC80]. **Row-Action** [LC80]. **Ruckle** [AFK10]. **Ruin** [BZ15a, BZ15b]. **Rule** [Bus84, CLdRdP11, Dun80b, War78a, Zha01a]. **Rules** [BM11, Dor90, Dun80a, HU84, LGP15, Ye00b]. **Run** [Bor89, FGL08, GR06, Rob81]. **Runge** [SP96]. **Running** [HS91]. **Russian** [Iof78].

S [Cou83]. **Saddle** [Beh79, Ber85, Del07, DS09, Stu15, SZZ97, SY14, WCLC05, Ber88]. **Saddlepoints** [BMM85]. **Safe** [RN13, GK02]. **Safety** [HD11]. **Sakawa** [Mar77]. **Salamon** [van95]. **Sales** [Tam80]. **Sample** [GC05, HLVAC99, Kam10, Pep14, PRG16]. **Sample-and-Hold** [Pep14]. **Sample-Path** [GC05, HLVAC99]. **Sampled** [BD01b, FS16, FA13, GN03, Hag02, Hag05, KK16, KLR09, LM02, LRT05, Log13, MRP99a, MRP99b, NLPT09, SK94, Sta79, TZZ88, TS95, Yam12]. **Sampled-Data** [BD01b, FS16, FA13, GN03, Hag02, Hag05, KK16, KLR09, LM02, LRT05, Log13,

MRP99a, MRP99b, NLPT09, SK94, Sta79, TS95, Yam12]. **Sampling** [BK00, CCHP12, DCI07, FP11a, KK12, Pep16, RMB12, RW92, Sag13, TYW11, WŽ07, WRGA14]. **Sandwich** [LL00b, ÖH14]. **Sard** [Rei83]. **Satellite** [AK02a]. **Satisfying** [BBV10]. **Saturated** [Sag15]. **Saturation** [CHL15, De 00, LCS96, LRT98, YC06]. **Saturations** [ZLD10]. **Scalable** [Cha14, NFI15]. **Scalar** [AM98, Bli04, ET12, FZ05, Gfr06, Ho86, IS12, IS14, JS99, Léa12, Mos80, Per12, Rai99, Reb89, Sus83, Teg84, FCGIP06]. **Scalar-Input** [Sus83]. **Scalarization** [Khá93, TFL14]. **Scale** [DRW10, HYZ11, KP97, LS99a, Les12, LB89, MP11b, WZY06]. **Scaled** [Dun91, Dun93, HP09a]. **Scales** [BT13]. **Scaling** [UU00]. **Scanning** [Kha94]. **Scattering** [SW12, WS13b]. **Scenario** [Col88]. **Schauder** [KR80]. **Schedule** [KK12]. **Schedulers** [MBL00]. **Scheduling** [BB89, BM84, Cat98, LFH15, Sch15a]. **Scheme** [BF90a, BV13a, BR07, CS77, DBS05, MV11]. **Schemes** [Baş84, DJ98, FGQ97, FEBL13, GP79, Grü09, GPSW10, Kun82, Sor98]. **Schmidt** [DGJ93]. **Scholes** [FP11b]. **Schrödinger** [BLT15, IK07b, KGS11, LT13, Lü13, Mac94, Phu01, RZ09, WCG14, Zha15]. **Schrödinger-Type** [LT13]. **Schubert** [RRW96]. **Schur** [FO98]. **Schwarzkopf** [CLdRdP11]. **Screening** [LMJ09]. **Search** [AA86, AG95, Alp95, Alp10b, AFGT13, AA92, AE95, AN06, BB92, For77, Gal79, Lid13, WFH13, WCLC05]. **Second** [ADK08, Ahm77, Alv00, ANS14, BLJ15, BS16, BDP14, BC16, BFL16, CD91, CFS15, CTU00, CM02, CT09, Cas12, CT14, CRT15, CHN94, Cha82, Cha87a, CLYL13, CM96a, CC90a, CMT03, DL06, De 11, Dun95, FG15, FT13, FNV10, Gfr06, GGH16, GT93, GRS00, Han86, HMV05, HK01, HU82, HU84, Hoe12, Hoe14, HM02, HN96, Iof79b, KN14a, Kim93a, KR13, LH88, LM08, MO02, MO04, PKL13, Pen98, RT03, Sak84, Sar97, SNB09, SFFC08, ST09a, Tha86, Tri78, WL95, War84, War85, WM10, WT83, XLL08, Zei01, ZZ15]. **Second-Order** [ANS14, BDP14, CD91, CFS15, CT09, CT14, CHN94, Cha82, Cha87a, CLYL13, CM96a, CC90a, DL06, Dun95, FT13, Gfr06, GT93, HMV05, HU82, HU84, Hoe12, Hoe14, HM02, HN96, KN14a, Kim93a, PKL13, Pen98, RT03, Sar97, SNB09, WL95, Zei01, ZZ15]. **Section** [BL14]. **Sector** [Jön09]. **Security** [LMJ09]. **Seeking** [LK11, PKL13]. **Segment** [Rzy09]. **Segmentations** [Sha92]. **Selecting** [ES81a]. **Selection** [BC11, BVW00, BR07, HBSW07, HZ05b, Iof78, LZL02, Now85, Tam80, Wag77, Xia11, XZ07, ZSM10, ZY03]. **Selections** [Liu95a]. **Self** [BR10, KP87, LW87, RM92, GX04]. **Self-Adjoint** [GX04]. **Self-Interacting** [BR10]. **Self-Stabilization** [RM92]. **Self-Tuning** [KP87, LW87]. **Selling** [DYZ12, RH06, Zha01a]. **Semantics** [Col11]. **Semi** [BC96d, Can84, Fle85, GG09, Jas02, Kim92, KA06, OM14, PMH92, PH92, SS03b, VA03, Zha09, ZLD10]. **Semi-Definite** [Fle85]. **Semi-Dirichlet** [Zha09]. **Semi-Global** [ZLD10]. **Semi-Infinite** [PMH92, PH92, SS03b, BC96d]. **Semi-Internal** [Kim92]. **Semi-Markov** [Can84, GG09, Jas02, KA06, VA03]. **Semi-Markovian** [OM14]. **Semialgebraic** [Gho86b]. **Semiconcave** [Rif00, Rif02]. **Semicontinuity** [Bal81, Bal84, Fer81, Iof77a, Iof77b, KTWY12]. **Semicontinuous** [AKN00, ENW95, Fra93]. **Semiconvex** [Mif77]. **Semidefinite** [ALY13, All88, AW90, FNA02, HHLP16, Hew93, KM07a, Wim94, YZZ01]. **Semidiscrete** [HW14, Mic09]. **SemiGlobal** [ET15, JL14, SFFC08, TP95]. **Semigroup** [CLMSR00, Fle82, Ves13]. **Semigroups** [Ben78, BR82, BIP88, Fra87a, JZ04, Pen13, dRSV09]. **Semilinear** [AX96, ACS00b, Bar95b, BGBPG04, BC89,

BC95b, BS11, Bro87, Car12, Cas93, Cas97, CTU00, CM02, CR06, CK14, CO03a, Che99, CT04, DL09, DMPD98, DMPD00, FYZ07, Goz91, Gra82, HY95, JL14, Kha01, Kha03, KN14a, LW07, LY09, Mah03, MPT06, MY09, Nai87, NPR15, RX15, RT07, Teb11, Trö99, Zho83, Zho84, de 98]. **Semimartingale** [BC11, BK80, MT03, ST14]. **Semimartingales** [Mao90, Pic93]. **Seminormality** [Bal86]. **Semipassive** [DZ76]. **Semipermeable** [Car97a, Car97b]. **Semismooth** [Cha87a, IK10, IK11b, KKV11, Mif77]. **Semivectorial** [BM13]. **Sense** [AW83, Pep14]. **Sensitive** [AD98, AGS13, BE95, BN97, BPS05, BK10, DM02a, DL13a, DR06, DS99a, DS07, DM97, FM95, FHH97, FZ98, FHH99, LZ16a, LZ06, Nag96, Nag03, PB99a, SSO13, Zha95]. **Sensitivity** [AHJM10, BV10, CFS15, CL86, CW91, DZ88, FKT86, FTZ87, GL90, GK87a, GM05, GI04, HK88, Jou00a, Jou00b, KH90, KY92, LS91b, Lev99, Lev01, Liu95a, LY01, LY02, MERD02, NS00, Sha88a, SB92, Sha94, Sok87, Sok88, Spi80, Tad97, Tan88, Ulb02, Ver97, VG95, YMH94, YK91, Yan95]. **Sensor** [BB89, DH09, DPV00, FFR14, FCMA09, FFP$^+$09, Kha94, MS05, PBPB15, ZVBR14, ZM13]. **Sensors** [FGGH15]. **Separable** [BW88, Sto76]. **Separated** [LB98, Pul95, Pul96, RRJ16, WZY09]. **Separation** [AISW04, Cob12, CI77, Dav76b, Les12, RN13, Ris94]. **Sequence** [Gli12]. **Sequences** [Bis83, CNP98, Dun80a, GBCG98, PW84, VP15]. **Sequencing** [Mey01, Mey03, Wen15]. **Sequential** [BMT01, DF96, DF98a, DY13, FCMA09, FNA02, FPD08, FP11a, GCR09, GYBL15, Kre78, KK76, Kus78b, MD89, RN13, Thi97, Whi80b, Zer03]. **Serially** [CDKP87, GX04]. **Series** [Bul01, CFNG10a, Cro81, CC87, FGT95, FV95, Fuh76, GL05, Hei88, Nih83, SCFV97, BC05b, Cla86, Kup85, Cla86]. **Serre** [SO13]. **Server** [AGS13, MS92]. **Servomechanism** [LI94b]. **Set** [ABL13, AM98, AC05, AR77, BT91, BP13a, BG05, BD77, BF15, BK08, ES81a, FPT15, FBJ09, Fra87a, Gai04, GH12, GZ14a, GV05, Gui13, Gün95, GJN08, HT92, HW05, HT10, IK08, IK04, IK07a, Jah85, KK16, Kas09, Kas13, KTWY12, KHJ14, Kum82, LY12, Liu11, MP76a, Mey77d, MW78, MS97b, NS91, Pan13, Qiu13, Reb77, RN13, Rot77b, Sei87, Szn93, Tre99, Urs82, Vin80, Wol90, XW12, Iof83, dG06]. **Set-Covering** [RN13]. **Set-Induced** [FPT15]. **Set-Valued** [ABL13, BD77, BK08, FBJ09, Fra87a, Gui13, GJN08, IK08, Kas09, Kas13, LY12, MP76a, MS97b, Pan13, Qiu13, XW12, Iof83]. **Sets** [Aub01, BJ11, BH99, BJ02, BR88, Cha91, CP13b, Del04, Dun95, EMH08, Fra89, GN02, GO11, GY12, Her78, JR93, KP97, KHP06, Kaw11, KS89b, ŁS85b, MP76a, MSH91, NLPT09, Rai99, RG14, TSNvL08, Vin14, WR14, YZ16]. **Setting** [ALP10a, BP05]. **Settling** [AB09]. **Setup** [KM12b]. **Several** [Che76, EK85, Lom13, Van92]. **Severely** [QC95]. **Shadow** [AC79, CSZ13]. **Shallow** [Bel00, CGY03, Yao00]. **Shallow-Water** [Bel00]. **Shannon** [MS07a]. **Shape** [ADK08, ACT10, ABV13, BL14, BHOP14, BP13a, BFL16, BV14, CHP$^+$11, DDK12, DDH15, DZ88, DZ91, Doy94, EHS07, GL95, GI04, GK98, GY12, GY13, HL11, HS03, KL16, Lam92, Lau99, LR92, LNT02, MY93, Nov04, PT08, PT13, PS10b, SS09c, Sok88, SZ99, SZ03, Stu15, Tib11, Ton03, WK13, WWY06, ZM11, dG06]. **Shape-Topological** [KL16]. **Shaped** [ACS00a, GDL11, PR14, PS04, Dág04, Mar99]. **Shapes** [GO11, LN10]. **Shaping** [BEL02, Cha10, Gha11, NCL13]. **Shaping-Filter** [BEL02]. **Shapley** [BS15, VA03]. **Sharing** [BLS12]. **Sharp** [BLR92, BBGBO14, BGHR16, BF93, Fu12, Hu15, Li94a, NZ03, SW99]. **Shear** [Ara12, Ara13, CCW14, KGBS08]. **Shear-Thickening** [Ara13].

Shear-Thinning [Ara12]. **Shedding** [ASK05]. **Shell** [Les12]. **Shells** [CGY03, Yao00]. **Shift** [Fra80, MP99, ZLHZ12]. **Shinzo** [Cou83]. **Shooting** [BH07]. **Shortest** [GW96a, KN14b, PB99b, Phi94]. **Shorting** [LZL02]. **SIAM** [AW90, Ber88, Col85, Cou83, Cur85a, FR82a, Flå95, GK95, GRC82, Kum88, Mos82a, Pen88, Shi90, SC81, ZZ94]. **Side** [BR15a, Ros00a, SV79]. **Sided** [BBT14, DS99b, KM12b, NT16, DF98b]. **Sides** [DDH15, Kus79, Now89]. **Siegel** [KX04, KX02]. **Sieves** [NP82]. **Sign** [Hew93, KS93, TR01]. **Sign-Definite** [TR01]. **Sign-Observations** [KS93]. **Signal** [FCG16, FV98, Jac04, Jay10, MPN98]. **Signals** [BCL04, IP06a, IP06b, LP15]. **Signorini** [BS87]. **Similar** [Lou15, RL06]. **Similarity** [BFZ00, GK86]. **Simple** [Ben81, Ber82b, CP02, CMOZ02, FH94, LM97a, MDB05, Sîr15, ZC96]. **Simplest** [AJ77]. **Simplex** [Yan96]. **Simplices** [Bro10, BG14]. **Simplicial** [Yan96]. **Simplicity** [OZ00, OZ03]. **Simplification** [PB96]. **Simplified** [CSB15, Ste07]. **Simplifying** [FTV98]. **Simply** [Cor99]. **Simulated** [Cat98, CC94, CK89, DM99, FK91, Roy89, Tro96]. **Simulation** [Gra07, GH15, Hey76, JV06, Lam87, van86]. **Simulation-based** [JV06]. **Simulations** [CMC81]. **Simultaneous** [BGMR94, Gho86a, Gho88, GB93, HMQD99, ID87, SZ03, TW00, Gho86b]. **Single** [Ben81, BH07, Bos02, BGL11, Iof83, Kan00, MRL12, MS92, Mey77c, MR09, Nie14, RSV04, SO06b, SZ10, Sus87b, Sus87c, Sus87d, Tad97, TR02, ZBB07]. **Single-Atom** [MR09]. **Single-Input** [MRL12, Nie14, Sus87b, Sus87c, Sus87d, TR02]. **Single-Output** [Ben81]. **Single-Server** [MS92]. **Single-valued** [Iof83]. **Singular** [AS13, Alv01, AB02b, AJK14, AG97b, BB98, BDM07, BFT96, Ber82a, Boe05, Bon85, BCM13, BG07, BK10, BK16, BP98b, BR07, Cam76, Car76, CY12, CJT08, CE06, Cob06, Cob12, CS15, Cza04b, DFM15, DD03, DV83, DM04, DM06, Dun79, EAK86, FP02, FP08, FR14, FK76, FS10, FT02, GL97a, Gli12, GHQ15, Gra99, Grü98, GT08, GT09, Haa82, Hag02, HS95a, HS95b, Her76, HO90a, HD87, HQZ16, JHMG06, KK79, Kre77b, Kru00a, Kru00b, Kum13, KR88, KM91, Kus13, Kus14, LLS90, Lew80, Ma92, MW09, MK90, Mor10, MS07b, NS00, NF13, O'M76, OC12, ØS12a, ÖL89, PS13, Ram94, Reb78, SS89, Son93, ST90, Sto91b, Sun96, Tak97, Ter94, Wee07, WKS86, Yan14, Zha95, Dai88, KS84a, KS85a]. **Singular-Point** [Sun96]. **Singularities** [Hir02, KS99a, Nic96, Nic97, Pic96]. **Singularly** [AL02, Bin76, CK78, Cob10, CG92, CD12, DDG12, Don10, DMS02, DMS12, Gai92, GN02, Gai04, GO11, Gra05, HM08, HP14, PB96, Shi02, Vig97]. **SISO** [HO97]. **Sivashinsky** [CMP15, GCL15]. **Size** [Cha91, Pfl86, RS13]. **Skew** [HS13, LZM05, MN77a, ÖT90]. **Skew-Symmetric** [HS13, LZM05]. **Skorokhod** [GTT16, Kru00a]. **Slice** [Cou00]. **Sliding** [GHZ98, KP04, PKL13, POU11]. **Sliding-Mode** [POU11]. **Slipping** [Gro12]. **Slope** [Cel02b, FT12]. **Slow** [AG97b, MG13]. **Small** [AHJM10, AL12, AD98, Amm02, BN97, BP14b, BS04, CNS10, CCF07, DRW10, Dat88, DK86, FP89, GW15, GW16, Joh05, JM05, KJ07, KLS87, Kra09, KS89b, KH81a, LRW96, Sac97, ST13, Tre90, TSNvL08, Zha98, dFS15]. **Small-Gain** [CCF07, GW15, GW16, JM05, KJ07, TSNvL08, dFS15]. **Small-Time** [AL12, BP14b, Kra09, KS89b]. **Smallest** [CLG12]. **Smith** [Hug16]. **Smooth** [Aey85, BZ10, BZ96, CC99, Cor94, DMK90, DF98c, Goe05, GT09, GW09, HT11, KT05, LW12, LSW96, LT92, Ma92, Pol88, QLD01, Rya94, YW07, ZY08, van82]. **Smoothers**

[ABP14]. **Smoothing** [CY99, CF06, MT09b, Ouv78a]. **Smoothly** [Tsi95]. **Smoothness** [Bay09b, CD15]. **Sobolev** [BRW05, Pav13, Sim76, WP98, WWZ14]. **Solar** [GW96a]. **Solid** [IK02b, LI00]. **Solitons** [Mun14]. **Solution** [All88, AW90, BD83, BRS11, BHOP14, Bis12, BP07b, BKK02, BK13, BDDSV05, DA02, Dok05, DKRV13, DM15, Dup03, Ega08, Fab08, Fla90, Fra87b, Gri83, GK98, HK13, HS12a, HW99, Hui92, JL93, Jun00, KS95, KTWY12, Kno79, KR15, Lev01, LY12, MP94, McE07, O'M76, PT87, Pap81, Pap86b, RR94, Ros00b, SKD99, SP02, Tad97, VP07, YY05, YY08, ZL02, Qua80]. **Solution-Dependent** [BHOP14]. **Solutions** [ACS00a, AKN00, AB02b, AP94, AMPR15, AW83, Aub11, Bar85c, Bas77, BHM14, BS16, BMS15, BCS15, BCM12b, BS11, BK95, BZ96, BT11b, BS04, BS09b, BCS13, BvdMR05, BL08a, BR15b, CP00, CR11a, CHJ87, Car90, CRZ00, CCK12, CCK13, CO03b, CM10b, Cel15, CM95, CV83, CS89, CV86, CdLdDM02, DD92, Dav76b, Day09, Den97, DR05, DC06, Dmi92, DS99b, DM02b, EÖ88, ES81b, Eng10, Fat97, FGG10, FP96, FT77, FM08, Fra93, Fre99, FP11b, FT04, FMT10, Gar76, GLD+91, GLR86, GP94, GŠZ05, GŠZ10, Gro16, GDL11, Gui13, Hau94, HT12, Hen80, HTY01, Heu15, Hew93, HZ10b, HMR15, HCM05, Hua07, IM98, IK09, KS99a, KM07b, LW07, Lei85, Lev99, Li94a, LW14, LM16, LS85a, Lor87, Mal02, MS87, McE95, MD15, Mik12b, Mil96, MRP99a, MT09b]. **Solutions** [NR97, OC12, OCI00, OvS00, Pav13, PD97, Per81, Per12, PS06, PPZ06, Pul95, QZ13, RR92, RX15, RT07, Rou86, SW78, Sha15, ST02, Sor93, Sor96, SV79, Ste13, Ste15, TLPA00, TR01, Tri77, Tri80, Ulb02, VA03, WC89, WWZ14, Wim92, Wim94, Wim06, YW07, Ye00a, Zas97, ZY08, ZYL97, Zhu92, vTY99, LS86]. **Solvability** [Cir14, Du15, FKN96, Kre00, KK06, van95]. **Solvable** [Alv01, AMR14, Cro84, Dai12, Mey77c, Mey77b, Da 16, Vie00]. **Solver** [HT10]. **Solving** [AGL08, ASTT09, AS11, BKM14, Cat98, FR82b, GHZ98, Hac79, HR98, IY12, Laz88, MD89, PYM93, SWY12, SS03b, Und76, Wat79, YMH94, van86]. **Some** [AT89, ANP83, AK15, Bat95, BT97, BDFCGB12, Boo82, BMM85, BD77, Bra98, BCT10, CF91, CTU00, CM10a, Cér00, CMC81, Cir14, CMW06, Da 85, FCGIP06, FM08, Goz91, Gue07, GY12, Ham82, HN96, Kno77, Kno79, Kob78, Kum85, Lis14, Liu14a, ŁS85b, Lor87, Lü15, MR15, Mat76, McE95, Men89, MP84, MO99, Muñ00, Pan92, Pap81, PT09a, Poo96, QR11, RR94, Rob81, Sac85, Sei78, Sha10, Teb11, Tes92, Tim14, TW00, VS80, Yam12, Zha05, ZI00, ZzJh10, Zol78, ABSP08]. **Sontag** [Tsi93]. **Sound** [BGR04]. **Source** [ASTT09, Nic00, Ulb02]. **Sources** [BMT01]. **Space** [Ahm81, Ahm83, Ahm07, ALP10a, AOS16, BB98, BMS05, BP88a, Bor78, BCF12, BSZ08, BR15b, CYL96, CYL97b, Che76, Col82a, CD12, CC87, DGJ93, Del86, DM15, DMPD12, Eno94a, FRZ93, Fuj80b, Gad08, GS94, GPB91, GK11, HLG93, HO01, HR83a, Ich76, Ich07, Jac04, JL76, JL93, KN13, Kub85, KS85c, LR79a, LM13b, Lis14, MT78, MV07a, MV08a, MV08b, MR86, MSv86, NR97, NA02, OT83, OMS90, Ols76a, Pan92, PV13, PS88, RNK91, RL78, Sha15, Son86b, Tad97, TKH10, Ter94, VJ77, WS95, Wec82, Wei05, WK77, Zd83, CMK15, HR83b, Son86a]. **Space-Time** [AOS16, GK11, MV07a, MV08a, MV08b]. **Space-Valued** [GS94]. **Spacecraft** [BP14b]. **Spaces** [Ahm03, AM82, Alv00, ARS09b, Bar97, BM90, BC96b, BC96c, BC96d, BZ96, BR08, BS13b, BQT08, BS00, CCK12, CCK13, CK14, Cer01b, CDM90, CLMSR00, Cou00, CD80, Da 85, DM83, DPT04, Den98, DGKL10, FP03, FHT09, Gfr06, Gib79, GRS00, GT14, HK07, HMA81, HS11, HLL94,

HLGH98, HLL00, HLGHLM03, HP94, IK11a, KY87a, Lam92, Lev99, LLM15, Mah03, MPN98, Mas08, Mos80, Nak83, NZ03, Ouv78a, Ouv78b, Pav13, PS86, PD92, Phe85, Poo96, Sag15, Sim76, Tri76, Tri77, Tri78, Tri80, Vol00, WP98, XG03, dWvS00, vN04]. **Spanning** [AB09]. **Spanning-Trees** [AB09]. **Sparse** [CCK12, CCK13, CT14, CRT15, PV13, Tod83]. **Sparsity** [CC13, HSW12, HSW15, KPV14]. **Spatial** [AGN+16, CDDP11, Cer07, DWZ+16, FCLZ16, GY98, Liu14a, Mao90, SVBZ09]. **Spatially** [DH09, FB08, GK85, KN77, KS86, LD05, RCS01, WM10, Cou83]. **Spatially-Distributed** [GK85]. **Spatially-Varying** [KN77, KS86, Cou83]. **SPDEs** [FO16, GHQ15, GM13, HQZ16]. **Special** [BCP09, Chr80, PT09a]. **Specialized** [KM07a]. **Species** [GCR09]. **Specifications** [JK06]. **Specified** [CM76]. **Spectra** [SO06b]. **Spectral** [AJPR14, BTBT88, BP08b, BO16, BC02b, CF06, Cur85b, EZB11, Fei76, Fer97b, GK87b, GGLD90, Hag02, Hel76, Ho86, JP01, JS81, KC15, KHP06, LB00, LMP95, LR06, LMR97, Mat98, Nur06, PI99, Pet04, Reb89, RKL16, SRS15, WCJP04, Wir98, Zwa88b, vW84, Cur85a]. **Spectrally** [AMR14, HHPY16]. **Spectrum** [Hag05, KMM11, OZ00, OZ03, Sun81, XS96]. **Speed** [And14, AB09, CGW10, DF16, DV12, Izm96, Kas02, OT09]. **Speed-Gradient** [DF16]. **Sphere** [CN11, ZVBR14]. **Spherical** [BG13, Kim90, LV97]. **Spillover** [HM03, HH05]. **Spin** [AD08]. **Spline** [GMP00, KS87a, KS89a, Rus06]. **Splines** [SW11, Tha86, WDS79]. **Splitting** [ABAC10, Bau09, BGR90, ES09, Fra82, LMP95, LT91, Nag95, PRS08, Tse91, Tse00]. **Splitting-Up** [Nag95]. **Spreading** [Kas02]. **Spring** [MD15]. **SQP** [DHV98, IK96b, LS99a, Trö99, Vol00, VW02, Wac07, Wri89]. **SQP-Like** [Wri89]. **SQP-Method** [Wac07]. **Square** [BM09, Caz14, FC05, GZ12, Kub85, NC16]. **Squares** [All88, AW90, Bar80a, Ber98a, Che84, Guo94a, Vog90, WDS79, Yu13]. **Squeeze** [LL00b]. **Squeezing** [ZLHZ12]. **Stability** [ACS00a, AN15a, AN15b, AD15, ABL13, AL01, AM82, Alt09, AAA12, AGJK12, AB02c, And82, AMP05, AISW04, AAS02, Aus84, BM00a, Bal77, BTY11, Bat95, BCL04, BB07, BGR07, Ber89b, BB00, BB03, BF05, BFPB13, BGLT16, Bla76, BR13, BRT15, Bli04, BFP11, Bos02, BBE99, BL00a, Bru76, Buc75, Buc77, CT13, CJK13, CT14, CRT15, CL06a, Cha05, CCF07, CFNG10a, CFNG10b, CK03, CM92, CLMSR00, CW03, CSA+13, CG92, CB15, CD08, CA09, DDK12, DHX08, DHX10, DM13a, DDS15, DC88, DF98b, DH93, DH98b, DB12, DC99, Ega80, EÖSÖ98, FM12, FB08, Fel03, FG15, FCJ14, Flo95, FGS93, FM08, FC05, FB12, GW84, GT77, GC06, Gib81, GP94, Gra05, Guo94b, Guo02, GMY16, HH76, Hag05, HMV05, HP94, HP96, HP09a, HM02, HJF10]. **Stability** [JSV05, JG99, JLR09, Kan82, KS89a, KT03a, KHP06, KK79, KSW01, Kub85, KGM93, KW78, Kwo80, LXY14, LSW96, LZ94, Liu95b, LLR01, LH14, LF15, LZ16c, LRW96, Mao90, MNC14, MADF98, Med12, Mey09, MSR01, MN07, MVZ+09, MVHN09, MM80a, MS97b, MN77a, MN77b, Mos80, Mos82b, Nai95, NLPT09, NS05, NNSM08, Ngo09, Ngo11, NBF16, NP06, OW93, OW96, Obe06, OP96, OM14, OVS08, Orl04, PPL09, Pen84, Pep16, PA99, PS13, QV13, Reb95, RT98, Reb78, RR85, RW87c, RRS14, Sal85, SL16, SO13, SX14a, SH12, SO06a, SO06b, SW00, Sta79, SV79, Tan88, TBP14, Tim14, TF11, Tsi93, TW03, VT95, Vin77, Wag91, WC96a, WC81, WRGA14, YÖ08, YD08, YW12, YW07, YX10, ZP03a, ZP03b, ZP05, ZZS14, ZD14, ZWYJ14, dBLR14, vH06, Dai88, KT05]. **stability** [Mos82a, Pen88]. **Stabilizability** [AM81, AK16, BC05a, Ben78, BP14b, Bou95,

BA84, CRR12, Cur85b, Dai12, DS93, Gla05, GK85, Hab96, Ho93, JZ99, KB01, KGM93, Las98, LR79a, Lev85, LCS96, Lun91, MVHN09, MÖ14, NE04, PK87, Pri05, RZ09, RZ93, Rya94, SA96, SC80, TC14, Tsi91, Tsi93, Tsi95, Yin99, Cur85a, SC81]. **Stabilizable** [IP06b]. **Stabilization** [AD15, AB02a, AK99a, AT00a, AB02c, ACW83, ALR99, Bad09, BT11a, BRS11, BD11a, Bar12, BC81, BLR92, BD02, BM09, Ber02, BM03, BDK00, BGMR94, Bra09, CGY03, Che79, Che81a, Che81b, CDKP87, CS10b, CHL15, CK78, CLRS00, CS03, Col12, Con90, CM98, Cor94, Cor95, Cor99, CVKB13, CMT03, DLP86, DMK90, DRT11, Flo97, Flo99, FK96, FIM09, FNV10, Fuj80a, GMCL10, GC06, Gha11, Gho86a, Gib80, GR88b, GZSAB13, Grü96, Grü98, Grü00, GN03, GCSB99, Gue03, GDL11, Gug15, Guo90, Guo01, GH04, GG13, HM03, HRW88, HZ95, HT12, HMQD99, Hop87, Ito98, Kap94, KT03a, Kar06, Kar11, KK12, KK16, Kob84, Kom91, Kom97, KM12b, KR15, Lag83a, Lag88, LGP15, LT83b, Lef11, LS02, LSDS13, LYLZ99, LXZ11, LL13, LZ16b, LNP00, Liu03, Liu14b]. **Stabilization** [LH14, LAN04, LRT05, Log13, MDB05, MRS04, MPI07, Mar99, MS05, MS07a, MCS13, MSR01, Mik07, Mil02, MA01, MS04b, Mot00, NR15, Nik99, Obe06, OS10b, OZ00, OZ03, Ouz10, OOS15, Ped91, Pep14, PR14, Pet85, Pet88, PT06, PT95, QLD01, Qua03b, RM92, Rao95, Rao98, Ray06, Ray10, RZ06, RK89, SKS90, Sak83, SS92, SFFC08, Sle78, Smi96, SCK10, SD13, SDSÁR00, SD15, Sul94, Sul98, Sun82, TZZ88, TP95, TF11, Tow96, TFT11, Tsi92, UP99, Urq05, VZ09, Ves13, Wan98, WXY05, WGK11, WW83, YC06, YW12, YLL+15, ZH03, ZK88, ZLD10, ZY09, ZWYJ14, Zua90, Zuy16, CW06]. **Stabilize** [RY95]. **Stabilized** [CMP15, Dat88, Rus06]. **Stabilizer** [Liu88, WC89]. **Stabilizers** [IPM10]. **Stabilizing** [BCL83, Bre86, BP98a, CL11, FCG16, Her80, Her91, Hew93, Jam14, MV07b, MPS99, OCI00, PTY07, Qua04, Rif02, Tad88]. **Stable** [BMS05, BMO15, BSS12, Col82b, Col85, Cur03, HO97, Hel76, HK88, JZ09a, KLR09, LZ06, MP76a, MNC16, MNB12, Mor79, NL08, PK87, Qua04, RR92, WSR04]. **Stable-Proper** [PK87]. **Stackelberg** [BCY15, BCS15]. **Stage** [RW87c]. **Stand** [Alv04]. **Standard** [Ha88, Las97, Tad93]. **Standards** [MR09]. **Star** [ACS00a, Mar99]. **Star-Shaped** [ACS00a, Mar99]. **Stasis** [Joh05]. **State** [ALP10a, AM89, AS91, AISW04, AR99a, AR00, AA97, AKP05, AK15, AZ97, Aub13, BM00a, BB98, BMS05, BP88a, Bar82, Bar95a, BFP09, Ber92a, BK97b, Ber98b, BV10, BBV10, BBV13, Bis12, BM03, BFZ10, BC89, BC95b, BH07, BJ10, BN13, BHHE03, Bro10, BR07, CT13, CQSP00, Cas86, Cas93, CF95, Cas97, CRZ00, CTU00, CM02, CMR07, CT14, CLM91, Cha05, CYL96, CYL97b, CM00, CL87b, CS03, CE06, Cob06, CS84, CT04, CD12, Cur85b, DM13a, DL13b, Del86, DI86, Dic76, DO14, DH98b, DFCGBZ02, DKS+11, Dun00, EDM05, Eva13, Fag08, FGG10, FGG11, FHH97, FHH99, FRZ93, FR99, GV03, Gli12, Goz91, Grü00, Gug10, Haa82, Had06, HLG93, HO01, He87, HW05, HH10, HMQD99, Hoe12, HJF10, HY95, HSP16, IS12, IK96a, JL93]. **State** [JLR09, Jay10, KF03, KK92, Kan00, KZ00a, Kha16, Kob76, Kob77, KS98a, KM86, KSW01, KMR10, KR13, KLL10, Kur89, KV06, KS84b, KR87b, Kus13, Kus14, Kwo80, Lam92, Lei87, LM13b, LW15b, LFM07, LG07, Lor10, LW15d, LB98, Mal97, MRS04, MNC14, MNC16, Mau77, MRV11, MY09, Mic80, MVHN09, MR86, MSv86, MR04b, Mot95, NR97, NPR15, NA02, OMS90, OM14, OL77, PT09a, PYM93, PZ13, PV98, RMB12, RV00, RW97a, RNK91, RZ98, Rod82, RT03, RT06, RT07, Ros84a, RV93, Rus76, SL16, SL13, Sch92a,

Sch09, Sch80b, Sha15, Son86b, Ste04, ST90, Tad97, TL03, TBP14, TKH10, TP95, Tes92, TYW11, Tib85, Tsi91, Tsi93, VK81, VP15, Wag91, WS95, Wan00, Wan02, WW02, WWX13, Whi82, Wol12, WY06, XUP08]. **State** [YLL+15, Yu95, Zei94, ZC06, dlRT07, vdSR11, Cur85a, Loi88, Son86a]. **State-** [Tes92]. **State-Action** [AS91]. **State-Constrained** [BC95b, Cas97, CT14, DKS+11, LB98, MY09, NPR15, RZ98, WW02, CTU00]. **State-Control** [Zei94]. **State-Dependent** [BHHE03, Kus13, Kus14]. **State-Feedback** [Sch92a]. **State-Space** [BB98, BMS05, CYL97b, HLG93, HO01, JL93, LM13b, NR97, OMS90, RNK91, Son86b, WS95, Son86a]. **States** [BB94, Bia83, DDH15, Mur86, Rai99, Sch09, Sch86, SP05, Vie00, Wec84]. **Static** [BP07b, EF09, EG02, FG15, GYBL15, HMW12, HS13, Lei01, Loi88, Wac12]. **Stationarity** [HMW12, HT10, Wac16]. **Stationary** [AW83, CM16, CD89, Cau13, Cer01b, CNP98, EH10, FR05, Gla05, GK06, GK98, Heu94, LI00, LP85, Lou94, Pav84a, Sny77, Yan96, dlRT07, GR85a]. **statique** [Loi88]. **Statistical** [Vig97]. **Steady** [CMR07, CT04, DG14, Haa82, PZ13, Sch80b]. **Steady-State** [CMR07, CT04, Sch80b]. **Steepest** [War77]. **Stefan** [FHY88]. **Step** [BBG12, BG13, Dun80a, Dun80b, FP99, Pfl86, RS13]. **Step-Length** [Dun80b]. **Step-Size** [Pfl86]. **Steplength** [Phe86]. **Stepping** [vDHV15]. **Stepsize** [Bon89]. **Stiefel** [AM14]. **Stieltjes** [Ngo11, Yon93]. **Stochastic** [AD15, ABB02, AMP00, Ahm81, Ahm96, AC13, ACL09, AS88, Aih92, ALP10a, Alv01, AB02b, Alv04, AL08, AT92, AT94, AMP05, AHS13, Bag84, BDM07, Bal91, BTY11, BS86, BP88a, BEK89, BD83, Bar80c, Baş84, BL89, BK97a, BM99, BB08, BD02, BP05, BS13a, BY13, BZ15b, BKS10, Ben96, BHS05, BD11b, BSVD84, Bv85, BCS15, BW88, Bis76, Bis77a, Bis77b, Bis78a, Bis12, Bla76, BM84, BRT15, BK80, Boe05, BCM12a, Bor83, Bor93, Bor98, BM00c, Bor00b, BG05, Bor10, BK10, BK16, BEI10, BET10, Bra98, BBE99, BS13b, BK02, BCR04, BM07, BQT08, BL08a, BHL12, BLP14, BN16, BR07, CK95, CFN07, CFH09, CGS00, CGLM02, CLHH05, Cer01a, Cer01b, CPY09, CE98, CEK03, Cha14, CG90, Che98, CLZ98, CZ00]. **Stochastic** [CZ04b, CY12, CLYL13, CH09, CFR13, CF14, CR93, CMR85, Chr78, Chr80, Chr83, CE11, CF13, Cos13, CC90b, CI77, DD99, DXG15, DDT00, Dav76b, DY13, DFM15, DR08, DR87, DR97, DM13b, Du15, DM02b, DM04, DM06, DMPD94, DMPD98, DMPD00, DHPD00, DMPD12, DK85, DK86, DK89b, Ega08, EAK86, Ell76, Ell77, ED81, EK09, EGN85, FGQ97, Flå92, Fla90, FSS87, FZ98, FP04, FTV98, Flo95, Flo97, Flo99, Flo02, FP99, FMSV16, FC05, Fra82, FT04, FHT06, FMT10, FO16, GCL15, Gar76, GM91b, GGW91, Gli12, GM05, Gom89, GTHLHR02, GRC81, GHX86, GRS00, GŠZ05, GŠZ10, Gri86, GT05, GM09, GT14, Guo90, Guo94b, GMY16, GW96b, Ham06, HPW10, HSBTZ13, HJ13, Hau78a, HAB78, Hau78b, Hau94, HS95b, HLL00, HLR01]. **Stochastic** [HP96, HP98, Hin14, Hop87, HZ03, HZ05b, HZ05a, HP09b, HJZ12, HJ16, HCM05, HM09, HWX09, HLZ15, Ich79, IY12, JN06, JH00, KP97, KM16, Kam10, KB81, Ken80, KZ00b, KT03c, KK02, KS15, Kru00a, Kru00b, KV13, KS81, Kum85, Kum08, Kum13, KK76, KH79c, KH81b, KS84b, KS85c, KY87b, KR87b, Kus90, KM91, KY92, KY93, KVA96, Kus02, Kus04, Kus07, Kus13, Kus14, KW78, LY91a, LY91b, LN82, LR00a, LXY16, Lep90, LC01, LXZ11, LM16, Lia15, LB00, LZ01, LP79b, LM97b, LM82a, LM82b, LRT96, LZ06, LK10, LLC11, LK11, Liu14a, Lü13, Lü14, Lü15, Ma92, Ma09, Mah03, MS92, Man04, Mao90, Mas08, MNC14, Med12, MS98, Mey89, MC91, MT08, Mik15,

MR97, MR86, MSv86, Mor11, Mor13, MS07b, MS10, Nag85, NN90, Nag95, NE04]. **Stochastic** [NC13, Now85, Now89, NA02, NJD09, ØS10a, ØS12a, Ols76b, Ols76a, Ols76c, PB96, PB99a, Pap81, PB99b, Pav80, Pav84b, Pel00, Pen90, Pen92, PW99, Pfl86, PJ92, QZ13, RM92, RMZ02, RCA12, Ris86, Ris94, RW87c, RW76, RW90, Rog07, RSV04, RS13, RS93, SC16, SZ95, Sha10, She85, SSK02, SB78, Sîr14b, Sîr15, SPBF10, SS89, ST02, ST09a, SZ10, SY14, SCFV97, Tak97, TL94, Tan98, TLC99, Tan03, ThH07, TZ09, Tan15, Tar85, TKXP12, Tsa78, Uch78, Uch79, Uch83, UP99, UP02, Var76, Vie00, Vin77, VP15, VZ97b, WD79, WWX13, War76a, Wee92, Win78, WZ01, WY08, WCS12, Xie12, XC03, Yak93, YM92, YK91, YT13, Yan14, YZ16, YZZ01, YXJ11, Yon02, Yon10, Yon13, Yu15b, YL12, Zha95, ZC06, ZES12, ZZ15, ZD14, Zho92, Zho93, ZYL97, Zho98]. **Stochastic** [vH06, vW84, CL06a, Flå95, GRC82, HS95a, HU78a, KS84a, KS85a, Qua80]. **stochastique** [HU78a, Qua80]. **Stock** [DYZ12, KMZ98, LS09, RH06, Zha01a, ZZ09]. **Stokes** [AHJM10, Bad09, BT11a, BRS11, BD11a, Bar12, BFCLS97, BB97, BP13a, CMR07, CC16, Cau13, CRR12, DI94, DRT11, FGB95, FCGIP06, FRS16, FGH98, FGH05, GI04, GK98, GM99, GM00, HW14, Hin05, HY97a, HY97b, HR98, KC10, NR15, NMI15, Oss01, PS06, Ray06, Sla00, Sla03, Ton03, Wac07, Wan02, YDZ98, dlRT07]. **Stokes-Type** [BB97]. **Stone** [AR99b]. **Stopped** [Zhu92]. **Stopper** [BH13]. **Stopping** [Alv01, AMR14, De 15, BX12, BY14, BL11, CPY09, CY12, CS02, DFM15, DR06, Dor90, DQS16, EP08, KW00, LS05a, LW10, LS09, LYZ15, Men80b, Mor03, Mor10, ØS12a, Osh06, PS10a, PL15, RH06, SY09, Ste11, Sza95, Zer03, KS84a, KS85a]. **Stopping/Stochastic** [DQS16]. **Storage** [KF03, PB09]. **Strategies** [AA86, Ber92b, BC11, CLS97, FTV98, HK13, HHPY16, HK94, KMP13, KS81, LZ13, MSVA09, Nag03, Now89, Piu15, PH92, Sîr14b, Sîr15, SQS09, TV02, YXJ11, Ye97, Yon90]. **Strategy** [AC06, AG88, BIK99, FL80, FL82, GV05, IK07a, YXJ11, Yu15b]. **Stratified** [BBV13, Mir86]. **Strengthened** [Lic13]. **Stress** [BS06]. **Strict** [Bah08, BP04, BP06, Cel07, Cha91, FBJ09, HPW83, ZL01]. **Strictly** [HH83, Mee89, SD13, Tse90]. **String** [Far08, Gug07, GX04, HZ95, Liu88, LZ16c, LPS12, XG03]. **Strings** [Dág04, Ho93, Leu99, Sch92c, XLL08]. **Strong** [AN15a, ASZ02, BS16, BC96c, Com00, Fei80, Hir86, LR79a, LW12, Liu95b, MY79, MVZ$^+$09, PS11, Ris94, Sha15, SIC00, VZ16, VL78a, WZY09, WR14, Yin99, ZY09]. **Strongly** [Buc92, Hut09, OCI00, Ros92a, Shi88, Shi90]. **Structural** [ALR99, BFZ00, BGHR16, Buc75, Buc77, CS12b, Dai88, Kot94, LT83b, LBMH$^+$16, MY79, MPC91, Mur87, Nto12, Pet85, PS13, Uch83, WC91, WXY05]. **Structurally** [MRR13, Mur89]. **Structure** [AS03, AMZ04, AP92, Bac79, BGRW88, BCT10, CYL97a, CCW14, CN10, De 83, DTWY91, FV98, HP09a, Imm07, Kam76, Kog87, KS89b, Leq13, LM13b, MVZ$^+$09, MT09b, MV91, OW96, Qua04, Ray10, Sal85, Sch88b, Sch88a, SD98, Sha01, Sha88b, Sus87c, Sus87d, Teg84, WORO00, Loi88]. **Structured** [Aub11, BGM05, BFT96, JHMG06, MV91, Pet02, SSW15, vdW99]. **Structures** [AT92, AT94, AST05, DvdS98, GA91, LZM05, MT09a, NMI15, Oht08, TK81, UMD88, WSR04, WS87]. **Student** [ABP14]. **Study** [CGM98, CL87b, DMS03, DJ95, EP93, Hag05, HPT07, HS09, MA01, Mur87, PA99, PW84, QS13, THA02]. **Sturm** [Far13, KS86]. **Sub** [AM14, BBG12, BG13, Gug03, LM00, GGP02]. **Sub-** [Gug03]. **Sub-Finslerian** [LM00]. **Sub-Riemannian** [AM14, BBG12, BG13, GGP02]. **Subadditive** [BS80]. **Subanalytic** [ŁS85b].

Subderivatives [BZ96]. **Subdifferential** [Sd10, Thi97]. **Subdifferentials** [JT11, Pen13, Thi91, Tol16]. **Subgradient** [CHL82, Kiw96a, Kiw96b, Roc96]. **Subgradients** [ENW95]. **Subject** [AC13, ACT10, CHL15, DO14, HL11, LCS96, LRT98, Mal97, NT16, RCA12, SDSÁR00, TCC15b, UUH99, YC06, dOG05]. **Subjected** [UMD88]. **Sublanguage** [WR87]. **Sublevel** [WR14]. **Submersions** [Gro16]. **Submodular** [Top79]. **Suboptimal** [CGS00, CO05, Fat90, Lei01]. **Suboptimality** [MD13, MW02]. **Suboptimization** [Gai92]. **Subregion** [Lag83b]. **Subsets** [ES81a, CC99]. **Subsolutions** [Fis11]. **Subspace** [Dun91, Dun93, Fon89]. **Subspaces** [DM89, Emr80a, EH80, Fra82, Hey76, LMP95, LM97b, ÖL89, RN13, Tie14, WXZ15, Zwa88b]. **Successive** [BT98, QC95]. **Suffice** [BGMR94]. **Suffices** [AB10b]. **Sufficiency** [Cha82, Man85, PS00, Sta78, Zei84, Zei92, Zei94]. **Sufficient** [AX02, ANS14, BM00a, Bah08, BLR92, BO14, CTU00, CLM91, DT92, Dun96, Dun98, Emr82, Eng10, GT93, Gon87b, Gra88, GX04, Her76, Hoe14, Iof79a, Iof79c, Iof79b, Kra09, KR13, LP79a, LP81, Mal97, Man81, MO02, MO04, MP76b, Mir86, Now08, RH06, RL78, RT03, Sar97, Sei88, Stu86, SW99, Sus78, Sus83, TWY90, Uch81, VL78b, WS90, Zho98]. **Sum** [BHM14, BY13, Bis77b, Bis12, BCR04, CLS12, Goe02, Ham06, HZ10a, HM14, HLL00, Jas02, JN06, KS81, Kum08, Kus07, LN82, LS05a, LM16, Man04, MSVA09, Now89, Ols02, PZ14, Ros00a, Shi02, Sîr14a, Sîr14b, Top79, Uch78, VA03, Yon90, Yu15b, Zha05, TA96, TPA97]. **Summability** [NLPT09]. **Summation** [EOF07]. **Summed** [BK03]. **Sums** [Bau09, ES09, TYW11]. **Super** [Nym94]. **Super-Optimization** [Nym94]. **Superconvergence** [MR04a]. **Supercritical** [Gug03]. **Superhedging** [NS12]. **Superior** [CIP96]. **Superlinear** [UU00]. **Superlinearly** [PT87, PTH88, PQ98]. **Superoptimal** [HLG93, JL93]. **Superquadratic** [CR11a]. **Superreplication** [ST00]. **Supervision** [Cha14, TW94b]. **Supervisory** [FM09, JK06, KG95, KS97b, OvS00, RW87b, Sch15b, SK95]. **Supplement** [Iof78]. **Supply** [HFY14]. **Support** [FV98]. **Supported** [Lag83b]. **Supremal** [RZ14, WR87, ZKW99]. **Supremum** [GW76, ZKW99]. **Supremum-Norm** [GW76]. **Sure** [BTY11, BC05a, Bou95, DHX08, GMY16, Mao90, Pel00, ZWYJ14]. **Surely** [CMT03]. **Surface** [BB97, HS03, KN03, KLM04]. **Surfaces** [Car97a, Car97b, SC06, Sta78, Wri93]. **Surrogate** [PV04]. **Survey** [ABFG+93, Aub90b, Iof78, Kum85, LP87, Wag77]. **Svaiter** [Bau09]. **Sweeping** [BV13a, CP16]. **Swimmer** [HT92]. **Swimmers** [CM12]. **Swimming** [Kha07]. **Switched** [AL01, BJ11, Bos02, CL11, DHX08, DHX10, DDG12, FM12, FV11, GC06, HS11, HM02, HSP16, LD06, LK08, LW15b, LH14, MAG11, MBC06, MM11, Orl04, PU15, PRS08, SX14b, SH12, VGBS13a, VGBS13b, YÖ08, ZZS14, CL06a]. **Switching** [AM15, BM11, BCD02, BL09, BØ94, Dai12, DHP09, DE84, DH12, GGP14, GAM93, GAM97, GT08, Heu15, Hin14, Joh05, Kha16, LGP15, LW10, LLC11, McN84, PVZ09, PRS08, SX14a, Sha15, SY09, SYZ12, TZ10, ThH07, TZK11, Van92, VP07, Wir05, Xie12, YX10, Yon90, ZC96, Zha98, ZZ09, ZSM10, ZES12, ZY03, ZY09, ZWYJ14]. **Switching-Control** [Dai12]. **Switchings** [Sus79]. **Symbolic** [FZ05, PT09b]. **symétriques** [Bac79]. **Symmetric** [AL98, BLW07, Bra09, BF76b, Eno94a, FW93, GLR86, HS13, Kru00b, LZM05, LT91, MN77a, PS88, Wec82, WCJP04, Bac79]. **Symmetries** [HRW06, van87]. **Symmetrization** [MTS15]. **Symmetry** [CM04, CMOZ02, HZ10b, KM97, Ohs13].

Symplectic [Cla82, Sak02, WM12]. **Synchronization** [CLG12, DB12, KB16, LXY14, LR16, Ma09, MR09, NL08, SL13, SK95, SPJ15, SAMB14, YCY13, YCLK13, YLYC15, dBLR14]. **Synchronous** [LMA07a]. **Syntheses** [LY90]. **Synthesis** [ALY13, BD83, BC05b, CLS97, Da 87, GKB00, Gre92, Hal89, Her80, IK94, LT83a, MBL00, MSBC08, MS90, NJD09, Orl04, Pic96, PS00, PD02, QS13, Qua03a, Qua03b, RRR16, SDV97, Sus87b, TL09, TFT11, dBMS10]. **System** [Ahm77, All99, AG97a, Alv00, AZ08, ARS09b, BT11a, BHM99, Ben96, BM00b, BP13b, BKK02, CZ98, CM95, CMP15, CG10, CSB15, Cha11, Che84, CRR12, CE06, CFSGS15, CGR10, CVKB13, DS93, DDK10, DMS03, Din15, EMH08, Ell77, Eno94a, FZ98, Flo99, Fra80, FRS16, Fu12, FGH98, FGH05, Gai04, GBBT78, GT07, Gho88, GB93, Gra99, GLT95, GV05, GK06, GX04, Ha88, HSD97, HPW83, HO90a, HW12, HW14, Hin05, Ho86, IP06b, KMM07, KMM11, KT16, KLL10, KOS04, Lar01, Las98, LS05b, Leq13, Lev87, LR16, LZ94, LLR01, LM00, MH78, MSS96, MSBC08, MZ97, MM80a, NL08, Pet88, PAH88, QN82, Rao95, Reb78, RV87, RL78, SFFC08, Sta79, Ter94, TW03, WW03, WCCL04, WP98, WDS79, WS13b, Wir98, WS87, XLL08, Yu14, ZKW99, ZH03, ZJ06, Zua96]. **System** [Zua98, Zd83, vdW99, Gho86b]. **Systematic** [Ber84]. **systemes** [Bon84, Cla86, GB82a, Lob70, Lob76]. **Systems** [AD15, AFT91, AT96, ABL13, Aey81, Aey85, AD02, AL01, AZ07, AL12, AX96, Ahm96, AX97, AC02, Ahm03, AC13, Aih92, AB02a, AB03, AK99a, AS93, AD08, ABB12, AJ12, AK99b, AK02a, Alt09, APGC16, AMV07, AC05, AM81, And82, AHS13, AR99a, ABR00, ABKM96, ABH98, Arm86, ACW83, AW83, Art78, AT82, Art89b, AL02, AF89, Aub02, BM00a, BA08, BT11a, Bag81, Bag84, BP94, BRR02, Bal78, BJ11, BMS82, BCD02, BGM05, BMS05, BKP90, BBC81, BK84, BM86, BW89, BRR90, BFZ00, BS86, Bar85a, BBTN03, BLJ15, Bar78, Bar83, Bar95b, Bar97, BL01, BCL83, Baş84, BK97a, BM99, BD02, Bat07, BR87b, BSDR97, BA15, BFP09, BBGBO14, BBT14, Ben81, BD11b, Bv85, BÇS07, BÇMS$^+$08, Ber82a, BH86, BB00]. **Systems** [BB03, BF05, BGLT16, BPR04, BF90b, BGMS78, BCG84, BC00, BM03, Bla76, BM84, Bli04, BC95a, BC98, BDK00, BDRR98, BT03a, BP13b, BC89, Bon91, BS09a, BFP11, BW79, Boo82, Bos02, BC05b, BC16, Bou95, BI08, BD01b, BO09, BR93, BC02a, BF76b, BBE99, BL00a, BDDSV05, Brü13, Bul01, Bul02, BL05, BCF12, BIP88, Bus84, BCT10, BGM97, BKM97, BGH94, BL08b, CGM14, CT13, CZ95a, CL02, CFN06, CFN07, CGW01, CM16, CPS06, CD89, CG00a, CG00b, CJK13, CGR96, CGS00, CGLM02, Car15, Cer01a, CQ05, CM04, CL11, CZ99, CCF07, CFNG10b, CLYL13, CCC16, CDM90, CM03a, CJT08, CS10b, CDL85, CK78, CMR85, Chr83, CM00, CS05, CH12, CMT11, CW81, CW03, Cob06, Col11, CH78, Col82a, Col82b, CW09, CK09, CS84, CP82, CP95]. **Systems** [CM76, CG92, Cor94, Cor95, CBdN08, CGW10, CB15, CMOZ02, CM03b, CvdSC05, CB05, CdV02, CdVF05, CA09, CA10, CdSBT09, Cro84, CI86, CP76, CP77, Cur84, Cur85b, CS86, Cur03, CO05, DAR15, DI87, DI90, Da 14, DHX08, DHX10, Dai12, DXG15, DS93, DvdS98, DRW10, DM13a, DV04, Dat88, DH84, Dav79, DCBT88, DM89, DMK90, DL13b, DJ13, De 00, DDG12, Den98, Dew76, DR05, DGM89, Di 91, DGKL10, DKR08, DFP14, DJZ96, DCI07, Dol79, DD03, DV83, DFCGBZ02, DMS02, DMS12, Dre77, DMPD94, DMPD98, DMPD00, DF98d, DK86, EF09, Efi12, EPR14, Ega80, EI13, EK97, EDM05, Emr82, EG02, EOF07, EP93, EMP$^+$16, Eva13, FW92, FW93, FZ05, FM12, FB08, FM94,

FP08, Fei76, FR78a, FKT86, FG15, FCG16, FCG06, FZ00, FS16]. **Systems** [FCJ14, FPT15, FA89, FKN96, FK83, Flo97, Flo99, FTZ87, FT89, FGS93, FV95, FV98, FV11, FR05, FC05, Fra89, FR99, Fre00, FA13, FP03, Fuh76, Fuj80a, FS10, GKB00, Gai92, GN02, Gai04, GLZ04, GCC07, GMCL10, GGM01, GB82b, GK94, GW16, GK87a, GJP88, GMP00, GPB91, GPS95, GBGdO00, GdOB02, GC06, GGF09, GV00, Gha11, GD88, GAM93, Gib83, GRT92, GCP88, GL97b, GK86, Gon87a, GTHLHR02, GR88b, GHX86, Goo76, GTSN13, GZ14a, GZSAB13, Gra81, Gra82, Gra88, GBo97, Gra07, GH15, GLT95, GL05, GK85, Gri88, Gri93, Gro16, Grü96, Grü98, Grü00, GN03, Grü09, GKLM92, GL11, Gue07, Gue03, GO14, GM11, GHJ00, Guo90, GZ09, GZ13, GP82, Ha88, HK07, Hab96, HHI$^+$13, Had06, HD11, Hag02, HP10, HMA81]. **Systems** [HH83, HPW10, HS11, HSBTZ13, HZB13, HL92, HYZ11, Hel93, Her86, HL81, HLR01, HM83, HO90a, HP96, HP09a, Hir76, Hir77, Hir79, Hir81, Hir86, HD87, HD88, Hir90, HMQD99, HR83a, Ho86, HM02, HY97b, HZ05a, Hu15, HSP16, Hua88, Hua07, HV00, HNv92, HMA97, Ich07, IS12, Igl96, IRS02, IM05a, IM05b, IRT07, ILR10, IST16, IP06a, Imm07, IPM10, IP87, IK90, Ito90, IK94, II97, IK07a, JLZ98, JZ99, Jac04, JL76, Jak80, JS90, JR06a, Jam14, JLR09, Jay10, JK06, JH14, Joh05, JM05, Jou03, JS84, KC15, KP97, Kam76, KH79a, KH79b, KKP85, KK92, Kan98a, Kan98b, Kan00, Kan82, KS87a, KS89a, KJ07, Kar11, KK12, KK16, KHP06, KY87a, KLR09, Kha82, KB01, Kim78, KN77, Kno76, Kno79, Kob76]. **Systems** [Kob77, Kob78, Kob79, Kob83, Kob84, Kob88, KM86, Kom97, KL99, KY05, KM97, KS93, KHJ14, KS85b, Kre77a, Kre87, KL02, KP94a, Kub85, KV13, Kum83, KGM93, KG95, KS97b, KM04, KK76, KH81a, KS85c, KR87b, KR88, Kus89, KY92, Kus95, KVA96, Kus14, KW78, Kwo80, Lag83a, LY91a, LY91b, LGP15, Lam87, LD05, Las84, LR00a, LZM05, LY90, LD06, LB08, LK08, LMJ09, LO15, LR79a, LC01, Lev87, LM97a, LSDS13, LY91c, LR03, Li07, LXZ11, LL13, LZ16b, LŻ11, LAKG92, LFM07, Lin14, LM97b, Lin07, LNP00, Liu88, LCS96, Liu97b, Liu97a, LS99b, LZ06, LK10, LLX11, Liu13, Liu14a, Liu14b, LH14, LL15, LW15c, LFH15, LF15, LAN04, LZ92, LI94b, LRW96, LT97, LRT98, LR00b, LM02, LT03, LRT05, Log13, LT13, Lom12b, LR06, LM08, LMPR09]. **Systems** [Lü15, LDZ10, ML13, MP14, Mac14, MRL12, MT09a, Mai03, Mai13, MDB05, MP99, MAG11, MT78, Man81, MT94, MR15, MRv94, Mar77, MH78, MP76a, MBC06, MS05, MCS13, MB04, MNB11, MNB12, McC76, MADF98, Mee89, MSJ15, Mey89, MC91, Mic80, MSR01, MM80a, MM80b, MMK86, Mil88, MS90, MR86, MRP99a, MRP99b, MI15, MV07b, MM11, MPC91, Mor79, MPS99, MS04b, Mos80, Mos82b, MR96, MC12, MCWY14, MLYF02, Mur87, Mur89, MV91, MS85, NE04, Nai87, Nai95, Nak83, NOV03, NZ99, Nar82, Nar84, NC16, NvS09, NPvS13, NMBM98, NCL13, Ngo09, NT16, NBF16, NM10, Nie14, NS86, NLW91, NC13, Nto12, NJD09, O'B79, OT83, OMS90, Obe91, OW96, Obe06, OM14, Ohs13, OMK84, Oht08, OVS08, OC04, Opm07, OS10b, Orl04, Ouv78a]. **Systems** [Ouz10, OOS15, ÖT90, ÖL89, Öze85, ÖW92, PB09, PP13, PB96, PB99a, Pan83, Pan92, Pan98, PPZ13, PP10, PP14a, Pav13, Pav84b, Ped91, PPL09, Pep14, Pep16, PR14, PI99, Pet85, Pet02, Pet04, PR01, PAS00, PGB14, PD92, PRG16, PS99, PW02, PD02, PQ00, Pla80, PT09b, PK95, Pon09, PK87, PRS08, PR07, PC00, PT06, PW78, PS87, QLD01, QV04, QV13, RS07a, RJME09, RG14, RW87a, RW97a, RM98, RS10, RNK91, Reb88, Reb89, RT98, Reb77, RCS01, RV09, RR13, RN13, RCA12, Ris94, RW97b, RW01, Roc89, RL06, Ros84b, RW92, Ros92a, Ros94,

RK89, Rud78, SKS90, Sac97, Sak83, SS99a, ST14, SL16, Sch15b, SB80, Sch02, Sch83, SL98, SA96, SZ95, SK86, Sha88b, SK95, SX14b, SP05, SH12]. **Systems** [SB94, Da 16, SO06a, SO06b, SK94, SRS15, Sle78, Sny77, Sok87, Sok88, SD13, SDSÁR00, SD15, Son79, Sor96, ST09b, Sta98a, Sta98b, SW12, SC80, SS03a, Sto91a, Sun81, Sun82, Sus83, Sus87b, Sus87c, Sus87d, Szn93, TP05, Tad88, Tad89, Tad97, TR02, Tal05, THA02, TL94, Tan00, Tan03, ThH07, TBP14, TC13, TZZ88, Teg84, Ter94, TW94b, TL09, TG12, TC14, Tie14, Tod83, TF08, TF11, TK81, Tri78, Tsi91, TO15, TSNvL08, UP99, UP02, Val01, VS80, Van94, VGBS13a, VGBS13b, Vel97, Ver97, VZ00, Vid77, VJ77, Vin80, VK81, Viv03, VP15, WD76, WS92, WC96a, Wan98, WZ12a, WWX13, WR14, Wec82, WC96b, WR00, WZ09, WW83, Wil77a, WZ77, WCJP04, Wir98, Wir05, WŽ07, Won09, WORO00, WCS12, WJE16, WJZ12, XB99]. **Systems** [XS96, YC06, Yam88, Yam89, Yam12, YÖ08, YL10, YK91, Yan95, YD08, YW12, YYH+16, Yin99, YZ97, YLL+15, YG95, Yu95, Zam98, ZBA13, ZP03b, Zha95, ZHC06, ZJ06, ZC06, ZCC07, ZLHZ12, ZZS14, ZHSP14, ZGS99, ZZWY10, Zho84, ZK88, ZH02, ZH05, Zho07, ZLD10, ZJ89, ZY07, Zol81, ZWYJ14, Zuy16, Zwa88b, Zwa88a, dSF01, dFS15, dBMS10, dBLR14, dRSV09, van95, vRM98, van98, van82, vdSM13, Bon84, CL06a, Che16, Cla86, Col85, Cou83, Cur85a, CW06, Dai88, FR82a, FCGIP06, GB82a, GB84b, GK95, HR83b, JS91, Kum88, Lob70, Lob76, Mos82a, SC81, You87].

Takagi [BMS05]. **Tal** [HN96]. **Talking** [OVS08, SO06a]. **Tangent** [Bor78, Urs82]. **Tangential** [Oss01, Pan13]. **Tanks** [BRS14]. **Target** [BEI10, BET10, Car96, DF96, DF98a, Fat90, Mor11, Qui92, RS10, ST02, ST09a, Whi79]. **Targets** [ABB15, FFP+09, Sch80b]. **Tasks** [Sch15b]. **Tau** [IT87, IT86]. **Taxes** [TST07]. **Taylor** [CHN94, Lom12b]. **Team** [BP12, CL06b, dWvS00]. **Teams** [GYBL15]. **Technique** [Coh97a, PT13, Ste92, TFL14]. **Techniques** [BW89, BK97b, Coh97b, Flo95, Gug10, HP87, KV06, Pap86b, POU11, SS03b]. **Telephone** [SN82]. **Temperate** [Gor15]. **Temple** [AC05]. **Temporal** [JK06, PR07, Yu13]. **temps** [Bac79]. **Term** [CGR10, DFCGBZ02, Kha03, LZ13, LY09, NP06]. **Terminal** [AJK14, BMS15, BK83b, CM81, Gen13, GHQ15, HQZ16, PQ00, TZ07, WM12, Yon10]. **Terms** [CM06, FCLZ16, GGH16, LT86, Ulb02, WD14, Zha00, Pet04]. **Ternary** [Ols14]. **Test** [BP08a, Bre85, JZ09a, PI99, PP00, Sha14]. **Tests** [BB03, HW03]. **th** [MNC14, ZWYJ14]. **th-Moment** [ZWYJ14]. **Their** [Bal86, BKS10, Bis82, BR93, BCT10, CK89, Dat88, GN03, HP96, IK11b, Kno79, NLPT09, PW78, SO06b, Yam88]. **Theorem** [AD02, AG88, BET07, BL00a, CCF07, CF14, DGSW14, DPT04, DR06, FS16, Flo02, GS93, Gar76, Ger06, GŠZ05, GŠZ10, HS12b, Iof76, Iof79a, Jah88, KS90a, KT03a, KJ07, LSW96, Lor08, Mam14, Pet90, Rei83, Sha88b, Sta78, Sus79, Sus87a, Tar90, Tsi92, Tsi95, Wir05, Zag00, dFS15, Kup85, Ber98a]. **Theorems** [Ang76, CMC81, CDG15, DRW10, Die87, DTWY91, Doy94, Gar03, GW16, HS11, Hew93, Iof78, KT04, Kin84, KL99, LL00b, Liu97c, Mey89, MB12, Mur86, Now85, Sha10, TSNvL08, Wag77, Zha15, ZYL97]. **Theoretic** [BMM85, BD77, LAKG92, Mur89, RJME09, WS87]. **Theoretical** [MRVM00, SB78, Zua96, Zua98]. **Théorie** [LM84, Bac79]. **Theory** [ALP10a, AT00b, Aub90b, Bal91, Bal84, BK82, BRR90, BSS93, Bas91, BP12, Bay09a, Ber84, Bis77b, BC96b, BC96c, Bd95, Bor93, Bor10, CF91, Car97a, Car97b, CH96, CE06, Cur76, CP77, DG90, DR77, DHPD00, Dun91,

Dun93, DK86, DRDG08, Fat94, Fer97a, FP04, FT89, FD87, Fra80, Gen13, GL95, GA91, Gil77, Gon87a, GKLW14, HM76, HdHVW03, IM05a, IO96, IM98, JS81, JM05, KH79a, KH79b, Kar89, Kaw01, KN13, KT03b, Kre77a, Kre87, Kwo80, LP85, MH78, MP76a, MS07a, McS89, NvS09, NPvS13, NC13, NS14, OBL11, OCI00, Ouv78a, Ouv78b, PT86, PP10, Pul96, Rav00, RW00a, RW00b, Sak02, Sav05, Sch89, SD98, SC16, SL98, Sub81, VS80, Vin83a, Vin83b, VW90, WK77, Wir98, XW12, ZKW99, ZP03a, Bac79]. **theory** [LM84, Wac07]. **Therapy** [LS07]. **There** [Lim05]. **Thermistor** [HMRR10, HLP08, LS05b]. **Thermoelastic** [AL00, GRT92, Han94, LZ94]. **Thickening** [Ara13]. **Thickness** [MP07]. **Thin** [BF07, Del04, TW03]. **Thinning** [Ara12, Bré79]. **Third** [RZ93]. **Third-Order** [RZ93]. **Three** [BGMR94, CD13a, DGH09, DKS+11, Eno94a, FGH05, GH12, MZ15, NCL13, PBPB15, RS15b, Sch88a, WX13]. **Three-Body** [CD13a]. **Three-Dimensional** [DGH09, DKS+11, FGH05, GH12, MZ15, PBPB15]. **Timber** [Alv04]. **Time** [AD15, AL12, ACS00b, AS93, AD98, ABB12, AMP10, Alt09, AKN00, Ama04, AMV07, AM81, And82, AOS16, ABKM96, ABFG+93, AK04, ALR99, Bag81, Bag84, BRR02, BKP90, BS86, BLJ15, Bar91, BL01, Bar89, BF90a, BP88b, BL96, BRS14, Bay09b, BBT14, BG09, BR82, BB00, BP14b, BFPB13, BV13b, BC00, Bla97, BHT10, BJ10, Bon85, Bon91, Bd95, BS09a, Bor84, BC05b, BI08, BT13, BMO15, Bre86, BP98a, Bru76, BN16, BK98, BK99, BK00, BLS12, CGM14, CD13a, CC04, CN11, CG00a, CG00b, CJK13, Car97a, Car97b, CP00, CLS12, CLLP13, Câr93, Car12, CHJ87, Car90, CGR96, Car15, CO03b, Cér00, CG90, CZ04b, CFNG10b, CLYL13, CG13, Chr83, CL86, CW91, CW03, CE11, CMW06, CN10, CP16, Cor95]. **Time** [CdV02, CdVF05, CA10, CR11b, DI90, DKL09, DHX08, DHX10, DS93, DGSW14, DLP86, Dat88, De 92, DL09, DR87, DS99a, DS07, DBS05, Din15, DC10, DF98d, EPR14, Ega80, EDM05, FKT86, FCG16, FPT15, Fis11, FM95, FKN96, FV11, FB01, FR05, FC05, FNV10, FP03, Fuh76, GCR09, GVL12, GW16, GPS95, GBGdO00, GdOB02, GC06, GGF09, GGW91, GAP+09, GGH16, GB93, GL13, GR88a, GLK12, GH14, GK86, GTHLHR02, GRC81, GHX86, GL99, GZSAB13, Gra88, Gri93, GN03, GPSW10, Gug07, GK11, Guo90, GC05, GHS12, GHZ15, Hab96, Hai86, Hal89, HZ10a, HM14, HG92, HRW88, HZB13, HAB78, HYZ11, HOPS87, Hei88, Her96, HdHVW03, HSV00, HW99, HK01, HJF10, HZ10b, HJZ12, HMR15, Hu15, HSP16, Ich07, Igl96, IM05a, IM05b, IO96, IK10, Jac04, JS90]. **Time** [Jam91, Jam14, JH14, KC15, KM16, KH79a, KH79b, KKP85, KF03, KT03a, Kar06, KT05, Kha95, KWY08, Kim78, KY07, Kno76, Kno82, Kob77, Kob83, Kob84, KN14b, Kra09, Kra93, KS89b, KL02, KV13, Kul93, KS81, KW13, KM04, Kus78a, Kus89, Kus90, KOS04, LS05a, LM13a, Las84, LW10, LD06, LK08, LL13, LAKG92, LFM07, LW11a, LM97b, Lin07, LK10, LH11, Liu13, Liu14b, LH14, LR97, LR00b, LM02, LT13, LW11b, LW15d, Lun91, LDZ10, Ma09, ML13, MS92, Mal02, MZ15, Mam14, MPZ03, MG13, MSBC08, Mat05, MO02, MO04, MB04, Maz94, Med12, Mee89, MV07a, MV08a, MV08b, MRV11, Men80b, MR90, MP76b, Mey89, MR09, MS97a, MP11b, MM11, MPS99, MS03, NK94, NLPT09, NT16, OW93, OW96, OMK84, OC04, Opm07, OS10b, OS12b, OS14]. **Time** [Orl04, Osh06, Ovs14, OOS15, PS10a, Pav84a, PPL09, Pen13, PL15, Per81, PR14, PI99, PA99, PAS00, Pha00, Phi94, Pic96, PD02, PZ11, Piu15, PS13, Pon09, PK87, PZ13, PRHL06, PRHL08, QS13, RG14, RRR16, RNK91, Rei95, RCS01, Riv90, RX15, RW78, RW90, Rod82, Ros92a, Rot96,

RV93, SL16, Sch88b, Sch88a, Sch80a, Sei88, SK86, SH12, Shi02, SJ13, SB78, SFFC08, SO06a, Sîr14a, SI00, SI03, Sny77, Son79, SS03a, SSL11, Ste04, Sto92, Sus87b, Sus87c, Sus87d, TA81, TZ07, THA02, TBP14, Ter94, Tie14, TF08, TF11, TV02, TS95, TFL14, TO15, Vel97, VK81, VW90, VP15, Wac12, WC96a, WW03, Wan08, WGK11, WZ12b, WZ12c, WXZ15, Was79, Wee92, Wee03, Wim92, Wim94, Wir98, WZ98, WJE16]. **Time** [Xia11, YC06, YÖ08, YW12, YCY13, YXJ11, YY08, Ye00a, YLL+15, Yu14, ZA10, ZCGT10, ZBA13, ZZ13, Zha13, ZH02, ZY03, ZH05, Zho07, ZJ89, ZTC16, vDHV15, Bac79, EK97, EJ89, GRC82, JS91, LZ16b, NC16, WZY06, Wim06, DM02a, Ver97]. **Time-Consistent** [CE11]. **Time-Delay** [ALR99, CFNG10b, EPR14, Hab96, HZB13, PPL09, RG14, YW12]. **Time-Delayed** [Bag84]. **Time-Delays** [LH11]. **Time-Dependent** [BJ10, FNV10, GGH16, HK01]. **Time-Discontinuous** [PS10a]. **Time-Discretization** [Vel97]. **Time-Domain** [Rot96]. **Time-Inconsistent** [HJZ12]. **Time-Inhomogeneous** [CR11b]. **Time-Invariant** [GLK12, Kra93, OS10b, QS13, RCS01, Sny77, WC96a]. **Time-Measurable** [CP00]. **Time-Minimal** [Bd95, BS09a]. **Time-Optimal** [Bar91, BC05b, Bre86, BP98a, Hal89, IK10, MO04, Mee89, MS97a, Pic96, Sch88b, Sch88a, Sch80a, SI03, Sus87b, Sus87c, Sus87d, EJ89]. **Time-Optimality** [CL86]. **Time-Periodic** [Alt09, Lun91]. **Time-Randomized** [PL15]. **Time-Varying** [AD15, AM81, And82, BRR02, BL01, BC00, BI08, BMO15, CGM14, CG00a, CG00b, CJK13, CW03, Cor95, CA10, DI90, DS93, De 92, DC10, FKT86, GB93, GHX86, Gra88, Guo90, HG92, Igl96, IM05a, IM05b, JH14, KH79a, KH79b, KKP85, Kar06, Kha95, KM04, LAKG92, Liu13, Liu14b, LR00b, MB04, MPS99, NK94, PI99, PA99, PAS00, PD02, Pon09, PK87, RNK91, SS03a, THA02, TBP14, Ter94, Wir98, WJE16, YCY13, ZZ13, Zha13, ZJ89]. **Times** [Alp10b, BP07a, BFZ10, CR93, KN14b, LB08, LYZ15, SY09, TYW11]. **Timoshenko** [AZ08, KR87a, LLS93, Leu99, MM04, VS14]. **Tip** [CM98, Guo01, KGBS08]. **Tip-Force** [KGBS08]. **Toeplitz** [BC02b, HBS06, NHG99, ÖT90]. **Tolerant** [BL15]. **Tomography** [ADK08]. **Tools** [HD11, TP95]. **Topological** [AHJM10, AGJK12, CNS10, DHX08, GGM01, GI02, GI04, HJM07, KL16, KP94a, MH78, PS04, SAM03, SZ99, Toa11, Tow96]. **Topologies** [BF05, LLC11]. **Topology** [ACT10, Ams13, BS06, FIR06, Gün95, LG09, MM80a, SZ03, ZZ13]. **Toroidal** [RFF15]. **Torque** [CCW14]. **Torus** [DH98a]. **Total** [Cha11, RCA12, Sto76, TCC15b, Yu15a]. **Trace** [BRW05, FV95, Kim93b]. **Track** [IP06b]. **Trackers** [KP87]. **Tracking** [AMP00, AG97b, Ber95, Ber98a, BP08a, BM00b, BJ02, CDDP11, CC16, CG90, DJ95, DKRV13, Eno94b, EH10, GM99, GM00, Guo94b, HL92, HD87, HD88, Hir02, HY97a, IRS02, ITT04, IRT07, IM08, ILR10, IK96b, KLR09, MZ15, MT09b, ÖW92, POU11, PP00, SBBV15, YL10, ZZ92, ZZ94]. **Traction** [GY98]. **Trading** [Kar89, Zha01a]. **Traffic** [AK99b, AK02a, CJS08, KR89, Kus95, KM96, MK90, MSS96, MMN09]. **Trajectories** [AS03, Ahm83, AG97b, BBV10, BBV11, BCM13, CF91, CJT08, DKRV13, FL81, ISdCN99, KBDK03, LS99b, PV15, Pap89, Roc89, Sch88b, Sch88a, Sus87c, Sus87d, VP88, XA93, ZCGT10, Zer05]. **Trajectory** [ASZ02, BS90, BS93, MA03, PS11, RW01, SK95, Tad88, ZL01]. **Trajectory-Based** [MA03]. **Transaction** [AMS96, BP10, BZ15b, BMS15, BC12, Cal09, CSZ13, DJLY09, DPZ93, Kam03, OS02, ST13, Zar92]. **Transcendental**

[Gho86a]. **Transfer** [BGKV80, CPW88, Hag05, HRW06, KKP85, MH78, Mik07, OMS90, TKH10]. **Transfer-Function** [KKP85]. **Transfers** [Izm96]. **Transform** [Dat80, HdHVW03, Obe07]. **Transformation** [Far13, Nih83, OMS90, WM12]. **Transformations** [ABH98, BA08, Cla82]. **Transience** [Ich11, Kre78]. **Transient** [ÇR14, DB12, GH14, IRT07, ILR10, LXY14]. **Transients** [KNP91]. **Transit** [KN14b]. **Transition** [CCHP12, JN06, Küe07, LB08]. **Transitions** [AHS13, Ich16]. **Transitivity** [AS93, BW79]. **Translation** [KV07b]. **Transmission** [CFZ10, LL00a]. **Transmutation** [Mil06]. **Transport** [BS03, Fab08, FA13, GKLW14, KY07, Lü14]. **Transportation** [BJO09, CJS08, CSA+13, MT08, Mik15, RR94]. **Transversality** [AK04]. **Transverse** [MS02, MS04b, NM08, Nie14]. **Traps** [Bra98, SSL11]. **Travel** [Alp10b]. **Treatment** [EOF07, IK11b, LS07, MRVM00, PT08]. **Tree** [BB90, Dág04, GL11, PR14, SC12]. **Tree-Like** [GL11]. **Tree-Shaped** [PR14, Dág04]. **Trees** [Alp10b, AB09]. **Trefftz** [MR79]. **Trend** [ABP14]. **Trend-Following** [ABP14]. **Triangular** [HBS06, II97, Pon09]. **Tribute** [BSZ93, BF89a]. **Trigger** [YXJ11]. **Triggered** [RC16, YYH+16]. **Trotter** [Pop95]. **Trotter-Type** [Pop95]. **Truncation** [Bar80a, GO14, RV09]. **Trunk** [Kus95]. **Trust** [DHV98, Kiw89, UUH99]. **Trust-Region** [DHV98, UUH99]. **Tucker** [CFR13, DJ86, DT92, Gün95, IK11a, LP79a, LP81]. **Tuning** [KP87, LW87]. **Turbulence** [DD99]. **Turnpike** [CH96, DGSW14, DR06, Mam14, Zas97]. **Twisting** [Gro12]. **Two** [AZ07, AB93, AB03, AD96, AMP10, AGN+16, Bas91, BHM14, BRS14, BP07a, BF90b, BV13b, BS09a, Car96, CLS12, CD15, CZ98, Cor99, DMK90, DGH09, DRT11, Eno94a, FV95, FK76, FHY88, FRS16, FGH98, GB84a, GS93, Gla05, Gue07, HHI+13, HPS07, HYZ11, Imm07, Ish88, Joh05, KP97, Kin84, KM12b, KW87a, LN82, LS05b, Mar77, MCS13, MD15, McN84, Mee89, Mik15, MP11b, NZ99, NCL13, Nto12, PZ14, RRR16, Ray06, RW87c, SO06a, SS06, SS89, Sta15, Sza95, Tol16, VP07, Vrd16, Wan00, WZY06, Zha05, Zha15, dOP03]. **Two-** [DGH09]. **Two-Dimensional** [AZ07, Bas91, BF90b, BV13b, Cor99, DMK90, DRT11, FV95, FGH98, Gla05, HPS07, LS05b, MCS13, NZ99, Ray06, SS89, dOP03, Nto12]. **Two-Input** [Mee89]. **Two-Level** [AB03, BS09a, Ish88]. **Two-Metric** [GB84a]. **Two-Person** [CLS12, Kin84, LN82, SS06, Zha05]. **Two-Phase** [AMP10, FHY88, Vrd16]. **Two-Point** [AB93, FK76, MD15]. **Two-Regime** [VP07]. **Two-Scale** [KP97]. **Two-Sided** [KM12b]. **Two-Stage** [RW87c]. **Two-Time-Delay** [SO06a]. **Two-Time-Scale** [HYZ11, MP11b, WZY06]. **Two-Valued** [Joh05]. **Twofold** [GMP00]. **Tychonov** [Pue09]. **Type** [Ahm96, ACS00b, AB05, BB97, Ben81, CGM98, CT96, Cha09, CK89, DDK12, DI93, DHX10, DPT04, Fel03, GM93, Ich11, Iof79c, IK96b, JG99, KN77, KL99, KB99, KK76, KH79c, LY90, LHX12, LR16, Liu11, LT13, LW11b, MRV03, Mey77a, MH11, MS96, NBF16, Pop95, RS07a, SC16, Sha10, SO06a, SRS15, ST96, VL78b, WT83, Zha13, ZD14, Cou83, Ito90, XB99]. **Types** [Imm07, ML13].

Uhlenbeck [FP03]. **Unbounded** [BY13, BMS15, CHJ87, CDR08, CSC14, CP77, Cur84, CS86, DD92, Die87, DF94, FCJ14, FNV10, FP03, Gon87b, HLL94, KT16, Las95, LR94, NA02, PPZ13, PP14a, PZ11, PW78, PS87, Ram98, RV90, RZ98,

Reb89, Tri76, Urq05, WZ94, Wei89, WJZ12]. **Uncertain** [AX97, ABB12, ABR00, BBTN03, BCL83, Bli04, CDL85, CdSBT09, GPB91, GPS95, GR88b, GP82, HP09a, KHP06, LL13, LŻ11, Liu13, Liu14b, LT97, Orl04, Pet85, Pet88, Pet02, PRG16, PD02, POU11, QV04, RCA12, RK89, SFFC08, UP99, UP02, VP15, WW83, XUP08, YL10, ZP03b, ZHC06, ZGS99, ZK88]. **Uncertainties** [DXG15]. **Uncertainty** [AF89, Bat07, BD01b, BØ94, BL00a, DK13, DC10, Fra03, HP96, KV02, NS12, Pet02, RCA12, RK89, UP99, YG95, dOG05]. **Unconstrained** [CDP16, Grü09, GPSW10, KS87b, Man95, WRGA14, YF97]. **Uncontrollability** [LHS06, Mai03]. **Uncontrollable** [GL92, Kan00, PB09, QLD01, Sha14]. **Uncontrolled** [Viv03]. **Uncountable** [HLGH98, NA02]. **Undamped** [GH04, KTV16]. **Underactuated** [CM03b, LAN04, RM98]. **Underactuation** [Gha11, NCL13]. **Underlying** [AT82]. **Undiscounted** [ÇR14, Pla80]. **Unfolding** [NPS15]. **Unified** [FC05, Kas09, LN82, SWY12, Tse90]. **Uniform** [AB10a, BD01b, CSC14, CSB15, DL09, DDS15, DHV00, FY76, GG07, Ito98, JV06, KK06, Las98, Léa12, LZ94, Mic09, Mor98, MN77b, OOS15, PA99, Rao95, VZ16, WS13a, Zua90]. **Uniformly** [IP06a]. **Unifying** [AAS02]. **Unilateral** [War76b, War82]. **Unions** [BHPM04]. **Unique** [AD96, CZ04a, DH84, Pie79]. **Uniqueness** [AKN00, BMS15, BB07, DL06, Day09, Gar76, HW03, Hua07, Jak80, McE95, SZ82, WHB92, Zua96, Zua98, GB84b]. **Unit** [Bon89, Bor84, Kus78a, Kus89, Öze85, Yan96, ZVBR14]. **Unitary** [Lou94]. **Universal** [CLS97, Tow96]. **Universally** [DH98a]. **Unknown** [BC96a, BG98, BGP09, BFP09, BBT14, CLRJ13, DKL09, Dre77, HZB13, KR04, Kob79, Mur92, NT16, Pap86b, YL10]. **Unmixed** [Wim92, Wim06]. **Unmodeled** [NK94]. **Unobservable** [BFP09]. **Unreliable** [FGGH15]. **Unsafe** [RN13]. **Unsolvable** [IY12]. **Unstable** [Dav79, GTSN13, GKLM92, Liu03, TSNvL08]. **Unsteady** [AB09]. **Unstructured** [DM83]. **Update** [CR93]. **Upper** [BW88, DM09, JHMG06, Kre78, DK89b]. **Use** [Che84, MP11b, NP96]. **Used** [CDL85]. **Using** [AD08, ASTT09, BH99, BDK00, Bon86, BB04, BDDSV05, CHL15, CR93, CVKB13, DHX10, DH09, FB98, Fer97a, FFP+09, FGS93, Fre99, GM05, GO04, GM11, HN00, KLR09, KA06, KNW95, LF87, LMJ09, Lou07, Mey89, MRP99a, MRP99b, Phe86, PRG16, PP00, PRS08, RM92, RY95, SS99a, Sd10, Tse93, Hug16]. **Utility** [BC12, CS87, EK09, HL16, Heu15, KLSX91, KW00, Kre78, PL15, ST14, SZ04, SYZ12, TZ10].

Vacations [AK02a]. **Vakonomic** [CdLdDM02]. **Validity** [BCM12b, CP98, Cel02b, GBBT78]. **Valuation** [KMZ98, LS09, ZZ09]. **Value** [AFT91, AB93, Alv04, Amm02, AB12, ABK14, Aub02, Bar89, BFT96, Ber85, Ber98c, Bro87, BP98b, CFS15, CLS12, CC96, CL86, DZ76, Dav07, Ell76, FBJM14, FK76, Fuj86, FS10, FGH98, Gal00, Hag02, JHMG06, JV06, KHP06, Koe79, KS81, KW87b, KW87a, Lag77, Lag78, LS05a, LY01, LY02, MW09, MD13, MD15, Mun07, NLW91, PQ00, QR11, SS89, Thi91, VZ16, WL95, Whi79, WT83, Yu15a, Zar84, Ber88]. **Value-functions** [PQ00]. **Valued** [ABL13, Ahm81, BD77, BS09b, BCS13, BK08, CFZ10, FSH16, FBJ09, Fra87a, GS94, GT14, Gui13, GJN08, Hen83, IK08, Joh05, JS81, Kas09, Kas13, KL99, KPV14, KTV16, LY12, MP76a, MS97b, Nur06, Pan13, Qiu13, Iof83, XW12]. **Values** [BR15b, KHP06, LW15d, Sîr14a, TLPA00]. **Vanishing** [BP88b, CQ15, CGW10, Ich07, Léa12, Mal02, Mic09, PPZ13, PZ03].

Variable
[Aub13, BV10, BQ99, BKM97, Dic76, FT14, Guo02, Han77, LZ16b, LBMH+16, MP07, Mur92, SFFC08, Spi80, Yao99]. **Variables** [Che76, Del86, Lom13, Mau77, SD98, VJ77].
Variance
[Guo94a, GHZ15, HLVAC99, Kwo91, LZL02, Lim05, MT03, MTT08, OW00, PLK89, SK86, TFL14, Wee03, XZ07, ZY03].
Variance-Minimization [HLVAC99].
Variance-Optimal [MT03]. **Variants** [DT92]. **Variation** [Boe05, Fer78, PP14b, Pic93, RCA12, TCC15b, Wee03, Wee05].
Variational
[Ach05, Ach08, ATW93, Ama04, AM95, Aus99, Bal01, Bar81, BZ10, BB09, Ber98b, BZ99a, BS93, BCM12b, BC13, BC95b, BFL16, BS00, BLS05b, BO01, BL03, CM10b, CY99, Che99, CCT05, CCT07, Chr77, CM96b, De 11, DHV00, DKRV13, FSH16, FP96, FBP99, FBJM14, Fra84, FR78b, Fri86, Fri87, GW96a, GGP02, GO04, GP94, GJN08, HFY14, He87, Hel93, HTY01, HL11, Hoe12, Hoe14, IZ00, Jam91, KT00, KZ00a, KL16, Lar01, LZ96, Lev99, LY12, LP86, Liu95a, Liu95b, Lou02, LY01, LY02, Mar02, MD89, MP84, MN03, MM11, MW02, Mor03, Muñ00, MN08, Pop97, Qiu13, RH06, RRS14, Roc96, Sag15, SWY12, Shi88, ST96, SS99c, ST09b, TL03, Tim14, Tse91, VZ97a, YF97, YT13, Yon10, Zas97, Zei01, ZJ06].
Variational [Zha09, Zol78, vTY99, vDHV15, BLS05a, Cos13, Shi90].
Variations [BFCLS97, BK03, Bou13, CZ94, CZ95b, DM09, Eke77, Fer05, Hen80, HL04, IZ00, McS89, Mur86, OC12, Sla00, Sla03].
Various [Koe90, KK06]. **Varying**
[AD15, AM81, And82, BRR02, BL01, BC00, BJ02, BI08, BMO15, CGM14, CG00a, CG00b, CJK13, CW03, Cor95, CA10, DI90, DS93, De 92, DC10, FKT86, GB93, GK86, GHX86, Gra88, GPSW10, Guo90, HG92, HSV00, Igl96, IM05a, IM05b, JH14, KH79a, KH79b, KKP85, Kar06, Kha95, KN77, KS86, KM04, LB08, LAKG92, Liu13, Liu14b, LR00b, MB04, MPS99, NK94, PI99, PA99, PAS00, PD02, Pon09, PK87, RNK91, SS03a, THA02, TBP14, Ter94, Wir98, Wir05, WJE16, YCY13, ZZ13, Zha13, ZJ89, Cou83, Gug07, Ver97]. **vecteurs** [Bac79]. **Vector** [AB02c, BZ10, BMT01, CD80, DG90, Den97, EMH08, FSH16, Gfr06, GJN08, Hen83, Her78, HL04, JS86, Khá93, KL99, LY12, Qiu13, Tan88, WCS12]. **Vector-Valued** [FSH16, Hen83, KL99]. **Vectorial** [CZ95b].
Vectors [ES81a, LP79a, LP81, Bac79].
Vehicle [ABB15, SPBF10, ZM14]. **Velocity** [CC16, DZ91, Eno94b, GK06, GKLW14, GHS92, GM99, GM00, HY97a, RS15b, VM00, Vin14, YDZ98, ZY08, dG06].
Velocity-Current [GK06]. **Verifiable** [AMP05]. **Verification**
[FGG11, FM09, Gar03, GŠZ05, GŠZ10, PR07, RM92, RL06, RW08, ZYL97, HS12b].
Version [CZ94]. **Versions** [Roc96, Tsi93].
Versus
[CLMSR00, Kha01, Ram98, CO03a, PZ13].
Via [BP97, Bat95, Dok05, Gra99, Her96, Ito90, Kry98, LY90, MPS99, Sor98, Yan14, Zei92, AS13, All88, AW90, AAA12, AN06, ANR08, Ari98, AL00, BA08, Ber89b, BCG86, BDGR12, CZ95a, CSBC14, CL06a, Cha14, CF14, CB05, Cur85a, Cur85b, Dav76b, DZ88, DI86, DK85, Eva13, FNA02, FMT10, FT02, GMCL10, GY98, GN03, GZ14b, Her80, HLL96, Kan00, KN13, Khá93, KP04, KN03, KM96, LHPT08, Lev85, LNP00, Liu95a, Liu13, Liu14b, LH14, LAN04, MPI07, MR15, MS05, MS07a, MW02, NPS15, NLPT09, Nih83, POU11, Pop95, SO13, Sha94, SK95, SW11, SI03, Sto04, TF08, Wan91, WS13a, XB99, XW12, YD08, YCY13, YZZ01, YCLK13, ZC96, ZLHZ12, ZD14, ZK88].
Viability [Aub90a, Aub90b, Aub01, Aub11, Lor08, Tal91]. **Viable** [Lei85]. **Vibrating** [CMT11, HZ95, Liu88, Nar82, Nar84, Sch92c, WCCL04]. **Vibrational** [Bul02].
Vibrations [Dág04, Pen89]. **Vidyasagar**

[Tsi92]. **View** [DHX08, KRW04]. **Viewpoint** [Bur91b, Qua03a, Qua03b]. **VII** [CYL97a]. **VIII** [CYL97b]. **Viot** [EK93]. **Viruses** [Gor15]. **Viscoelastic** [BDFCGB12, CO03a, LPS12]. **Viscoelasticity** [HRW88, ZH03]. **Viscosity** [AKN00, AB02b, BP88b, Bar85c, BMS15, BB06, Bis12, BZ96, BT11b, BL08a, CR11a, Day09, DR05, Fab08, FGG10, GŠZ05, GŠZ10, HCM05, Hua07, KS98a, Léa12, LW14, LS85a, Lor87, Mai08, Mal02, McE95, Mic09, ST02, Sor93, Sor96, ZYL97, LS86]. **Viscous** [BH00, Cha09, CFSGS15, GHS92, LYLZ99, WC91, ZM11]. **Visibility** [GCB06]. **Vision** [GL95]. **Vlasov** [Ahm07, SC16]. **Voids** [CNS10]. **Voigt** [LL98, LZ16c]. **Volatilities** [ASR+13]. **Volatility** [Ach05, HJ16, NS12, SZ04, TZ07]. **Voltage** [MÖ14]. **Voltage-Actuated** [MÖ14]. **Volterra** [BCM12a, Che16, Cro81, CC87, Gri83, Jun00, Kup85, NNSM08, Ngo09, Ngo11, Nih83, Pav13, PY96, Yon93]. **Volume** [AAC86, Amm02]. **Vortex** [ASK05, KV07b]. **Vries** [Cer07, CRZ13, Ros00c, RZ06, Sun96, Zha99].

w.p [DK89b]. **Walk** [BÇS07, BHHE03]. **Walks** [BR10]. **Wardrop** [CJS08]. **Warga** [Ano95]. **Wastewater** [MRVM00]. **Water** [Bel00, RRR16, RR85, Rei86, Rei95]. **watermark** [JS12]. **Wave** [ACS00a, AN15a, AN15b, Amm02, Bal91, BP97, BC81, BE13, Buc92, CC01, CCM14, CO03a, CSC14, Che79, Che81a, Che81b, CW08, Che76, CDZ94, Dág06, DLP86, Fab92, Far13, FCLZ16, FM08, Fre99, GLS05, Gug10, Gug15, GZ05, GG13, Ho90b, JL14, KB01, Kim93b, Kom91, KKV11, KW13, KTV16, Lag83b, Lag88, LL00a, LS91b, LHX12, LR16, MRR13, Mar99, Mic09, Mil02, Mot00, NP06, Now08, POU11, SMDB97, SCK10, TL06, Teb11, VZ09, VM00, WC89, WGK11, Yao99, Zha00, ZY08, ZC91, ZL07, Zua90]. **Waveguides** [DWZ+16]. **Wavelet** [DK05, GK11]. **Wavelets** [WP98]. **Waves** [BLR92, Bel00, DKL09, DL09, DE14, Oss01, RR85, Rei86, Rei95]. **Weak** [Ahu16, Bal82, BY13, Ben78, BC96b, Bor78, BT11b, BN13, BF93, DO14, DQS16, KT04, KM96, LM16, NZ03, Ouz10, PZ14, Rai99, SYZ13, SW99, Sva11, VL78a, WWZ14, Xie12, YD03, ZY09]. **Weaker** [LXZ11]. **Weakest** [Vin83b]. **Weakly** [AB02a, AB03, BSS12, Fu12, HCM05, Küe07, MYAS09, MS10, Qua03a, Ros92a, Ros00b]. **Wealth** [BMS15, TZ07]. **Weapons** [Win78]. **Wei** [Coh97a]. **Weight** [CLZ98, CZ00, MNC16]. **Weight-Balanced** [MNC16]. **Weighted** [Ber95, DR97, FT89, HK07, Tad97, TYW11, Ver97, Wyn09]. **Weighting** [NLW91]. **Weights** [MG13, Sim76]. **Weiss** [Wyn09]. **Well** [ABL13, BM09, BH07, BEL02, CM03a, CSZ13, Cur03, CO05, GK86, GT14, GZ09, IZ00, Kob77, LT03, LRT05, Log13, Lü15, Ols76c, Smi90, Sta98a, Sta98b, TW03, VS80, Vil04, WZ09, WCG14, Zas00, Zol81, CW06, WW02]. **Well-Defined** [Ols76c]. **Well-Posed** [Cur03, CO05, GK86, Kob77, LT03, LRT05, Log13, Lü15, Sta98a, Sta98b, TW03, Zol81, CW06, WW02]. **Well-Posedness** [ABL13, BH07, BEL02, CM03a, CSZ13, GZ09, IZ00, Lü15, Smi90, VS80, WZ09, WCG14, Zas00, Vil04]. **Wellposedness** [Ahu16, HK07, Zol92]. **Wendell** [BSZ93]. **Where** [Mur86]. **Which** [MS98, MMK86, Pet88]. **White** [ALP10a, Bor93, Bor10, Cur76, DMS02, DF98d, Tud90, Uch81]. **White-Noise** [Bor93, Bor10]. **Whose** [Nag85]. **Wide** [AW83, EAK86, KJ07, Kus79, Kus14]. **Wide-Band** [EAK86, Kus79, Kus14]. **Wideband** [KR87b, KR88, Kus89]. **Wielandt** [Les12]. **Wiener** [AMZ04, BR87a, Dav79, MC12]. **Will** [CFNG10b]. **Win** [CIP96]. **Within** [ZYL97, GŠZ05, GŠZ10]. **Without** [BGM97, Las97, MV08a, SKD99, Sch92b,

Stu15, ZL01, AG88, BFZ10, Cel07, Dav78, DM09, Gro12, Kno77, Sîr14a, War76b, War83, War86, YY08, Zas00]. **Wonham** [BCL04]. **Workload** [Mey03]. **Worst** [GP02, HG02, KS07]. **Worst-Case** [HG02, KS07].

Y. [Mar77]. **Yakubovich** [ZzJh10]. **Young** [Ped98].

Zakai [Ahm96, BK83a, Ito96, BGR90]. **Zeno** [SP05]. **Zenoness** [CPS06]. **Zero** [BY13, BÇS07, BV13b, Bis77b, Bis12, CLS12, Goe02, Ham06, HOPS87, HLL00, Jas02, JN06, KS81, LN82, LS05a, LM16, LH87, LZ06, MSVA09, Now89, OPS87, PZ14, Ros00a, SKD99, Shi02, Sîr14a, Sîr14b, VA03, WS87, Yon90, Yu15b, Zha05, TA96, TPA97]. **Zero-Balance** [BÇS07]. **Zero-Dynamics** [LZ06]. **Zero-Sum** [BY13, Bis77b, Bis12, CLS12, Goe02, Ham06, HLL00, Jas02, JN06, KS81, LN82, LS05a, LM16, MSVA09, Now89, PZ14, Shi02, Sîr14a, Sîr14b, VA03, Yon90, Yu15b, Zha05, TA96, TPA97]. **Zero-Time-Controllability** [BV13b]. **Zeros** [BK08, CFNG10b, Dmi92, LMP95, SWP91, Sch92a, Sch92b, vdW99]. **Zooplankton** [GT07]. **Zowe** [HN96]. **Zubov** [CGW01, CGW08, GS11].

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