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Title word cross-reference

$(1+1)$ [UKI11, Ade16]. $(1+3)$ [LL10a]. $(1+\alpha)$ [BMA11]. $(1,1)$ [CBS18]. $(2+1)$ [Abd18b, AA15, GMZ15, GTZ19, KKK15, KTK18, KT18a, LM19a, LCW19, LGZ19, LTJ$^+$16, zLYmL18, zLZ19, LWW19a, MYZ18, MCF18, ML19a, MGS$^+$14, MPfTX18, Osm18, RKSA18, RS18a, Ray18, RMY19, WZMY18, YTD$^+$18, YGS$^+$16, ZYSY17, ZTSC16, AK16, Ade16, DYH11, KSG11, Kuo18, LK15, LMMF17, MZM18, MK17, Ray17, RRO17, WWD18, XX10, YYLW19, YTS$^+$17, ZA15, ZZ11b, ZDM11]. $(3+1)$ [AGT19, BM18a, BB08, CTSX16, CZ15, CZ18, DTYZ18, GZD18, GABC16, HLLM19, HTM18, Her19, HTY$^+$19, HTWS15, HYC18, KK19b, KK19c, LDL11, LM18a, LZL19, Liu18a, LZM18, LYC$^+$19, LWW19b, LXY19, Man18, Men18, PTZ19, QTW$^+$18, SR17a, SG10b, TZ15, TTX$^+$16, Üns18, YM17, YMLL18, YTL$^+$18, YHC18, ZSAN19, ZDZY17, ZLT18, Asl11, LD11b, LL16d, SR15, WTYZ17, ZM17a]. $(3+\alpha)$ [LHD18]. $(4+1)$ [AAEG17, TDXQ18]. $(A)(C,\alpha)$ [EÇ10]. (α,β) [ADA11, SJN10a, DSA09, Jun10]. (α,m) [ÖAK11]. $(AXB, CXD) = (E, F)$ [ZWLZ18]. (C) [KT11a]. $(C,1)$ [Çan11a]. $(\epsilon_\gamma, \epsilon_\gamma \vee q_\delta)$ [MZJ11]. (F,α,ρ,d) [GKS10]. $(\frac{G'}{G})$ [MCKM12]. $(\frac{G'}{G})$ [JKB11, GMZ15, KBA11, SG10b]. $(H(\cdot,\cdot),\eta)$ [WD10]. (h,q) [Sim10]. $(\in, \in \vee q_k)$ [SM11]. $(\in, \in \vee q)$ [ÖI12]. $(\in, \in \vee q_k)$ [SJN10b].

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KPG18, KVR11, MS18, SMF17, SST12].
Acknowledgements [Ano10a]. **ACOMEN**
[SVP$^+$19]. **acoustic** [ADGG13, BK15, DL11,
EK16, HMY15, HNPS13, HKW15, JPK17,
JPK18, LZ18a, LCP16, MPMTV15, Ray16,
Sea14, Sea16, SSH15]. **acoustics**
[BPC17, VAK$^+$19]. **acquisition** [GMAM12].
across [BOT14, EPP18, JSGP16].
across-time [BOT14]. **ACSP** [QCYL12].
actin [ABH12]. **action** [Kup14]. **Active**
[FQLC18, JW19b, BSK11, CChL14, DB10,
Fer12, HSK11, HT18, LSW16, RSL$^+$18,
RKA$^+$18, SRDD17, WHD14, XJYL17,
yYsZyYL13, jZsQdLmG19]. **actively**
[BG10b]. **activities** [YY10c]. **activity**
[BCF10, Laz10, RIW12]. **actual**
[ABRL18, BCF$^+$14, WSS10]. **actuated**
[LL12c]. **actuating** [CL12b]. **actuator**
[JCWZ16, LLZ12]. **actuators**
[NGG12, RMA10]. **ACW** [MN12]. **Aczél**
[HX10, Yan10b]. **Ad**
[SSM12, CHY12, DA12, LLWZ11]. **ad-hoc**
[DA12]. **Adams** [Gar13, LLML15, PIAH10].
adaptation
[BDM$^+$19b, ILV$^+$19, KH18, Li18e, MPS18].
Adapted [DMP18, LHL14a, PPC15].
adapting [AD19b, MSTB17]. **Adaptive**
[AsNAd10, Amo15, BKDM13, CY14a,
CKRW19, EFK15, GN19, HW16, LCCC10,
PZJ$^+$16, SKTD13, YLC12, AA10a, AKL18b,
BS14a, BS15b, BS15a, Bar17, BGGCGRSP16,
BC17, CDG15, CGGM19, CNV14, CCR16,
CGH14, Che11c, CCH$^+$12, CL12b, CHY19,
CHH14, DESV18, DNP15, DVY14, DLQ16,
FWW14, FOX11, GSZ14, GM14a, HM19,
HD19, JSGP16, JZ13, JW19b, JZE$^+$18,
KWAS16, KS12a, KKJ15, LMR19, LY13,
LZC13, LCK17, LTLL12, MMRN12, MA16,
MSTB17, MKA$^+$10, OZF19, eOS18, PGF18,
Pas14, PPC13, PD17, PDHL12, RZ17,
SPS$^+$13, SWOF19, SZGG11, SS19, SW16b,
Sul16, TSB16, VFM19, VHPVNXW18,
WZY13, YZM$^+$19, Zbo19, ZY17c, Zha17a,
ZLY$^+$13, Zhe11, ZOZZ12, ZG19].

Adaptive-expectation [LCCC10].
Adaptively [TS14, JVMF19, JK18].
adaptivity [CFPP14, DPM15, GGT14,
KdLK19, PS18, VAK$^+$19]. **additive**
[BR16, CG14, DSB19, FMPR15, KC11,
KRAS19, RMK19, SCvdV$^+$19, SM17,
SNEP19, WvDRG19, YL14, ZTY$^+$19, ZLS13].
additive-quadratic [KC11]. **additively**
[KMS19]. **addressing** [FBL11]. **adhering**
[DVM12]. **Adhesion** [CFLM19, YLF19].
ADI [AD15, ADZ19, WLZ18b, BK14,
CL17b, DZW16, HP17, HCLL18, QX19,
WW11c, WV14, WW18b, WCLD18, XZ18,
ZLJ$^+$18, ZC11c]. **adiabatic** [BG15, NNK13].
adic [Sim10]. **adjacent** [LKL$^+$15]. **Adjoint**
[CHBTD14, KFTT13, KTH13, LWR16,
MCL$^+$13, LGL$^+$14, Zha17b].
Adjoint-based [KTH13]. **adjointness**
[Zha17b]. **adjustable** [LLD10]. **adjustment**
[ASSV18, KALAS11, LTX$^+$13]. **ADM**
[NGG12]. **ADM-Padé** [NGG12].
admission [BPKM10]. **Adomian** [Aba10a,
AO10a, AH11a, AER12, BPG10, Dua11,
DR12, DCRL13, ESBR10, HSWZ11, ZSD10].
Adopting [cFpClC13]. **adoption**
[SSS$^+$11a]. **adsorption** [MMS$^+$18]. **adult**
[ADY12, BP13]. **Advanced** [DGOZ13,
GIM15, KSD$^+$19, LY12a, SPCS13, GHCZ18,
Sag10, SSS$^+$11a, TSB16, Yüz12c, SVP$^+$19].
Advances [AER12, PHWM10, PL10a,
Zho11, Zho12, ZFLM18, ZFLM19, LXK11].
Advection
[RAW$^+$16, AJAR18, AM14a, AV14, Auc18,
CBBE16, DMP18, EO15, ESBR10, HLL$^+$15,
KW14a, KGM11, LPLR19, LZB12, LHL15,
MHHC18, MPY16, MV17, SOJC10, Sou12,
Tam16, TM18, VAS$^+$18, WCB13, YYK16,
ZLPM13, ZLJ$^+$18, ZLZ10, ZDF$^+$14].
advection-diffusion
[AM14a, KGM11, MV17].
advection-diffusion-reaction
[AV14, KW14a, LHL15, MPY16, WCB13].
advection-dispersion
[ESBR10, LZB12, ZLPM13].

Analytic
[Bog11, CCNT16, JQSS12, LMDL11, LTJ⁺16,
MPfTX18, Odi10, OSZP13, SLCC12, Alo11,
AS10a, AS11c, ANR11, BGRS11, BBD10,
CSSW12, CDN14, DM12b, EZM12, HHS⁺10,
MB17, Noo10, NNAS11a, NNAS11b,
NNAS11c, NM11b, NODA11, ODR10, PA12,
SKPW14, SRM11b, Swa10, TO11].
Analytical [AJAR18, CB11d, Che11b,
GS11a, GZ14, JLTB12, KKAM11, KDG11,
MLZ⁺16, PDM11, Tha19a, XCS18,
YMDZ10, ZZLB18, ZMA10, AÖ10b, CS13,
FKKS11, FL13a, Gup11, HM10, JRZK11,
KLTS11, LL14a, Lee17, Lu11, MSG11,
MPMTV15, NB17, PLW⁺18, SSH15, TA11,
UKI11, XHA13, XWL18]. **Analytically**
[CXZ15b]. **Analyticity** [LLY18b].
Analyzing [WO18, ZJZ⁺11, SMM19].
ancient [ZQ11a]. **and/or** [HLY17b].
Anderson [BKNR19]. **aneurysm**
[ZAK18b]. **aneurysms** [OHK⁺19, WSC16].
angle [WHQ⁺18]. **angles**
[KYW⁺18, WL11d]. **angular**
[LSM11, Ma18a]. **animals** [OMS10].
Anisotropic [DMRS18, Li18e, LWL14,
MPS18, SRDD17, WRW13, ZWH⁺19,
BDM⁺19b, BM18b, BS17, CHM18, CST14,
DLZ17, DB15, FIS18b, GKS17, GHCZ18,
HHY13, KMS15, MTN19, MSTB17, MM19,
NB11, ORR16, TSB16, VGC⁺15, WLZ⁺18a,
ZSQ⁺18, ZY19, Li18e]. **anisotropically**
[GSZ14]. **anisotropy** [BM19]. **Annealing**
[dCMdSGTdC⁺16, Che12a, VB10a, ZLY⁺13].
annotation [ALLH11, ALLQ13]. **Annual**
[HPV⁺18]. **annular**
[ATH18, BKE18, MG15]. **annulus** [HO19].
Anomalous
[CSZK10, LZCL18, AM13a, ADZ19, CJ18b,
FIM18, LCA⁺17, MZL13, MD18, MA17,
QLT⁺18, WW16, Yil19, ZJZ18]. **anopheles**
[ADL12]. **ant** [qGpWhL11, HB12a, HY11].
antennas [HB12a, LHZ⁺11]. **Anti** [AN11a,
YZY10, AA11, AsNAd10, CYP16, LM18c,
XHM14, Yan12a, YT11, YqS16, dS15, dS16].

anti- [YqS16]. **anti-centrosymmetric**
[LM18c]. **anti-pentadiagonal** [dS16].
Anti-periodic [AN11a, YZY10, AA11].
anti-reflexive [XHM14].
anti-synchronization [AsNAd10].
anti-trapping [CYP16]. **anti-tridiagonal**
[dS15]. **anti-waves** [YT11]. **anti-windup**
[Yan12a]. **antiperiodic** [SLL12a]. **antiring**
[ZL12b]. **antisymmetric** [Kli10]. **any**
[BC17, KLL10]. **AOR** [CM16b]. **AP**
[DG10a]. **Apostol** [KYR15, LS11d, Öza11].
appearing [Was13]. **Appell** [OCNG12].
Appl [AR10b, AD11a, Asl11, Bho14a,
ÇE10a, Def10a, fDxZ11, DZ21, GXZ11,
Her14, IIHuI10, ID10, JL20, Jia11, JFS20,
JY11, KPS10a, KK11b, KYR11a, Li10c,
LYS12a, LLH11a, LW12a, MP16, McN12,
Pen11, Ran15, SK12, Ver12, WYG12,
Wan13a, WLDL11a, XLD11a, XWH16].
Appl. [Her19, Pan17, SCBCB⁺17, SKTC19].
Apple [GMAM12]. **Applicability** [PKD19].
Application [ATUC15, ASB12, Asl11,
AYY12, BC15, BSZ16, BB08, CL11, CCY18,
CFdM⁺18, Cia12, CCM14, DFGG13,
EAEH18, ED11b, EE18, FLLF10, GWR⁺18,
Gha17, HMP⁺15, HPR19, HHS⁺10, IIHI10,
IIHuI10, JYF⁺11, Jum10, KBA11, KKT13,
KP18, KB10b, KLK15, KTA12, KLTS11,
LX10a, LX12a, Liu11a, MN11a, NKM16,
Pal12, PdlF10, PH13, QY13, RAD13,
RCM11, Sae11, SKPW14, SPST18, SG10b,
TL18, WY11a, WLW⁺11, yXpYxZT11,
YP10, YKKS10, ZN18, ZDF⁺14, Ahm10,
AD16, BR12a, BP11a, BL14, Bis14, Bor11,
BCF10, CZY13, DWI⁺12, DBH⁺14, Elb11,
FWFL11, GGLP15, Ge10, HBK⁺19, HY11,
HCL11, JW18a, JCZZ13, JBBL17, KEHB18,
KLCD16, KBDC12, KK13a, KYAA10,
KKBR19, KFYW11, Li10a, LZYW13,
LZWC16, LLY18b, LZ19b, LLH11a, LLH11b,
Liu17, LT11, Ma19, MPS18, MLZ⁺16,
Mok11, NHH13, OBAAD10, Özd18, PA15,
PATA11, RY10, RDE⁺17]. **application**
[Rua19, SPL19, Sca11, SZ12a, ST16,

DFS14, Dun11, EG18, EHL^{+}14, FRSC16, FGHZ17, GMS18, Ge10, GM14b, GJX18, GHL18, HS11a, HVR18, HKS14, HC14, KPS10a, KPS10b, KD11, KP10a, KKS10, KLRW12, LT13, LA11, LZC11, LR15, LL16b, Lin14, LC13, LWL14, LZLL18, Lu12, LvdVX18, LS10d, Mai10, MTN19, Mur08, NMR15, NSYY13, PW18, RMS10, RSB14]. **approximation** [SLK12, SZW11, SI17, Tha19a, Wan16a, WD16, WLL^{+}18, XFL16, XC11a, Yil19, Yil10, Yüz12b, Yüz12c, ZHB11, ZCLW19, ZWH^{+}19, ZG16]. **approximation-preserving** [AH10a]. **Approximations** [BBC^{+}11, LF11a, Akm15, AMD10, ACE17, AS19, Bay19, CS14b, DFG19, DWZ16, FDG^{+}17, FN14, GY15, Gue13, KN12, LMR19, LL12b, LRH13, LPP15, MCP13, MV12, Mor10b, RA11b, Sou11, TMDTTC16, TMCM19, VGK^{+}16, Vel15, WNTW19, YSX^{+}19, Zbo19, ZW11c, ZZX16]. **April** [Ano18-62, Ano18-65, Ano19-52, Ano19-54]. **aquifer** [LS17b]. **aquifers** [LWL14]. **arbitrage** [CCJP11, Sin16]. **arbitrage-free** [Sin16]. **Arbitrary** [Par15, Wei14, AZ15, AHOP18, Gue13, HL18a, HGSL18, LPML19, Liu16a, LRCG16, MJWD19, Ned12, SS19, TS14, XLK11, ZZ11b]. **arc** [Gao11, KSMT11, Par17a, Par17b, TMMASG10, ZD12]. **arc-roof** [ZD12]. **Archimedian** [SP10]. **architecture** [AK12, LWR16, LCT12, SSESG12, WY19b, YLC16, YGH11]. **architectures** [ZMM18]. **arcs** [Lu12]. **area** [CSCM13, HR14, LCT12]. **areas** [NM11a]. **areca** [Hua12]. **argument** [Bic11, XY10, ZL11]. **arguments** [Can11d, Don10a, KMT10]. **arising** [AB16, BN14a, BNR10, CM10a, CL16a, CM18c, CG15, CL16b, CDN19, Du12, ES18, FJP18, GV18, KK15, KFYW11, KS12b, LM18a, LB11, Oh15, RY11, RS12b, SLKK19, Tan18, YYK16, YP10, YYYH19]. **arithmetic** [ÇA14, Ikh11, WLC11]. **arm** [KBGC12, SJS^{+}10]. **Armstrong** [CTS19].

Armstrong-Frederick [CTS19]. **Arnoldi** [AEH19, JW10, WTM17]. **array** [ĆCM10, HMF16]. **arrays** [CDW11, Kia18, Wan10b]. **arrival** [CTD10]. **arterial** [SRDD17]. **arteries** [MAN^{+}15]. **artery** [LYY12, SR10b, ZAK18b]. **Artificial** [KP18, OAY11, GH14, HBE14, HBE15, HCHH12, KAG11, MSH10, Naz13, OAKR16, PH13, TLR17, TL12, WLC11, WQNF12, yXpYxZT11]. **ARX** [LSD10]. **ARX-like** [LSD10]. **ary** [ES11, YZGW10]. **ASCAM** [Ano16a]. **ASCAM-2015** [Ano16a]. **Asian** [DNS16, JYK16, ZM16b]. **aspect** [BSK11, CY14b, KYAA10]. **aspect-ratio** [CY14b]. **aspects** [BP11a, GHT^{+}15, TC18, TCM15, ZK16]. **assembling** [RPTD10]. **assembly** [BCG17]. **Assessment** [FBL11, CANA19, HH10a, KC19]. **asset** [BM12a, ES11, GLW18, MVKK14]. **assignment** [LMRS10, MAPS10, RES10]. **assimilation** [CS14b, DNZ^{+}13, RMB^{+}14]. **assistance** [KPL11]. **assisted** [GGVRB19, ZHQG12, FMP19]. **associated** [APRM11, ASN11, ASMEE11a, CS10b, Cvi10, FLDZ12, GW12a, Las10, MP10b, NM11c, NM11b, ORR16, Pov19, Sok10, ZZT11]. **ASST** [VGC^{+}15]. **assumed** [SA16]. **assumption** [Tsi11]. **Asymmetric** [BKE18, Eba14, KV10, MA10b, MC11, MCR11, WL11b]. **asymmetry** [WSC16]. **Asymptotic** [AIIZ10, AJ11, BMA11, BCC14, BG19, CKR10, EPP18, He11, IIHI10, JFC14, KLP17, KJ11, KM11, LPK15, Li14, Mah11, MMMG12, MDL18, Pen11, SISH12, SCBCB^{+}13, SCBCB^{+}17, WW19c, AKL18a, BM10b, BPR18, BM13a, BD19, CC19, Chu10, DD19b, EG10, GÇK10, GMB12, HKI12, HM10, IIHuI10, JKN10, JLL19, KPG13, MWL18, MP11b, MP16, MAB19, MMT18, MY10, Mor10a, Mor11a, NSYY13, PR11, PP12, Rey12, SAIZ15, TTX^{+}16, WY19a, WS10b, Xue13, YY10a, ZMWH18, ZD15].

FIVM17, FIMV18, FMS19, FWFL11, FP19,
FPB17, FBTS19, FH16, Fer11, FM12b,
FXCC18, FES⁺19, GG18, GWZ11, GCE18,
GB16, GH14, GGGR17, GMI12, GKM11,
GR13b, GHCZ18, GW12c, GR15, GF19,
HSK11, Hak14, HZ10, HLWX11, HP13].
boundary [HH17, HKS19a, HYCP11,
HL11a, HL11b, HSWZ11, HBE14, HBE15,
HD14b, HW19b, HXL11, HYS⁺14, HLSN15,
Ibr16, Jan10, JM15, JPK17, JPK18, JL11b,
JZ11, JK18, KAG11, KA10a, Kar17, KP10a,
Kaw15, KKBR19, KFYW11, KS12a, KJ11,
Kim11, Kim15, KZ16, KPK18a, KSF14,
KHF⁺19, KVR11, KYA15, LS19a, LC11a,
LVF⁺16, LN98, Li10c, LLZ10, LCW10,
LYZ11, LW11a, LW11b, LS11a, LL11, LZ12a,
LJSK13, LCK13, LY15, LH16, LFC16,
LCP16, LS16, Li19b, LPML19, LJ10a, LZ11e,
LZ11d, LZ14, LJ10b, LLML10, LHF11,
LCZ11, LLL12, LS12a, LS12b, Liu12, Liu13,
LLY13, Luc10, LWC13, LDHH13, Ma10a,
MM10a, MDVM17, MCR11, MA17, MT10,
MDG19, MW14, MV11, MN10a, MS12b,
NKM15, NNAS11b, OKTR13a, PC11b,
Par18, Pit12, Pov12a, QWL19, QCG15,
RBB12, Ran15, REHA11, RCH19, RR14,
SC19a, Saj14, SMF17, SDH15]. **boundary**
[SDH13, SD19, SKPW14, SPST18, uIAA15,
SS18b, SG16b, SKM11, Sta11, Ste16, SZ11,
Su12, SZW11, SLL12a, SZ12b, Tan17,
THC⁺18, TB10, TAA14, Tur10, WZH10,
WWA11, Wan11, WAZ11a, WZF12b,
WZM⁺16, WS17, WW18b, WCH18,
WZC⁺19b, WCCS15, WCZ⁺19, XD17,
XWY11, XZC12, XLD11a, XLD11b, YK18,
YY15, YY10b, Yan11c, Yan11d, Yan12b,
YZY10, YC10b, Yas12, YDL11, YNS⁺14,
YK17, ZLS19, ZSH11, ZYWZ17, yZjM10,
ZJ10b, Zha10, ZBF11, Zha11c, ZS11b, ZD11,
ZSQ⁺18, Zha19c, ZSS10, ZL10b, ZHW⁺11,
lZxLhY12, ZS18, dPLM18, uRK11].
boundary-domain [BCJ19].
boundary-lattice [FES⁺19, HYS⁺14,
HLSN15, WCZ⁺19, YNS⁺14].

Boundary-layer [Ye19].
boundary-layer-resolving [Boy16].
boundary-type [FXCC18].
boundary-value [AEG18, Pov12a, SKM11].
Bounded [Bog10, LXK11, TD10a, AaC19,
AA10b, AA10c, BCB11, BR13b, CDM12,
DG13a, Das15, EAEH18, FSTN18, FST19,
HY18, HWW13, KS11, LKU10, LWKK10,
LZKU11, MDRRV11, MD18, NNAS11b,
NNAS11c, NUH12, PB12, Wan16b, WZ18c,
XL11, ZWH⁺19, ZH18b]. **boundedly**
[MM10b]. **Boundedness** [Gao12, MM12,
QMW18, WPL16, WHZL17, Wan18, WS10b,
ZT19, ZW16a, ZMH16, ZW16b, LMY19,
Sed13, WW11a, YÇG12, YDW15].
bounding [Kaw15, fNS11]. **Bounds**
[BS16a, CWQJ12, MF18b, Tia17, ARK13,
AJ10, Bag17, DLS18a, DWZ16, HGSL18,
Ipe12, LMR19, LD13b, LA11, LY10a,
MP11a, Nie10, Pul16, SRG16, ZP18a].
Boussinesq
[CN16a, CGO19, JZL18, KKD13, LB18,
QY17, SMYK19, WD16, Ye16, Ye17b].
Boussinesq-like [SMYK19]. **Box** [WYD10].
boxes [HSMG12]. **BPES**
[CM11a, YMDZ10]. **BPS** [LXZ18]. **brain**
[CB19a]. **branch** [KL19]. **branching**
[ASB12]. **Bratu** [EM19, SMK18, AP10,
Moh14, RSM17, VAB12]. **Bratu-type**
[AP10, VAB12]. **breakdown** [CCCW10].
Breaking [CDG16, KTK18, ML19a, Osm18,
XX10, YTD⁺18, ZDM11]. **breakwater**
[LFC16, VHPVNXW18]. **breakwaters**
[LGH⁺11]. **breast** [FIS18b, LW12c].
Breather [LZ19c, PTZ19, ZCZ17, CZ18,
DTYZ18, HTY⁺19, LD11b, WTYZ17,
YTD⁺18, ZDM11]. **breather-type**
[ZDM11]. **breathers** [YHC18]. **Breeding**
[KALAS11]. **Bregman** [CX16, SCC12b].
Brenke [VSI12]. **bridge** [MX15]. **bridges**
[TL18]. **Bright**
[HTWS15, CDW11, QTW⁺18]. **bright-dark**
[QTW⁺18]. **Brinkman** [AB10b, GS18,
GOS18, ILS13, MR14, RTL19, ZMFL18].

Brittle [Yoo17, MPS18]. **broadband**
[HKW15]. **broadcast** [IC12]. **broadcasting**
[HB12a]. **Broer** [DYH11, ZA15]. **Brownian**
[BH11, Dun11, MP11c, TC16, WL11d,
XaZH19]. **Bruijn** [SD12b, XCXW10].
Bruno [XW10, XC11b]. **Brute**
[CJP12, CJP15]. **Brute-force**
[CJP12, CJP15]. **bubble** [ABR$^+$14, CZY11,
HL12, PC14, QWGJ15, ST15, Zha18c].
bubbling [ZLC$^+$11a]. **Bubnov** [CKSL$^+$14].
Buckling
[YW11b, ATH18, ATH19, BKE18, BL14,
GBG11, HL11c, RYK13, VLFS12, ZW11a].
budget [Lin10a, Lin11, WL11a]. **budgeting**
[ZHT11]. **Bulgaria** [GGM$^+$13, Sen12].
Bullen [THH12]. **Bullen-type** [THH12].
bump [ALHZMC$^+$19]. **Burger**
[EK16, GM14a]. **Burgers**
[BHJ14, aZW17, AB10a, AJAR18, Bra10,
DGA18, DS18a, DAM14, EMQ18, HGHA19,
HA10, KB19, KSMN11, LCS18, LGZ19,
LL10a, LMDL11, LZZ11a, LWZ16,
MDRRV11, MK17, Oru17, RC17b, Sah17,
YGS17, YYLW19, ZTC14, ZYZ11, ZSD10].
Burgers'-type [BHJ14, YGS17]. **Burr**
[WL11b]. **business** [CSSW12]. **Butcher**
[CM14]. **butterfly** [BBM18]. **buyer**
[BO10, KGJ11]. **BVP** [HY10, HL11a].
BVPs [DC10, FRSW11].

C [LWD15, KRD16, XA13, AM11]. **C-M**
[LWD15]. **C/O** [XA13]. **CA** [JL12]. **cable**
[ABH12, KSMT11]. **CAD** [LZL$^+$18]. **cage**
[DGGBTRJF12]. **cages** [BFG11]. **Cahn**
[AEH18, BN14b, BMH19, CHY19, DFJS10,
GR19a, GGT14, LL14a, Lee16, LS19a,
LLJK10, LJSK13, LCK17, LQMW18,
LJK$^+$19, LCWZ18, LLYL19, MSW18].
Calaogero [JPB11]. **calculate** [HD14b].
calculating [BGRS11, JCF19]. **Calculation**
[HK10, SST19, FLP13, GN11, JPCY13,
YZMA18, ZKBE16]. **Calculations**
[LHZ$^+$11, BO18b, WY19b]. **Calculus**
[DLS14, AT11, Ana10, AE12b, CPT15,

DSVS15, EKE18, GS11b, Hol11, Kir10a,
Kir10b, Mag10, MT12, OMT12, PAT13,
Sal10, Uze10, VBCJ10, dCM12]. **Calderón**
[DLS14, DSVS15, GGR19, SBB$^+$18].
calibrate [HZ16]. **calibration** [SYZ19].
Call [KRM$^+$10]. **Call-Back** [KRM$^+$10].
calls [CCL$^+$12, LZL16]. **Calogero**
[AKMUH17, CM18b]. **Camassa** [LXY19].
Camellia [Rob14]. **Camera** [GMAM12].
Campanato [LZG13]. **CAMWA**
[VBW10a, WWW11a]. **cancellous** [GGL13].
cancer [Amo15, FIS18b, GL17a, KC19,
SSM$^+$17, SNSK19, SD15b, VJM15].
cannibalism [BP13, LLY18a]. **cantilever**
[GB18, KLTS11]. **Cantor** [ZZT11]. **cap**
[LWJ10]. **capacitance** [LLG$^+$11].
capacitors [ZLG$^+$10]. **capacity**
[CCH$^+$12, RZL11]. **capillary**
[BMSS18, CP15a, TG14, Tao18].
capillary-gravity [TG14, Tao18]. **capital**
[ZHT11]. **Capped** [LX10b]. **capture**
[IS14, ZOZZ12]. **capturing** [LX12b].
Caputo [Abd11, AVR17, AJT19, AR17,
MT10, MV17]. **Caputo-Fabrizio** [AVR17].
Carathéodory [KC10, MG11, SOS11].
carbon
[Kia16, Kia18, PvdM13, RYK13, TZ18].
cardiac [CT17c]. **cardinality** [KST10].
cardiovascular [RKD18]. **Carleman**
[ZYY10]. **Carlo**
[AEF15, AGK15, DGLS19, HC18, Li12b,
Mil18, MDW13, PA15, SWOF19, VMC$^+$14].
Carlson [CS10a]. **CARMA** [YD12].
Carreau [GK16]. **carrier** [LCT12].
carrying [ZWL11]. **CART** [FNZ13].
Cartesian [Bac14b, FGY$^+$17, LZZC12,
LNW19, QCLC17]. **Cartesian-mesh**
[LZZC12]. **cascade** [FLWJ11, KYY12].
Cascaded
[GUK13, FIVM17, FIMV18, HP19a, LBL14].
Cascadic [Bac14c, HRHP17]. **case**
[CM11a, CNV14, CST14, DG13a, FIW17,
Izs15, LMW10, RPTD10, SXB$^+$12, ZMG10].
casing [EPP18]. **CAT** [AE12a, KA11].

WHS11, WY15, Zhe11]. **Chaos-based**
[UKAL10]. **Chaotic** [TTC14, YMSL11,
AsNAd10, Alo11, CZY13, Che11c, dSCM12,
DGTC13, DWI⁺12, FDB13, FDXW11,
GGGR17, HGN⁺10, JW11, Kun12, LW10,
MHM11, OBAAD10, OSZP13, SZDO10,
yS10, TL12, WY11a, Wei12b, ZTSC16].
Characteristic
[ELS11, LR17b, BSS18, LPLR19, Li17b,
LZ18c, RT10, ySW10, SLW14, XFH19].
Characteristics [YTD⁺18, HCZ16, Ikh11,
LHZ⁺11, Luk11, PHM⁺19, TZXP11, YS19a,
ZWL11, ZCSG13]. **Characterization**
[Sar11, Sha12a, ZW11c, CP16c, LSM10,
PS12b, RS14a, ŞGY11]. **Characterizations**
[DSA10, MYZ12, SK10a, SJN10a, SM11,
LN10, LY10b, RdSSS11]. **characterized**
[SJN10b, SGK18]. **Characterizing**
[HDT11]. **charge** [Yaz11, YAS⁺11].
charged [Yaz11, YAS⁺11]. **charging**
[YLH12]. **Charney** [Boy16]. **chattering**
[CZMZ11]. **cheaters** [MVB⁺12]. **Chebysev**
[Gav12]. **Chebyshev**
[BE12, Boy16, DBEE11, GTL16, Jav11,
KB10a, SK14b, WMW13]. **chemical**
[BG13, CYM13, HTGSH13, LZP⁺19, MN17,
ZWC10]. **chemically**
[BKR10, RSV11, VPR11].
chemically-reacting [BKR10].
chemoattractant [WHZL17]. **chemostat**
[WWG10]. **chemotactic** [DGZ13].
Chemotaxis [MGTH16, CST14, CKRW19,
FHA16, HLZM16, IS14, JLL19, LMY19,
LMZ18, QMW18, SST12, WPL16, Wan16b,
WHZL17, Wan18, XFH19, XBHN16, ZT19,
ZW16a, ZMH16, ZW16b, ZMWH18].
Chemotaxis-driven [MGTH16].
chemotaxis-fluid [CST14].
chemotaxis-growth
[QMW18, ZMH16, ZMWH18].
chemotaxis-haptotaxis [LMY19, ZW16b].
chemotaxis-Stokes [WPL16, Wan18].
chemotherapy [SD15b, WHLC11]. **Chen**
[KM10]. **Cherub** [JCZZ13]. **chest**

[LWWY12]. **chi** [Cvi10]. **Chinese**
[FPW⁺11, ZQ11a]. **chip** [SSESG12].
Chlodowsky [Büy10]. **Cho**
[KSJ12, SPLHCB14]. **Choice**
[YC11, Nes10, Rus16]. **choices** [ADGG13].
cholesteric [HMSC10]. **Choquard**
[Amb19, FZ18, LT18, Luo19, ZXZ17, ZT18a].
Chosen [HPY10, GH12a].
chosen-ciphertext [GH12a]. **chromatic**
[IB10, KP10b]. **chromosomes** [MCQ11].
Chua [RMM11]. **CIM** [LEP11a]. **ciphers**
[QGGL13]. **ciphertext**
[GH12a, HPY10, HKHK13]. **circle**
[BCB11, DWI⁺12, LTX⁺13]. **circuit**
[RMM11, SST19]. **Circulant**
[LLLC14, IB10, PB11]. **circular**
[AVR17, Far11, FAIV10, Hal13, LPML19,
Lu12, LLL16, QZY11, SB14, THGG14].
circular-linear [QZY11]. **clamped**
[KTA12]. **Clark** [PXXZ16]. **Clarke**
[LMZ17]. **class**
[ABJ11, AEO15, AJT19, And12, AB16,
Ara18, ANR11, AGK15, APTZ19, Bai11b,
Bai12, BM10a, BR12b, BM10b, BMTV12,
BNTT14, BX14, BKK12, Bre14, CHS11,
Cao19, CFRS10, CM16b, CTC17, CM17,
CO19, CN11, CN16b, DWY15, Dan12,
DT16, DSZ18, DZ21, DC10, DSL18, DRS11,
Eba11, Ehr18, EAAED10, FWZ16, Fer11,
GYH11, HHY13, HY18, HKT11, HGW18,
HP19b, HR15, HXL11, HM17b, HGW11,
HM14, HM15, HWXC18a, JMLF11, Jal14,
JW11, JL19, JL20, JZ11, JKS18, KCL14a,
KCL16, Kir10a, KK10c, KV18, KHUO12,
LCS15, LZD17, LM19b, LMRS10, LLH11a,
LLH11b, LZB12, LX15a, LLT16a, LLT16b,
LYZ17, LL14b, MP10b, MN11a, MS11a,
Mar11b, MM18d, Mor10b, NT17, NM11b,
Ouy11, PRR18, PA12, PLT17, RS12a, RZ16,
RWW18, SD12a, Sed13, SBS12, Smo17,
Sok11, SWW11, SGQ12, SLW18, Swa10].
class [TJ10, TM17, TÇA12, TY16, THY⁺10,
UBF11, Vel15, WC10b, WSCL11, WKS13,
Wan15, WZF16, XY10, XY11, XZ19, YY11b,

AKRT14, jASzZ12, AD12, Arq18, BKL14, BM18c, Boy16, CM18a, CP15b, CHBTD14, CDN19, DPBL16, DGB10b, DG10b, Din13, FPB17, GH14, GGGR17, GKLR11, GN12, GV11a, Goo11a, GKM11, GW12c, GR15, GH12b, HSK11, HKS19a, HL11a, HBE14, HZ11, JM15, JPK17, JPK18, JL11a, JL11b, KT11a, KC10, KJ11, Kim15, KZ16, KP19c, KSF14, KHF$^+$19, KH18, LC10b, LZ12a, LJSK13, LCK13, LPML19, LH10a, LJ10b, LLML10, LHF11, LLY13, MCR11, MA17, MT10, Mar12, MV11, OC10, RMS10, RNB11, SMF10, Saj12, Saj14, SMF17, SDH15, SD19, SOS11, SW12, SPST18, uIAA15, SRM11b, SZW11, SLL12a, Swa10, TTMJ12, Tan17, eT10, TAA14, TÇ11, TÇ12, WC10b, WAZ11a, WL12a, WZM$^+$16, WW18b, XD17, YL10a, Yan12b, Yan13, YDL11, YK17, Zha11c, ZS11b]. **conditions** [ZD11, ZZM17, ZZL15]. **conducting** [SL12, STS19]. **conduction** [CZF10, DCN$^+$18, FXCC18, GHCZ18, Hei10b, KK14a, LX12a, PK19, QXG13, QWL19, SWL19, WCCS15, XWH16, ZSQ$^+$18, ZSLZ19]. **conductive** [EPP18, GRS18, Ye19]. **conductivity** [BD19, KWFY11, MM18a, WCCS15]. **conduits** [AHF16]. **cone** [AR10d, AHF10, ASMM11, CM11c, CSW11b, CM10b, GJ10, HS11b, IN10, KPR10, Kar10a, KLMV12, MCB10, Pan17, REHA11, Sha10, SCK11, YBC11, Zha11d, ZLL12]. **cone-invex** [GJ10]. **cones** [AH10b, TM12]. **Conference** [BCHS18, VBW10a, VBW10b]. **configuration** [GGGR17, Ögü13]. **configurations** [DCN$^+$18, HR14, Mic17, SBA10]. **confined** [XWL18, ZCSG13]. **confining** [YCS19]. **conflict** [JTCC11]. **confluent** [Res16]. **conformable** [AK18, CJ18a, EGAA19]. **conformal** [LLLC14]. **Conforming** [GM19, BS17, DFG19, RC18, SDH15, WCSW18, WBZY18]. **congestion** [BBO10]. **congruent** [KK14b]. **conic**

[Ahn10, NNAS11a, NM11c, NM11b, ODR10]. **conical** [GZ14, MG11, WZ18b]. **conjecture** [HL10, LEN10, SKJ10]. **Conjectures** [Deu10]. **conjugacy** [Dos12]. **Conjugate** [RJGS$^+$19, ZY17a, ABR10, BR18, Don10b, DFS14, Haj18b, Haj18c, HP13, HLSN15, HM17b, HM14, HM17c, HM18b, Ima17, KLK15, KM14, LZD17, LFZ19b, OP14, TM17, TNP17, WZ17b, WFDW10a, WFDW10b, WLDL11a, WLDL11b, XM15, ZT13, ZY17b, ZXW13]. **conjugation** [SKPW14]. **Connected** [Bog10, DRS11, EAEH18, JMLF11, LW18b, MW11, TKH10, VDV13]. **Connection** [GMAM12, GJX18, LLL11]. **connectivity** [DT11, LLWZ11]. **conquer** [FNW18, LLCG16]. **Consequences** [GOGYL$^+$11]. **Conservation** [LHD18, MK17, Zha17b, Abd18b, BKZ17, CG13, Col14, EK16, FM19, Kim15, KPS17, Kim18, LXY19, LDG19, Ma19, MW13, RR18, Ray17, RS18a, Ray18, WLXZ18, YÖ10]. **conservative** [ADGS18, hCTM11, CL17b, DZ16, EDC14, JW19a, Lee16, LJSK13, Li16b, MM10b, PS12b, Was13]. **Conserved** [AK16, JQSS12, MSTB17]. **conserving** [LD13a, Por18]. **Consideration** [CJP12, CJP15, HD14a, CZ10]. **considered** [ZS11b]. **considering** [GGGR17, LYJ15, MAPS10, SSIP19, SJS$^+$10, TTMJ12]. **consistency** [Gro19]. **consistent** [CTM$^+$13, YMHL18, Yu11b, ZHV19]. **consolidation** [BKR$^+$19, BKNR19, Fu19, HMY18]. **constancy** [Rey12]. **constant** [AEDL14, BRS11, CM12a, IBB10, Kim14, LZH16, MLL16, Mor10c, SISH12, Wei10a, WHG11, ZL11]. **constants** [Pul16]. **constitutive** [HNPS13, LZCL18, NB11, Pov19, XJ18, YLDL11]. **Constrained** [BMS19, KKL16, SPL19, AG10a, AO18, AD11d, CLH13, Che15a, CChL14, DBH$^+$14, GYTD12, GHMN16, Haj18c, HR15, HM17d, KFTT13, LS11c, LH12a, LL15, LW18c,

WLM13, YL10b]. **Definition**
[LZYW13, hYxLL10]. **deflated** [ZG19].
deflection [FG18, KLTS11, YLY12].
deformable
[FIMV18, KVR11, RTL19, TRL19].
Deformation [DVM12, ATH18, FGY⁺17,
KMS15, LHZ⁺11, MJWD19, RZ17].
deformations [CCNT16, VĆV11].
Degasperis [JPB11, YT11]. **degenerate**
[AAD17, CST14, CLS19, FIS18b, GJ19,
KPK18b, LSW10, MP19a, SSS16, SNDK18,
Wan16b, XWY11, ZW11b, ZZ10b].
Degradation [LTLL12]. **Degree**
[Bog10, ABRL18, AD11d, BGH14, Che12b,
DYX11, LZ10, LZYW13, LHH10, Pap15,
Wu10, YMM12]. **Degree-Bounded** [Bog10].
degrees [BS17, Rus16]. **DEIM** [DA18b].
delay [AR09, AR10b, AAZ10, AK10,
AdAS11, AM12c, AA13, BKR11, BP11b,
BCF13, BB10b, BDS10, BB12, BDGBM11,
BKDM13, CFN11, CANK11, CZL17, CM18c,
DRK10, DB11, DQ10, EBENF10, EKS10,
FH16, GGEB12, HK10, HW19a, HF10,
JPK18, KLP17, KPK18a, KCL12, KK14c,
LPK15, Li10d, LJ11, LB12, LCYC12, LLY10,
LKU10, LWKK10, LZKU11, LZ15b, MP11a,
MG16, MLY18, MM11, Ouy11, PR11, Pen11,
SRS11, SYW11, SW19, TZ13, VB10b,
WHS11, WS12, Wei10a, Wei12a, WL10,
YG17, YX11b, YX11a, YLZ17, YZAX10,
YW11a, ZGW11, ZQ11b, ZW11b, ZL11,
ZPS⁺12, ZLC11b, ZLW19, dAS18, dSAC11].
delay-dependent [LCYC12]. **Delayed**
[Wei12b, Ahn12, Bai11a, CSW11a, HY16,
HM17a, Hua11, LZT11, LZC13, LW15,
Li18c, LLY18a, LRV13, MY16, SSAM11,
TZG10, XZZ16, XZ18, XMW10, XGH17a,
XGH17b, YX16, Zen11, ZZ16a, ZZF18,
ZSW19, ZZW15]. **delays** [BKT12, BZK12,
BKR11, CW10b, DW18b, DHGF17, HY15,
HGW11, LC12a, LJJ11, LHW11, LXK11,
LZ12c, MSA12, MM12, SI10, Tia19, WYN12,
Xu11b, XH11a, YY10a, YW10]. **delivery**
[FJP18]. **Delta** [Kuo16, RA12, MT11].

demand [BO10, BMM12a, DRK10, DH10c,
JCZZ13, San11]. **Dempster** [KBDC12].
dendritic [SZP⁺11]. **dengue** [ZLZ18].
denial [MKA⁺10]. **denoising** [BSL11,
GV18, JRB15, Liu15b, RSS16, SGZW18,
SLZ11, WRW13, Yua18, ZY17c, ZFY⁺19].
densities [MD10]. **density**
[BO18b, CZY11, Che16, CYL17, FZ17,
FST19, GHC15a, GOT19, KH13, LLML15,
LX17, Özu15, QY17, RTRR18, SSHH⁺18,
ST15, SGK18, SKTD13, VMFF18, WZXS17,
WX18b, XZ17, YZS18, ZZ18b].
density-dependent [CYL17, FZ17, FST19,
QY17, WZXS17, XZ17, YZS18, ZZ18b].
dependable [OPDC12]. **dependence**
[LX17, MS12a, WX18b, YLS12]. **dependent**
[ABT19, AdAS11, ÁBÁPM11, ATH19,
BKE18, BO18a, BQS16, Bis10, CHBTD14,
Che16, CYL17, CXMO19, CT10b, CM14,
DNS16, DRK10, FZ17, FSZ18, FST19,
FSRB15, FZBF10, HG18a, HP13, Her14,
HZLM10, HLI14, HLY17b, JLWX18, JLL19,
KVW18, KYA15, Lee11c, LR14, LLZ11,
LY11b, LL13, LLML15, Li17a, LZ19a,
LCYC12, LFJ11, LZ12c, MWL18, Oan13,
OY19, OSA13, Pen11, QZ16, QY17, RZZ19,
SD15a, SLM18, SG16b, SG16a, SMH18,
SZ14, TF17, TCHW19, THGG14, Tro13,
VV14, WWW11a, WWW11b, WL11c,
WQRZ14, Wan14, WD16, WHTZ16,
WZXS17, XZ17, XHH⁺19, YF10, YS19a,
YZS18, ZJ10b, ZZ11a, ZZ18b, ZL19a,
ZG18b, dAS18, dSAC11]. **depending**
[KYAA10]. **deposited** [PvdM13].
deposition [ÖKJR19]. **depreciable**
[ZZXY12]. **depression** [GGK18]. **Depth**
[DJD18, Dem10a, Dem10b, GZW⁺18,
WFL11b]. **Depth-averaged** [DJD18].
depth-integrated [WFL11b]. **Derivation**
[BBL19, EMR10, FES17, Jum10, Lóp19,
OF16, PZL⁺18, BPR18, Del13]. **Derivative**
[WZ17b, AK18, BC10, CDW11, CJ18a,
DB15, FKeT12, Fur13, GGR15, JRZK11,
JLCS10, LEN10, LZZ11b, LDL⁺15b, Liu18c,

DM15, DA16, DD10, DLS14, DSVS15,
DDM⁺18, DFW⁺18, DH18, DTYZ18, Dos12,
Dua18, DHMU16, EGAA19, FR15, FYYT11,
FLZ14a, FDG⁺17, Fio14, GGR15, GQF⁺10,
Gao12, hGzS15, GH14, Gha17, Gha18, GZ14,
GHCZ18, GZD18, GABC16, GMZ15, GL16,
GML17b, GTZ19, GC19a, HLLM19, HG18a,
HGHA19, HTM18, Her19, HA16a, HSZ15,
HBE15, HVO17, Hu18, HTY⁺19, HA10,
HTWS15, HYC18, Ima17, JL18, JK12,
KG14, KNT12, KSG11, KK14a, KCL14b,
KPG18, KKK15, KT18a]. **dimensional**
[KK19b, KK19c, Kuo18, Kup14, LCM14,
LHD18, LK15, LK13, Lep11b, LMW10,
LD11b, LDL11, LZH16, LS16, LR17a,
LMMF17, LCS18, LM18a, LZL19, LMY19,
LM19a, LCW19, LGZ19, LSC17, LL10a,
LCLL16, LTJ⁺16, LL16d, LWZ16, Liu18a,
zLYmL18, LZM18, LYC⁺19, LWW19b,
zLZ19, LWW19a, LFAL19, LLYL19, LXY19,
LGVS19, LDHH13, MP10a, MP11a, MPZ11,
MLL16, MYZ18, Ma18a, MCF18, ML19a,
MR17, MMRN12, MKR12, Man18, MZM18,
MGS⁺14, MPfTX18, Men18, MS15, MM19,
MK17, MSFS18, MMA12, MM10b, Oru19,
Osm18, Pas14, PTZ19, PD11, Por18,
QTW⁺18, QMW18, RKA⁺18, Ray17,
RS18a, Ray18, RG18, RMY19, RNQ13,
SSHH⁺18, SK14a, SH18, SR15, SR17a,
Saj12, SMF17, Sat11, Sea16, gShYL10,
SS14b, SZL⁺17, SY18, SMBY10, SPST18,
uIAA15, SG10b, SZC⁺18, SK14b, TDXQ18,
TZ15, TS11a, TCHW19, TT14, TTX⁺16,
UMY11, UKI11, Üns18, VC12].
dimensional [VFM19, VMFF18, WZH10,
WV14, WWW14, WPL16, WV16, WW16,
WY16, WHS17, WTYZ17, WWD18,
WCH18, WHS18, WY18a, WMP⁺19,
WZC⁺19a, Was13, WLZ18b, WZMY18,
WCLD18, XX10, XW14, XZ18, XZ11, XX19,
YMM12, YTD⁺18, YGS⁺16, YLZ17, YGS17,
YJ19, YCLY15, Yil19, YMLL18, YYLW19,
YTS⁺17, YTL⁺18, YHC18, YSX⁺19, YK17,
Zak18a, ZSAN19, ZA15, ZZ11b, ZCSG13,

ZZX⁺14a, ZDLC14, ZTC14, ZSW15, ZC16,
ZHC17, ZYSY17, ZM17a, ZDZY17, ZLJ⁺18,
ZLT18, Zha18f, Zha18d, ZDM11, ZYZ11,
ZLA17, ZTSC16, ZW16a, ZMH16, ZJZ18,
ZSD10, ZDF⁺14, ZT18b]. **Dimensionality**
[HKS19b, Pes13]. **dimensionally** [FW18].
dimensions
[BZT16, Cal19, CLA19, CX18, CDS15,
FGB19, GGAV18, GSPK15, HP17, KO11b,
KLP10, LP12, LNW19, NWZ11, Ped18,
Pes13, RZ16, RRO17, RC17b, Rus16, SBM13,
WWLL13, WH16, XG10, YK18, YM17,
YQWZ19, YL18b, ZCLW19, ZHW⁺11].
Diophantine [Kes10, YH11b]. **dipole**
[RCRV14]. **Dirac** [FRZ15, OVV⁺16].
Dirac-generated [OVV⁺16]. **Direct**
[PPC15, TTT10, WH11b, YLL⁺14, BCD⁺16,
Che12c, Cos18, DB12, ES18, Fia15, GH12a,
HNK13, KP18, LCP10, PPC13, Ped18,
PAT13, WKBR18, ZWZ16]. **direct-forcing**
[BCD⁺16]. **directed** [SLZ11]. **Direction**
[SHM13, VFM19, AD15, ADZ19, BXKZ11,
BX14, CLA19, EKZ17, hGzS15, Haj18b,
Haj18c, KKC⁺10, SLM16, TM17, WH16,
WLZ18b]. **Direction-aware** [VFM19].
direction-splitting [SLM16]. **directional**
[Bis14, CB19a, GGR15, Liu18c, PCS13].
directions [KOPS13]. **Dirichlet**
[ABB17, CLJ11, CH17, DGB10b, DM12b,
DMV11, GG18, GR15, HP13, HT13, Ibr16,
KN11, KSF14, LJSK13, LWBW13, LCZ11,
ORR16, Sal10, SPST18, Tod18, WZM⁺16,
WCH18, WHG11, ZJ10b, ZZ15b].
Dirichlet-to-Neumann [KSF14].
Dirichlet-type [Sal10]. **disc**
[Amb12, AM13c, LSM11]. **discharge**
[MC10b, RZL11]. **disconjugacy** [MZ11].
discontinuities [HM10]. **Discontinuity**
[BC11, BSS18, HKP17, ZLW10].
Discontinuous
[BDF16, CDL17, CN16b, FHS18, HT16a,
Moo18, PGQ16, RRAK19, TCM15, AvB16,
AEH18, AMGC19, AYH17, Bac14b, BR12b,
BQS16, BKZ17, CCN14, CGGM19, CW17,

[ANN10, DVMS13, FZBF10, HSK11,
LYLX11, LZZ11a, WW10a, WCH13, ZWG11].
Duffing
[ASY⁺11, Gen11a, RKP12, YASK10].
Duhem [LL12c]. **durability** [SJS⁺10].
during [GCG12, RIW12, ZOZZ12]. **dust**
[EK16]. **dustiness** [RB19]. **dusty**
[ES18, EEBM10, MC10a]. **Dynamic**
[ATZ11, DEFP11, GZD18, KBGC12, yN11,
RSP18, SJS⁺11, YCS19, ZZHF12, ZTZJ14,
AR09, AR10b, AB18, AAZ10, Bab14,
BDS17, BMM12a, BMS13, BMSS18,
BFF⁺11, Can11d, CP15a, DFS11, DLT12,
FH16, FL10, GGEB12, GLM⁺11, GA10,
HDS11, HEP10, Hon10, Hua10a, JZR15,
KSPP11, KJA10, Kia18, KAK⁺12, LZ11c,
LL12a, LCW10, LCP10, Li11a, MP11a,
MAPS10, MH11, MR10, MS17, MG15,
OPDC12, PR11, PH13, PCK13, PZAR19,
RFP11, RF12, SD12a, Sca11, SA16, SSK13,
TZMZ12, VAS⁺18, WSL10, WSG10, WZ11a,
Wan12, WLXG18, XC16, ZFZ10a, ZHJ11,
ZGW11, ZQ11b, ZHQG12, ZLW18, ZHJZ11].
Dynamical [ABM11, DS18a, NJV13, TM18,
XZL⁺11, ZK16, Alo11, ALMLM14, BKT12,
BZK12, LX10a, LZT11, LB11, Ma10a, SIL19,
SS18b, SLYY13, WL10, YZAX10].
dynamically [SW16b]. **Dynamics**
[CLS19, Che16, IL13, KHWK10, Sah17,
SW19, SMYK19, Tao18, WZXS17, WFC16,
Xu14, YL13, YZ18, ZL14a, ZZ16a, ZWZ16,
ZG18b, ABT19, ABL15, ABL10, AB16,
BMS19, BPKM10, CM13b, CL16a, CM19b,
DGTC13, DFJS10, ECY11, FDB13, GM14c,
GPV11, HPR19, KW12, LZ11b, LDS10,
LJK⁺19, LMPG13, MLY18, MCQ11, Mag10,
MB17, NNR14, Özu15, PC14, PS12a,
PQB⁺16, PV12, RKSA18, RCG15, SP12,
SZ14, TTM19, TY13, Tre18, TTX⁺16,
VV14, VJM15, WHS11, WSM⁺19, Xu11b,
XGH17a, YX16, YZMZ16, YGR11, YKKS10,
YWL17, ZLMZ18, Zha18h].

e-services [KC12]. **E-UBIAS** [Ogi12]. **E.A**

[AIB10, MAK12]. **eagle** [GYTD12].
earliness [LYLX11, MMR10, MMR11].
earliness-tardiness [LYLX11]. **early**
[Amo15]. **earthquake** [LMPG13].
earthquakes [LKL⁺15]. **easy** [CB10].
EBM [GSI19]. **eccentric** [DT11].
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Echocardiographic [RMB⁺14].
echocardiography [AY18]. **eco** [ZSW19].
eco-epidemiological [ZSW19]. **ecological**
[JLWX18, YZAX10].
ecological-mathematical [JLWX18].
ecology [WLW⁺11]. **economic**
[BGRS11, Chu11b, DRK11]. **economy**
[PG10, ZBL12]. **eddies** [BK18, MS17]. **eddy**
[ADD⁺15, BGRV15, BD19, Cao19, CRG16,
CLN⁺19, DSWB18, DNR13, HBK⁺19,
Sag10, SKFG11]. **eddy-resolving**
[DSWB18]. **edema** [RdSRL19]. **Edge**
[Ryl15a, BDHR18, Cia16, CFS17, EG18,
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edges [MSTB17, YA11]. **Editorial**
[BBH⁺19, Ano10b, Ano10c, Ano10d, Ano10e,
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Ano10k, Ano10l, Ano10m, Ano10n, Ano10o,
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Ano11k, Ano11l, Ano11m, Ano11n, Ano11o,
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Ano11u, Ano11v, Ano11w, Ano11x, Ano12a,
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Ano12g, Ano12h, Ano12i, Ano12j, Ano12k,
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Ano13h, Ano13i, Ano13j, Ano13k, Ano13l,
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[Ano13p, Ano13q, Ano13r, Ano13s, Ano13t,
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Ano14c, Ano14d, Ano14e, Ano14f, Ano14g,

ORR16, TL10b, WBZY18, WZ10, YLB16].
eigenvectors [TL10b]. **eighth**
[GK11a, SV11]. **eighth-order** [GK11a].
Einstein [WL13a, ZHS+19]. **El-Sayed**
[DR12]. **elastic**
[BKE18, BDO11, BCSCB+15, CFLM19,
Cve11, DSVS15, DDK11, FL14, GHC15a,
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WZC+19b, ZR18b]. **elasticity-type**
[DDM+18]. **elasto** [CTS19, HAESLB14].
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[MDG19]. **elastodynamics**
[CDL17, FMS19, HPS18, TMLF19].
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Electrical [dCMdSGTdC+16, GKS17,
LLG+11, MH11, ZTZJ14]. **electrically**
[MRS+12, SL12, YLC12]. **electricity**
[BBO10]. **electro**
[BCSCB+15, EKZ17, HLNZ19, SCBCB+13,
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[MDW13]. **Element** [BDGG14, CM16c,
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KDU15, MRR18, PGQ16, RCM11, Rus16,
Vac18, dVDR18, AD15, ADZ19, AD19a,
AvB16, ADGS18, ABRL18, AHHM19,
AAB+13, AJRWS12, AAD17, AEDL14,
AJT19, AOW18, ACAS11, ABSV18, ACE17,
AS19, AP19b, AO13, AKL18b, BCCZ18,
BCH+18, BN14a, BP19, BS10b,
BGGCGRSP16, BB15, BDGS13, BWL18,
BS18a, BO18b, BK15, BC17, BSY+19, BS17,
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Che12c, CLH13, Che14, CHLY15, CCZ18,
CLL19, CHY19, CS14a, CFdM+18, CK15,
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FN14, Fia15, FIW13, FGHZ17, GY15].
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[GL17a, GML17a, GLLC19, GLP18, GP19,
GMS18, GGH18, GHCZ18, GS15b, GLZ18,
HLL13, HMP+15, HR19, HVO17, HH15,
Hou15, HD16, HLY17a, HW16, Hu15,
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Ibr16, JMHF13, JZ13, JM16, JPS14,
JPCY13, JHW15, JW15, JLL18, KB19,
KK15, KL16b, KKL+13, KVR11, KRBS18,
KCK19, KdLK19, LT13, LC10a, LL12b,
LL12a, LMR14, LN98, Li10c, Li10b, LY13,
LR15, LY15, LLML15, LZWC16, LL16b,
LS16, Li18e, LXZ18, LD18, LL19b, LNW19,
LZ19a, LRH13, LWL14, LHL15, LDL+15a,
LDL+15b, LLLW18, LZ18c, LCHZ19,
LFAL19, MBS17, MMHGM17, MP19b,

MLGY16, MWY17, MT18, NJ16, NNK13,
Naz13, NHH13, NH15, NSYY13, OBCG19,
OTiSY16, Oh15, OY19, PÁAP⁺15, PFDG17,
PGF18, PPC13, QY13, QCLC17, RZ17,
RMB⁺14, RGHZ15, RHC15, Rua19, SD15a,
SD18, SBvdV13, SDH15, SD11b, ySW10,
SLW14, SWL15, SW16a, SZL⁺17]. **element**
[SJC14, SST12, SR17c, TH19, TCHW19,
TS16, UMLF13, VHPVNXW18, WSW11,
WW14a, WC15, Wan16a, WHTZ16, WHS17,
WC17, WCSW18, WLA18, WLZ⁺18a,
WY18a, WW19b, WZC⁺19b, WL13b,
WH14, WFZ12, WV15, XFL16, XD17,
XZZ16, XFY18, XFH19, XCZQ16, YT18a,
YH15, YLB16, YSX⁺19, ZMM18, ZTR11,
Zbo19, ZRE16, ZR18b, ZYWZ17, ZS13,
ZHY14, ZHZ14, ZDLC14, ZH15a, ZT15,
ZHC17, ZL18, Zha18c, ZY19, ZH19,
ZWH⁺19, ZLZ10, ZC11a, ZLHF19, ZLS13,
ZH15b, ZG16, ZMFL18, ZZL15, ZC17, aZ18,
ZKBE16, FIS18b]. **element-free**
[CLL19, DSZ18, DWS19, LY15, LZWC16,
LL16b, LD18, LL19b, ZDLC14, ZL18].
element-level [PÁAP⁺15]. **Elementary**
[MI16, DT16, Ji14, LSW16]. **Elements**
[FHS18, AOW18, BPM14, BBBM16,
BZKR15, BDHR18, BS15c, CKSL⁺14, CH19,
CFS17, DM18, DDD10, DGH17, EDC14,
FVZ18, FMSV17, FKDN15, GLLC19,
HD14b, JN14, KW14a, KB13, Li15, LCQL17,
LBvB⁺16, MNPD15, PS18, SDH13, SRDD17,
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elements.Part [Cia16]. **elevated** [CV14].
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[AR10c, Pas14, SC13]. **Elliott** [VKJ13].
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[ARK13, AKLS19, AVZ15, ANP19, APwS18,
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CT17b, CNP14, CCK18, CWQJ12, Cov13,
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HC14, HX14, HM17d, HT19, HK17, IQR16,
Jal14, JK12, KK15, KN11, Kaw15, KM18,
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LC10d, LRH13, LYZ17, LW18b, MCL15,
MV11, Mil18, MP19b, MY10, MP19d,
NXHN14, Oru19, eOS18, PT15, RCH19,
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WZF16, WS17, WHS17, WFZ12, WH11b,
XW14, XLD11a, XLD11b, Yao10, Yao16,
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[HZL17, ZH19]. **elongation** [DRZ10]. **ELS**
[WCD10]. **embedded** [AB18, FKDN15,
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[AR10a, KM11, VA10]. **emergency** [ZC11b].
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[FT15, JS12a]. **Enabling** [ADD⁺15].
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[CUK12]. **encoding** [SKdA11]. **encryption**
[GH12a, HKHK13, LW10, RWZ13,
yYqWqZC13]. **end** [WL11a]. **end-to-end**
[WL11a]. **endemic** [Sun10, ZK16].
endoscopy [Tri11]. **endothelial** [YLF19].
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energetic [FZBF10]. **energization**
[GSY10]. **Energy**
[AGK15, Chu12a, Izs15, JPK17, KKLJ11,
KPK18a, LS19a, STDLM19, BT15, BM19,
CT18, CT17b, DD19b, FH16, FR16, Gal10a,
GOT19, HL18a, HGSL18, HB12a, HW16,
KB15, LD13a, LL12d, LW18a, LZS12, Par15,
Por18, SRS11, Ste16, VĆC10, VĆV11,
WW15, Wu16, Yaz11, YAS⁺11, YASK10,
ZWW13, ZY15c]. **Energy-balanced**
[Chu12a]. **energy-based** [GOT19].
energy-conserving [LD13a].

Energy-stable [STDLM19]. **enforcement**
[CM12b]. **engine** [Ebr11]. **ENgineering**
[SVP⁺19, GGAVGG19, KLK13, LAM⁺16,
YLLK14, CCFV12, DELK13, FCZ12,
HLK10, LLR⁺19, LCQF19, LLW15, RS13,
SKM11, ZLG⁺11]. **engines** [JS12b].
Enhanced [AG11, DSWB18, GP19, JS12b,
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enhanced-strain [RC18]. **enhancement**
[CCH⁺12, PvdM13, Rua19, ZLY14, ZLW18].
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enriched [WCSW18, Zha18c]. **enrichment**
[GD16]. **ensemble** [ALLQ13, TNT12].
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jZsQdLmG19]. **Enumeration**
[CJMS10, BR12c, TM10]. **enumerators**
[ÖŞ11]. **enveloping** [Wri13]. **envelopment**
[Tol12, WYK10]. **environment**
[DH10a, DRK11, JXZ⁺10, KHIB12,
LBH⁺12, MM18b, YWK⁺10, ZLZ18].
environmental [DD13, IK12, PTP14,
VMAVGCM19, YYYH19]. **environments**
[AFGL10, LLL13, XBHN16]. **enzyme**
[ABN18, CLM12]. **enzyme-catalyzed**
[ABN18]. **EOQ** [CB10, San11]. **epidemic**
[Aki17, AGPCC10, BL18, CW15a, DYQM14,
GCR⁺18, MMOJ14, PSP10, XL15, XMW10,
ZY13]. **epidemiological**
[AGU14, CLM12, ZSW19]. **epileptic**
[HPR19]. **epistemic** [WLT13a, WLT13b].
epitaxial [FAHZ17, Zho19]. **EPQ** [CB10].
Epstein [MAB19]. **equal**
[HR14, LFJ12, Ray18, SIL19]. **equality**
[DBH⁺14, WZ17b]. **Equation**
[ZHV19, AM13a, ADZ19, AD19a, eMA18,
AGT19, AvB16, Abd18b, AZ17, AO10a,
AEH18, Ade17, AJS19, AK18, Akm15,
AB10b, AA15, AAEG17, ARK13, Ali15,
AJ12, AS11b, Amb19, ASY⁺11, Asl10,

AO13, AET19, AKMUH17, Bac14b, Bag17,
BCH⁺18, BM18a, BAO⁺12, BCK11,
BKMT14, BKMT17, BN16, BDGBM11,
BC10, BJPT16, Bis10, BP18, BT14, BM18c,
BL17, Bra10, BS18b, BPX11, BM19,
BSY⁺19, BK10, CCJV11, CM11a, CNR10,
CHXL18, CP15b, CTSX16, CEQ14, CLS19,
CBKR10, CF16a, CW10b, CDW11, CC11,
CLB14, CXZ15b, CLC16, CWDL17, CM18b,
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CTZ17, CR19, CK15, CJK17, CJRR11,
CCM14, CGJ⁺14, CZ18, D'A18a, DE11,
DWZ13, DLZ17, DLZ19, DN18a, DPM15,
Dar11, DGA18, DS18a, DL19, Dav17, DO11,
DD19a, DAM14, DA18c, DA18d]. **equation**
[Dem10b, DZ18, DM12b, DT16, DZ21,
DSM18, DZO⁺19, DSVS15, DD16, DFW⁺18,
DTYZ18, DMV11, DBS12, Dos18, DW18b,
DZ16, DJZ18, EMQ18, EGAA19, EK16,
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GZW⁺18, GTZ19, Gup11, GS11c, GHL18,
GWL11, HKJ14, Hal13, HGSL18, HLTL17,
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HGW18, HTM18, HB12b, Her19, HA16a,
HHG14, HLvS18, HHGA19, HLSN16, HL18b,
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HM15, HLX18, HYC18, HT19, HLI14,
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[Jav11, JPK17, JPK18, JQSS12, JFC14,
JHW15, JLF17, JAJ18, KBA11, KB10a,
KK11a, KO11a, KMS10, KB19, KSZ18,
Kar10b, KK13a, KN11, KM14, KPR13,
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SLM18, SW12, SOK19, SPST18, SG16b,
SG16a, SG10b, SWC11, SJC14, Sou11,
SSC19, SLM16, SYW11, Su12, zSdZ10,
SLL12b, SK14b, SLW18, SR18, TZWM10,
TZ15, TTG16, TM17, TG11, TS11a, TNP17,
TAS11, TNF11, TB10, Tia19, TMDTTC16,
TT14, Tom11, TY16, TDN19, TNHK19,
TTC14, UKI11, ÜM16, VA10, VA11, WC10b,
WSG10, WKG10, WW11a, WS11a, WSW11,
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WZF12a, WZF12b, WKS13, WV14, Wan15,
WW16, Wan16a, WC17, WW18b, WH18,
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WS10b, Wen18a, Wen18b, WFDW10a,
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[WH11b, WFL11b, cW11, WLDL11b,
Wu11a, Wu16, Wu18b, WCLD18, XWY11,
XZ10, XY15, XYXZ16, XHM14, XM15,
XZ18, XY10, XC17, XZ19, Yak11, YK18,
YXS10, YX11b, YX11a, Yan12b, Yan17,
YGS17, Yan18b, Yan18c, YQWZ19, YS19a,
YZY10, Ye16, Ye17b, YP10, YL10b, YLG17,
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Yus09, YSS11a, Yüz11, YSS11b, Yüz12b,
Yüz12c, ZA10, ZTR11, ZM16a, ZFZ10a,
ZFZQ10, ZJ10b, ZYG10, ZLZ11, ZTH11,
ZD11, ZGW11, ZQ11b, ZL11, ZLY14,
ZTC14, ZLL14, ZCH14, ZH15a, ZYW15,
Zha15a, ZZ16b, ZY17a, Zha17b, Zha18e,
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ZZG19, Zha19c, ZYZ11, ZSHL11, ZHL12,
ZWMD16, ZLL17, ZLA17, ZZL⁺18b, ZP18a,
ZZL18a, ZWH⁺19, ZÖXL⁺19, ZTSC16,
ZJZ18, ZL10b, ZLS13, ZT18a, ZJ10c,
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ZSD10, ZQ14a, ZLW19, ZC17]. **equations**
[ZDF⁺14, ZT18b, ZMA10, dVLV18, dAS18,
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[Mic17]. **equidistribution** [KH18, MN10a].
equilibrated [CLN⁺19, NB17]. **equilibria**
[BBDS11, BL12, CGY10b, NKM15,

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GDM13, JL16, JQG14, KJA10, KPR13,
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[ZZXY12]. **Equivalence** [WS16, PKK12].
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[MSW18, Zha18f]. **Ericksen/Allen**
[MSW18]. **Erratum** [ID10, KYR11a,
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LZH16, LR17a, RTT17, SZ17, WLC11,
XFY18, ZCW15, ZHZ14, AV14, Bac14a,
BP19, BPC17, BO18a, BN16, BQS16,
BWL18, BV17, BS15c, CCKP15, CCZ18,
CJN19, CHY19, CUK12, Cho17, CH17,
CGO19, CLN⁺19, CGJ⁺14, DESV18,
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EO15, EE10, FR16, FOS19, GG18, GRBT16,
GGS16, GS18, GOS18, GSZ14, GH18,
HM18a, HLL⁺15, Hou15, Ibr16, Ikh11, Izs15,
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LX16, LCH19, LSZ11, LPP15, MMT18,
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[Bac14a, BP19, BWL18, CCRS17, CCZ18,
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EGG16, GH18, HR19, Hou15, HLY17a, HC14,
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Kim14, KT15, LCH19, LWBW13, LW19b,
LPP15, MMT18, McN12, MP12, MRR18,
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LX16, LD13b, LD11a, LL13, Lin10b, LCT12,
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ZDL11, ZGZ13]. **estimator**
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[CCKP15, CLN⁺19, KKJ15, VAK⁺19].
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CP16b, CKM12, GP19, Hot13, HSBL11,
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Event-driven [JCWZ16]. **events** [AM11].
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Evolution [SD15b, AA15, Asl11, APTZ19,

Bis10, BB08, CLCF14, CZL17, Chu11a,
CP15c, CP16c, CFF15, DGA18, DB11,
EO14, EBENEA10, FOX11, GYTD12,
GM11, HY11, JKK12, JKS18, KS12b, LK15,
LL16d, LMZ17, MB10b, NT17, PRR18,
RSB14, SSA12, SZDO10, SG10b, TTG16,
eT10, WFC16, XYXZ16, YMLL18, YS17,
YHC18, ZLL14, ZM17a, ZLT18, ZLY⁺13,
ZJ10c, ZY15c, ZLGL11]. **Evolutionary**
[CG15, GACMO13, LYC12, SLMZ12, ZM18,
AZB13, BDK⁺11, Bra13, Bur13, Che11e,
CQLX11, CH17, DZS10, DSZ18, HDHL11,
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SZ17, THZ⁺11, YC10a, Zha18a, dAS18].
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Exact
[AA15, BEAA11, BGF15, DGL12, Gep16,
HBE14, JKB11, KSG11, LCM14, LK15,
LD11b, LDL11, LZL19, MDW11, MP11b,
MP16, MCKM12, Tar17, XX10, YGS17,
ZLZG11, Ade17, AAEG17, BCSCB⁺15,
CCKP15, Cie13, CJCV10, DGA18, DGZ13,
DPZ13, DLS18b, EK16, EM19, FKDN15,
GK13, HLTL17, JRZK11, JL12, KNZ19,
Kuo18, zLZ19, zLYLQ19, LSX13, uHS12,
MM18a, MI16, PMA17, Ray16, SR17a,
SH11, SMK18, Sea11, SK11d, TZ15, Wei10b,
YMLL18, YYLW19, ZTW⁺19, ZBL12].
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[Col14, GLM⁺11, KMT19, SCA14, TL18,
YNS⁺14]. **exchange-based** [YNS⁺14].
exchanged [HYS⁺14]. **exchanged-based**
[HYS⁺14]. **excitation**
[GB18, SP12, WCH13]. **excitations**
[BDGS13, BPS18, LKL⁺15]. **excited**
[ZHS⁺19]. **exclusion** [MY16]. **Exclusive**
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Executing [HSS⁺12]. **exemplified** [Zbo19].
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[AZH10, AA11, ABJ11, AEO15, ALI11b,
BS12a, BK11a, BK12a, BH10, CW19, CM15,
CP15b, Cha11a, CC19, CCX13, CTC17,
CTG17, CO19, CHZ19, CyL11, CS11b,
DN18a, FSHZ11, FKeT12, GTC18, GRS18,

GL17b, Goo11b, Goo11a, GH13b, HYCP11, HVR18, HB12b, HX14, JL11a, JPS10, Jia12, JZ11, Kim11, KMT10, LLZ10, LF11c, LJ11, LZ12a, LL16a, LT18, Li18b, LS19b, LZ11e, LZ11d, LLZ18, LH10a, LKU10, LWKK10, LZKU11, LLL12, Lü14, Luo18, MX10, MTAS17, MS12a, MP19d, MAH18, Ouy11, PT11, PLT17, QCT17, Qiu12, SLK12, SM17, She18a, She18b, SLL12a, SZ12b, SLL12b, TJ10, eT10, TB10, TDN19, TNHK19, WZF16, WS17, WL17a, WW14b, WZ15, Wu18a, XZR16, XC18, XLD11a, XLD11b, Yan10d, YW19, ZFZ10a, ZBF11, Zha11c, ZZ15b, ZXZ17, ZH18a, ZDB19, ZCH12, ZJ10c, ZZ18c, ZCY11, ZLW19, dSAC11, AKL18a, AKRT14, BZ10]. **existence** [BM10a, BB12, BK10, CT11b, CHS19, DG10b, DC10, FH16, HKJ14, HL18a, Jal14, JLWX18, JS11, JLL19, JLF17, KKD13, Li13, Li16a, Li17b, LX15a, Luc10, Ma18a, RHMA18, SNDK18, SW12, SW11, Sta11, WAZ11a, WAW15, XWY11, XZ19, Ye15, Ye17a, YLG10, YM13, YS19b, ZSH11, ZFZQ10, yZjM10, ZFZ10b, ZS11b, ZJ17, ZSL19, Zho16, AaC19]. **exotic** [KKT13]. **Exp** [Asl11, GM11, NTR15, AKMUH17, YP10, Ade16, Asl10, BB08, Cha11c, Chu11a, RNB11, ZZ11b]. **Exp-function** [Asl11, GM11, NTR15, AKMUH17, YP10, Ade16, Asl10, BB08, Cha11c, Chu11a, RNB11, ZZ11b]. **expandable** [HD16]. **Expanded** [WW19b, IK16, LRH13, SJC14]. **expanding** [QWGJ15]. **Expansion** [CM11a, WH11b, YMDZ10, CK15, CRRS11, Dem10a, Dra11a, Gep16, GMZ15, HA18b, HLZD11, JKB11, KBA11, KY10, LZH16, LR17a, MCKM12, MBHV10, NSYY13, PZ11b, SG10b, YH12]. **expansion-iterative** [MBHV10]. **expansions** [MD10]. **expansive** [WC11a]. **expectation** [LCCC10]. **expedited** [JFS14, JFS20]. **expensive** [QAA⁺16]. **experiment** [CI18]. **Experimental** [GSI19, CB19b, MLSLM15, YWL⁺11a].

experiments [Ehr18, HNK13, KV17a, XC13]. **Explicit** [AM17, Ben17, CY19, DWZ16, Kaw15, LL12a, PBK19, AVV18, AKSW19, BDHR18, DGM14, HMF⁺19, HLL⁺15, KAS11b, MMT18, MVKK14, MM18d, OC14, PRS18, Sou12, XZZ16, ZGD14]. **Explicit/implicit** [CY19]. **exploitation** [SLCC12]. **Exploring** [DM18]. **exponent** [D'A18a, DL18, DSL18, FRZ15, KSZ18, LeT10, LY14, LL16a, LT18, LS19b, LLZ18, LLT16b, MAST18, MPLR18, Sha18, She18a, SC19b, WLW⁺11]. **Exponential** [Ahn12, Cvi10, IW18, KP13, KO13, ML19b, SS14b, WL10, Bai11a, BEAA11, BTB18, BK13, CL16b, FM18, FXCC18, GP11, Gar13, HA18b, JHW15, Kli10, LK18, LZZ11a, LO16, MF18a, MSV18, MSA12, MT18, PS12a, PCM12, SI10, Tam16, UMLF13, WSS10, WV14, XH11a, YT18a, ZFZ10a, ZFZ10b, ZJ12]. **Exponentially** [ED11a, Chu11c, CFLX18, TH13, WHZL17, XFL16]. **exponentiation** [KBDC12]. **exponents** [MV11, RA19, SNDK18, Wan15, WS17]. **expression** [JL12, LY11d, MBH16, PC11a]. **expressions** [Tia11, TO11]. **Extended** [CAH11, Kim17, AEH19, Ade17, AM10b, ABCR10, Bho14a, Bho14b, CL12a, EAAED10, EAA10, FVZ18, He16, KO11a, KO11b, KK19c, KM10, LYC⁺19, LMZK16, Man18, MZM18, NUNAS11, PXXZ16, Sea15, SJPS11, ZSAN18, ZSAN19, GD16]. **Extending** [CRG16, JTC⁺10b, XW19b, Boy16]. **extensible** [MX15, YW11b]. **Extension** [AZ15, PB12, PCK13, RR14, YSW16, BS12b, BGM19b, CM14, DDD10, Dos18, GY11, HRMS12, KV10, LCW12, PC11a, RZ17, TÇA11, XKH10, ZWY19, ZL13]. **extensions** [Jic10, LSM10, XW10]. **extensive** [LZF18, WZG19]. **Exterior** [Dai14, BT15, BBBM16, CLL19, DGR18, FIW17, GVSP12, LDHH13, Sam19]. **exterior-like** [BT15]. **external**

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GA10, HLT12, JW18b, JW19a, Li19b, LN19, Liu16a, LCW17, dCMdSGTdC⁺16, MR19, YZWW14, ZN18, ZLC⁺14, CC15]. **fatigue** [LYJ15]. **fault** [LTT13, PA15, PFBL10, XCM12]. **faulted** [PFBL10]. **faults** [MVB⁺12]. **FCMBP** [THZ⁺11]. **FD** [MFSL19, Bay19, FLP13, GV11a, HMV18, JM15]. **FDAEs** [IB11]. **FDM** [SS19]. **FDTD** [HCLL18, NZ16, SWL16]. **FE** [ABB17, JM15]. **feasibility** [CAY12]. **feasible** [Zha15b]. **Feature** [PTL13, JWX⁺13, MLY11, PDHL12]. **features** [CLW11, FHH13, IK12, JMNZ19, LHHZ12, NJV13, SST19, ZLY12]. **February** [Ano18-73, Ano18-55, Ano19-63, Ano19-65]. **Feedback** [BHH16, KLY16, XCXW10, ATZ11, Che11c, HSC17, HLZ15, LZT11, LCYC12, LMZ17, SSAM11, Wei12b, Zhe11]. **feedforward** [SYO12]. **Feir** [HS12]. **Fejér** [BCB11, Som13]. **Fekete** [ODR10]. **FEM** [AHP⁺14, BS14a, BS15a, BLS18, BPS19, Bol16, BV17, CGHW14, CO15, EGG16, FWW14, FM18, FP18, GM18a, GOS18, Git14, GM19, GH18, PZJ⁺16, QZM17b, SW17, Von19, Wei14, Wei17, Yan15, ZR18c]. **FEM-based** [PZJ⁺16]. **FEMs** [WY15, YS19a, YWH14]. **Fermat** [KV10]. **ferroelectric** [MM18b]. **ferromagnetic** [AHP⁺14, GTZ19, LM19a, MGS⁺14]. **ferromagnetism** [LTJ⁺16]. **FESTUNG** [FRAK15, JRA⁺18, RAW⁺16]. **FETI** [CHK⁺18, KLP10, KCL14b]. **fever** [ZLZ18]. **Feynman** [DZ18]. **FFT** [BM18b, Cos18, VZM14]. **FFT-based** [BM18b, Cos18, VZM14]. **FG** [ATH18, ATH19]. **FGM** [BKE18]. **fiber** [HTWS15, LTSW16, Sza15, YTC⁺18]. **fiber-reinforced** [Sza15]. **fibering** [ZG18a]. **fibers** [AGH⁺15, PvdM13]. **Fibonacci** [CKMR11, CM10c, DRS11, EE10]. **Fibonacci-polynomial** [EE10]. **fibre** [ZR18b]. **fibrous** [BCSCB⁺15, Ryl15a]. **Fick** [BHZJ19]. **Fickian** [KRP12].

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BKMT16, CPP10, CYP16, CFdM⁺18,
COR18, DFW⁺18, FGB19, HHM12, ILP⁺11,
KVW18, LK11, LTT13, LH19, LSC17,
LCWZ18, LC12b, MCB10, PFDG17, PGF18,
SLL17, SWC11, STDLM19, Sul16, TG14,
Tao18, WCW13, Yaz11, YAS⁺11, ZRE16,
ZKWW17]. **fields** [AS11d, Cia16, CFS17,
Kia18, Kup14, LMW10, LX18, LRZ18,
OTiSY16, ÖŞ11, Ryl15b, TMLF19]. **fifth**
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MGTH16, ZOZZ12]. **film**
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KS12b, MJ14, Mom11]. **films** [Lin14]. **Filter**
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[IL13]. **fingering** [ST14]. **fingerprinting**
[TXZ⁺10]. **fingers** [LL12a]. **Finite**
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FXC18, FN14, FIS18b, GMS18, GCDG17,
GD16, KO11b, KCK19, LBvB⁺16, LDL⁺15a,
MvS18, RCM11, SNSK19, SLW18, SI17,
THGG14, WZ18a, WL13b, XFL16, ZKR⁺12,
ZH15a, ZCLW19, ZY17d, ZG16, ZQ14a,
AD19a, AvB16, ADGS18, ABRL18,

AHHM19, ABCR10, AAD17, AEDL14,
AJT19, AOW18, ABLS15, ACAS11, AVZ15,
Ara18, ACE17, AS19, AP19b, AO13,
AKL18b, BCCZ18, BCH⁺18, BN14a, BP19,
BS10b, BPM14, BGGCGRSP16, BB15,
BMM12a, BBBM16, BWL18, BS18a,
BZKR15, BDHR18, BMSS18, Boy10, BO18b,
BC17, BSY⁺19, BS15c, BS17, CsH10,
CB11c, CKSL⁺14, CKL18, CDG15, CGH14,
CH19, CR18a, CEQ14, CW15b, CG13,
CWW15, CLM12, CLM14, CLH13, CHLY15,
CS18, CCZ18, Che19b, CHY19, CTZ17,
CV14, CS14a]. **finite**
[CFdM⁺18, CCCW10, CK15, Cho17, CCK18,
CS10c, CELY18, Cia16, CFS17, CB19b,
CM14, CG14, CN16a, CX18, CCM14, Cos18,
CSU13, CT17c, DRT⁺15, DL19, DO11,
DA18d, DFGG13, DFG19, DT17, fDxZ11,
DNS18, DGLU18, DZ17, Dun18, EFK15,
EDC14, ED12, EG18, FKF13, FLdS14,
FDG⁺17, Fia15, FVZ18, FIW13, FMSV17,
FGHZ17, FNW18, GY15, GL17a, GLW13,
GML17a, GLP18, GP19, GCE18, GGH18,
GD11, GR10, GS15b, GDZ11, GLZ18,
GZW⁺18, Gur13, GGO16, HMF⁺19, HHY13,
HLL13, He16, Hei10b, HJD15, HS18, HR19,
HTL10, HVO17, HH15, Hou15, HD16,
HLY17a, HW16, Hu15, HMWZ16, HCZ16,
Hu18, HZM11, HD19, IK16, IS14, Ibr16,
JSGP16, JMHF13, JZ13, JM16, JPS14,
JPCY13, JW18b, JW19a, JLTB12, JHW15,
JYYL16, JLL18, JN14, JZE⁺18, JAJ18,
KS10a, KB19, KK15, KKS10, KA10b].
finite [KW14a, KL16b, KT11b, KKL⁺13,
KVR11, KB13, KRBS18, KdLK19, LT13,
LC10a, LL12b, LL12a, LMR14, LN98, Li10c,
LMW10, Li10b, LY13, LR15, LLML15, Li15,
LR17b, LLFT17, LW17, LCQL17, Li18e,
LXZ18, LHL18, LX18, LNW19, LZ19a,
LH12b, LRH13, LWL14, LHL15, LX15a,
LDL⁺15b, LZJY16, LS17b, LLLW18, LZ18c,
LCHZ19, LFAL19, LLYL19, LR13, MZC17,
MBS17, MZM19, MS11a, MMHGM17,
Mil18, MP19b, MNPD15, MFSL19, MMH11,

MHM11, MM18d, MLGY16, MWY17, MT18,
Mur08, NJ16, NNK13, Naz13, NHH13, NH15,
NSYY13, OBCG19, OTiSY16, Oh15, OY19,
ÖŞ11, PS16, PPC13, PS18, QY13, QCLC17,
RZ17, RMM11, RMB⁺14, RQ18, RGHZ15,
RHC15, Rua19, RS18b, Saj12, SBvdV13,
SMM19, SDH15, SDH13, SRDD17, SD11b,
gShYL10, SH12a, ySW10, SLW14, SWL15,
SW16a, SZL⁺17, SB14, SJC14, Sou12, SST12,
SK19, SR17c, SR18, TPHD18, TTT10].
finite [Tam16, TH19, TCHW19, TS16,
TCM15, VHPVNXW18, WSW11, WWA11,
WW14a, WAG⁺14, WC15, WZM⁺16,
Wan16a, WHTZ16, WHS17, WC17,
WCSW18, WH18, WLZ⁺18a, WBZY18,
WW19b, WH14, WFZ12, WBA⁺18, WV15,
Wu18b, WX18a, XD17, XZZ16, XFY18,
XFH19, XGH17b, XCZQ16, YT18a, YH15,
YZMZ16, YWH14, YSX⁺19, ZTR11, Zbo19,
ZRE16, ZR18b, ZR18c, ZYWZ17, ZS13,
ZHY14, ZHZ14, ZT15, Zha18c, ZL19b, ZY19,
ZH19, ZWH⁺19, ZLZ10, ZC11a, ZH15b,
ZMFL18, ZSY19, ZZL15, aZ18, ZKBE16,
dVLV18, sHC11, DJD18, WKBR18].
finite-difference
[Cos18, Gur13, Hei10b, HS18, Saj12].
finite-element [AvB16, AHHM19, Rua19].
finite-size [GLW13, WAG⁺14].
finite-source [GD11]. **Finite-time**
[SNSK19]. **finite-volume**
[GR10, GGO16, RQ18]. **finitely** [Lam13].
finned [Ima17]. **fins** [RSL⁺18]. **Firefly**
[dSCM12]. **firms** [Che11e]. **First**
[GGAVRC⁺19, Hes14, HZ11, Jan10, QZ16,
VLFS12, BS15c, CCKP15, CW17, CLTA11,
DG13b, DGT18, HM18a, JRZK11, JZL18,
KPG18, Ku15, LKU10, LHF11, MDVM17,
MBHV10, MJWD19, SL18b, TZWM10,
TZZ11, TT14, Tsi11, Waz11b, YJ19, Yüz12b].
First-order
[Jan10, CCKP15, DG13b, DGT18, HM18a,
KPG18, Ku15, LKU10, SL18b, TZZ11].
Fisher
[AÖ10b, He16, KO11a, KO11b, LLSW10].

FISM [FKC12]. **fission** [DYH11, YYC11].
fit [Che12c]. **fitness** [SSM12]. **Fitted**
[Arq18, BP11b, CWW15, LZZC12]. **fitting**
[HH18b, HD19, JCF19, RKW12, yS10, ZL13].
FitzHugh
[AAA12, UKYK17, Zha18h, ZS15]. **Five**
[Boy16, RQ18, ZRE16]. **five-equation**
[RQ18]. **five-field** [ZRE16]. **Fixed**
[AE12a, AHF10, AH11b, HLS11, IN10,
KK10b, MTM11, Mar11a, XLY10, ZC10,
Zha11d, Ahm10, Aki17, AIB10, AR10d,
AKS11, APS12, BS12b, BR12c, BKR⁺19,
BKNR19, CB11a, CB11b, CB11c, CFN11,
CAY12, Cha11b, CAP10, CSW11b, CS11d,
CM10b, ĆSCD11, DL16, EE18, GRS12,
KPR10, Kar10a, KT11a, KL12a, KKS10,
LJYS18, LC11b, LT11, MP11b, MP16,
MAK12, NS11, NKM15, Pir11, Pop11, Qiu12,
RH15, RA11a, RI12, SK11a, SLK12, SZ12a,
Sha10, She12, SCK11, YBC11, YLK10,
Zha14, dBD17, sHC11]. **fixed-point** [Zha14].
Fixed-points [XLY10]. **fixed-stress**
[BKR⁺19, BKNR19]. **FL** [LXF11]. **flame**
[Özd18]. **flames** [AM13b, AM18, XA13].
flash [WY19b]. **flat** [DVM12, FZBF10,
IC12, PvdM13, TMDTTC16]. **flatness**
[VMO10]. **flavored** [DLS14]. **flaw** [SR16].
Flexible [SSESG12, AT18a, DM12a,
DRK11, KSMT11, KRD16, Kuo16, NKA18,
SST12, YLC12, YNS⁺14, ZG19].
flexible-joint [YLC12]. **flexural** [CRA19].
flicker [AR10c]. **flight** [YGH11]. **floating**
[BR13a, ÇA14, DTR19]. **flocculation**
[JQG14]. **flocking** [BHK16]. **flooding**
[JS12a]. **Flow**
[BHZJ19, ZZC13b, AVR17, ASFM15,
ALHZMC⁺19, Ala10, AR10c, AKSW19,
AdSSS19, AR17, AGPR19, AP19b, AJS14,
BP19, BASW18, BPR18, BV10, BGP13,
BMSS18, BPZ19, BKR10, BFS15, CCR16,
CCY18, CZ11b, CV14, CP10, Col14, Das12,
DSWB18, DNP15, DZW⁺15, DSL11, DSM18,
DGM14, DFP⁺13, DKM17, Eba14, EG10,
EUTS18, EEBM10, FKKS11, FBTS19,

FZBF10, GQF⁺10, GLW13, GZR⁺13,
GHT⁺15, GD10b, GOT19, GK16, GK18,
GDM13, GSZ11, HMF16, HLB14, HMM12,
IIHI10, IIHuI10, IBSS11, JNJ⁺11, JK10,
JK11a, JGK13, JVMF19, JQG14, KMT19,
KP18, KG14, KSD⁺19, KRCJ11, KWFY11,
KPG18, KTH13, KCL12, KRBS18, KORR10,
LDS10, LR14, LF11b, LBZL11, Lin11, Lin14,
LBvB⁺16, LZZ11a, LZZ11b, LGL⁺14,
LZP⁺19, MMS⁺18, MA10b, MC11, MCR11,
MAN⁺15, MGN⁺16, MM18a, MDL18,
MEAMHHV18, MM19, MMA12, NMR15].
flow [NNL13, OHMAK18, PZZ18, PTH⁺16,
QaY18, RHMA18, RSV11, RBB12, Ran15,
RA18, RQ18, RTL19, Rua19, SSS16, SK14a,
Sah11, SL12, SPH10, Sal16, SCA14, Sea15,
STS19, ySGL⁺10, SB14, SKTD13, SR10b,
SRV10, TR14, TH19, TC18, Tod12, TDM13,
UKA15, UMLF13, WH11a, WL13b,
WCQ⁺19, WBN18, WS16, YZ10a, YB13,
YNS⁺14, ZAK18b, ZLS19, ZCSG13,
ZZX⁺14a, ZZX⁺14b, ZZLB18, ZDB19,
ZJB19, ZNWG11, ZLC⁺11a, ZWG11, ZD18].
flow/Darcy [LWL14]. **flowmeter**
[HBK⁺19]. **flows**
[AD19b, BTEM19, BB18, BSZ16, Bis14,
CP15a, CYL17, CL15, CD16, CHH14, Cos18,
DdSF13, DVY14, DJD18, Ers16, EAAS18,
FLZ14a, FL13a, GLR13, GLP18, GJX18,
GGO16, HBK⁺19, HG16, HS18, HWyL11,
IK16, JKZ11, KRP12, KSO16, KLRW12,
LMPE18, LZZC12, LLML15, LZPZ19, LH19,
LSC17, LMLB19, LG13, LZG13, LZB15,
MSV18, MA16, MC10a, MR14, MMHGM17,
MS17, MLZ⁺16, NNK13, NDC⁺19, NN13,
OHK⁺19, PDN19, PLR15, PD11, PM10,
PLMS14, RAZ19, RY10, RRAK19, RTRR18,
SSHH⁺18, ST15, SPT17, SMF17, SS16a,
Ser19, SZ17, SL18a, SGK18, SPP18, SKFG11,
SKTC15, SKTC19, Sul16, TY13, VMP15,
WWLL13, Wan13b, Wan14, WSCW16,
XZ11, YY11a, YSW16, YL18a, ZSW15,
ZYZ⁺16, ZLZG11, ZZC13a, ZZC13b, ZQ14b].
flowshop

[AA10b, AA10c, LLW11, LBH⁺12].
flowtime [LCC12]. **fluctuating** [DH10c].
fluctuations [De 10, VV14]. **Fluid**
[HMF16, MMS⁺18, AGT19, ABT19, ABV11,
AGD10, AYY12, Bab14, BHK16, BHZJ19,
BP19, BPR18, BMS13, BV10, BGP13,
BPZ19, BKR10, BHH16, CCR16, CTSX16,
CST14, CLTA11, CRXL15, CYZZ18, CL15,
Das12, DSK⁺14, DTR19, DFP⁺13, DKM17,
DNR13, Eba14, Ebr11, EDC14, EEBM10,
FKKS11, FZBF10, FAIV10, GK16, GK18,
GF19, HB19, HZ10, HHS⁺17, HLSN15,
HTY⁺19, IBSS11, JNJ⁺11, JRZK11, JKZ11,
KEHB18, KNT12, KRCJ11, KDG11, KPG18,
KSO16, KTH13, KVR11, LX16, LM18a,
LL16c, LZZ11a, LZZ11b, LGL⁺14, Liu18a,
zLYLQ19, Ma18b, uHS12, MZM19, MSV18,
MC10a, MC11, MCR11, MM18a, MMT18,
MMHGM17, MR19, MUB⁺16, MLZ⁺16,
MMH11, MEAMHHV18, MLSLM15, MM19,
OHMAK18, PFDG17, RSV11, REHA11,
RQ18, RHC15, Rua19, Sah11, SL12, SPH10,
SCA14, SISH12, SM10, Sul16, TTX⁺16,
TRL19, UKA15, VPR11, VHPVNXW18].
fluid [WSW11, Wan14, WSCW16, WTLS18,
XXG10, XBHN16, YZ10a, YJ19, Yoo17,
YTL⁺18, Zak18a, ZYT⁺16, ZZLB18,
ZLZG11, ZWG11, ZLHF19, ZH15b,
ZPGW16, ZD18]. **fluid-conveying**
[XXG10]. **fluid-dynamic** [BMS13].
fluid-particle [ZYT⁺16]. **fluid-solid**
[BPZ19, HLSN15, MMT18]. **fluid-structure**
[HB19, HZ10, LX16, MZM19, MUB⁺16,
RHC15, Yoo17]. **fluid-submerged**
[VHPVNXW18]. **fluid-thin** [KEHB18].
fluidic [HWY14]. **fluidized** [ZLC⁺11a].
fluids [ATO19, AVR17, BB18, HLB14,
HZLM10, KL16a, Kup11, RY10, Tri11,
Yan19, Ye19, YM13, ZR16, Zha19c]. **flutter**
[Kia19]. **Flux** [SL16c, AP19b, BRR16, CS18,
DFG19, EA10, FDG⁺17, GWR⁺18,
HLSN16, LWSL19, LvS15, MN10a, PK19,
QCS⁺19, RA18, RDE⁺17, Ryl15a, SS16a,
XWY11, YSW16, YZMA18, ZQ14b].

IMD11, JKMS12, KB10a, KFYW11, KA13, LMPG13, LRTV10, Mag10, MBJ16, Oua12, PM13, RRGTV10, Sea15, SC19b, YjH18, Zho11, Zho12, ZFLM19, ABM11, AM13a, AD15, AD19a, ARESH18, Abd11, AEH18, ABB17, AHV10, AZH10, AA11, AdAS11, AJS19, AN11a, ANP11, AW11, AN12, AK18, ArEM10, AAH$^+$18, AM14a, Alo11, AKL18a, AK19, Amb19, AT18b, AJT19, AT19, Ana10, AM10c, AHOP18, AHJM18, AKRT14, AR17, Arq18, AE12b, APTZ19, AET19, BZ10, Bai11b, Bai12, BS12a, BHZJ19, BK11a, BKT11, BK12a, BKT12, BZK12, BM10a, BMA11, BR12a, BMJ10, BB18, BG19, BB10a, BHM12, BCK11, BDGBM12, BZ18, BH11, BL17, BMH19, BSY$^+$19, BK10, CHS11, CLT$^+$13, CFRS10, CHXL18]. **fractional** [CP15b, Cha11a, CANK11, CZN12, CB11d, CC19, CCD10, CSZK10, CBM10, CZ11a, Che12b, CLCF14, CLB14, CW14, CXZ15b, CLC16, CWDL17, CZL17, CYZZ18, CJ18a, CHZ19, CLA19, CWY19, CTM$^+$13, CL17b, DG13a, DGB10a, DGB10b, DGTC13, DN10, Dar11, DGA18, DN18b, DH17, DB11, DA18c, DA18d, DQ10, DZW$^+$15, DZ18, DMD10, DRD12, fDxZ11, fDxZ12, DBEE11, DM19b, DMV11, DH16, DCRL13, Dun11, DZ16, DJZ18, EBENEA10, EBENF10, EGAA19, EKS10, EN11, ESBR10, ESN10, Els10, EOM11, EZM12, ESL11, EKE18, FDB13, FLZ14b, FJC16, FJ19, FES17, FSHZ11, FZL$^+$18, FZ18, Fer11, FNW18, FKeT12, GD10a, GTC18, GP11, Gar13, GMP18, GK13, GH14, GR13a, GY11, GS11a, GL17b, Goo10, Goo11b, Goo11a, GZ10, GABC16, GJX18, Guo12, GJ12, GW12c, GML17b, GLW18, GF19, Gup11, GS11c, HK10, HXX19, HS11a]. **fractional** [HP19b, HO10, HM10, HB12b, Her14, Her19, HHG14, HA16b, Hol11, HNPS13, HLvS18, HTV13, HA18b, HHGA19, HGN$^+$10, HXL11, HLZD11, HLX18, HLW19, HT19, IB11, Ibr11, ILP$^+$11, IW18, JGSS10, JYF$^+$11, JA11, JNBK13, JRZK11, JKZ11, JMB10,

JL11b, JW18b, JW19a, JLTB12, Jia12, JD12, JL18, JLL19, JZ11, JZ12, JC12, JLF17, Jum10, KK11a, Kar18, Kat11, KK14a, KKBR19, KBAF18, KKAM11, KAJ11, Kir10a, Kir10b, Kli10, KCK19, KBK19, Kun12, LZ11a, Lan12, LHD18, LeT10, LEN10, LMS13, LLZ10, LCP10, LJ11, LZC11, LDW11, LS11b, LX12a, LLC13, LZ16a, Li17b, LLY18b, LS19b, LGZ19, LD19, LZ11e, LZ11d, LK18, LRZ18, LN19, LJ10b, LB11, LZZ11b, LS12a, LS12b, LZB12, LJX12, Liu12, LC13, LDL$^+$15a, LDL$^+$15b, Liu17, LZCL18, LZLL18, LCWZ18, LLLW18, LZP$^+$19, LZG19, LFAL19, LDY11, LCC13, LXY19, LHTL19, Luc10]. **fractional** [LMP13, Luk11, Luo19, LLX11, MP10a, MPZ11, Mac12a, Mac12b, MT10, MAB19, MHHC18, MCL$^+$13, MZB10, MNJ$^+$13, MLZ$^+$16, MB10a, MV17, MP11c, MMH11, MHM11, MRS$^+$12, MM18d, MN10b, Mop11, MN11b, MY13, MGW11, MAH18, Mur08, MCN10, Nab19, Naw11, NB11, Odi10, OMT12, OSA13, Ouy11, Pad18, PCS13, PS16, PH19, PZA19, Pet11, PAT12, PAT13, Pov12a, Pov12b, Pov19, PK19, PA12, Pu12, PLT17, QXG13, QX19, QZF19, QLT$^+$18, RMS10, RM17, RZ16, RA18, Ray16, RS18a, Ray18, RG18, RSS10, RA19, RZZ19, SD10a, SD11a, SMF10, SSAM11, SC19a, SR15, SEY12, SRM11a, SSA12, Sal10, Sam19, STC18, SAIZ15, SMM19, SKTH11, Set12, She18b, SZL$^+$17, SY18, SW12, SS18b, SS16c, SZC$^+$18, Sou11, Sou12, Sta11, SZ11, Su12, SLL12a, SZ12b, SLL12b, SND19, SI17, Tar17]. **fractional** [eT10, Tha19b, TB10, TS11b, TC10, TMSO12, Tri11, THD19, Tru19, TKBMT17, TKHL18, TDN19, TNHK19, VA11, VMO10, WHS11, Wan11, WZWX11, WAZ11a, WL11c, WL12b, WZF12a, WZF12b, WV14, WV16, WW16, WH16, WW18b, WH18, WLZ$^+$18a, WLL$^+$18, WRY18, WW19c, WZC$^+$19a, Wei10a, Wei12a, WZKY12, WLL12, WZ18c, WLGL10, cW11, WW14b,

NM11a, PC12, PB12, PCK13, Ram11, SP10,
SR12, Sae11, SDM10]. **fuzzy**
[SK10a, SJN10a, SJN10b, SM11, gShYL10,
SMC10, SZGG11, SLYY13, SSL11,
TMMASG10, THZ⁺11, TK11, TD10a, VP11,
VB10a, WSL10, WC11b, WYG12, Wan13a,
WL13a, WZWS11, WYK10, WD12, XS10,
YÇG12, YLY⁺09, YWHC11, Yil10, YZXW10,
YZ10b, YZGW10, YLJ12, hYxLL10,
hYlLL11, ZJ10a, ZFZQ10, ZJZ⁺11, ZW11c].
fuzzy-stochastic [DRK11]. **FVM**
[MLSLM15]. **FWA** [Mok11].

G [BA11, CyL11, Jic10, LXYT11, Pan17,
WY11b, BA11, Yu11b]. **G-convex** [CyL11].
G-WKI [Yu11b]. **G.** [EMRS12]. **G.729**
[YZ12]. **G/G/1** [BA11]. **G/M/1** [BA11].
GA [DWI⁺12, KX12]. **GA-based** [KX12].
GA/PSO [DWI⁺12]. **Gaddum** [AH10c].
gain [IK12, KJA10]. **Gait** [SCC⁺12a].
Galerkin
[AD15, AvB16, AEG18, AEH18, AMGC19,
AB10b, AT18b, AYH17, AO13, Bac14b,
BP19, BP11a, BNTT14, BS16b, BDF16,
BQS16, BS14b, BKZ17, CKSL⁺14, CCN14,
CGGM19, CNV14, Cer18, CEQ14, CW17,
CWHW17, CWWY15, CFdM⁺18, CDL17,
CHH14, CN16b, DA16, DA18c, DFGG13,
DWZ16, DSZ18, DWS19, DB12, DHY19,
EDC14, EHL⁺14, FRAK15, FHS18, GL17a,
GML17a, Git14, GM19, GML17b, GHL18,
HA16a, HT16a, Hof18, Hou15, HMY18,
Izs15, JMHF13, JRA⁺18, JZL18, Kar17,
KB19, KWAS16, KCL14a, KW14a, KCL14b,
KW14b, Kim15, KCL16, KPS17, KS15a,
KSMN11, LPLR19, LZWC16, LL16b, LSS17,
LXZ18, LQMW18, LD18, LNW19, LMLB19,
LZ15b, LWZ16, LCW17, LZLL18, LZ18c,
LFAL19, Loh16, MBS17, MT19a, MLG17,
Moo18, MWY17, NCC13, NN13, OBCG19,
PGQ16, Pet15, Pul16, QY13, RAD13, RCH19,
RAW⁺16, RRAK19, RTT17, Rob14, RCM11].
Galerkin [Ros12, RC18, SNMA12, SDH15,
SL18a, SXM11, SW16a, SZL⁺17, SW17,

SLM18, SSS11b, SR17c, SND19, TAPA⁺17,
TCM15, TW18, UMLF13, VZM14, WW14a,
WLL⁺18, WZKY12, WSM⁺19, XW14,
Yil19, YSB15, YK17, ZYWZ17, ZS13,
ZDLC14, ZSY14, ZLJ⁺18, ZL18, ZLL17,
ZP18a, ZY11, ZZX16, ZD15, ZC17, aZ18].
Galerkin-like [YK17]. **game** [CQLX11,
DH10a, KWPK13, SLXC11, ZC11b].
game-theoretical [ZC11b]. **games**
[CA10b, KJA10, LH12a, yN11]. **Gamma**
[Bai19, Che11a, LNP⁺12, Mor11a, PG10].
gap [LGC⁺17]. **gaps** [HL11a]. **Gardner**
[PDM11]. **Gas**
[LBZL11, ABL15, BMS13, CM19b, GZR⁺13,
GT15, GT16, HBS⁺10, HL18b, KSO16,
Kup14, LF11b, LZPZ19, LZZ19, LG13,
LZB15, Mok11, PZZ18, PLMS14, SCA14,
Wan12, WSCW16, WSM⁺19, ZLC⁺11a].
Gas-kinetic [LBZL11, HL18b, LF11b,
LZPZ19, LZZ19, LZB15, PZZ18, PLMS14].
gas-liquid [KSO16]. **gas-lubricated**
[Wan12]. **gas-mixtures** [GT15, GT16].
gas-solid [ZLC⁺11a]. **gas-vapor** [Kup14].
gas-water [LF11b]. **Gate** [CM12b]. **gauge**
[CDN19]. **gauged** [Luo18]. **Gause**
[LPY16, WX18b]. **Gause-type** [LPY16].
Gauss [AD10b, BDM19a, ED11a, Gon13,
PCS13, RRC11]. **Gaussian**
[Boy10, BM13b, DO11, FLP13, LFJ11,
LSJ12, Luh12, MDVM17, MR15, MT19b,
PLT⁺19, RFK16, RKF18, SC13].
Gaussian-based [FLP13]. **Gaussians**
[Xia11]. **Gaussons** [YS17]. **GBH** [Jav11].
GCD [Ipe12]. **gear** [CJ12]. **gear-bearing**
[CJ12]. **gel** [GGH18]. **Gelfand**
[EM19, SMK18]. **gels** [LCA⁺17]. **General**
[CCRS17, HC16, HW19a, LTX10, NN12,
Par18, Pet15, AB16, Ara18, BM10b, BGF15,
BS11b, BPG10, BKY10, BBD10, CsH10,
Cao19, CL17a, CGY10a, CGY10b, CGY11,
CKW13, CT18, DYX11, FN14, Fra11,
Gal11c, GTC18, Haj18a, Haj18b, HVO17,
JJ13, JL15a, JL15b, JJ15, JYL16, KA10b,
KTDT17, KL19, Lee11c, LY11d, Luo19,

geometries [BV10, IQR16, KVJB15, KV17a, KV17b, TPHD18]. **Geometry** [XY16, DNS18, HN18, HGJP19, Hot13, HWH⁺15, WJWW12, ZS18, WKBR18]. **GeoPDEs** [Váz16]. **geostrophic** [FIW13, WY18b, Zha18e]. **gesture** [LNKU12]. **GF** [YXYH10]. **Gilbert** [BM19, LT13, Pu12]. **Gini** [Dra10]. **Ginzburg** [FSZ18, RSB14, WH18, XaZH19, ZY15a, ZZL19]. **Girkmann** [DFGG13]. **girth** [ZYS10]. **given** [CS11a, LZ10, LHH10, SK11c, WZ10, ZYS10]. **Givens** [Abd18a, BMY13]. **giving** [EZM12]. **glaciology** [MLGY16]. **GLHSS** [FZ14, Mia18]. **Global** [AKL18a, AET19, CM13b, CQ13, CL15, DWY15, Din13, DYQM14, FAHZ17, FT10, FH16, HKJ14, HY13, JPK18, JLL19, KG14, Kar10b, KKD13, LZ11b, Li13, Li16a, LMY19, LZ14, LL16c, LX15a, Ma18a, Ma18b, NT17, RHMA18, RC17b, RA19, Sun10, TTM19, VBW10a, VBW10b, Wan16b, WW19a, XWY11, XMW10, Xu11b, XGH17a, XZ19, YX16, YLG10, YWT18, YZS18, YQ18, YZ19, ZFZQ10, yZjM10, ZZ18b, ZSL19, ZMWH18, ZZ10b, Zho16, AJS19, AG10a, BM10a, BG15, BS11b, BSN13, BPF13, CCKP15, CANK11, DG10b, FSTN18, FST19, FQLC18, GYTD12, GYH11, HL18a, HSMT19, HXL11, JLF17, JKS18, JKS19, Kim14, LC10b, Li12a, LY12b, LW15, Li18a, LPY16, MN10a, Mor13, PG10, SI10, SKK12, WHD14, WQNF12, WLYX13, XJYL17, YW10, Ye15, YN16, YS19b, ZH18a, ZFY⁺19, ZLW19]. **global-model** [BSN13]. **Gmeiner** [SLW11]. **GMLS** [DM16]. **GMRES** [MZES12, WNTW19, YLC16, ZG19]. **GMSSOR** [ZZ14]. **GNFS** [YXYH10]. **GNU** [FRAK15, JRA⁺18, RAW⁺16]. **Goal** [DPM15, SWOF19, BDM⁺19b, BWZ16]. **Goal-oriented** [DPM15, SWOF19, BDM⁺19b, BWZ16]. **Godunov** [Ban13, CS18, Ma10a]. **Godunov-type** [CS18]. **Gołab** [CBKR10].

Gold [VBW10a, VBW10b]. **golden** [RG11]. **goodwill** [GM18b]. **Gordon** [CT18, DM16, DL14, GML17a, MS18, Wan19a, CM11a, FYYT11, HHGA19, KTDT17, LZWC16, MPfTX18, SH11, WV16, WL17a, Wei10b, YMDZ10]. **Gould** [KAS11a]. **governed** [Akm15, GS19, GNP14, HLZ15, Li10b, YSB15, ZG16, ZZX16]. **governing** [CW14, CWDL17, GGO16, JKMS12, Moh15, ZLTY16]. **Gower** [Li14, LWN15, YL13, YXWL14]. **GPA** [Bra13]. **GPBiCOR** [GHC⁺15b]. **GPGPU** [DM19a]. **GPGPUs** [JK11a]. **GPL** [PHM⁺19]. **GPU** [AVV18, BF16, BKL⁺19, Bre14, GEZ14, KWAS16, KLK15, KCC⁺13, KORR10, LWR16, OKTR13a, OKTR13b, OAKR16, WFL11a, WCZ⁺19, YLC16, YCW⁺14, YW14]. **GPU-accelerated** [KLK15]. **GPU-aware** [AVV18]. **GPU-based** [WFL11a]. **GPUs** [BPM14, LYC15, SKG⁺11]. **grade** [CLTA11, FKKS11, IBSS11, KRCJ11, uHS12, MC11, MM18a, RHMA18, SL12, YJ19, Zak18a]. **graded** [AB18, BN16, BZT16, CFLX18, FXCC18, Kia16, KM13, Osm18, XFL16]. **graded-index** [Osm18]. **Gradient** [AD16, HM18b, LSW16, WYD10, AM18, Bra16, Don10b, DFS14, FLH10, FL11a, HP13, HR15, HM14, KLK15, KM14, KMS19, KHF⁺19, LD11a, LZD17, LGC⁺17, LNW19, LSD10, LLY13, LFZ19b, MF18b, Mai16, SS17, Tan17, TNP17, WZ17b, XM15, XBHN16, ZT13, ZDL11, Zha15a, ZY17a, ZY17b, ZZLB18, ZFY⁺19, Zha19a, ZLZG11, ZXW13]. **Gradient-based** [HM18b, WYD10, Zha15a, ZY17b, Zha19a]. **gradient-enhanced** [KMS19]. **gradient-type** [FLH10, FL11a]. **gradients** [CNH17, RSB14, SZA⁺18]. **grading** [LMMT15]. **gradostat** [DKG14, MKG13]. **grained** [JCZZ13, Jum10, KHWK10]. **Grammian** [CZ17, Men18, YTS⁺17]. **Grammian-type** [CZ17]. **granular**

integrodifferential
[BK11a, BK12a, WZWX11, WW14b]. **Intel**
[CCHG17]. **intelligence** [DCG⁺12, HSZ15].
Intelligent
[XCM12, Che11e, HDHL11, YC12]. **intense**
[Bis14]. **intensity** [CKL18, Dos18, FQLC18,
GC19b, KL16b, VC12, WCH18]. **intensive**
[AGK15]. **inter**
[PKTH13, SCKH10, YWK⁺10].
inter-domain [SCKH10, YWK⁺10].
inter-group [PKTH13]. **Interacting**
[THfL17, BKMT16, MV12, MW13, PP10,
PLKCC13, VDV13]. **Interaction**
[FW18, WWD18, BHK16, BM18a, GZD18,
HB19, HZ10, HTM18, HLY16, HYC18,
IMS19, KEHB18, KSD⁺19, LX16, LWW19b,
LWW19a, MYZ18, MZM19, MGN⁺16,
MMT18, MUB⁺16, RMY19, RHC15,
TTG16, VHPVNXW18, WLA18, XYXZ16,
ZYT⁺16, ZBFC19]. **Interactions**
[ML19a, GSY10, HTY⁺19, LNKU12,
LGH⁺11, Yoo17]. **interactive**
[AM14b, DMPV10, HWH⁺15, ZLHF19].
interconnected [LLC13, THY⁺10].
interconnecting [Hof18]. **interdependent**
[BKK11]. **interest** [CXZ15a, HZ18, LW11d].
Interface [ZHL12, ABRL18, AYH17,
BCH⁺18, BMS19, BGR14, BBL19, BPZ19,
CPT15, CAC14, Du12, FGB19, GLZ18,
HR19, Hes14, HSJ15, HQ19, JM15, JCF19,
JK12, KEHB18, MA16, PBK19, QCLC17,
ST15, ySGL⁺10, WC15, WHS17, WCSW18,
WHS18, WLZ18b, XW14, Yan15].
interface-aware [BMS19]. **interface-level**
[CAC14]. **interfaces**
[HT16a, LSZ16, NZ16, RTRR18, WD13].
interference [MLY18]. **interferon**
[LNP⁺12]. **interferon-gamma** [LNP⁺12].
interharmonic [LL12d]. **Interior**
[HKP17, ZG14, CLL19, GNP14, Ram11,
SDM10, SCGW18, ZCW15, ZD15].
interlacing [MCP13]. **intermediate**
[ESBR10, GDZ11, ZRC11, sHC11]. **internal**
[BP18, JPCY13, RSL⁺18, Rus16].

internally [GK18]. **international**
[Che11b, WD12, BCHS18]. **Internet**
[WZCC10, XCM12, gZnZpZbD12].
interplay [CFB11, KP19b]. **interpolant**
[GW15a, ST16]. **interpolants**
[BGIN13, BL14, CDP16]. **interpolated**
[OKTR13a]. **Interpolating**
[BD16, AD15, LS10a, Wu11b].
interpolation [BCB11, CD14, Cia16,
DA18b, GWZ11, HH10b, LW19a, LXZ13,
LZH16, LL19b, PU10, QKR19, RFK16,
Seg19, SW16b, Tha19a, VP11, Von19,
WXF10, Wei17, Zha18d]. **interpolations**
[Bic11]. **interpretation** [Del13, XA13].
interruption [CTD10]. **intersection**
[BE18]. **Intersections** [CYM13].
Interspecies [CP16a]. **Interval**
[AAZ10, AD11b, JTC⁺10a, Jia11, LS12c,
dCMdSGTdC⁺16, SK11c, WYG12, Wan13a,
BCB11, BKM11, Boy10, FLLF10, HDT11,
Ikh11, JY11, LZYW13, LZ11e, Lit13, LZ12c,
WL13a, YLY⁺09, YW11a]. **Interval-valued**
[AD11b, JTC⁺10a, Jia11, WYG12, Wan13a,
FLLF10, JY11, WL13a, YLY⁺09]. **intervals**
[Bai12, BEAA11, Li12a, LLL12]. **intra**
[MYZ12, PKTH13, SRS11].
intra-clustering [SRS11]. **intra-group**
[PKTH13]. **intracellular** [Xu11b, XBHN16].
intrinsic [COR18, GV11b, GL16].
Introducing [HMP⁺15, KNZ19].
Introduction [FGHZ13, FGHZ14].
intruders [LX12b]. **intrusion**
[SLXC11, TXZ⁺10]. **Intuitionistic** [AB11,
SR12, ADA11, Deb12, JTC⁺10a, Jia11,
qJhY12, Li10a, MME10, PCK13, WYG12,
Wan13a, WL13a, YLJ12, hYxLL10, ZW11c].
invariance [ADGL14, Mah14]. **Invariant**
[Li12a, MN17, PDHL12, RS18a, Ray18,
RÖ10, YÖ10, BG13, GH13a, GK13, Guo12,
JC12, KKVS19, KT18a, PP12]. **invariants**
[KYAA10, KK10c]. **invasion** [Amo15,
GL17a, HLZM16, HBS⁺10, SNSK19, ZZF18].
invasive [BFF⁺11, SD15b]. **Inventory**
[BMM12a, CB10, Chu12b, TTMJ12,

WW10c]. **Inver** [tWqLzGkP11]. **Inver-over**
[tWqLzGkP11]. **Inverse**
[BCHS18, BM13b, DNS15, FRSC16,
GHC15a, MMOJ14, XC16, AZ15, APRM11,
AKMS18, AS15a, BT10, BF16, CZF10,
Col18, CHS19, CGJ$^+$14, Ehr18, FIM18,
GR19b, GSR14, GN19, HA18a, Haj18c,
HSZ15, JKB11, JW18a, JL15a, JWX$^+$13,
KK19a, LP10, LZ11c, LLY18b, Lin10b,
Liu16a, Liu17, LW18a, LW18b, LRBA15,
LGVS19, MA17, MM13, MPGW19, ORR16,
Par17a, SYZ19, SC13, SBM10, SS16c, Smo17,
SSP13, TCM18, WCB13, WmN13, WCW13,
WW14b, XL15, YY14, YF10, YS19b, dBD17].
Inverse-free [FRSC16, WmN13].
Inverse-Quartic [BM13b]. **inverses**
[Ji14, JL15b, JBBL17, LZ19b, Pet14, WSH12].
Inversion
[Amb12, DGLS19, Hal13, JSEM13, AM13c,
GSZ11, Res16, YLDL11, Zha19a].
inversion-free [Zha19a]. **inversions**
[CLJ11]. **inverted**
[ASMM11, BBBM16, Pan17]. **inverting**
[EMR10]. **investigate** [MMS$^+$18].
Investigating [DLT12]. **Investigation**
[HL18b, ST18, TR14, WTSS10, CB19b,
CLL11, GC19b, KDG11, LLL13, LFC16,
LGH$^+$11, LCWZ18, MR17, PN16, PvdM13,
SHM13, SZ12a]. **Investigations**
[WFZ12, MM18b]. **investment** [LZF18].
invex [Ant10, GJ10, NP12]. **invexity**
[Ant14, PN10, ZLLF12]. **inviscid**
[HG16, Ye17b]. **involutory** [XC17].
involving
[AH10b, AHO16, AS10a, AS11c, ASMEE11b,
BT10, BDGS13, CHZ19, CS10b, DSL18,
EAA10, FKeT12, Fur13, Gen11a, GALO18,
GJ10, HMY15, LS17a, LJX12, LYZ17,
LS11d, MV11, NUH12, OCNG12, PC11b,
RSS10, She18b, SRM11b, TB10, VSI12,
XZL10, Yan11d, Zha11a, ZZ16b, ZLG18,
ZT16b, ZY15c, ZG18a, Zhu10, dSSV17]. **Ion**
[ABK10, GSY10, CD19, EK16, JLD19,
Sea14, Sea16, YLH12]. **ion-acoustic**

[Sea14, Sea16]. **ionic** [Tim14, TRL19].
Ionkin [BCK11]. **ions** [ABK10].
iontophoresis [FdOP17]. **IOT**
[gZnZpZbD12, ST12]. **IP** [CHY12]. **iPad**
[GMAM12]. **IPDG** [BS14a]. **IPDG/TDG**
[BS14a]. **irrational** [LX10a]. **irreducible**
[CKK$^+$10]. **irregular**
[ACC18, FID14, Fis18a, GHL18, LFAL19,
QLT$^+$18, WY18a, WH11b]. **irreversible**
[CYM13]. **irrotational** [FLZ14a].
Isentropic [PBM19]. **Ishikawa**
[KK11b, Buo11, KK10a, XLK11]. **islanding**
[LCW12]. **isoflux** [HHM12]. **Isogeometric**
[HT16a, KVJB15, KP19a, MRS15, Moo18,
PXXZ16, BMAR18, GR15, Hof18, HWH$^+$15,
KLCD16, KV17a, KV17b, KT15, KKJ15,
LZL$^+$18, LMMT15, NXHN14, ST19, Tan18,
Váz16, WZH18, WKP$^+$14]. **isolated**
[BG10c]. **isolation** [SG11a]. **isomorphism**
[MZLF10]. **isoparametric**
[GLLC19, Rua19]. **isosceles** [AG11].
isothermal
[GFZ16, MLL16, PFDG17, SS16a].
Isotropic
[GKS17, BM13a, FR15, FWW14, KNIF13,
KQ11, LX15b, XBHN16, ZR18c, ZY17d].
isotropy [ADGG13]. **ISPH**
[RTRR18, TY13]. **Issue** [LK15, LZL$^+$13,
SPCS13, VBW10a, YWL$^+$11b, ZFLM19,
CBM10, PHWM10, VBW10b]. **issues**
[AJJAD$^+$10, HSS$^+$12, PTH$^+$16]. **Itô**
[Ade16, KP13, MKR12, Pal12, VB10b].
Itô-type [KP13]. **item** [DRK10]. **items**
[Chu11c, TTMJ12]. **itemsets** [FKC12].
iterated [HKK$^+$16, Lam13]. **Iteration**
[AMA14, YMDZ10, Aba10b, AP10, AM14a,
BMM12b, BPG10, BKY10, CM16a, CMR17,
CCG18, CW10b, CWDL17, CS11b, DNS15,
Els10, FZ14, FWZ16, FZ19, Far11, Gen10,
Gen11b, GH15, HSWZ11, Ikh11, KA10a,
KFYW11, Kim11, KT11b, LM17, LHY18,
LM18b, LZ17, LHL12b, Lu11, Mia18,
NLA19, Naw11, RWTW19, SEY12, SS10,
SCC12b, TTZW18, WLD13, WLM13,

WMW13, cW11, XY17, XWY17, XWY18, YXS10, YC11, YX11b, Yan17, ZS11a, ZM16a, ZYW15, ZY10b]. **iterations** [BMJ19, Mah10b, MM18c, Nil11, RH15, ZHY14]. **Iterative** [BKMT17, BOT14, CGY10b, DL10, DLD10, DSM18, HMF⁺19, JRB15, Lan12, NUNAS11, RSM17, RH15, SR16, Wan16a, WFDW10b, XHM14, AJAR18, ABCR10, BJQS18, BGGCGRSP16, BR18, BPG10, Buo11, CsH10, CGY10a, CGY11, CC11, CM16b, CX16, CM17, DGB10b, DN18a, DM19a, FIVM17, FIMV18, FL14, GHC⁺15b, HH16, HYS⁺14, HWXC16, HWXC18a, HM18b, KS10a, KK10a, KK11b, KM14, KA10b, KYR11a, KYR11b, KA11, KV18, LP10, Lee11a, LP12, LY15, LFZ19a, LBW11, Liu15a, MBHV10, MO14, NHIN16, Ned12, NKA18, OTiSY16, PÁAP⁺15, PPD10, Pet14, RS15, She12, SS17, SZ12b, TCM18, TA11, WYD10, WW11c, WKS13, XM15, XLK11, YD12, ZT16a, ZDL11, ZY17b, ZZL19, Zha19a, ZL16, ZGL14]. **iteratively** [WWB13]. **iterators** [Mor13]. **Ito** [LWW19a, MYZ18, Zed10]. **IV** [ZFLM18, Bae10, CP16a]. **IVFSs** [WW11b]. **IVIFSs** [WW11b]. **Ivo** [DFG⁺18]. **IVPs** [AR10a, Eba11].

J [McN12, HSMG12, SSR11]. **Jacobi** [CC11, YYYH19, CLMM18, DHY19, ES18, Elb11, LPML19, MJB18, PCS13, SD12a, TÇA11, Tre18, VT11, ZQ14a]. **Jacobi-like** [CLMM18]. **Jacobi-type** [PCS13]. **Jacobian** [CW18, ZKBE16]. **Janous** [SLW11]. **January** [Ano18-54, Ano18-67, Ano19-50, Ano19-59]. **Jarratt** [ATUC15]. **Jarratt-like** [ATUC15]. **Jaulent** [YGS⁺16]. **Jeffery** [EG10, MGB⁺11]. **Jeffrey** [Eba14]. **Jeffreys** [BB18, GF19]. **Jenkins** [WYD10]. **Jensen** [AD11a, AD10a, GKK11, KC11, MRR11]. **jet** [GUK13, YL18a]. **jets** [CY14b, ZCSG13]. **Jimbo** [YTS⁺17, BM18a, HTM18, LDL11, LYC⁺19, LSX13, Man18, YM17, ZBFC19].

Job [YWW⁺12, AK12, DM12a]. **job-shop** [AK12, DM12a]. **jobs** [MMR10, MMR11, WSS10]. **Joint** [PZAR19, BJLZ12, CLMM18, DH10c, KGJ11, YLC12]. **Jordan** [BFSO12, Zhu10]. **Joseph** [HQ19]. **July** [Ano18-53, Ano18-61, Ano19-49]. **jump** [AYH17, BM19, DNS16, HMV18, Lee14, LZ12c, RR14, TC16, VB10b, WZ17a, YKA18, ZZL15]. **jump-diffusion** [DNS16, HMV18, TC16, WZ17a, YKA18]. **jump-diffusions** [Lee14]. **jumping** [BV11, ST18]. **jumps** [BS10b, Che11b, CNP14]. **June** [Ano18-69, Ano18-70, Ano19-58]. **justification** [CRA19]. **juvenile** [ADY12]. **juvenile-adult** [ADY12].

Kac [DZ18]. **Kadomtsev** [LXY19, WF17, WF18, Ade17, CTSX16, CZ15, Gep16, HTY⁺19, IMS19, JPB11, KTK17, LZL19, LWL11, LMZK16, MCF18, QTW⁺18, SIL19, SMYK19, TTX⁺16, WTYZ17, WW18a, WL16, WTLS18, YMHL18, YTL⁺18]. **Kansa** [CYS10, CHL18, FJB19, YY14]. **Kansa-type** [YY14]. **Kantorovich** [SNH10, WFL11a]. **Kantorovich-quadrature** [SNH10]. **Karman** [Par18, KPK18a, Par15]. **Karst** [LWL14, LS17b]. **Kashiwara** [YTS⁺17]. **Kassem** [EM19]. **Kaup** [DYH11, ZA15]. **Kautz** [SD12b]. **Kawarada** [Pad18]. **KD** [KK17]. **KdV** [Her19, YYC11, GABC16, zLYLQ19, MDW11, RG18, SR15, Sea11, Sea15, Üns18]. **KdV-type** [Üns18]. **KdV-Zakharov** [Her19]. **Keller** [FL13b, FHA16]. **keloid** [BF11]. **keloid-immune** [BF11]. **keloids** [FBL11]. **Kelvin** [BN14a, BP19, SJL⁺19]. **Kerberos** [SCKH10]. **Kernel** [PB13, Arq18, CC15, DA18c, DGLU18, DH16, KTDT17, LLSW10, MKS13, SG16b, TS11b, WSCL11, WLHZ14]. **kernel-based** [DGLU18, DH16, KTDT17]. **Kernels** [YG11, DM15, MFSL19, QX19, WBN18,

Wu18b]. **Kernighan** [tWqLzGkP11]. **key**
[CM13a, CSCM13, GLM$^+$11, HPC12,
Lee11b, LD11a, NCL13, PKTH13, RWZ13,
VBK13, WH10, WMZW11]. **key-insulated**
[RWZ13]. **keys** [LW10, RWZ13]. **KGS**
[DM16]. **Khokhlov** [KKK14]. **kind**
[BM11a, BS15c, CWQJ12, CHS18, DWS19,
MBHV10, MSG11, OCNG12, SNMA12,
WXF10, Waz11b, XX17, Yüz12b, pZ10].
kinds [Çak11a, MZJ11, WFZ12]. **kinetic**
[Bab14, BF11, BMS13, BKK12, Bre14,
EAEH18, HL18b, KNZ19, KGM11, LF11b,
LBZL11, LZPZ19, LZZ19, LZB15, PZZ18,
PLMS14, WSCW16, ZYZ$^+$16, ZYZC18,
ZQ14b]. **kinetics**
[BG13, CLM12, CYM13, Lóp19, SL18b].
King [CM11b, DK12]. **King-type** [DK12].
kink
[LD11b, WF18, bZM17, ZBFC19, qZM17a].
Kirchhoff [CTG17, CC19, CO19, CHZ19,
DLS18a, DN18a, DSL18, HY18, HL18a,
HGSL18, HCF16, KLL19, KJ11, LSCG16,
LL16a, Li18b, LRZ18, LYZ17, LLP19, Lü14,
MM13, MPLR18, QHT16, She18a, SC19b,
TNV19, WW15, Wu18a, XZR16, XC18,
ZJ17, ZT16b, ZWW13]. **Kirchhoff-type**
[CC19, CO19, DSL18, HCF16, LL16a, Lü14,
MPLR18, SC19b, WW15, ZWW13]. **Kit**
[GMAM12]. **KKL** [RSL$^+$18]. **KKM**
[HS11b]. **Klein**
[CM11a, CT18, DM16, DL14, GML17a,
HHGA19, MS18, WV16, Wan19a, YMDZ10].
KN [Yu11a]. **knapsack**
[Lee11b, RFP11, RF12, WH10, You11].
KNC [CCHG17]. **KNL** [CCHG17]. **knot**
[JRSZ12, LD13b]. **knots** [SLKK19].
Knowledge [YWL$^+$11b, HMP$^+$15, LML11,
LTX$^+$13, NB17]. **knowledge-based**
[LTX$^+$13]. **knowledge-reduction** [LML11].
known [Kup11, fLcJ10, LZ12c]. **Koch**
[PU10]. **Kolmogorov** [He16, HLvS18,
KO11a, KO11b, MP19a, TZG10, XLZW11].
Konopelchenko [Abd18b, KKK16, LCW19,
Ray17, WZMY18]. **Kontorovich** [Ehr18].

Korteweg [Asl10, Dem10b, ES18, KT18a,
LGZ19, YYC11]. **KP** [AGT19, CZ17,
HLLM19, HYC18, LWW19b, MZM18, Sah17,
TZ15, YS16b, ZCZ17, ZCT18, qZM17a].
KP-like [YS16b]. **KPI** [CZ18]. **Krasner**
[Dav10]. **Krätzel** [KRGS$^+$10]. **Kriging**
[DA16, LLW15]. **Krylov**
[BJRF19, BS11b, BJS15, BOT14, CL16b,
DGR18, Liu15a, SL18b, WmN13]. **Kuhn**
[GN12]. **Kukles** [PL10a]. **Kummer**
[MB10a]. **Kutta**
[KMS10, KAS11b, MBJ16, FHZ13,
MVKK14, SLL17, TFS11, Tsi11, ZGD14].
Kuznetsov [Che19a, DGA18, DS18a, Her19,
KK19c, Kuo18, zLZ19, Ray18, GABC16,
PMA17, SR15, Sea14, Sea16, ZTZJ14].
Kwon [KSJ12].

L [KKT13]. **L-stable** [KKT13]. **L1** [ZJZ18].
labels [BSN13]. **Lacunary** [Deb12, KS11].
laden [AJS14, GLW13]. **lag**
[AS11b, BCFQ19, FDXW11, KM13, LZCL18].
Lagrange [Agr10, BS16b, BGR14, EO15,
KEHB18, Kim15, KPS17, LP10, PBM19,
PBK19, WLW17, YÇG12, YDL11].
Lagrangian [AP19a, BMS19, BG15,
BGM19b, CM19b, CMT12, ILV$^+$19,
KSD$^+$19, LMLB19, LMRS10, Liu16e, PW10,
RÖ10, SWS19, TC16, WSM$^+$19].
Lagrangians [DBH$^+$14]. **Laguerre**
[MB10a, MD10, WJ11]. **lakes** [LZ19c].
Lamé [BG19, BTB18, ZS18]. **laminae**
[Sza15]. **Laminar**
[GK18, HLB14, GD10b, LWC13].
laminated [MG15, SSH15, ZTW$^+$19].
laminates [DD19b]. **lamps** [CCKY12].
Lanczos [Haj18a, YXYH10]. **Landau**
[LT13, AET19, BM19, FSZ18, Pu12, RSB14,
WH18, XaZH19, ZY15a, ZZL19, ZY17d].
Landweber [HXX19]. **Lane** [AR10a, VA10].
language [GA10]. **Laplace**
[BG10c, Chu18, DM12b, DBS12, Dos18,
Hol11, LW18a, MZC17, MZM19, NLA19,
OZF19, ORR16, Par11b, PL17, Rah11a,

WCH18, Zbo19, ZY15c]. **Laplacian**
[DZ21, ABB17, AEO15, BLS18, CTP10,
CDM12, CTA12, CHZ19, CP15c, CP16c,
CCP19, DG13a, DLS18b, GALO18, GKM11,
GJX18, HY18, HGW18, HT19, Ili10, KSZ18,
KLL19, LCW10, LD18, LSM10, LL10b,
LJX12, NT17, PC11b, SD18, SYY13, Tar17,
Tod18, Tru19, VLJH18, WZH10, WZF16,
WW19c, Wu16, YY10b, Yan11c, YZ19,
ZYS10, Zha18a, ZZ15b, ZG18a].
Laplacian-based [GJX18]. **Large** [FG18,
GW12b, HBK$^+$19, JKN10, Sag10, ZXW13,
ADD$^+$15, BJS15, CCY10, CZY11, CChL14,
DGOZ13, FGHZ14, FLH10, FL11a, GH15,
GOT19, HIS19, HAESLB14, JW10, KLK15,
KM14, KLTS11, LC12a, LHY11, LCQF19,
LLH10, LFZ19b, MY10, OPDC12, SKFG11,
SM14, Sun11, THY$^+$10, WLYX13, XY11,
YLS12, YWW$^+$12, Zha14, Zha15b, ZD15].
Large-eddy [HBK$^+$19, Sag10]. **large-scale**
[BJS15, CCY10, CChL14, DGOZ13, FLH10,
LC12a, LHY11, LCQF19, LFZ19b, SM14,
THY$^+$10, YWW$^+$12, Zha15b]. **Laser**
[BGM19a, WRW$^+$19, BG10b, KÖC$^+$18,
QXG13, SSIP19, XWH16, ZTY$^+$19, ZTSC16,
FSM19]. **laser-induced** [ZTSC16]. **Lasota**
[HGW11, WYN12]. **latency** [DYQM14].
lateness [AA10b]. **Latent** [xLlFwWL12].
Lateral [WCQ$^+$19]. **Lattice**
[ASFM15, AJS14, BV10, BFS15, CYP16,
ÇA10a, CZY11, CCSZ14, DSK$^+$14, FVVS16,
GLW13, GZR$^+$13, GUK13, GR10, GD10b,
Hei10b, HLSN16, JMST11, LWR16, LCS15,
MJ14, OF16, PD11, SK14a, Sag10, SG11b,
SKFG11, SZP$^+$11, Tro13, WWLL13, YLY12,
YB13, Yan13, YKKS10, ZCSG13, ZY15a,
ZY15b, AM10b, AML$^+$14, ABR$^+$14,
ADGG13, ADGL14, AYY12, BRFH16,
BR13a, Bre14, CWH13, CCY18, CZ11b,
CLL11, DL16, Del13, DZW$^+$15, DLT10,
DL11, Dub13, EAAS18, EAMA19, FIVM17,
FIMV18, FES$^+$19, GWR$^+$18, GSPK15,
GGGR17, GSZ11, HP19a, HZ10, HBS$^+$10,
HBK$^+$19, HG16, HS18, HMSC10, HBE14,
HBE15, HTL10, HSC17, HYS$^+$14, HLSN15,
HWyL11, Ima17, JK10, JLD19, JQG14,
KNZ19, KTH13, KVR11, Kup11, KGM11,
LD13a, LDS10, LZZC12, LSC17, LLML10,
LYN11, LG13, LGL$^+$14, LBL14, LW11d,
MMHGM17, MPGW19, OKTR11]. **lattice**
[OKTR13b, OVV$^+$16, OAY11, OHK$^+$19,
PLR15, PTH$^+$16, PGW19, QWGJ15,
RSL$^+$18, Rhe10, RJGS$^+$19, SSHH$^+$18, ST15,
SPT17, SKG$^+$11, ST14, ST18, Ste16,
SKTC15, SKTC19, TR14, TTT10, THC$^+$18,
TDM13, UMLF13, WXYW11, WH11a,
WAG$^+$14, WSC16, WLA18, WMP$^+$19,
Wan19a, WL13b, WTSS10, WHQ$^+$18,
WZHW13, WGY$^+$18, WCZ$^+$19, XZ11,
YY11a, Yan10c, YSW16, YCW$^+$14, YNS$^+$14,
YCS19, ZZX$^+$14a, ZZX$^+$14b, ZSW15,
ZYZ$^+$16, ZYZ$^+$17, ZYZC18, ZHW$^+$18,
Zha13, ZLC$^+$11a, ZM16b, ZHW$^+$11, ZZC13a,
ZZC13b, ZPGW16, DJD18, GGGR17,
HLNZ19, LCS18, QKR19, RKA$^+$18].
lattice-BGK [PGW19].
Lattice-Boltzmann
[BV10, Hei10b, YKKS10, CLL11, WMP$^+$19].
Lattice-Boltzmann-based [Sag10].
lattice-gas [HBS$^+$10]. **Lattice-valued**
[JMST11]. **lattices** [BM18b, BFS15, KD12,
LZH12, LXF11, Med12, PB12, yYqWqZC13].
LAVIR [Bar17]. **law**
[AM14a, BHZJ19, BDS17, BPZ19, DKM17,
Gal11c, KAA19, MA10b, SMBY10, Sun11,
TS11b, VPR11, WLXZ18, Zha19c, Zho13].
laws [Abd18b, AP19a, BKZ17, CG13, Col14,
EK16, FM19, Kim15, KPS17, Kim18,
LHD18, LXY19, LDG19, Ma19, MW13,
MK17, RR18, Ray17, RS18a, Ray18, YÖ10,
Zha17b, ZKBE16]. **Lax**
[BKZ17, LM19a, MR17]. **Layer**
[SNEP19, AGT19, Bog11, Boy16, Hak14,
HTL10, HW19b, KS12a, KYY12, LYL12,
zLYLQ19, MM18b, RBB12, Ran15, REHA11,
SYO12, Tur10, WO18, Ye19, Zha19c].
layer-based [LYL12]. **layered**
[CJ18b, QWL19, SRV10, WL17b]. **layers**

[AGH$^+$15, FP19, GZR$^+$13, HN18, KAG11,
Kia16, LTT13, LLG10, LZ18c, Ma10a,
MLG17, SCA14]. **layout** [HGJP19]. **LBE**
[Kup10, Kup14]. **LBM** [GOT19, GC19b,
JK11a, JGK13, KORR10, YLF19]. **LCP**
[YGR11]. **LDG** [Bac14a]. **lead** [BMM12a].
lead-time [BMM12a]. **leader** [yN11].
leaders [yN11]. **leading** [GS15a]. **leakage**
[BKR11, Cha13]. **leaks** [MEAMHHV18].
leapfrog [HCLL18]. **learned** [LYSZ19].
Learning [LS10d, PB13, Ahn12, FHH13,
HCHH12, KSPP11, Lan12, Lee11c, LLD10,
xLlFwWL12, LZC13, LLW15, MKA$^+$10,
SSM12, SLYY13, TNT12, Wan08, WSS10,
WW10a, WWW11a, WWW11b, WWH12,
WLYX13, YH11a, YX11c]. **leasing**
[ZZXY12]. **Least** [BDGG14, GCDG17,
HA18a, HK17, KDU15, LR14, RCM11,
TCM18, BQ15, BQ17, BJQS18, BJ19, BG14,
BC17, CCKP15, CT18, DM16, Dia17, GB16,
HS13, Hes14, HSJ15, Hes18, HM17c, Ku18,
LC10a, LGG12, LL16b, LZ17, LJJ17,
LJLY19, LY11d, Liu14, MLGY16, PFDG17,
PGF18, PATA11, RMB$^+$14, TJQS13,
TBP19, WLT13b, YC10b, YD12, ZLZ11,
ZMLZ16, ZY17a, ZWLZ18, ZL13].
Least-Squares
[KDU15, RCM11, HK17, BG14, BC17,
CCKP15, GB16, HS13, Ku18, LC10a, LZ17,
LY11d, MLGY16, PFDG17, PGF18]. **leaves**
[LHH10]. **Lebedev** [Ehr18]. **Lebesgue**
[Li17b]. **Leffler** [GMP18, Kir10a, LCP10].
Left [Gal11e, Mok11, NM11a, RTB14].
left-looking [RTB14]. **Legendre**
[AR10a, BKY10, CCJV11, CNV14, Cvi10,
DB12, ED11a, JYF$^+$11, KK14a, MKL11,
MBH11, RG18, SD12a, SXM11, VAB12,
ZLJ$^+$18, ZC17]. **Legendre-spectral**
[AR10a]. **length**
[CL12a, KRP12, LXYT11, MP11b, MP16].
lengths [Don10b, Gao11, TMMASG10].
Lengyel [MAB19]. **Lengyel-Epstein**
[MAB19]. **Leon** [ES17, LM18a, Liu18a,
LZM18, PTZ19, MR17]. **Leray** [SM10].

Lerch [Cvi10, SJPS11]. **Leslie**
[Li14, LWN15, YL13, YXWL14, Zha18f].
Letnikov [SKTH11]. **level**
[AMGC19, AVZ15, BDF16, BS17, CCY10,
Chu12b, CAC14, DLQ16, FLLF10, FIW13,
HMF$^+$19, He16, JZE$^+$18, KWAS16, LHL12b,
MBH16, MM18d, MS15, PÁAP$^+$15,
PZAR19, ST15, SPT17, SHH16, TS16,
WCLD18, ZT15, ZLS13]. **level-set**
[BDF16, HMF$^+$19]. **leveled** [IC12]. **leveling**
[qGpWhL11]. **levels** [CZ10, ZGD13].
Levenberg [HM19]. **Lévy** [Li18c, LPP15].
Lévy-type [LPP15]. **LFSRs** [QGGL13]. **Li**
[YLH12]. **Li-ion** [YLH12]. **liability** [LS11c].
LIBOR [LSV18]. **lid**
[PD11, SK14a, SSPL10, ZZC13a, ZZC13b].
lid-driven
[PD11, SK14a, SSPL10, ZZC13a, ZZC13b].
Lidstone [Yan10d]. **Lie**
[Abd18b, eMA18, Ade17, BSZ16, CYZZ18,
KKK16, KT18b, KK19b, KK19c, LXY19,
Ray17, Ray18, RÖ10, RRP16, SR17a, Sin16,
UKA15, WLXZ18]. **Lie-group** [CYZZ18].
Life [Nab19, CL12a, GM18b, KAK$^+$12,
LYJ15, MSH10]. **lifetime** [BEAA11].
Lifshitz
[AET19, BM19, LT13, Pu12, ZY17d]. **lifting**
[Pan11]. **light** [HCT12, HLY16]. **like**
[ATUC15, AG10a, BJLZ12, BMAR18,
BM18a, BT15, BA16, CNR10, CLMM18,
Cia12, DT16, DD16, DRS11, GH15, GC19b,
HM15, HM19, HN10, KSG11, LSD10,
LMZK16, QL10, RKSA18, RWW18,
RGdSRLAJ10, SAIZ15, SMYK19, Von11,
WKG10, Wei14, YS16b, YK17, ZDZY17,
ZBFC19, Zha19b]. **likelihood** [LD11a].
Limit [CD10, AZ10, Bab14, GOGYL$^+$11,
HP10, KLTS11, LFJ11, LSJ12, MS18, Pit12,
RSH18, TDXQ18, ZYZ$^+$17, ZZG19].
limitation [ZY13]. **limitation-induced**
[ZY13]. **limitations** [CDG15]. **limited**
[Gos10]. **limiter** [VFM19]. **limiters**
[HLL$^+$15, LvS15]. **limiting**
[KdLK19, RAW$^+$16]. **limits** [Gal10b]. **Lin**

ZWMD16, jZsQdLmG19]. **local-volatility**
[LL17, SYZ19]. **local-world** [gZnZpZbD12].
locality [Hu19, LRTV10]. **localization**
[HVR18, LKK12, zLYmL18, Sza15, YC12].
Localized
[CPP15, HYC18, ZcHS18, KSG11, KKLJ11,
xLlFwWL12, LWW19b, LWW19a, WL16,
YKC11, YCLY15, Yao16, ZZ10b]. **Locally**
[Bar17, Cie13, EDC14, BG15, CCRS17,
FMPR15, JW19a, Lad16, Wu18b]. **locate**
[Chu11c]. **location** [APT11, CGJ⁺14, KV10,
LGVS19, Mok11, MP19d, RG11, SSPL10].
locked [BG10b]. **Locking**
[LMR14, BHM19, RS18b]. **Locking-free**
[LMR14, RS18b]. **locomotion** [SCC⁺12a].
LOD [WW16]. **Log**
[FXC18, Boy16, KWPK13, PW18, ZJ12].
log-and-polynomials [Boy16]. **log-convex**
[ZJ12]. **log-determinant** [PW18].
Log-Stable [FXC18]. **logarithmic**
[AAR11, mCfX10, DZ21, HGW18, LTLL12,
NT17, Tru19, YS17, ZH18a, Zho19].
Logarithmically [GLR13, LZG13, WY18b].
logging [MTV13, MPMTV15, dlPBTW13].
logging-while-drilling [MTV13]. **logic**
[HHY⁺11, PB12, SH12b, Wu10, ZJZ⁺11].
logical [CL12c]. **logics** [JTC⁺10b]. **Logistic**
[SZDO10, Xia11, ABM11, BR13b, FL13b,
HLZM16, LMZ18, LW12a, LW12b, PATA11,
ZW16a]. **logistically** [TH13]. **logistics**
[WWH12]. **Long**
[Li19a, Ngo18, NWZ11, PQB⁺16, FLZ14a,
KBA11, LG13, MS12a, NNR14, Ros12,
SIL19, SEM13, UKI11, WWD18].
long-range [MS12a]. **Long-time** [NWZ11].
long-wave [SIL19]. **longitudinal**
[HHM12, Kia18]. **looking** [Raf12, RTB14].
Loop [KLCD16, AZ10, DLWW12, KW12,
LMMF17, THY⁺10]. **loops** [EKS10]. **loss**
[WL12a, ZLG⁺10]. **lossy**
[Che15b, HCLL18, ZR18a]. **lost** [EMRS12].
lot [CCY10, DRK11, DH10c, WW10c].
lot-sizing [DRK11, DH10c]. **Lotka**
[ACTB19, CS16, CSW11a, GKLR11,

JWX14, MG16, Via15]. **Love** [MM13]. **Low**
[CGHW14, CS14b, LCT12, AEH19, BK14,
BD19, CY14b, sCYhX18, CZ11b, CCKY12,
Cia16, CJK17, EG18, EHL⁺14, GSD⁺19,
HP19a, HVO17, LCQL17, NDC⁺19, PDN19,
QCG15, ySW10, WCB13, WWXW19,
ZLW18]. **Low-complexity** [LCT12].
low-contrast [ZLW18]. **low-dissipation**
[NDC⁺19]. **low-frequency**
[BD19, CCKY12]. **low-Mach** [sCYhX18].
Low-order [CGHW14, HVO17, LCQL17].
Low-rank [CS14b, AEH19, BK14, EHL⁺14].
low-regularity [Cia16, CJK17]. **Lower**
[Bag17, SRG16, HGSL18, HL10, KP10b,
MMA12, San12, WZ10, Wu18b, YLB16,
ZS11b]. **lowest** [SLW14]. **LQP** [BX14].
LRBF [ZcHS18]. **LSQR** [LJJ17, LJLY19].
lubricated [Wan12]. **Lucas**
[CKMR11, Oru17]. **Lump**
[CM18b, IMS19, LCW19, MCF18, MZM18,
TTG16, YMHL18, BM18a, HLLM19,
HTY⁺19, LM18a, SMYK19, WF18, YM17,
ZCZ17, bZM17, ZDZY17, ZLT18, qZM17a].
lump-kink [bZM17, qZM17a]. **Lump-type**
[LCW19, BM18a, HLLM19, YM17].
Lumped [FMSV17, XFY18]. **lumps**
[YHC18]. **Lupas** [DK12, Ost11]. **Lyapunov**
[DRD12, HmZ11, LCP10, TZZ11, TÇA12,
ZHJ11]. **Lyapunov-type**
[HmZ11, TZZ11, TÇA12, ZHJ11].
lymphotropic [EOM11].

M [BA11, EM19, ES11, LWD15, McN12,
WL11b, ZLT18, WY11b]. **M-ary** [ES11].
M-estimator [WL11b]. **M-lump** [ZLT18].
M/G/1 [WY11b]. **Mabrouk** [EM19].
MAC [SR18]. **Maccari** [JKB11, SMDI18].
MacCormack [Ngo18]. **Mach** [sCYhX18,
GSD⁺19, HP19a, NDC⁺19, PDN19].
Mach-number [GSD⁺19]. **Machine**
[WWH12, AA10b, AA10c, CQ11, CLW11,
CCCW10, DM12a, DRK11, Hua12, Lee11c,
LLW11, LLD10, LYLX11, LCC12, LW12c,
MH11, MMR10, MMR11, RMS12, Wan08,

WW10a, WWW11a, WWW11b, YY10c, YH11a, YX11c]. **machinery** [MSH10]. **machines** [CQ11, GAVOF11, TJQS13]. **macromolecular** [BNR10]. **Macroscopic** [DNP15]. **MacWilliams** [ÖŞ11]. **MADM** [Li10a]. **magnet** [HLCY12]. **magnetic** [BTEM19, BDGS13, BPS18, CL15, COR18, EEBM10, FST19, GGR19, HHM12, ILP⁺11, Kia18, Ma18a, Ma18b, MCB10, SLKK19, XWN11, Yua18]. **magnetized** [Sea16]. **magneto** [BCSCB⁺15, Her14, KHF⁺19, LL16c, Ma18a, OSA13, SCBCB⁺13, SCBCB⁺17, YQ18, ZZ18b]. **magneto-hygro-thermal** [KHF⁺19]. **magneto-micropolar** [LL16c, Ma18a, YQ18, ZZ18b]. **magneto-thermoelastic** [Her14, OSA13]. **magnetoelectroelastodynamics** [ZLWL11]. **magnetogasdynamics** [BSS18]. **Magnetohydrodynamic** [AVR17, CYL17, DM15, FVVS16, KLRW12, RY11, UKA15, Wu11a]. **magnetohydrodynamics** [AHHM19, DH18, FKKS11, YH19, Ye15, ZHY14, ZT15]. **magnetosonic** [MR19]. **magnetostatic** [CDN19]. **magnification** [GOT19]. **Mahony** [DAM14, HGHA19, KB19, Oru17, CdR18, NNWAS11, YL18b]. **main** [MJ10]. **maintenance** [ÁBÁPM11, CL12a, DM12a, YY10c]. **majorant** [Gon13]. **majorants** [RSH18]. **majority** [DDD10]. **Majorization** [PA12]. **Makinde** [Pan17]. **making** [ÇE10a, ÇE10b, FLLF10, LS10c, PCK13, WL13a]. **Malaria** [NNR14, PM13]. **malware** [DW18b, ZZW15]. **mammalian** [KC19]. **mammals** [KALAS11]. **mammograms** [LTL⁺12]. **management** [BBO10, BPKM10, CSSW12, CCK12, Chu11b, Chu12b, cFpClC13, HDS11, HMP⁺15, HMM12, HHS⁺10, LS11c, OO12, OPDC12, PKTH13, VMAVGCM19]. **Manakov** [OVV⁺16]. **MANET** [KHIB12]. **manifold** [QCT17, Tru19]. **manifolds**

[BG13, PP12]. **manipulator** [YMM12]. **manipulators** [LH12b]. **Mann** [ZS11a]. **Manna** [LM18a, Liu18a, LZM18, MR17, PTZ19]. **mannequin** [JMDA13]. **manufactured** [KMS19, SNEP19]. **manufacturing** [DSB19, HDS11, KRAS19, MAPS10, RMK19, SCvdV⁺19, WvDRG19, ZTY⁺19]. **many** [Bao16, CTA12, CF16b, CT18, DL14, KK10a, KK11b, Lam13, LWKK10, LZKU11, WW15, ZMM18, ZD11, ZTZ16b]. **many-core** [ZMM18]. **map** [dSCM12, ZG18a]. **MAPLE** [PG10, XYXZ16]. **mapped** [WBA⁺18]. **mapping** [ASV11, LLLC14, Zha11d, yZjH12]. **mappings** [AE12a, AKS10, APS12, BBR10a, CGY11, CGHY11, Cha11b, CS10c, CS11b, CM10b, Cie11, GDZ11, HLS11, HS11b, JPS10, KK10a, KK11b, KKS10, KA10b, KYO10, KYR11a, KYR11b, KT11b, LN10, LjHO10, LT11, Mai10, MS10b, Mar11a, NS11, Nil11, Pir11, QHW11, SLK12, Set12, She11, SH10, SCC12b, SSL11, XL10, XL11, YG11, ZS11a, ZRC11, ZLL11, sHC11]. **MapReduce** [ALLH11, ALLQ13]. **MapReduce-based** [ALLH11, ALLQ13]. **maps** [Ahm10, AH11b, And12, AvdW13, Bur13, CS11d, CGM10, JWX⁺13, KK10b, LC11b, LW10, vdW14]. **Marangoni** [RGVR17]. **March** [Ano18-57, Ano19-51, LK15]. **marching** [KKT13]. **Marcinkiewicz** [HT19]. **margin** [LWJ10]. **markers** [WLC11]. **market** [BBO10, ELS11, LSV18]. **markets** [CJPB10, GW15b]. **Markov** [BY11, ELS11, LS11c, LKCN19, WHW11]. **Markov-modulated** [BY11]. **Markovian** [BV11, LJYS18, LZ12c, PdlF10, VB10b]. **Marquardt** [HM19]. **Martin** [Li14, YXWL14]. **martingale** [DFS11]. **Maruyama** [BM12a]. **Mascheroni** [CM12a, Mor10c, Mor10d]. **masked** [KLL10]. **masonry** [KKSK18]. **Mass**

[DZ16, BHZJ19, Col14, DDK11, EAMA19,
Gal10a, GBG11, Gen11b, HBK$^+$19, Lee16,
LZP$^+$19, MS10c, NPR10, Sul16, XFY18].
Mass-conservative [DZ16]. **mass-energy**
[Gal10a]. **massively** [Cos18, Kan15].
massively-parallel [Cos18]. **master**
[AHOP18, ZWC10, ZWMD16]. **matched**
[MLG17]. **matches** [KSM12]. **matching**
[BL11, BE18, HL11a, HT16a, LG17, fLcJ10,
WS10a]. **material** [BZKR15, Che18, FPB17,
FMGR19, HMP$^+$15, HCHH12, JFS14,
JFS20, TMLF19, XZL$^+$11, ZLS19, ZKBE16].
materials [BHM19, BML11, FXCC18,
KMS19, QWL19, XLF12, XJ18]. **Matern**
[LCLL18]. **Math** [AR10b, AD11a, Asl11,
Bho14a, ÇE10a, Def10a, fDxZ11, DZ21,
GXZ11, Her14, Her19, IIHuI10, ID10, JL20,
Jia11, JFS20, JY11, KPS10a, KK11b,
KYR11a, Li10c, LYS12a, LLH11a, LW12a,
MP16, McN12, Pan17, Pen11, Ran15, SK12,
SCBCB$^+$17, SKTC19, Ver12, WWW11a,
WWW11b, WYG12, Wan13a, WLDL11a,
XLD11a, XWH16, WNC12, WNC12].
mathematic [LHL12a]. **Mathematical**
[ADL12, BPS18, CCDL10, CJK18, DKG14,
GD10a, HHY$^+$11, JK12, Kuo16, SG11a,
Ser19, SS13, AaC19, CFB11, DDLM13,
DNR13, GL17a, JLWX18, MAPS10,
MNJ$^+$13, OHMAK18, OO10, PBS12,
PLKCC13, RMS12, RdSRL19, SSM$^+$17,
SR17a, Sen12, SNSK19, SD15b, TSB16,
WHLC11, YP10, ZQ11a, ASSV18].
Mathematics [Ant14, BCHS18, EM19,
FdOdSS17, LK15, LZL$^+$13, Yaz11,
YWL$^+$11b, Baa13, CBM10, CFB11, Gal11e,
Lit13, PHWM10, SK10b, SK12]. **Mathieu**
[CS10b]. **mating** [ZY13]. **MATLAB**
[FRAK15, BCG17, JRA$^+$18, OBCG19,
RAW$^+$16, Váz16]. **MATLAB/GNU**
[FRAK15, JRA$^+$18, RAW$^+$16]. **matrices**
[BKL$^+$19, CW18, DH10b, Din10, DT16,
DD16, DIS19, EMR10, GH13a, HA18a,
HDT11, HT16b, Ipe12, JSEM13, JL15a,
JL15b, JYL16, JL17b, KKBR19, LFZ19a,

LLCG16, Mis14, MM10b, NHIN16, PW18,
RWW18, Res16, RC17a, SSR11, TL10b,
TM17, WSH12, XC16, ZL12b, dS15, dS16].
Matrix [AEF15, jASzZ12, DH10b, LJLY19,
XKH10, AZ15, ADD$^+$15, BT11, BK11b,
BR18, BS11b, ÇE10a, ÇE10b, CA10b,
CP16b, CM17, CP10, ÇA14, DLD10, DT16,
DD10, DBEE11, DD16, ED11b, EHL$^+$14,
FZ19, FG18, GMP18, Gem16, Haj18a,
Haj18b, HT18, HH16, HSMT19, HM17b,
HM14, HM15, HM17c, HM18b, JJ13, JL17a,
KPS10a, KPS10b, KBDC12, KMRN12,
KB10c, LKLP12, LHY11, LS11b, LZGZ11,
LGG12, LH12a, LZD17, LY11d, LLLC14,
LM18c, MKR12, Mar16, MKPS11, PS12b,
PW10, RWW18, RWTW19, SD10a, SB19,
SH12a, SS17, SPST18, SSP13, SWC11,
Sön11, SI17, TM17, TCM18, TÇA11, Tia11,
TT14, VT11, WLD13, WLW16, WLW17,
WWXW19, WFDW10a, WZ10, WFDW10b,
WLDL11a, WLDL11b, XHM14, XM15,
XC17, XCS18, YL10b, YqS16, ZT13, ZLZ11,
ZYW15, Zha15a, ZMLZ16, ZY17a, ZY17b,
ZWLZ18, ZZ18a, Zha19a, ZZC13a, ZZC13b].
matrix-free [LHY11]. **matroids** [XS10].
maturation [YLZ17]. **maturity** [SXB$^+$12].
max [GWL11, KD11, YXP$^+$13, FKC12].
max- [GWL11]. **max-product** [KD11].
max/min [YXP$^+$13]. **Maxallent** [Gor13].
maxima [CHT11, LFJ11, LSJ12, GHR10].
maximal [CGHY11, FKC12, KST10, LG12,
Liu14, Ver08, Ver12]. **Maximizers** [Gor13].
Maximum [Bog10, KST10, LD11a, LZS12,
YXX11, YLH12, AA10b, BZZ$^+$10, GÇK10,
KK15, KCL12, LHH10, Liu17, LMP13,
Mah14, MMR10, MMR11, NN13, SH18,
Tod12, XFY18]. **Maxwell**
[AVR17, BJQS18, BHZJ19, BDHR18, BD19,
CLT$^+$13, CDG16, CTC17, CT18, CFS17,
DGL12, DGR18, DL14, EG18, FZ17, GT15,
GT16, HLY12b, HCLL18, JRZK11, KVW18,
LT13, LSS17, MSV18, NZ16, Per18, RÖ10,
SBvdV13, SWL16, SLM18, SG16b, SG16a,
Tri11, YZ10a, ZZLB18, ZSLZ19, ZLZG11,

HG18b, Hu18, HMY18, HA10, HLZD11,
HL11c, HZM11, HZP18, HWXC18a, HLX18,
HCLL18, HWXC19, HM19, HD19, HLC11,
IQR16, IK16, IS14, IIHuI10, JKB11, JGSS10,
JKK12, JNJ⁺11, JZ13, JM16, JRA⁺18,
Jaw13, JPS14, JJH16, JW18b, JW19a, JL18,
JXZ⁺10, JW15, JZL18, JZE⁺18, KBA11,
KAG11, KSD⁺19, Kan15, KVW18, KBDC12,
KA10a, KBS11, KWAS16, KK10a, KK11b,
KRP12, KM14, KRCJ11, KM12, KKS10,
KK14a, KFYW11, KW11, KNZ19, KL12b,
KG11, KLH⁺12, KW14b, Kim15, KL16b,
KZ16, Kim18, KLTS11, KN12]. **method**
[KS15a, KFTT13, KHF⁺19, KAS11b, KQ11,
KVR11, KSMN11, KK17, KTK18, KBK19,
Kup11, LCW12, LP10, LK15, LDS10,
LC10a, LP12, LWWY12, LLH14, LL14a,
Lee15, Lee17, LC11a, LHY11, LMR14, Li10b,
Li10a, LCP10, LLJK10, LYZ11, LML11,
LLZ11, LW11a, LY11b, xLlFwWL12, Li12b,
LZZC12, LY13, LJSK13, LZYW13, LY15,
LZWC16, LFC16, LSZ16, LCP16, LL16b,
LS16, LR17b, LCK17, LZD17, LGC⁺17,
LLFT17, LXZ18, LQMW18, LD18, LHY18,
LHL18, LL19b, LFZ19a, Li19b, LPML19,
LH19, LM19b, LK18, LZ19a, LZ17, LMLB19,
LBJ10, LBW11, LYL12, LNKU12, LCLL16,
LS10c, Liu11a, LL12e, LHL12b, LGL⁺14,
LHL15, LX15b, LDL⁺15a, LL15, LZ15b,
LDL⁺15b, Liu16e, LZJY16, LWZ16, Liu16d,
LS17b, LCW17, LW18a, LZLL18, LW18b,
Liu18b, LZ18c, LCHZ19, LFZ19b, LFAL19,
LW13, Lu11, Luk11, LWC13, LM18c, LBL14,
MKHC11, MS18, MR17, MBS17, MDRRV11,
MDVM17, Mai16, MN11a, MTM11, MKR12,
MCKM12]. **method**
[MTN19, MHHC18, MH11, MV10, MCL⁺13,
MBHV10, MMHGM17, MG15, MLY11,
Mia18, MP19b, MFSL19, MHL11, MGB⁺11,
MN10a, Mok11, MSG11, MLGY16, MR15,
MS12b, MT18, MDW13, NLA19, NNK13,
NKM15, NTR15, Naw11, Naz13, Ned12,
Ngo18, NDC⁺19, Oan13, OKTR11,
OKTR13b, OAKR16, OBAAD10, OTiSY16,

OZF19, OAY11, OC14, OP14, OY19, Oru19,
OHK⁺19, eOS18, Özd18, PGQ16, PP10,
PC14, PLKC16, PLW⁺18, Par11b, PCK13,
PFDG17, PGF18, PLR15, PXT10, PW10,
PTH⁺16, PD17, Pul16, QY13, QZ16, QZF19,
QCLC17, QWGJ15, QWL19, QCG15, RZ17,
RMM11, RMA10, RY10, RNB11, RSL⁺18,
RKA⁺18, RAD13, RFK16, RKF18, RG18,
RMS12, RWTW19, RAW⁺16, RRAK19,
RBTD14, RRP16, Ros12, RHC15, RS18b,
SNH10, SD15a, SD18, SSAM11, SK11a,
SC19a, SR15, Saj14, SEY12, SMF17, SMK18,
SRGL13]. **method** [SR17b, SBEB10,
SAIZ15, SMM19, SSIP19, SKTH11, SKG⁺11,
Sea11, SDH13, SG10a, ST16, SVY16, SD11b,
SZ17, SHH16, SL18a, SA16, SG14, SS14a,
SXM11, SZZ11, ST14, SW16a, SZL⁺17,
ST18, SGK18, SPST18, Śmi11, SST19,
SMH18, SSP13, SS10, SG10b, SLYY13,
SJC14, Sou12, SKM11, SW16b, SM14,
SYW11, SSS11b, SK19, SKTC15, SKTC19,
Sul16, SZ12b, SJHC14, SCGW18, SND19,
SI17, TLR17, TR14, TPHD18, TTT10,
THZ⁺11, TDXQ18, TL10a, TC16, TM17,
TCM18, TS11a, TNP17, TZXP11, TMZ⁺15,
TTZW18, TXL19, TCHW19, TDM13, TÇ12,
TMLF19, TC10, TCM15, TT12, VAS⁺18,
VAB12, VBK13, VZM14, VHPVNXW18,
WZW10, WKG10, Wan10a, WZCC10,
WY11a, WSW11, WWA11, WXYW11,
WW11c, WKS13, WL13a, Wan13b, WmN13,
WQRZ14, WC15, WW16, WHTZ16, WZ17b,
WTM17, WC17, WW18b, WCSW18, WH18,
WLXG18, WCH18, WLL⁺18]. **method**
[WY18a, WW19b, WZC⁺19b, Waz11b,
Wei10b, WZKY12, WCCS15, WLZ18b,
WYK10, WHW11, WH14, WHQ⁺18, cW11,
WZY13, WL17b, WSM⁺19, XW14, XD17,
XY15, XFY18, XFH19, XHM14, XM15,
XXG10, XJLX10, XX17, XWL18, XCZQ16,
YT18a, YY15, YXS10, YXYH10, YF10,
YMSL11, YC11, YX11b, Yan11d, Yan17,
YZX18, YCHW18, YLK10, YC10b, YKC11,
YCLY15, YZ15, Yao16, Yaz11, YP10,

ZSQ$^+$18]. **node-foci** [Wei12b]. **nodes**
[BS17, CQLX11]. **Noise**
[BG10b, Bai19, BR12d, BM19, DCKY15,
GB18, KTDT17, LD11a, Li18c, LX15b,
LHLH15, MX15, MT19b, SM17, TKBMT17,
UCK16, XSYL19, YZM$^+$19, YL14, aZW17].
Noise-induced [BG10b]. **noising**
[BPM12, MSTB17]. **Noisy** [SSK13, ZL13].
Non [ABL15, BMAR18, BDO11, BM18c,
BK12b, Ers16, GDM13, KPP13, KHWK10,
LZ18a, LZZC12, MHM11, Par11a, SP10,
SDH15, WF17, Zho16, ATO19, ARK13,
AYH17, AR17, AM12c, BH10, BMTV12,
BBR10b, BGRV15, BGPP11, BSS18, BE18,
BFS15, CGGM19, Cao19, CCJP11, CZN11,
CLB14, CL16a, CZL17, CLMM18, CCK18,
CT10a, CKR10, DSL11, DHMU16, EAEH18,
FZ14, FWZ16, Fio14, FHS18, Gen11a,
GHC$^+$15b, GFZ16, GMZ15, HHS$^+$17,
HT16a, Hu15, Hu19, HLY16, HZLM10,
HWY14, IC12, IW18, JK10, JGK13, JS11,
JZL18, JQG14, KP10a, KRP12, KRCJ11,
KBAF18, KDG11, KNZ19, LLW11, LA11,
LCK13, LZD17, LSS17, LJYS18, LHY18,
LM18b, LX18, LZ19a, LZF18, LLP19, LV11,
LRTV10, uHS12, MCR11, MGN$^+$16, Mia18,
MPGW19, MMH11, Mom11, MS12b,
MSFS18, NPR10, OBCG19, OBAAD10,
Oru19, PR11, PP14, PT15, PM10]. **non**
[QCT17, RMM11, REHA11, RHD18, Rua19,
Sah11, SMM19, SKG$^+$11, SDH13, She18a,
ST14, SL16c, SST19, SKFG11, SR18,
SKH12, Tia19, TAA14, WH11a, WWB13,
Wan16a, WL17a, WHS17, WZ18a, WBZY18,
WW19c, WZG19, WL10, WY11b, XGH17b,
YY15, YJ19, YTF10, YL14, YLG17, YM13,
ZCSG13, ZZ16a, ZTZ16b, Zha18h, ZZL15,
ZZ16c]. **non-absorbing** [RHD18].
non-alternating [LHY18]. **non-arbitrage**
[CCJP11]. **Non-Archimedian** [SP10].
Non-auto [WF17]. **non-autonomous**
[CZN11, CZL17, LLP19, PP14, WL17a,
WZ18a, WW19c, YL14, YLG17, Zha18h,
ZZ16c]. **Non-body-fitted** [LZZC12].

non-chaotic [OBAAD10]. **non-compact**
[CT10a]. **Non-conforming**
[SDH15, WBZY18]. **non-connected**
[EAEH18]. **non-convex** [CCK18, MSFS18].
non-cooperative [CL16a]. **non-crystalline**
[SKH12]. **non-delay** [WL10].
non-dissipative [LSS17]. **non-equilibrium**
[JQG14]. **non-exhaustive** [WY11b].
non-existence [QCT17, She18a].
non-extensive [LZF18, WZG19].
non-Fickian [KRP12]. **non-flat** [IC12].
non-harmonic [LCK13]. **non-Hermitian**
[Cao19, FZ14, FWZ16, GHC$^+$15b, LM18b,
Mia18, WWB13]. **non-homogeneous**
[AYH17, CLB14, Wan16a, ZZL15].
non-ideal [BSS18]. **non-integer**
[AR17, CKR10]. **non-integrability** [LV11].
non-integral [Gen11a]. **non-isoparametric**
[Rua19]. **non-isothermal** [GFZ16].
non-linear [BMTV12, BGRV15, BGPP11,
Fio14, IW18, JGK13, LLW11, MGN$^+$16,
MS12b, OBCG19, PR11, SL16c, SST19].
non-Lipschitz [BH10, JS11]. **non-local**
[ARK13, HLY16, KP10a, YY15].
non-locality [Hu19, LRTV10].
non-Markovian [LJYS18]. **non-matching**
[BE18, HT16a]. **non-monotone** [Tia19].
Non-monotonic [ABL15]. **non-negative**
[LZD17]. **non-nested** [Hu15].
Non-Newton [Zho16]. **non-Newtonian**
[ATO19, HHS$^+$17, HZLM10, HWY14,
KRCJ11, KDG11, uHS12, MCR11, Mom11,
PM10, REHA11, Sah11, ST14, WH11a,
YM13]. **Non-normal** [BK12b].
non-orthogonal [BFS15, CLMM18].
Non-oscillation [Par11a]. **non-oscillatory**
[LX18]. **Non-overlapping** [BM18c].
non-parametric [Fio14]. **Non-periodic**
[KHWK10, LZ18a]. **non-periodicity**
[BBR10b]. **non-preemptive** [LA11].
Non-prismatic [BMAR18]. **non-radial**
[ZTZ16b]. **Non-recursive** [KPP13].
non-smooth [DSL11, DHMU16, JZL18,
KBAF18, LZ19a, SDH13, YJ19, ZZ16a].

Non-standard [MHM11, MMH11, RMM11,
SMM19, XGH17b]. **Non-stationary**
[Ers16, CGGM19]. **non-strongly** [PT15].
non-symmetric [FHS18, YTF10].
non-traditional [WHS17]. **non-traveling**
[GMZ15]. **Non-trivial** [BDO11].
non-uniform
[AM12c, JK10, KNZ19, MPGW19, Oru19,
SKG⁺11, SKFG11, SR18, TAA14, ZCSG13].
non-uniformly [NPR10]. **nonanalytic**
[DBS12]. **nonautonomous**
[BCF13, CTA12, TZWM10, TZG10, WW18a].
nonbreaking [FER15]. **nonclassic** [Dua11].
noncommensurate [JC12]. **noncompact**
[CLCF14]. **noncompactness**
[MN10c, MKPS11]. **Nonconforming**
[GLZ18, KDU15, SWL15, ZMFL18, GS15b,
HMWZ16, Li15, QCLC17, RA11b, SSL14,
ZS13, ZY19]. **nonconservative** [YÖ10].
nonconvex [ALI11b, Bai19].
nondecreasing [LZ11d]. **nondifferentiable**
[AT11, Ant10]. **Nonexistence**
[AJS19, JKS18, JPK18, XWY11].
nonexpansive
[AE12a, Buo11, CGY11, CGHY11, CS10c,
CS11d, CS11b, KK10a, KK11b, KKS10,
KA10b, KYO10, KYR11a, KYR11b, KT11b,
LjHO10, Mai10, Mar11a, Nil11, Pir11,
QHW11, She11, SCC12b, ZS11a, ZLL11].
nonhomogeneous [CHZ19, DMV11,
LWBW13, MR14, WW18b, ZZ18b, dSSV17].
noninteger [MCP13]. **Nonlinear** [CFN11,
FP19, GF16, LXP11, LS12a, LS12b, MBS17,
MH11, MG15, MTAS17, SW10, WZF12a,
YK18, YWHC11, Aba10b, Abb11, AM13a,
AIA13, ABJ11, AW11, ATUC15, AÇT11,
AA15, AJAR18, ABCR10, AER12, APwS18,
Asl11, APTZ19, BMRA10, BM11a, BD11b,
BR12a, BAO⁺12, BCC14, Ber12, BDGS13,
Ber16, BC10, BG10a, BE12, BDO11,
BWZ16, BB08, BGL⁺15, CL11, Can11d,
CH11a, CCR16, CCRS17, CGY10b, Cha11a,
CN13, Cha11b, CC19, CDW11, Che11d,
hCTM11, CLTA11, CM11b, CQ13, CW18,

CCZ18, Che18, CAP10, Chu11a, CP16c,
CCP19, ĆSCD11, CRRS11, CFF15, Cve11,
DWY15, DL10, DN18a, DAM14, Dem10b,
DG10b, Din13, DL14, DSM18, Don10a,
DLC19, DC10, DL18, DCRL13, Dub13,
DNR13, DZ16, DDK11, EO14, ESN10,
EZRR10, FM19, FT10, FSHZ11, FN14,
FH16, FIW17, FIS18b, FP18, GCR⁺18].
nonlinear [GRBT16, qGpWhL11, Gen11b,
Gep16, GMZ15, GW15b, GML17b, GTZ19,
GM11, Gur13, GN11, HH16, He11, HmZ11,
HYCP11, HP17, HS12, HB12b, HA18b,
HHGA19, HXL11, Hu18, Hua10a, HTWS15,
HM15, HM19, HD19, Ibr11, Iom18, JKK11,
JGSS10, JKK12, JKN10, Jan10, JPB11,
JJC11, JPK18, JMB10, JJ19, JKS18, KA10a,
Kar10a, KL12a, KK13a, KK15, KFYW11,
KW11, Kig10, KJ11, KG11, KPK18a, Ku15,
KS12b, KCK19, KY10, LX10a, Lan12, LK15,
LKS10, LC10a, LK14, LR14, LHY11, LLZ10,
LCN10, LCP10, LZC11, LW11a, LS11a,
LY11a, LZ12a, LZWC16, Li17b, LX17, LD18,
LZ11e, LK18, LBJ10, LC11b, LKU10,
LWKK10, LJ10b, Liu11a, LXK11, LZKU11,
Liu13, LLY13, LHL15, Liu15a, LDL⁺15a,
LL15, LZ15b, LDL⁺15b, LTJ⁺16, LC16,
LL16d, LW18b, LLLW18, LWSL19, LW19b,
LGVS19, Luo18, MZ10, MX10, MM10a,
MKHC11, MPZ11, MC10b, MN11a, MTM11].
nonlinear
[MBH11, MAS11, MPfTX18, MAST18,
MV11, MP19c, MDL18, MI16, MM18d,
MGB⁺11, MLGY16, Mor13, MY13, Ned12,
NDT11, Oru17, Ouy11, ÖZ11, PZA19,
PPD10, Pit12, QAA⁺16, QZM17b, RKP12,
RMA10, RY11, RZ16, RA18, RKF18, Ray16,
RG11, RTV17, SNH10, SD15a, SLK12,
SD12a, Sam19, SCSF19, San12, Sea14,
Sea15, Sea16, SIL19, Sed13, Sha18, SMDI18,
SNDK18, SBS12, SG14, SS14a, SD19,
SG11b, SZGG11, SW17, SGZW18, SG16b,
SG10b, SLYY13, SM14, zSdZ10, Sun10,
SLL12b, SRG16, TN11, TZZ11, TTG16,
Tan17, TTM19, TG11, TG14, TF17, Tao18,

TS11a, TAS11, TA11, TÇA12, TY16,
THY$^+$10, TTC14, Tur10, WKG10, WHS11,
WhJxLwW11, WWW11a, WWW11b,
WWA11, Wan11, WAZ11a, Wan12, WKS13,
WL15, WV16, WC17, Wan18, WH18,
WLL$^+$18, WZG19, WS10b, WFL11a,
WAW15, cW11, WCLD18, XWY11].
nonlinear
[XY15, XYXZ16, XC18, XZ18, XY10,
XGH17a, XGH17b, XXH18, Yan12b, Yan15,
YGS$^+$16, YZ18, YQWZ19, YC10b, Yaz11,
YP10, YAS$^+$11, YMLL18, YTC$^+$18, YASK10,
YLDL11, YSB15, YHC18, ZA10, ZLW10,
ZM18, ZYG10, Zha10, ZQ11a, ZBF11,
Zha11c, ZS11b, ZD11, ZHJ11, ZGW11,
ZLL12, ZLL14, Zha17b, ZM17a, ZLT18,
Zha19a, ZY19, ZCH12, ZL12a, Zha14, Zha18i,
ZW16a, ZJZ18, ZWJ$^+$11, ZW11d, ZLW19].
nonlinearities
[AAZ10, BS16a, Gao17, GKLR11, LS17a,
Luo19, MAST18, Sha18, SK11c, ZJ10b].
nonlinearity [ARK13, CT18, D'A18a,
DZ21, GM11, HY10, HGW18, LRZ18,
LLY13, MF18b, MF18a, ML19b, NT17,
QAA$^+$16, QHT16, Sea11, SMBY10, Su12,
Tan17, Tru19, WS12, ZTZ16a, ZLG18,
ZT16b, ZT18a, ZW11d, Zho19]. **nonlinearly**
[AG10a]. **Nonlocal**
[Kia18, Tod15, WZWX11, ZL10b, AW11,
AAD17, AT18b, AT19, ABLS15, AG10b,
BK11a, BKT11, BS16a, BL18, BC15, CW19,
CP15b, Cha18, DG13a, DPBL16, DB11,
DS18b, DSL18, FG18, GJ19, GF16, Goo11a,
HLWX11, JL11a, JKS18, KSZ18, KB15,
KHF$^+$19, LGHR16, LSW10, LS19b, LZ14,
LLZ18, LH10a, Liu13, LYZ17, LWSL19,
zLYLQ19, LDG19, MA17, PH19, Pov19,
QRMH18, Saj12, Saj14, SW12, SOK19,
uIAA15, SZW11, eT10, Tia19, Tod18,
TNHK19, VDB13, WC10b, WF17, Wan19b,
XZR16, XSYL19, XZ19, YW10, ZLY14,
ZZWG16, ZCZ17, ZLG18, ZL19a, ZSW19,
ZWMD16, ZcHS18, ZG18a, ZLY17].
Nonmonotone [AA10a, HSD10, BDS17,

BWL18, DKM17, TNP17]. **Nonnegative**
[JD12, Mis14, BM13b, JL11b, YXX11].
Nonnegativity [DGZ13]. **nonnormal**
[KSKK11]. **Nonoscillation** [MR10, FL10].
nonoscillatory [LKU10]. **nonparametric**
[LWWY12, QZY11, WZ17a].
nonparametric-based [LWWY12].
nonpolynomial [SKM11]. **nonrectangular**
[AD19a]. **nonrigid** [PZJ$^+$16]. **nonself**
[KT11b]. **nonseparable** [Ali15].
nonsingular [HWXC16, LM18b, SS16b].
nonsmooth [LW13, SbX19].
nonsmoothness [FP19]. **nonstability**
[BPX11]. **Nonstandard** [YZMZ16,
AGPCC10, CLM12, CLM14, Gur13, Lóp19].
nonstationary [GH18, Ngo18]. **nonsteady**
[BPR18]. **nonsymmetric** [AT18a, BJS15,
CM16a, CBS18, HH11, HWXC18b, LZ15a,
LBW11, SJHC14, Tan18, YH15]. **Nontrivial**
[ESN10, CCX13, QCT17, ZJ17].
nonuniform
[LNW19, PC17, WCQ$^+$19, YT13]. **nonzero**
[KMT10]. **Noor** [Lee11a]. **Noor-type**
[Lee11a]. **Nordhaus** [AH10c]. **Nörlund**
[Bor10]. **norm**
[AHV10, CCKP15, DCKY15, GWL11, He16,
HM17b, Ipe12, Izs15, KSKK11, NDT11,
NCC13, OÖ11, WWW14, WZ10]. **Normal**
[BZKR15, BS18b, BK12b, LWC13, MSQ$^+$11,
SLK12, XHH$^+$19, hYlLL11]. **normalistic**
[SA11b]. **normalization** [WC11b].
normalized
[HP10, MN10a, XC18, Ye17a, pZ10].
normed [Deb12, GKK11, MME10, SP10,
ŞGY11, Yil10]. **norms** [BX10, CHBTD14,
EM14, FM18, FR16, HR19, Liu11b]. **North**
[RB19]. **Note**
[BPX11, HKS14, Jun10, KK11a, ZYY10,
AR10b, Ban13, BMY13, BY11, CTP10,
CSW11a, CHS19, FDB13, Hai10, JS11, JY11,
Lee11c, LFJ12, Min11, MT18, Özu15, RR11,
SAIZ15, Tom11, Von11, WC10a, XZ10, YT12,
YH11a, YS17, ZLZ10, dPLM18, uRK11].
Notes [BG11, CM11a, hCTM11, fDxZ11,

GDZ11, HLY12a, zLZ19, NKA18, PV12, WWW11a, WYG12, Wan13a, XWH16]. **notice** [JL20, JFS20, Pen11, SK12]. **Novel** [CM13a, CP10, LB11, LWW19b, Man18, SYO12, CCKY12, CAC14, DCG⁺12, FPW⁺11, GLLC19, HT18, HT12b, JZR15, KSPP11, KCL12, LW11a, LLFT17, MS17, MBKK10, OMS10, Par17b, QCYL12, Sha12b, TT12, Von19, WC11a, WLZ⁺18a, WZC⁺19a, XFH19, yYsZyYL13, ZA15, ZLPM13, ZCY16, ZLGL11]. **November** [Ano18-60, Ano18-63, Ano19-60]. **nozzles** [FLZ14a]. **NSFD** [MW13, Was13]. **NSGA** [LLW10]. **NTP** [ID10, JW05]. **nuclear** [GIMZ14]. **Null** [Gao15, YT18a, HKK⁺16, ZG14]. **null-solutions** [HKK⁺16]. **nullcline** [HNK13]. **nullcline-based** [HNK13]. **number** [AH10a, BC11, BR12c, Bri10, CKMR11, sCYhX18, DZW⁺15, Dol11, Far11, GCG12, GOGYL⁺11, GSD⁺19, HVA10, HP19a, HL12, IB10, Koj10, KP10b, LHH10, LYN11, MKL11, MMR10, MMR11, Ned12, NM11a, NDC⁺19, PDN19, QZ11, WW10b, Wan10b, XY11, ZM14, ZD15]. **number-valued** [BC11]. **numbers** [BBC⁺11, BS16b, CHM⁺10, Cvi11, Dia17, DRS11, EMRS12, GSS11, HBK⁺19, Haz11, Ipe12, KSKK11, Li10a, LLL11, LH12a, NM11a, Sae11, Sun11, TD10a, VP11, XCXW10, ZP10]. **numeric** [DR12, EZM12]. **numeric-analytic** [EZM12]. **Numerical** [AB10a, AM13b, ABK⁺13, BMAR18, BPM14, BDS17, BCFQ19, BRFH16, BGRV15, BSL11, BGP13, BMSS18, CM10a, CYP16, CCJP11, CHXL18, CLTA11, CLB14, CM18c, CR13, CLJ11, CJPB10, CFF15, CS13, CLL11, CM10c, DNS16, DA16, DZ18, DGT18, DSL11, Dun18, ESL11, FSRB15, GGM⁺13, Gen11a, GIM15, GTL16, GMI11, GDF12, HB19, HGHA19, HKI12, HHS⁺17, HJD15, HPR19, HTL10, HLL⁺15, HCLL18, HD19, HZLM10, IB11, JO19, KMT19, KMRN12, KSF14, KKSK18, Ku15, KLRW12,

LS10a, LK13, LZC11, LDW11, LS11b, Li16b, LFC16, LGH⁺11, LHM11, LZB12, LvS15, Mai16, MC11, MTN19, MM18b, MAS11, MP19a, MD15, MEAMHHV18, OHK⁺19, PDN19, PN16, PvdM13, RS12b, RBB12, Ran15, RA18, RSB14, RCG15, RRO17, RZZ19, SSS16, SD10b, Sal16, SHM13, SYI12, uIAA15, Sou11, SM10, SM14, SK14b]. **Numerical** [TY13, UABK16, Vel15, Wan19a, XFH19, XWN11, XHA13, XWL18, XHH⁺19, YYK16, Yan18b, YJ19, YZ15, YTC⁺18, YSS11b, ZA10, ZZWG16, ZLTY16, ZTY⁺19, ZLA17, ZSD10, dBD17, AD15, AJRWS12, AJAR18, AM14a, AHO16, AS11b, AWJH19, ATH18, ABSV18, AB16, AGPCC10, ASSV18, AuIK11, BM11a, BC16, BHM19, BA11, BBDS11, BP11b, BMTV12, BPS18, Bho14a, Bho14b, BZ18, Bic11, BR12c, BM18d, BHJ14, BN14b, Boy16, Bra10, BMP15, BK12b, CCR16, CD19, CCRS17, CC11, Cie13, CJ15, CJCV10, CJRR11, Cos18, CN11, DMP18, DGL12, DGZ13, DD19a, Def10a, Def10b, DAM14, DM16, DNP15, DTR19, fDxZ12, DFW⁺18, DNR13, DHMU16, EMQ18, ECJ16, FJC16, FGHZ13, FER15, FSB17, FGL10, GSI19, GMP18, GHT⁺15, GR13a, Gha18, GY11, GALO18, GDM13, GW15b, HCL12a, HG18a, HY16, HO19]. **numerical** [HHNLGC18, HA16b, HLY16, HT16b, HKW15, ILS13, JKN10, JL17a, KP18, KMS10, KV17a, Kat11, KHF⁺19, KAS11b, KB13, KSMN11, Kup10, LLJK10, LBZL11, LY12b, LJSK13, LZ16a, LSZ16, LNW19, Lin14, LLG10, LCWZ18, LRBA15, LSV18, LDY11, LDL10, MDRRV11, MKR12, Mar16, MGY11, MMFT⁺19, MN10a, MT19b, OTiSY16, Özu15, Pan11, PMM17, Per18, Pet11, Por18, RKP12, Res16, RTRR18, RTL19, SSM⁺17, SCSF19, SS14a, uIAH10, SKTD13, TS14, TMDTTC16, Tom11, UKA15, VGK⁺16, VA10, WW14a, WRY18, WKBR18, WZKY12, WHW11, XG10, YT18a, YYYH19, Yüz11, Yüz12b, ZTR11,

ZLPM13, ZH15a, ZZLB18, ZHS⁺19, ZYZ11, ZL12a, ZD12]. **Numerically** [BDM19a, DH17, JL19, JL20, MBHV10, Oru19, TC10]. **numerics** [MUB⁺16]. **NURBS** [HH18b, Kar17, SH18, WZ16, WZC⁺19b]. **NURBS-enhanced** [WZC⁺19b]. **Nutrient** [MKG13, DKG14, XBHN16]. **nuts** [Hua12]. **NVIDIA** [LYC15]. **Nyström** [AOW18, DLS14, KMS10, KAS11b, MBJ16]. **Nyström-based** [AOW18].

O [Pan17, ZAK18b, XA13]. **object** [HH18b, HCL12b, LKK12, Med12, YC12]. **object-oriented** [Med12]. **Objective** [GACMO13, BMM12a, CCFV12, DM12a, DMPV10, GWL11, KGJ11, Li12b, LBH⁺12, dCMdSGTdC⁺16, RPTD10, RFP11, RF12, Smo17]. **objects** [CHS18, KLMV12, WYY11]. **oblique** [LHM11, WL11d, WCH13]. **obliquely** [LFC16]. **oblivious** [HSMY12]. **observability** [Guo12]. **Observable** [GD12, CCJP11, Gal10b]. **observation** [CS14b, ZL19a]. **observations** [CLJ11]. **Observer** [Yan12a, CZY13, JCWZ16, LZY12, THY⁺10]. **Observer-based** [Yan12a, JCWZ16]. **obstacle** [AD16, BS14a, BS15a, BLS18, BV17, GG18, GM19, LK14, eOS18, ZSZ18]. **obstacles** [DJD18]. **obstructed** [ASFM15]. **obtained** [AHF10, Krn12, SKST10]. **Obtaining** [GH14, ED11b, HM15, TCM18]. **obtuse** [KYW⁺18]. **ocean** [eMA18, FIW13, LPLR19, Liu18b]. **oceans** [LZ19c]. **octahedral** [HR14]. **Octave** [FRAK15, JRA⁺18, RAW⁺16, Váz16]. **October** [Ano18-58, Ano18-59, Ano19-56]. **octopus** [KBGC12]. **octree** [QKR19]. **odd** [HL11a]. **ODE** [CP16b, HL11a, RY11]. **ODEs** [ATUC15, FRSW11]. **OEMA** [WCD10]. **off** [Ikh11, MS15, SRS11]. **off-step** [MS15]. **offset** [LCT12]. **offspring** [ASB12]. **oil** [Mok11, WHD14]. **old** [PBS12]. **Oldroyd** [FZBF10, FAIV10, JKZ11,

LZZ11b, SISH12, WSW11, YZ19, ZJB19]. **Oldroyd-B** [FZBF10, FAIV10, JKZ11, LZZ11b, YZ19, ZJB19]. **OLSR** [KHIB12]. **on-demand** [JCZZ13]. **On-diagonal** [Wu18b]. **On-line** [CQ11, ZZXY12]. **On-site** [LLL13]. **One** [THC⁺18, ADS14, Bac14a, BQS16, CNV14, CWH13, GGR15, GYH11, GK11a, HBE15, HW11, HA10, KYR11a, KYR11b, KL12b, KPG18, LW10, LCW17, Liu18c, MY16, MMRN12, MBS17, Mai16, MHL11, Mor13, RNQ13, SD15a, TT14, WZH10, WCW13, ZY10a, ZY11, ZD12]. **one-** [HA10]. **one-dimensional** [BQS16, CNV14, CWH13, HBE15, KPG18, MMRN12, TT14, WZH10]. **One-point** [THC⁺18]. **one-predator** [ADS14]. **one-sided** [ZD12]. **one-step** [KYR11a, KYR11b, Mai16, Mor13]. **one-time** [LW10]. **one-variable** [GK11a]. **Online** [KWPK13, KSMT11, LLD10]. **only** [HW11, Kup11, Tsi11, Wei12b]. **onto** [DVM12]. **Open** [KW12, ACE17, CV14, CHH14, HMP⁺15, HT12a, LVF⁺16, LWBW13, LSZ11, Par17a, YZ15]. **open-channel** [CV14]. **Open-loop** [KW12]. **open-source** [HMP⁺15]. **OpenCL** [KB13, MSZG17]. **operating** [PTL13, SKH12]. **operation** [ZLY⁺13]. **operational** [DBEE11, ED11b, KKBR19, KMRN12, LS11b, MKR12, SD10a, VBCJ10]. **operations** [ASN11, GXZ10, Ji14, JTCC11, SA11a]. **Operator** [BCF13, GR19a, AM10a, AES11, AS10a, AS10b, AS11c, ASMEE11b, AKA11, BCK11, BX10, BD11c, CH11a, CGHY11, Che14, CWY19, CH11b, DG13a, FRAK15, Fra11, FMPR15, FBB10, GTG11, GSD⁺19, GNP14, Hu15, KSJ12, Lad16, LY12b, LG12, LS10c, LJX12, Lup11, Mar11b, MPY16, ODR10, ORD11, ORR16, PA12, QYL10, RAW⁺16, SPL19, San12, Sat11, She18b, SRM11b, Sok10, Tac11, Tod15, TDM13, VLJH18, tWqLzGkP11, WL13a, WWW14]. **operator-difference** [AKA11].

Operator-splitting [GR19a]. **operators**
[AD10a, AD11a, AM10c, AD10b, BK11a,
BC11, BM10b, BM11b, Ber12, BBD10,
CMGR11, CGY10a, CT10a, CDD12, DK12,
Dra11a, Dra11b, Gao12, HT12a, KD10,
KD11, Kir10b, Lad16, Lam12, Las10, LS10d,
MB11, Mah10a, Mah11, MCP13, MKL11,
MKPS11, NPD17, NNAS11a, OÖ11, PB12,
Qiu12, RA11a, RRGTV10, SOJC10, UBF11,
VSI12, WD10, WXF10, WZWX11, XJLX10,
Yao10, ZM18, ZC10, Zha11a, ZSS10].
opinion [MB17]. **opponent** [KSM12].
opposite [Abd18a]. **opposite-bordered**
[Abd18a]. **opposition** [DWI⁺12].
opposition-based [DWI⁺12]. **Optical**
[KY10, Hei10b, HTWS15, KB10b, LTSW16,
YTC⁺18]. **optical-fiber** [HTWS15]. **optics**
[MPfTX18]. **Optimal**
[AMA14, AR10c, AIIZ10, AT19, BO10,
BMM12b, BBO10, CL12a, CRXL15, DH18,
DMV11, FMPR15, GRW14, HLZ15, IIHI10,
KYA15, LS11c, LSS17, LMZ17, LZF18,
MP10b, MM16, Mop11, MN11b, MT19b,
PM10, SISH12, SV11, SBA10, Sul16, TZ18,
UKYK17, VMAVGCM19, Yil19, ZHT11,
ZSY14, Zha13, ZLG⁺10, Akm15, Ala10,
Als10, AEG11, ADS14, BNTT14, BQS16,
BC17, BPKM10, CCN14, CY14a, CLH13,
CHLY15, CHL18, CCK18, mCfX10, Chu11c,
DL19, DO11, Def10a, Def10b, DRZ10, EF14,
EG10, EE18, EUTS18, FHH13, FES17,
FGHZ17, FES⁺19, FOS19, GK11b, GSR14,
GM18b, GS15b, GS19, GNP14, GH18,
GD16, HKI12, HM10, HK15, HR14, Hou15,
HLY17a, Ibr16, IIHuI10, IBSS11, JLL18,
Jum10, KBS11, KM12, KP19b, KKL16,
KKL⁺13, KRBS18, LCH19, Li10b, LZZ18,
LXP11, Liu15a, LDY11, MH11, MO14].
optimal
[NMR15, NCC13, eOS18, Pan11, PA15,
RGVR17, SAIZ15, SBS12, SbX19, SW16b,
Tod13, TC10, VCM11, Vel15, WZWX11,
WX18a, XL15, YMSL11, YC11, YLH12,
YSB15, ZZ10a, ZG16, ZZX16, ZP18c].

Optimality [Mar12, CNV14, CGH14].
optimally [MS18]. **optimisation**
[KTH13, Tod12]. **optimistic** [HCL12b].
Optimization
[BR16, CCCW10, GGGR13, KP19c, Laz10,
MCP13, TM19, VBW10a, VBW10b, APT11,
Ahn12, AA10a, AG10a, AGDP19, AdSSS19,
ABSV18, BMS19, BBO10, CI18, CChL14,
CCFV12, DCG⁺12, DK14, DMRS18, DNS18,
DLQ16, DH10c, EHO⁺12, FJB19, FLH10,
FL11a, FBL11, FMP19, FLWJ11, GYTD12,
GYH11, qGpWhL11, GALO18, GWL11,
HSD10, HGJP19, HRMS10, HRMS12,
HB12a, HM17d, HWY14, JPCY13, KGJ11,
KM18, KL12b, KMS15, KFTT13, LWR16,
LLH14, LYJ15, LG17, LY12b, LTX⁺13,
LH19, LLH10, LGL⁺14, LW18c, LFZ19b,
Mar12, MHL11, OMS10, PH13, PW10,
PG10, PM10, PSS18, RR11, RGdSRLAJ10,
SLMZ12, SJS⁺10, SW10, TWLYÖ10,
TTC14, VHPVNXW18, WXYW11, WWZ12,
WQRZ14, WZ17b, WMW13, WQNF12,
XLZW11, XDL12, Yoo17, ZB19, ZLGL11].
Optimization-based [BR16]. **optimize**
[CIN⁺18, LCW12, RJGS⁺19]. **Optimized**
[DSK⁺14, KZ16, KAS11b, LKLP12, Mah14,
SB14]. **Optimizing**
[SXB⁺12, YS19b, LBH⁺12, YW14].
Optimum [GGGR17, HT12b, SKH12].
Option [GSS11, CWW15, CW14, CM18c,
CKM12, CJPR10, CJPB10, CEJV16, DT17,
ECJ16, ELS11, FSRB15, FSB17, GW15b,
HZ16, HLvS18, KKT13, KCC⁺13, LvS15,
MvS18, Moh15, Tha19a, YKA18, ZM16b].
Options
[KDU15, ACAS11, ASSV18, BS10b, BC16,
CXZ15b, CWDL17, CWY19, CGK14, Ciu11,
DNS16, DH17, GLW18, HMV18, JYK16,
Lee14, LW17, MZC17, MVKK14, SL16b,
TC16, ZLTY16, ZBL12, ZH18b]. **Orbit**
[Lam13, WX18b]. **orbits** [CT11b]. **Order**
[GGAVRC⁺19, ABM11, AM13a, ABT19,
AZ17, AEH18, ADGS18, AHV10, AAZ10,
ATUC15, Akm15, AÇT11, AH11a, AJ10,

WLZ18b, XWY11, XFY18, XDH16, XZ19,
Yan15, ZS13, ZY19, ZZ10b].
parabolic-hyperbolic [EE18].
parabolized [Bis14, DNZ⁺13]. **paraboloid**
[JCF19]. **paradigm** [KKD13]. **paraelectric**
[MM18b]. **Parallel** [BH14, CP16b, Fia15,
KBCS16, KCC⁺13, KSS13, LZ19a, LO16,
MUB⁺16, YSX⁺19, AML⁺14, ADD⁺15,
BKR⁺19, Cos18, DdSF13, DM12a, DCG⁺12,
DZO⁺19, DZ17, HD16, Kan15, KRCJ11,
LCC12, MGN⁺16, MNJ⁺13, PW10, RWZ13,
SPH10, SKCL19, TH19, VMC⁺14, WFL11a,
WBN18, WKP⁺14, WY19b, YXYH10, ZS16].
Parallel-in-time [YSX⁺19, BKR⁺19].
paralleled [San12]. **parallelism** [GL16].
Parallelization [Hof18, JZE⁺18].
parallelotopes [CR13]. **Parameter**
[ADGG13, FJC16, FWFL11, MCL⁺13,
MN10a, TDXQ18, ARK13, CLT⁺13, CD12,
CHL18, CEJV16, DGTC13, DO11, FJB19,
FIM18, GYH11, GH15, GN19, HYCP11,
HO19, Her14, JCWZ16, KJK18, KP19c,
KK14c, KGM11, LK14, Li12b, LL13, Lin10b,
LB11, LHL14a, Liu16d, Luh12, MSQ⁺11,
MA17, MP11c, NB11, OSA13, SLYY13,
SYW11, TWLYÖ10, TL12, VAS⁺18,
WYD10, YLDL11, ZDL11, Zha19c, dPLM18].
parameter-free [VAS⁺18].
Parameter-uniform
[MN10a, HO19, KK14c]. **Parameterized**
[HWXC18b, ZZ15a, ZYW15, DWZ16, LM17,
LM19b, LJ10a, XY17, ZM16a, ZSZ17].
parameterizing [Boy16]. **Parameters**
[CJ18b, AZB13, AsNAd10, AEG11, AAP12,
BV11, BZT16, CCJP11, CZMZ11, DL11,
EUTS18, FSRB15, KBDC12, LLZ11, Luk11,
PA15, RSS10, Sha14, Ste16, TMLF19,
WL11b, WLHZ14, WH11b, WZY13, YS19b,
ZL14b, ZJZ⁺11]. **Parametric**
[WLDL11a, WLDL11b, AKV11, CLF10,
Fio14, HWH⁺15, ID10, JW05, Pop13, Pop14,
WY18a, yZjH12]. **parametrization** [MS17].
parametrized
[DDMQ19, IQR16, NMR15, PGQ16].

paranormed [DÇ12]. **parasitical** [ZL10a].
paraxial [SS14b]. **Pareto** [SLMZ12]. **parity**
[YZMA18]. **ParMooN** [WBA⁺18]. **Part**
[Ikh11, Sea15, ZZC13a, ZZC13b,
HHNLGC18, LT15b, CFS17, DHMU16,
FRAK15, JRA⁺18, RAW⁺16, Tao18].
Partial [DW18b, GGAV18, GGAVGG19,
GGAVRC⁺19, RES10, AKT12, AuIK17,
AMA14, AM13b, ABL10, AGU14, Arq18,
AKS11, AuIA17, BKE18, BH10, BP11b,
BHM12, BE11, BCF⁺14, CM18c, CJ18a,
CY19, CL15, CS14a, ĆCM10, DCL17,
fDxZ12, DHY19, Els10, FID14, FN14,
FNW18, GR13a, GTL16, GR13b, GMZ15,
GGO16, HG18a, HY16, HLvS18, HP10,
IBSS11, JNBK13, JW18b, JS11, KÖ10,
Kat11, Kaw15, KK14c, KV18, Lee15, LC11a,
Li11a, Li18d, LL16c, LLLC14, Liu16d, Ma18a,
Ma18b, MI16, MM18d, MS15, MT18, NLA19,
Ouy11, PC17, PW10, RM17, RS15, SCSF19,
SAIZ15, SS14a, SGZW18, TN11, TWLYÖ10,
VA11, Ye16, YQ18, ZY17c, Zha17b, ZZL18a].
Partially [Sha10, AM13b, BSK11, BKR⁺19,
DDD10, HA18a, LZ12c, NS11, RK10, SS11c,
XWL18, YZ15]. **Particle** [ATO19, JKK11,
MZB10, NNL13, WRW⁺19, AJS14, BCCZ18,
BBO10, CV14, COR18, DA18c, DH10c,
FM11, FLWJ11, GSY10, HDHL11, JNJ⁺11,
KPP13, LCW12, Laz10, LTX⁺13, PTH⁺16,
RMB⁺14, RCG15, SGK18, SPP18, TTC14,
WLA18, WvDRG19, XLZW11, ZYT⁺16].
particle-in-cell [BCCZ18]. **particles**
[ASFM15, BHK16, BKMT16, CDM10,
Eba14, GLW13, KVR11, NNL13, NWZ11,
SK14a, THC⁺18, WAG⁺14, ZLHF19].
Particular
[LCLL18, BPF13, DCL17, DLC19, NKM15,
YY15, YKC11, YCLY15, Yao16, ZTC14].
Particulate [ZYT⁺16]. **partition**
[BASW18, CDP16, CHT11, GGLP15,
GCE18, HR14, KdLK19, MBT⁺13, SL16b].
partitioned
[KRD16, MUB⁺16, PBK19, SZ17].
partitioning [Koj10]. **partitions**

QYL10, SZ12a, Sed13, TUT11]. **Peristaltic**
[Tri11, Eba14]. **Permanence**
[TZG10, ZHW14, YZAX10]. **permanent**
[HLCY12]. **permeability** [XY16].
permeable
[Pal13, REHA11, RRP16, SPH10].
permissible [DRK10, MM11]. **permitted**
[RZL11]. **permutation** [Als10]. **persistent**
[CEF⁺13, DW18a, MW10]. **personal**
[RPTD10]. **personalized** [HCHH12].
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[FCZ12, KJA10, SYZ19, VMAVGCM19].
persymmetric [dS16]. **Perturbation**
[LYS12a, LYS12b, RSDR11, AÖ10b, AP10,
BGPP11, BE11, BG11, CH11a, CTG17,
CG15, DS18a, Dem10a, DM12b, Eba14,
FH11, Gup11, GS11c, HN18, JNJ⁺11, KW11,
LX10a, LY10a, MH11, MGB⁺11, Naw11,
PP10, RMA10, RY10, Sah17, XXG10, YL16,
Yus09, ZYSY17]. **perturbation-iteration**
[AP10]. **Perturbations**
[GH13a, Bae10, BR13b, CHM18, CRRS11,
HDHW11, LW12a, LW12b, LCC13, ÖZ11].
Perturbed
[DIJ12, HCF16, ABCR10, AHO16, ALI11b,
BR12d, BZT16, CG14, CJ15, CX18, Dar11,
DN18b, FM18, FBTS19, FR16, FH17, HO19,
KAG11, KSMN11, KK14c, LN98, Li10c,
LLC13, Lü14, LGVS19, MN10a, RS12b,
Tur10, WSCL11, WZY13, dS16]. **pervasive**
[YWK⁺10]. **Peter** [BCHS18, Col18, Per18].
Petrov [BS14b, CCN14, CEQ14, EDC14,
NCC13, RCH19, Rob14, Ros12, SXM11].
Petviashvili [SMYK19, Ade17, CTSX16,
CZ15, Gep16, HTY⁺19, IMS19, JPB11,
KTK17, LZL19, LWL11, LMZK16, LXY19,
MCF18, QTW⁺18, SIL19, TTX⁺16, WF17,
WTYZ17, WF18, WW18a, WL16, WTLS18,
YMHL18, YTL⁺18]. **Petviashvili-like**
[LMZK16]. **Pexiderized** [CBKR10]. **PGSS**
[DYWL19]. **Phan** [ZH15b]. **Phan-Thien**
[ZH15b]. **Phase**
[KS12b, ATO19, AS11b, ABK⁺13, BTEM19,
BGM19a, BCFQ19, BSZ16, BKK12,

BMSS18, BV17, CP15a, CPP10, CYP16,
CFdM⁺18, Col14, DTR19, DFW⁺18,
DJD18, FGB19, GOT19, GDM13, JFS14,
JFS20, KÖC⁺18, KM13, LMPE18, LK11,
LH19, LSC17, Lin14, LZCL18, LCWZ18,
MGN⁺16, MK18, MM19, PFDG17, PGF18,
RKW12, SSS16, SSHH⁺18, SPT17, SSIP19,
SS16a, Ser19, SLL17, STDLM19, Sul16,
TR14, TY13, TDM13, Wan14, WCW13,
WS16, ZR16, ZLC⁺11a, ZQ14b].
phase-field [CYP16, FGB19, LK11, LH19,
LCWZ18, PFDG17, PGF18, SLL17, Sul16].
phase-field-based [LSC17]. **phase-lag**
[AS11b, KM13]. **phase-type** [RKW12].
phases [CTD10, HMSC10, Kup11].
phenomena
[CHH14, EAMA19, GT15, GT16, KB15,
Liu13, LLY13, LWW19b, LMPG13, MF18a,
Sam19, SD19, TTG16, Tan17, TF17, Ye19].
Phenomenon
[Boy10, IMS19, MM11, ZBFC19].
phenylenes [DYX11]. **phi**
[CDM12, CCHG17]. **phi-Laplacian**
[CDM12]. **phone** [KRM⁺10]. **phonons**
[Hei10b]. **photobleaching** [SL18b].
photonic [EGG16, KSF14]. **photovoltaic**
[LCW12, YLH12]. **PHT** [VAK⁺19].
PHT-splines [VAK⁺19]. **Physical**
[ZSY19, LDW11, MC10a].
Physical-bound-preserving [ZSY19].
physics [FMGR19, Grm13, SR17a, Xu11a].
phytoplankton [YLZ17]. **pi** [Mor11b]. **PIC**
[TBP19]. **Picard** [Zha19b]. **PID**
[dSCM12, DZS10]. **PIDE** [YKA18]. **piece**
[Dan12]. **piece-wise** [Dan12]. **piecewise**
[Gen11b, JCF19, LZH16, WW10b, ZL11,
ZHL12]. **piecewise-linear** [JCF19]. **PIES**
[Bol16, ZS18]. **piezo** [CL12b, LL12c].
piezo-actuated [LL12c]. **piezo-actuating**
[CL12b]. **piezoelectric**
[AB18, Kia16, KYA15, RYK13, SSH15].
piezoelectricity [FR15]. **pile** [LGH⁺11].
Pilot [WZWS11]. **PIM** [YLLN16]. **pinning**
[ZFC11]. **pioneer** [Sen12]. **pipe**

[NP12, WLS10]. **Pólya-type** [NP12].
Polychotomous [LLSW10]. **polygon**
[CCK18]. **polygonal** [AOW18, ABSV18,
JLL18, LL12b, SWL19, Vac18,
VHPVNXW18, WW14a, Wei14, Wei17].
polygroup [YZGW10]. **polygroups**
[WYG11]. **Polyharmonic** [Seg19].
polyhedra [CDN14, Wac10]. **polyhedral**
[BN16, CBBE16, WW14a, dVDR18].
polyhedron [HMF$^+$19]. **polymer**
[EF14, FG18, GGH18, LDS10, Lin14,
STDLM19, ZH11]. **polymer-solvent**
[STDLM19]. **polymeric** [ZR16]. **polymers**
[CD12]. **Polynomial**
[DCL17, KP10a, PKTH13, BKY10, Boy16,
BS17, DE10, EE10, Gem16, GK11b, HA18b,
Ikh11, JLCS10, LMW10, LY11a, Liu16a,
Lu12, LvdVX18, McN12, MP12, MW14,
PZ11a, PW18, RS14a, yS10, Was13, WO18,
WFL11a, WY15, WZ11b, YSS11a, YSS11b,
ZM14, ZHL12, ZMFL18].
polynomial-and-log [Boy16].
Polynomial-based [PKTH13].
Polynomials [CM11a, YMDZ10, APRM11,
Bay19, Boy16, Büy10, CMGR11, CDD12,
Dua11, ESL11, Gal11a, GTL16, KK14a,
KW11, KAS11a, KYR15, Kim10, LY11a,
LS11d, Mah10b, MBH11, MS11a, MRR11,
MB10a, Oru17, Öza11, OSS10, Pap15, RT10,
SKPW14, TÇA11, VT11, VSI12, WJ11].
polyps [ZJZ$^+$11]. **polytopes**
[Gue13, IBB10, Wac11]. **polytree**
[VHPVNXW18]. **polytree-based**
[VHPVNXW18]. **polytropic** [Zho16].
Poncelet [CGM10]. **pools** [GIMZ14].
POOT [HCL12b]. **Popoviciu** [Yan10b].
Population
[VV14, ALMLM14, AB16, Gal12, GS15a,
Hu19, LZ11b, MCL15, MW13, MW16,
OAKR16, PP10, TNF11, Wri13, YKKS10].
populations
[AF13, CN16b, PLKCC13, VDV13]. **Pore**
[SCA14, YLL$^+$14]. **Pore-scale** [SCA14].
poro [RDE$^+$17]. **poro-elasticity** [RDE$^+$17].

poroelastic [AKSW19]. **poroelasticity**
[CR18a, KVV14, SR17c, SS13]. **Porosity**
[PHM$^+$19, XY16]. **porosity-permeability**
[XY16]. **Porous**
[Li18e, AM18, AGPR19, AP19b, ASMM11,
BASW18, BSK11, BV10, BKNR19, CIN$^+$18,
CP15a, CJ12, CLB14, DVY14, EAAS18,
EAMA19, EEBM10, FLZ14b, Far11,
GQF$^+$10, GZR$^+$13, GGGR17, GDM13,
GF19, HWyL11, IK16, KMT19, KNT12,
KRP12, KBCS16, KRBS18, LR15, Liu13,
LZP$^+$19, MCB10, MCR11, MM19, MMA12,
MS10c, NPR10, OHMAK18, PZL$^+$18,
PCO16, Pan17, RY10, RHMA18, RBB12,
Ran15, REHA11, RTL19, RJGS$^+$19, SSS16,
SSHH$^+$18, SD19, SRRP18, TR14, Tim14,
TRL19, UABK16, XY16, XZL$^+$11, YYK16,
YB13, YKKS10, YLL$^+$14, ZSLZ19, ZD18].
Portfolio [WZG19, BKM11, BKK11,
cFpClC13, Jum10, LS11c]. **portfolios**
[Che11b]. **posed** [CH11a, CDY11, HO19,
LP10, Liu14, MZES12, ZT16a]. **posedness**
[AKV11, AS10c, BTB18, CCR16, Dua18,
FAHZ17, LL16c, PZA19, Pu12, QY17,
QaY18, RA19, Tha19b, Via15, WD16, YZ19].
position [AY18]. **positioning** [LL12c].
Positive [BDS10, CHS11, Fer11, GCR$^+$18,
HL11b, HGW11, JWX14, KLL19, Kon16,
LS17a, Li10e, LS11a, LY11c, MM10a, PC11b,
Su12, YY10b, Yan11c, Yan11d, Yan12b,
YL10b, Zha10, ZZ11a, ZLG18, Amb19,
BS12a, BC12, BB12, BKL$^+$19, BR13b,
CGY10a, ÇT12, CC19, CM13b, CO19,
CP16c, DWY15, DLS18a, DSL18, FIS18b,
GJ19, Goo11b, HY10, HLWX11, HYCP11,
HM15, HH10b, JK11c, KD10, KB15, Kim11,
KM11, LW19a, LL19a, LLZ10, LCW10,
LYZ11, LF11c, LZ12a, LY14, Li18b, LZ11e,
LZ11d, LWKK10, LZKU11, LLT16a,
LLT16b, LS10d, MX10, MW17, Mah11,
MS11a, MPLR18, SYY13, Sta11, WSG10,
WZH10, WWB13, WLM13, WS17, WS10b,
Wu16, XLD11a, XLD11b, Yan10d, ZSH11,
ZL10a, ZCH12, ZT16b, ZY15c].

positive-definite [BKL⁺19, WLM13].
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[CLM14, YDW15, CP15c, MS11b].
Positivity-preserving [CLM14].
possibilistic [LYLX11]. **post**
[DZ17, YW11b, KB10b]. **post-buckling**
[YW11b]. **post-processing** [DZ17].
postbuckling [KHF⁺19]. **posterior**
[FdOdSS17]. **posteriori** [AV14, Bac14a,
BPC17, BO18a, BWL18, BV17, BS15c,
CCKP15, CCZ18, CGO19, DVY14, FOS19,
GRBT16, GGS16, GS18, GOS18, GSZ14,
Hou15, Kim14, KT15, KKJ15, LCH19,
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RCRV14, RA11b, WZ18b, ZY11, GG18].
posteriori-based [DVY14].
Postprocessing [Cer18]. **potato** [RMS12].
potential
[AHHM19, Bao16, BDGS13, CRG16, CTG17,
CHZ19, CT17b, DL14, DLS18b, EPP18,
FJ19, FDG⁺17, GTC18, HLY17b, JPB11,
KVW18, LL19a, LD11b, Li18b, LC16,
PC11b, PLT17, SPL19, SGK18, SBM13,
Was13, YL16, YW19, YM13, ZKWW17].
potentials [Ali15, SLKK19]. **Poussin**
[Kig10]. **powder** [RMK19]. **Power**
[CSCM13, HMM12, VBW10a, VBW10b,
Ala10, AM14a, BZZ⁺10, CCJ10, CCJV11,
mCfX10, Ciz12, D'A18a, DGA18, DS18a,
GIMZ14, HM10, KSMT11, LLH10, LL12d,
PTL13, QGGL13, SMBY10, TS11b, VPR11,
YLH12, ZY10a, Zha19c, ZT18a]. **power-law**
[AM14a, SMBY10, TS11b, VPR11, Zha19c].
powers [Mah11, dS15]. **PPHSS** [HWXC16].
PPS [LM18b]. **Practical**
[RWZ13, YÇG12, HKS14, LZL⁺18, LA11,
fNS11, PMM17, WW11a, ZPS⁺12].
Practice [KKK12]. **practices** [SXB⁺12].
Pre [ZD15, XS10]. **Pre-asymptotic** [ZD15].
pre-matroids [XS10]. **precipitation**
[BP11a]. **Precise**
[FLDZ12, MHH11, YLS12, ST12].
Preconditioned [BJRF19, HS18, HWXC19,
LHY18, YLC16, CMR17, CWDL17, CL17b,

FZ14, FWZ16, KLK15, KM14, Mia18,
WZ17b, XWY17, XWY18, ZYW15].
preconditioner [CWWY15, DGR18, Du12,
GSR14, LZ16b, LZ18b, LJJ17, LHL⁺14b,
MY13, Raf12, RTB14, SWS19, SS18a,
WWB13, Yan18c, ZZ18a]. **preconditioners**
[BD16, BF16, BK15, Cao19, CHK⁺18,
CBS18, DdSF13, DDMQ19, DHMU16, HH11,
HM17d, HMZ18, HWXC18b, HK17, KM18,
KCL14b, LZ11c, LXZ18, LZ15a, LZZ18,
SBJ15, SS16b, WN18, ZLS13, ZYW17].
Preconditioning
[LZ16c, PSS18, AEF15, BJ19, BDHR18,
CNP14, DM19a, GGR19, HP19a, KK13a,
Pul16, RC17a, Tan18, Tom13, ZT13, ZZ15a].
predation [KALAS11]. **Predator**
[ZY13, ADS14, BP13, CSW11a, Che16,
DGT18, GOGYL⁺11, JLWX18, KL19, LG10,
Li13, Li14, LW15, LWN15, LWD15, Li17a,
LX17, LLY18a, Li18a, LD19, LY11c, Liu16b,
LDL10, LPY16, MLY18, MW16, PQB⁺16,
SZ14, SFM15, WL15, WW19a, WX18b,
XZZ16, Xu14, YY10a, YL13, Yan18a,
YXWL14, YDW15, Zen11, ZZ11a, ZHW14,
ZZ16a, ZSW19, ZG18b]. **Predator-induced**
[ZY13]. **predator-prey**
[DGT18, KL19, LX17, LLY18a, Li18a,
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predator-prey-dependent [JLWX18].
predators [CP16a, MY16]. **Predicting**
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MLSLM15, VJM15, XJLX10, XCM12,
YMSL11, ZNWG11, ZLY12]. **predictions**
[HCL12b]. **Predictive** [RMK19, BKDM13,
BL12, CN13, HMM12, MBT⁺13]. **predictor**
[AGPCC10, KBAF18, WFL11b, ZC11c].
predictor-corrector [KBAF18].
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[Ano14y, Boc19, CK13, CBM10, DGL18,
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preordered [JMLF11]. **Preparing**
[ODAZ15]. **preprocessing** [ZWJ$^+$11].
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[HA18a]. **presence**
[BTEM19, COR18, EA10, Gol13, Kia18,
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SSK13, VV14, WLT13a, YLS12].
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[CMGR11, Mah11]. **preserving**
[AH10a, AX11, AS11c, BBC$^+$11, BC11,
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MJB18, MDRRV11, MDVM17, TMZ$^+$15,
WK13, Wu11b, YXP$^+$13, YDW15, ZSY19].
press [HT12b]. **Pressure**
[Yan10c, BMSS18, DLF$^+$11, GGR15,
HMF16, LB18, MMT18, QWGJ15, VMP15,
XZL$^+$11, ZZLB18, ZLZG11]. **prevention**
[Cha13, DA18b, LHL15, MKA$^+$10, TYY$^+$12].
preventive [LJYS18]. **prey**
[ADS14, CP16a, CSW11a, Che16, DGT18,
GOGYL$^+$11, GM14c, JLWX18, KL19, LG10,
Li13, Li14, LW15, LWN15, LWD15, Li16a,
Li17a, LX17, LLY18a, Li18a, LD19, LY11c,
Liu16b, LDL10, LPY16, MY16, MLY18,
MW16, SZ14, SFM15, WL15, WW19a,
WX18b, XZZ16, Xu14, YY10a, YL13,
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ZHW14, ZZ16a, ZSW19, ZG18b].
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FSB17, GW15b, GLW18, HMV18, HZ16,
HC18, HZ18, HLvS18, KKT13, Lee14, LvS15,
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[ZHB11]. **primitive** [BG15, LH10b, ZZG19].

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printed [WA19]. **printers** [SLCC12]. **priori**
[BP19, BN16, DLS18a, GGS16, GS18,
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[CL12c, CZ10, LA11]. **Priority-based**
[CL12c]. **prismatic** [BMAR18, CWHW17].
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privacy-friendly [GVJ13].
Privacy-preserving [WK13, YXP$^+$13].
private [SBA10]. **probabilistic**
[BA16, HpD11, Wan10a, WCZ13]. **probabilities** [FSM19]. **Probability**
[Coo10, CKN11, HW11, LL13, MD10,
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probe [WY11a]. **problem**
[Aba10b, ABB17, AW11, AK12, AA10b,
AHO16, AAD17, AT18b, AT19, AS15a,
ÁBÁPM11, ADS14, AV14, AS19, ACTB19,
AKL18b, AA10c, BZ10, Bai11b, Bai12,
BNR10, BLS18, BPS19, BDS17, BCK11,
BKMT14, BKMT17, BDF16, BWL18,
BMS13, Bog10, Bog11, BD19, BM18d,
BRR16, BV17, BZT16, BPKM10, CW19,
CL17a, CCRS17, CGHY11, CCY10, Cha18,
CLTA11, CLH13, CLCF14, CM19a, CZF10,
CyL11, CPT15, Cho17, CCK18, CS11b,
CB19b, CM14, CG15, CN16a, CX18, CHS19,
CGJ$^+$14, DL10, DGR18, DRK11, De 10,
DCG$^+$12, DFGG13, DMPV10, DDM$^+$18,
DH16, DZ17, DLQ16, DH10c, ESN10, EG10,
EE18, EKZ17, EKE18, FST19, FES17,
FLdS14, FPB17, FBL11, FRSC16, FH17,
FOS19, FKeT12, Fur13, FIM18, GG18,
Gao11, GHC15a, GS18, GOS18, GR13a,
GRS18, GHMN16, GM19, GF19, HB19].
problem [HA18a, Haj18c, HY18, HXX19,
HO19, Hes14, HSJ15, HSWZ11, HSZ15,
HK15, HCZ16, HMZ18, Ibr16, JRZK11,
JPS14, JWX$^+$13, JO19, KAG11, KLP17,
Kar17, KP10a, KN11, KV10, KLL19,

PKD19, Ped18, PW10, PH19, PBK19, PD17, Pir11, PT11, Pov12a, QCLC17, QWL19, RSWZ10, RFK16, RCH19, RWTW19, RSH18, RF12, RHC15, RR11, RS18b, RGdSRLAJ10, RA11b, SK11a, SSSB11, SRGL13, SR17b, SVY16, SWS19, SWL19, She11, She12, SBJ15, SS16b, She18a, Smo17, SW11, Sta11, SST12, Su12, SZW11, SS13, SI17, TPHD18, TM12, TCM18, TA11].
problems
[Tha19a, TC10, TDN19, Tur10, Vac18, VAS$^+$18, VB10a, VAB12, WWW11a, WS11a, WWW11b, WWA11, WZWX11, WSCL11, WZF12a, WZF12b, WmN13, WC15, WHS17, WTM17, WCSW18, WZC$^+$19b, WCCS15, WLZ18b, WLGL10, WQNF12, XFL16, XW14, XZC12, XFY18, XC18, XLD11a, XLD11b, XC16, XHH$^+$19, YY14, Yan10d, YY10b, Yan11c, Yan15, YH15, YLK10, YZY10, YC10b, YNLK10, YCLY15, Yas12, YX11c, YDL11, YSB15, ZT16a, ZN18, ZB19, Zbo19, ZYWZ17, ZJ10b, ZBF11, ZLL11, ZLLF12, ZL14b, ZZWG16, ZYT$^+$16, ZZ18a, ZL19b, ZSS10, Zha14, Zha15b, ZcHS18, ZL16, yZjH12, ZY10b, ZGZ13, ZZ14, ZG16, ZZX16, ZYW17, lZxLhY12, ZS18, ZLGL11, dPLM18, sHC11, uRK11]. **procedure**
[AD15, BKMT14, CD14, HYL10, JPCY13, Mai16, SSS11b, WW11c, YLDL11, Zha18d].
procedures [Tom11]. **Proceedings**
[BCHS18]. **Procesi** [YT11]. **Process**
[SLCC12, ATO19, ALI11b, CsH10, CPP10, CSSW12, CL12b, Chu11b, DK14, FXC18, GSI19, GCG12, GLW18, HHS$^+$10, KYR11a, KYR11b, KT11b, LL12a, Li18d, Mai10, MP11c, NJV13, RMK19, SSIP19, WvDRG19, WA19, XLK11, XLF12, XX19, YLL$^+$14, HLvS18]. **processes**
[ASB12, AD12, AGD10, BGM19a, CIN$^+$18, CGS12, EF14, FLDZ12, GDM13, IW18, JSGP16, MDVM17, MMS$^+$18, PdlF10, SM19, Tim13, XWN11, YjH18, ZZHF12, ZWMD16].
processing [AA10b, AA10c, DSK$^+$14, DZ17, IC12, OKTR11, PMM17, TYY$^+$12, WSS10,

WJWW12, WCZ13, WPH11]. **processor**
[KORR10]. **produced** [RNB11, RB19].
producing [YLZ17]. **Product**
[YZGW10, AAR11, CHM$^+$10, CQRW11, ET12, GTG11, GM18b, KD11, MV12, VC12, WW10c, XD17, YKRV11, ZHJD13, ZZL18a].
product-form [MV12]. **product-sum**
[AAR11]. **product-type** [ZHJD13].
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[CCCW10, Chu11b, DRK10, DRK11, DK14, DKG14, MAPS10, QMW18, VB10a].
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[CL12a, Git14, LCLL18, San11, VCM11].
Prof. [DFG$^+$18]. **professional** [KSM12].
profile [MNJ$^+$13, Mom11, ZLG$^+$10].
profiles [DL18, TNT12, WYL19]. **program**
[BCF$^+$14, WBA$^+$18, ZHQG12].
programmable [HHY$^+$11]. **Programming**
[HH15, Ant10, CQ13, DBH$^+$14, GKS10, HDS11, HTGSH13, Koj10, LLW10, OSZP13, RFP11, RF12, SKK12, THZ$^+$11, WZW10, WLGL10, ZLL12]. **progress** [PZ11a].
projected [Mai16]. **Projection**
[KEHB18, VMP15, Zha17a, BS16b, CGHY11, CD16, FSB17, HD14a, HZM11, JMHF13, KN12, LY15, Liu14, LL15, MKL11, MW14, PLKC16, QZ16, QHW11, SK11a, Von19, WY15, qXjH11, XY14].
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projection-proximal [qXjH11].
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[JW11, PC12, SH11]. **projectors**
[AAB$^+$13, BT10, DNS15]. **projects**
[BKK11]. **prolate** [LDHH13]. **prolongation**
[Hu15]. **promising** [BGPP11]. **proof**
[BCF$^+$14, DC10, ZY17b, ZWY19]. **Proofs**
[YLLN16]. **propagated** [ABDKD12].
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[CWH13, KSG11, MTV13, PLMS14].
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[LMP13, AGT19, Abd18b, AM13b, AM18, BP11a, CBB15, DW18b, EO15, GM18a, GGK18, GGL13, HB19, Ikh11, KB10b, LR17b, MNPD15, MR15, PD17, Ray17,

ZTZ16b, ZC16, Zha18d, ZcHS18].
radial-stiffened [MG15]. **radiation**
[KZ16, LHZ$^+$11, LZZ11a, MCB10, MM18a,
NJ16, Pal13]. **radiative**
[BJRF19, GH16, GRS18, KB10a, PDN19].
radiative-conductive [GRS18].
radiative-convective [PDN19]. **radii**
[BK13]. **radio** [CJP12, CJP15, KP10b].
radio-frequency [CJP12, CJP15].
radiographs [LWWY12]. **radius**
[AA10a, LL12e, NNAS11c, THGG14, ZYS10].
radius-dependent [THGG14]. **Radon**
[Amb12, AM13c, GZ14, XD10]. **rainbow**
[LLL11]. **Ramanujan** [KK10c]. **Random**
[CJCV10, MX15, VBCJ10, AHOP18,
BEAA11, BNTT14, CCJ10, CCJV11,
CCNT16, CPT15, CJRR11, CRRS11,
CM10c, DRK11, DWZ16, DGLU18, FLDZ12,
GGL13, GM18b, JKMS12, LLH14, LG17,
LRCG16, Mil18, MNT15, MT19b, Nie10,
Ryl15b, SWOF19, SM17, Sun11, TKBMT17,
WL17a, WZ18a, WY11b, XLK11, YLS12,
YL18b, Zha18h]. **Randomized**
[ASA16, FSH10]. **randomly** [CBB15].
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CS14b, EHL$^+$14, KL12b, MHL11, RWW18,
WWXW19, WZ10, Zha15a]. **rank-one**
[KL12b, MHL11]. **rank-two** [RWW18].
Rankine [ZZHF12]. **Ranking**
[NM11a, KSKK11, Li10a, Sae11, SSS$^+$11a,
WYY11, WYK10, ZHJZ11, ZLY12]. **ranks**
[Als10]. **Raphson** [SG10a, SL16c]. **Rapid**
[OBCG19, LYL12, MSTB17, Ngo18].
rarefaction [LYN11]. **rate**
[AF13, AR17, CCRS17, CLM12, CL12c,
CXZ15a, CCCW10, DRK10, DD10, GCR$^+$18,
GGGR13, GD16, HW19a, HZ18, KKLJ11,
KPK18a, LBW11, LXYT11, LW11d, Ngo18,
XGH17a, XGH17b, ZHW$^+$18]. **rates**
[AM12c, BGH14, BC17, GZN19, HKJ14,
JPK17, LZ12c, MT19b, Par15]. **ratings**
[WC11b]. **ratio**
[BSK11, CZY11, CY14b, Ebr11, GOT19,
JS12b, Li10a, Li17a, SSHH$^+$18, ST15, SZ14,

XA13, ZZ11a, ZZ16b, ZG18b].
ratio-dependent
[Li17a, SZ14, ZZ11a, ZG18b]. **Rational**
[LMZK16, Men18, QRMH18, RMY19,
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BAO$^+$12, DE10, EZRR10, GMB12, LTX10,
Pan11, PTZ19, TUT11, YTZ17, YTL$^+$18].
rationality [CEJV16]. **ratios**
[RTRR18, SGK18]. **Raviart** [CLH13]. **ray**
[CX16, Abd18b]. **Rayleigh**
[AHV10, BMJ19, LK13, RGVR17, Zak18a].
RBF [MFSL19, AuIK17, Bay19, BHJ14,
DA18b, FLP13, GCE18, HMV18, JSGP16,
LZJY16, QZF19, ZN18]. **RBFs** [DM16].
RBIE [OP14]. **RC** [LKL$^+$15]. **RC4**
[CM13a]. **re** [CD12, GH12a, RPTD10].
re-assembling [RPTD10]. **re-encryption**
[GH12a]. **re-identification** [CD12].
reacting [BKR10, RSV11]. **Reaction**
[LN98, Li10c, WFY17, AD15, AD19a,
Akm15, AKL18a, AO18, AK19, AAA12,
AB16, Ara18, AV14, ABN18, BDM$^+$19b,
CBBE16, CL19, CL17a, CG14, CYM13,
CFLX18, CCM14, DMP18, DS18b, DHGF17,
EKE18, FM18, FMSV17, GD10a, Gao15,
Gao17, GM14c, GML17b, HNK13,
HTGSH13, HY13, HPR19, HHNLGC18,
HM17a, KBAF18, KW14a, KW14b, KAA19,
LCM14, LZC13, Li18c, LHL15, LDL$^+$15a,
LZ15b, LDL$^+$15b, LWSL19, LZP$^+$19, LZG19,
LGVS19, MGTH16, MY16, MF18b, MF18a,
MBS17, MPY16, Özu15, QZF19, RKF18,
She16, SOJC10, Tam16, TM18, TTM19,
TF17, VAS$^+$18, WCB13, WW11c, WHS18,
WCLD18, XL15, XZZ16, XZ18, XX19, YP10,
YDW15, YSB15, ZWZ16, ZSW19, ZZW15,
ZZ16c, ZZ17, ZLW19].
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reaction-cross-diffusion [FMSV17].
Reaction-diffusion [WFY17]. **reactions**
[CS13, Kei13]. **reactive**
[BMS13, MC11, MCR11, VPR11]. **reactor**
[CM13b, CL16a]. **reactors** [IL13].
reactors/bioreactors [IL13]. **reader**

LP10, LHL14a, PGDL18, PB13, TKBMT17,
TKHL18, WL12b, WLXG18, Waz11b, XY14,
YF10, yYsZyYL13]. **Regularized**
[ZLW18, BGF15, Boy16, CCG18, CM11c,
FKF13, FL11b, KBA11, LZ16b, LZ17, NZ14,
Ros12, SBJ15, WQRZ14].
regularized-stabilized [FKF13].
regularizers [Liu15b]. **regularly**
[ÇHK11, KMT10]. **reinforced**
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related [AKS10, ANR11, BCSCB$^+$15,
BFG11, Che11a, DPZ13, DRS11, KT11a,
KYR15, LS11d, MS11a, MN11c, NNAS11a,
Noo11, ODR10, QH11, RSB14, RGVR17,
SGQ12, VT11, WO10, YA11]. **Relating**
[Med12, NODA11]. **relation**
[BL10, CM18a, Gal10a, GC19b, HVA10,
JYL16, LZCL18, YG11]. **relational**
[GWL11]. **Relations** [Tia11, AH10c, BS10a,
BL11, BCSCB$^+$15, JMST11, LFJ12, PKK12,
RRC11, RES10, RT10, RGdSRLAJ10,
SKST10, SYL10, XY16, YG11].
Relationship [BCF10, DT11].
relationships [AX11]. **Relative**
[BKT12, BZK12, LY10a]. **relatively**
[CGHY11, LjHO10, Nil11, ZLL11].
Relativistic [Gal10b, Gal10c, QY13].
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[Gal10a, Gal10d, Gal11b, Gal11c, Gal11d].
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[SZZ11, ABL15, BOT14, FVVS16, GT15,
GT16, KM10, KGM11, LZZC12, LSC17,
MG15, OHK$^+$19, RSS10, SKTC15, SKTC19,
ZSW15, ZHW$^+$18, Zha13].
relaxation/retardation [RSS10]. **relaxed**
[Hua10b, SS17, Ver08, Ver12, Yan18c,
YLK10, Zha19b]. **reliability**
[CCDL10, DLT12, HH10a, KLTS11, Lin10a,
LLW15, fNS11]. **reliable**
[Abd18a, DFM15, EGG16, HM18a, KTDT17].

RELS [WCD10]. **reluctance** [MK18].
relying [BP18, Gos10]. **remaining**
[MSH10]. **Remap** [KKVS19, PBM19].
remark [BS18a, DFG19, Hua10b].
Remarks [Eba14, LC10b, LB18, RR19].
Remediation [ID16]. **remodeling**
[NCV$^+$18]. **remoteness** [AH10c].
removable [SJS$^+$11]. **removal**
[DCKY15, LX15b]. **Removing** [HKHK13].
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renewing [VCM11]. **repair** [VCM11].
repairable [Tod12]. **replacement** [VCM11].
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[GT16]. **reproducing**
[Arq18, DA18c, WSCL11]. **reproduction**
[AF13]. **repulsion** [Wan16b, ZMH16].
request [KK13b].
request-based-revealing [KK13b].
requirements [KX12]. **resampling**
[HLC11]. **rescheduling** [OPDC12]. **rescue**
[GW12b]. **research** [GZW$^+$18, Sen12].
reservoirs [FLWJ11]. **Residual**
[BDGG14, GCDG17, ÖKJR19, Wei17,
ABT19, BPC17, CJN19, Haj18a, HLTL17,
zLYmL18, MZES12, Naz13, OC14, RH15,
SNEP19, Śmi11, SJHC14, VAK$^+$19].
residual-based [BPC17, RH15, VAK$^+$19].
residual-free [CJN19]. **resilient** [CUK12].
resist [Lin14]. **resistive** [AHHM19].
resolution [CAC14, DB10, LGHR16,
LXZ13, TZXP11, THGG14, WZ16, dBD17].
resolved [GWR$^+$18, NDC$^+$19]. **resolvent**
[BK11a]. **resolvents** [AD12]. **resolving**
[Boy16, DSWB18]. **resonance**
[Bai11b, ILP$^+$11, LLL12, Yua18, ZBF11,
ZLW18, ZCT18]. **resonances**
[ACE17, Hei10a]. **Resonant**
[GZZ$^+$16, LZM18, ZM17a, KST10, WZ11b,
WZMY18, ZM17b]. **resonators** [Hei10a].

Zha17a, ZLY$^+$13]. **Self-adaptive**
[BGGCGRSP16, FOX11, HM19, Zha17a,
ZLY$^+$13]. **self-adjointness** [Zha17b].
self-consistent [YMHL18, Yu11b].
self-force [TBP19]. **self-normalized**
[HP10, pZ10]. **Self-Optimizing** [YS19b].
self-organizing [Bur13, JWX$^+$13].
self-shrinking [FSCG11]. **self-similar**
[KLMV12]. **selfadjoint**
[AD10a, AD11a, Dra11a, Dra11b]. **selfish**
[CQLX11]. **SEM** [ADZ19]. **Semantic**
[JTCC11, Ogi12, BL11]. **semantics**
[WYY11]. **Semi**
[CH17, DYH11, LM17, LXL14, MPMTV15,
TC16, YTL$^+$18, ZZ14, AJAR18, BG15,
CM16a, CWHW17, CCG18, CLC16, De 10,
DFM15, DBH$^+$14, EO15, GGGR13, HKJ14,
HHY13, JKB11, LL14a, Lee15, Lee17,
LM19b, LRH13, MWWL11, Mia18,
PLW$^+$18, QRMH18, SRGL13, TA11, UKI11,
WLYX13, XZ10, YH19, ZSZ17, ZL16].
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LL14a, Lee17, TA11, UKI11].
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CCG18, LM19b, Mia18, ZSZ17, ZL16].
Semi-discrete [CH17, HHY13].
Semi-foldon [DYH11]. **semi-implicit**
[DFM15, XZ10, YH19]. **semi-infinite**
[CLC16, De 10]. **semi-inverse** [JKB11].
semi-Lagrange [EO15]. **Semi-Lagrangian**
[TC16, BG15]. **semi-linear**
[HKJ14, Lee15, LRH13]. **semi-monotonic**
[DBH$^+$14]. **Semi-rational**
[YTL$^+$18, QRMH18]. **Semi-structured**
[LXL14, CWHW17, GGGR13, SRGL13].
semi-supervised [MWWL11, WLYX13].
semiconductor
[FP19, HDS11, HHS$^+$10, MDW13].
semicontinuity
[AKV11, CLF10, SSL11, WL17a].
semidefinite [DP15]. **semidiscrete**
[NSYY13]. **semigroup**
[Buo11, CLCF14, Pir11, SKdA11].
Semigroups [SJN10b, Ali11a, BR12c,

JMLF11, SDM10, SK10a, SJN10a, Yan11a].
semihypergroups [AMD10, JMLF11].
Semilinear [ANP19, Bra16, CL17a, CZN12,
CCD10, CC17, HLW19, JPK17, JFC14,
KB15, Li18c, LX15a, MT18, MT19b, Oua12,
SRM11a, SS16c, Tia17, TNHK19, Wu18b,
XZC12, XDH16, ZH19, lZxLhY12].
semilocal [CAH11]. **Semimartingale**
[Dun11]. **semiparametric** [LLG$^+$11].
semipositone [DGK10, LS11a, ZJ10b].
Semirigid [KP19b]. **semiring** [BMS12].
semiring-based [BMS12]. **semismooth**
[XX17]. **Senator** [LX10a]. **sense**
[GDZ11, Set12, ZRC11, sHC11]. **Sensing**
[BMP15]. **sensitive** [San11]. **sensitivities**
[GSS11]. **Sensitivity**
[ADY12, WCB13, WLHZ14, AD19b, BNP18,
DGOZ13, JLL19, LGL$^+$14, ODAZ15, SJL$^+$19,
WLT13a, WPL16, Wan18, ZMWH18].
sensor [CQLX11, CL12c, CMS10, Chu12a,
HB12a, HCL12b, JCWZ16, PHPK12,
SLXC11, ST12, WCB13, YXP$^+$13, YDK$^+$12,
gZnZpZbD12, dlPBTW13]. **Sensorless**
[LC12b]. **sensors** [LX12b]. **sentiments**
[FPW$^+$11]. **separable** [LL17, XJLX10].
separated [Dol11, STS19, YL18a].
separating [AD19b, PXT10].
separating-reattaching [AD19b].
separation
[IK12, LD11a, TAPA$^+$17, YXX11, ZS18].
SephadexTM [LCA$^+$17]. **September**
[Ano18-74, Ano18-56, Ano19-53]. **septimal**
[Che18]. **sequel** [KAA19]. **sequence**
[AES11, ÁBÁPM11, BD16, CM12a, DÇ12,
ECY11, FKDN15, FBB10, Ham10, Haz11,
KB10c, Lee11c, MN10c, MN11c, MKPS11,
NNL13, Sön11, TÇ11, TD10a, YT12].
sequence-dependent [ÁBÁPM11].
sequences [Bor11, Çak11b, Çan11a, ÇHK11,
Çan11b, CM10c, DG10a, DGOZ13, Hak14,
KS11, LTX10, LFJ11, LSJ12, MP11b, MP16,
Mor10c, Mor10d, MME10, XC11b].
Sequential [AN12, Fur13, NKA18].
sequestration [TZ18]. **serial** [CKK$^+$10].

[WC11a]. **shrinking** [CGHY11, Das12, FSCG11, KWFY11, KN12, RRP16]. **shrinking/stretching** [KWFY11]. **SHSS** [LM19b, ZM16a]. **shunt** [Ala10]. **SIAM** [HPV$^+$18]. **Sibanda** [Pan17]. **side** [KM12, KLL10, STS19]. **side-channel** [KLL10]. **sided** [FZL$^+$18, MY13, SJPS11, ZD12]. **sidedly** [CST14]. **sides** [AT18a, CDG15, NM11a]. **Sign** [LC10d, Bao16, CTC17, CTG17, CT17a, CHZ19, CT17b, DL14, DLS18b, HY10, HY18, LL19a, LL11, LY14, Li18b, LC16, Su12, ZT18a]. **sign-changing** [Bao16, CTC17, CTG17, CT17a, CHZ19, CT17b, DL14, DLS18b, HY10, HY18, LL19a, LL11, LY14, Li18b, LC16, ZT18a]. **signal** [BPM12, JLL19, ZT19, ZHJD13, ZXW13]. **signal-dependent** [JLL19]. **Signaling** [SLXC11, KPG13, XBHN16]. **signals** [CM10a, DB10, HCT12]. **signature** [CPL11, FSH10, LWZG10, Tso13, WMZW11]. **signatures** [WMSH11]. **signcryption** [HPY10, LHHZ12, LWHY10]. **Signorini** [AD16, LY15, Zha17a]. **signs** [KK12]. **silica** [SKCL19]. **silico** [CANA19]. **silicon** [SKH12]. **similar** [KLMV12]. **Similarities** [OAY11]. **Similarity** [KKK16, Zha19c, BL11, CYZZ18, FPW$^+$11, KKK14, KKK15, KK17, KTK18, Lam12, VP11, WK13, XZL$^+$11]. **Simple** [CUK12, KKJ15, AP19a, AA15, AAP12, Che11c, Che14, FGB19, Gur13, HD14b, HL11c, LK15, LMW10, Liu18b, Moh14, WCH18, WHS18, XY15, ZZ19, Zha15b, Zhe11]. **Simpler** [ZG19, ZWY19]. **Simplest** [CJ18a, HMWZ16, JKK12, YS16a, ZSAN18, ZSAN19]. **simplex** [WZW10]. **simplexes** [Von19]. **simplices** [KK14b, RR19]. **simplicial** [Tod13]. **simplified** [GFZ16, XWL18, YF10]. **Simplifying** [NCV$^+$18, XA13, Tsi11]. **Simply** [KBS11, ZWL11]. **Simpson** [SSO10]. **SIMTHESys** [IBG12]. **simulate** [DFJS10, RR14]. **Simulated**

[dCMdSGTdC$^+$16, Che12a, VB10a, ZLY$^+$13]. **Simulating** [ALHZMC$^+$19, AML$^+$14, BDPM12, LR17b, YNS$^+$14]. **Simulation** [ARESH18, AM10b, BHK16, BR13a, DM10, GK19, HLSN15, JMDA13, KRAS19, MM19, PC14, QWGJ15, ST14, ZR16, AM13b, ASSV18, BCCZ18, BKL14, BGM19a, BRFH16, CZY11, CLB14, CCY18, CGS12, CJPB10, DRT$^+$15, DGL12, DM16, DSK$^+$14, DSL11, FSZS18, FER15, GQF$^+$10, GLW13, GZR$^+$13, GW12b, GSY10, GIMZ14, HBK$^+$19, HHS$^+$17, HS18, HPR19, HTL10, HLL$^+$15, HKW15, Ima17, JK12, KP18, KORR10, LK13, LZZC12, LCLL16, LYN11, LDL10, MNJ$^+$13, MMFT$^+$19, MJ14, MNPD15, MD15, MDW13, NKM16, NNL13, NDC$^+$19, Özd18, RMK19, RTRR18, RCG15, SSM$^+$17, SK14a, Sag10, SSIP19, SRDD17, SG11b, SGK18, SNEP19, SKTD13, SKFG11, TTT10, THC$^+$18, TY13, UMLF13, Wan19a, WWH12, YSW16, YZ15, YGH11, YLL$^+$14, YCW$^+$14, ZY15b, ZZL19, ZZC13a, ZZC13b]. **Simulations** [AR17, AVV18, ADD$^+$15, BGP13, CIN$^+$18, CYP16, CM15, Cos18, DSWB18, DTR19, DFM15, FP19, GGAV18, GGGR17, GSD$^+$19, HH17, HMSC10, HIS19, ILP14, JK10, JK11a, JGK13, JO19, KHWK10, KVR11, Kup10, Kup14, LDW11, LLML10, LHM11, MMS$^+$18, MUB$^+$16, MLG17, OHK$^+$19, PTH$^+$16, RKD18, Rua19, SSHH$^+$18, SL16a, SSK13, SZC$^+$18, Tro13, WWLL13, WL13b, WBN18, WS16, WCZ$^+$19, XFH19, YLF19, ZLS19, ZLHF19]. **simulator** [LWHL12]. **Simultaneous** [CL19, DIS19, HLI14, Ikh11, LW19b, MO14, XC11a]. **simultaneously** [Ned12, WQRZ14, ZL12b]. **Sinc** [MN11a, AEG18]. **Sinc-collocation** [MN11a]. **sinc-Galerkin** [AEG18]. **sine** [KTDT17, LZWC16, MPfTX18, WL17a, ZWG11]. **sine-Gordon** [KTDT17, LZWC16, MPfTX18, WL17a]. **Single** [BTEM19, DM19b, Wan08, WW10a, WWW11a, WWW11b, YH11a,

DSL11, DHMU16, HH18b, JZL18, KV17a,
KV17b, KBAF18, LZ19a, SDH13, Seg19,
YJ19, YN16, ZZ16a, ZZL18a]. **Smoothed**
[ATO19, WRW⁺19, FM11, LL19b, SPP18].
smoother [ACC18]. **smoothers** [Che15a].
smoothing
[CM11c, LGC⁺17, MZES12, NZ14, ZXW13].
SMS [KRM⁺10]. **Sobol** [DGOZ13].
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[BKT11, BK12a, DSL18, FWW14, HGHA19,
HCF16, HR19, LL16a, LS19b, LLZ18, RSB14,
She18a, SW16a, SC19b, WS17, ZLL17].
soccer [TT12]. **social** [DW18b]. **Soft**
[AKT10, Ali11a, AS11d, BS10a, ÇE10a,
ÇE10b, ÇKE11, MZQ11, SA11b, THB12,
WYG11, YKD11, ZJ10a, ASN11, BS11a,
CD12, FLLF10, GXZ10, GXZ11, AB11,
HLY12a, HA11, JTC⁺10b, JTC⁺10a, Jia11,
JTCC11, JLP10a, JY11, LZH12, LFJ12,
MSQ⁺11, MS10a, MS10b, Min11, ÖI12,
PKK12, SA11a, SN11, TK11, WYG12,
Wan13a, XGXZ10, XMWH10, YLY⁺09,
Yan11a, YG11, YJZ11, YLJ12]. **Software**
[HH10a, SBB⁺18, CCDL10, JPP12,
KLH⁺12, LZL⁺18, LYL12, NEB14, PLT⁺19,
Rob14, ZHQG12]. **soil** [GQF⁺10, LLL16].
soils [WC11a, YLDL11]. **solar**
[BZZ⁺10, SKH12]. **Solid** [WKBR18, BPZ19,
CPP10, CM19b, GLLC19, HAESLB14,
HLSN15, JNJ⁺11, LL19b, MMT18, SK14a,
SRDD17, WAG⁺14, ZLC⁺11a]. **solid-solid**
[CPP10]. **solids** [FM17, RNQ13, RNQ16].
Solitary
[AKMUH17, DTYZ18, KK19c, Cha11c,
Chu11a, ES17, FER15, GZW⁺18, KK19b,
Kuo18, LD11b, LGZ19, LGH⁺11, zLZ19,
Man18, NTR15, RNB11, Sea15, SIL19,
SMYK19, TZ15, Tao18, WTYZ17, WF18,
Wan19a, WL16, YTD⁺18, YYLW19, ZLL14].
solitary-wave [TZ15]. **Soliton**
[BC10, JPB11, KK17, KT18b, YYC11,
ZTSC16, Bis10, Elb15, GTZ19, HLLM19,
HTY⁺19, HTWS15, KTK18, Kuo18,
LMMF17, LMDL11, LTSW16, LL16d,

Liu18a, LZM18, zLZ19, LWW19a, MCF18,
ML19a, MGS⁺14, OVV⁺16, Osm18, XX10,
YTD⁺18, ZZ11b, ZCZ17, ZDM11, ZTZJ14].
solitonary [NNWAS11]. **solitonic** [LWL11].
Solitons [CTSX16, ZSAN18, AGT19,
CDW11, Che18, Elb15, QTW⁺18, TTG16,
WW18a, YHC18, ZCT18, ZM17b]. **solute**
[Kup14]. **Solution**
[EG10, GVSP12, HA18b, RMA10, AB10a,
AM13a, AJRWS12, AaC19, AIIZ10, AJ12,
AS11b, Alo11, AKL18b, BMAR18, BS16a,
BGRS11, BD16, BDF16, Bis14, Bis10,
BOT14, BT14, BHJ14, BL17, BN14b, BK10,
BPF13, CCJ10, CCJV11, CM11a, CNR10,
CP15b, CB11d, CLF10, CYZZ18, CHL18,
CJK17, DWY15, DLZ17, DD19a, DAM14,
DNP15, DFGG13, DM12b, EMQ18, EM19,
EZRR10, EOM11, ESL11, FR15, FLZ14b,
FJC16, GMP18, Gha18, GY11, GALO18,
Goo11b, GR13b, GW15b, HZ18, HG16,
HVR18, HHNLGC18, HB12b, HSZ15, HT12a,
HQ19, HXL11, HLZD11, HGW11, HXS⁺15,
HM15, HM17c, HT19, IBSS11, JKN10,
JFC14, KB19, Kat11, KV10, KP19a, KPR13,
KBCS16, KCC⁺13, KRD16, KAS11b, KY11,
KS12b, LS10a, LS11b, LGG12, LCK13,
LSZ16, Li18e, LT18, Li19a, LZ11d, LZ14].
solution [LY11d, Liu14, Liu16a, LLT16a,
LLT16b, LCW17, LLP19, LWW19a, LSV18,
LLL16, LMP13, LXYT11, MX10, MDW11,
MWL18, MDRRV11, MGY11, MO14, Mil18,
MN10a, Moh14, NT17, Oru17, ORR16,
Pan11, PMM17, PAE⁺12, PJ17, Pop13,
Pop14, RKP12, RY11, RNB11, RBB12,
Ran15, RCM11, RC17b, RZZ19, SD10b,
SD11a, SMK18, Sat11, STS19, SYI12,
SSH15, SBS12, SA16, SKPW14, SMBY10,
uIAA15, SWC11, SKM11, SK14b, TZ18,
TAS11, TNHK19, Tur10, UKA15, VA10,
VA11, VDB13, WYN12, WLT13b, WW19a,
WAW15, XZC12, XCS18, XLT17, YYK16,
YC11, YJ19, YYLW19, YN16, YM13, ZA10,
ZTR11, ZWC10, Zha11c, ZS11b, ZLTY16,
ZYSY17, ZH18a, ZWLZ18, yZjH12,

ZTW⁺19, Zho19, ZBL12]. **Solutions**
[ArEM10, CA10b, HKT11, Kes10, LZGZ11,
LLX11, MLL16, Abb11, ARESH18, ABL15,
AK16, Ade16, Ade17, AJS19, ABJ11, AP10,
AÇT11, AA15, AAEG17, AJAR18, AJ10,
AJ11, AA18, Amb19, AKLS19, AT17,
ACE17, Arq18, ASY⁺11, AET19,
AKMUH17, ALI11b, BZ10, BS12a, BK12a,
BM10a, BC12, BNR10, BH10, Bao16, BM18a,
BR18, BAO⁺12, BHM12, BK14, BDS10,
BB12, BC10, BKY10, BML11, Bog11,
BDO11, CHS11, CW15a, CP15a, CWW19,
CW19, ÇT12, Cha11c, CANK11, CZN11,
CZN12, CC19, CCD10, CTA12, CCX13,
CM13b, CF16b, CTC17, CTG17, CT17a,
CT18, CM18b, CO19, CHZ19, jC11, CyL11,
CZ15, CZ17, CT17b, CS12, CAP10, Chu11a,
Chu11c, CP16c, CC17, Chu18, CCP19,
CJCV10, Cov13, CZ18, DLS18a, DCL17,
DGA18, DGZ13, DQ10, DSR10, DLD10,
Din13, DL14, DD16, DLC19, DSL18, Dua18].
solutions [DDK11, EGAA19, EK16, ESN10,
ES17, ES18, Elb15, Erg19, EG18, FKKS11,
FYYT11, FSTN18, FST19, FW18, FSHZ11,
Fer11, FL13a, GZZ⁺16, Gao17, GTC18,
GJ19, GK13, Gen11a, Gep16, GTL16,
GSY10, GL17b, Goo10, Goo11a, GK18,
GZD18, GMZ15, GTZ19, Gup11, GH13b,
Haj18a, HA18a, Haj18b, HY10, HY18,
HL18a, HLWX11, HC16, HLTL17, HLLM19,
HGHA19, HKI12, HYCP11, HKK⁺16,
HTM18, HL11a, HL11b, HM10, HRMS10,
HM17b, HX14, HTWS15, HYC18, Ibr11,
IMS19, JKB11, JKK12, Jal14, JRZK11,
JPB11, JPK18, JQSS12, JL11b, JWX14,
JPS10, JS11, JLTB12, JD12, JZ11, JLF17,
JKS18, JKS19, Jum10, KSG11, KLL19,
KK14a, Kim11, KL16b, Kon16, KL19, Ku15,
KKK14, KKK15, KKK16, KTK17, KK17,
KTK18, KT18a, KT18b, KK19b, KK19c,
Kuo18, KMT10, KM11, LK15, LSCG16,
LS17a, LL19a, LLZ10, LCW10]. **solutions**
[Li10e, LYZ11, LD11b, LF11c, LDL11, LJ11,
LS11a, LL11, LZ12a, Li13, LY14, LL16a,

Li16a, LMMF17, LX17, LLY18b, Li18c, Li18b,
LZL19, LM19a, LCW19, LGZ19, LJ10a,
LZ11e, LWL11, LLZ18, LL10a, LCLL16,
LJLY19, LKU10, LWKK10, LJ10b, LC10d,
LMDL11, LZKU11, LY11c, LC16, LTSW16,
LL16d, Liu16c, Liu18a, LW18a, LCLL18,
LZM18, LYC⁺19, LW19b, LZ19c, zLZ19,
zLYLQ19, LWW19a, LDL10, LSX13, LL14b,
LMZK16, LXY19, Luo19, MM10a, MP10a,
MP11a, MPZ11, MZL13, MW17, MF18a,
MYZ18, uHS12, MCKM12, Man18, MZM18,
MM18a, MGS⁺14, MPfTX18, Men18,
MAST18, MLZ⁺16, MV17, MS12a, MPLR18,
MY10, MI16, MM12, MK17, MAH18,
MCN10, Nab19, NKM15, NTR15, NNWAS11,
OZF19, Osm18, Ouy11, ÖZ11, Pad18,
PDM11, PRR18, Par11a, PC11b, Pen11,
PTZ19, PD11, Pet15, Pir11, PT11, PMA17,
PP12, PLT17, QRMH18, QHT16, QCT17,
QTW⁺18, RSM17, RHMA18, RSDR11].
solutions [RFK16, Ray16, RG18, RWW18,
RMY19, RÖ10, RNQ13, RNQ16, SR17a,
SH11, San12, SAIZ15, Sca11, SZ12a, SJL⁺19,
Sea11, Sea15, SIL19, SVY16, Sha18,
SMDI18, SNDK18, SNSK19, SW12, SBM13,
SW11, SYY13, Sta11, SZ11, Su12, SZW11,
SLL12a, SZ12b, SLL12b, TN11, TJ10,
TZWM10, TZ15, TCM18, TUT11, TNF11,
Tol12, TTX⁺16, UABK16, ÜM16, Üns18,
VLFS12, WSG10, WZH10, WZF16, Wan16b,
WS17, WF18, WWD18, WY19a, Wan19b,
WO18, Wei10b, WHW11, WFDW10a,
WFDW10b, WLDL11a, WLDL11b, Wu11a,
WZ15, WW15, Wu16, WZMY18, WX18b,
XX10, XZR16, XYXZ16, XC18, XY10,
XLD11a, XLD11b, XHA13, XC17, XZ19,
YY15, YTD⁺18, Yan10d, YY10b, Yan11c,
Yan11d, Yan12b, YL16, YGS⁺16, YM17,
YGS17, YKC11, YCLY15, Yao16, YÖ10,
Ye17a, YMDZ10, YLG10, YL10b, YMLL18,
YTC⁺18, YW19, YMHL18, YqS16, YS16b,
YZS18, YTS⁺17, YTL⁺18, YHC18, YSS11a].
solutions
[YSS11b, Yüz12b, Yüz12c, ZSAN18, ZA15,

[ADD$^+$15]. **spark** [JS12b]. **Sparse**
[BF16, CR19, ASA16, ADD$^+$15, CX16,
DGLU18, Git14, HLX18, KM14, KSS13,
LCLL16, LSV18, RZZ19, SW16b, TJQS13,
THGG14, WY19b, ZS16, ZFY$^+$19, ZZL18a,
ZXW13, ZGL14]. **sparse-view** [CX16].
sparsity [LZ11c, PSS18]. **Spatial**
[FL13b, GV11a, Hu19, Zha18b, AB16,
Ara18, CLTA11, CM18c, FSM19, JHW15,
LY11b, WYL19, YZMA18, ZH15a, ZSLZ19].
Spatial-temporal [Hu19]. **spatially**
[CL19, CRG16, Che18, GWR$^+$18, GMS18,
GLL14, LHL14a, WCCS15, WLZ18b].
spatially-distributed [CL19].
spatially-varying [CRG16]. **Spatio**
[ZZF18, ZLMZ18, AET19, VJM15].
Spatio-temporal
[ZZF18, ZLMZ18, AET19, VJM15].
Spatiotemporal
[MLY18, SZ14, Zho13, GM14c, YG17].
SPDE [MT19b]. **speaker** [Hon12]. **Special**
[CBM10, LZL$^+$13, PHWM10, SPCS13,
VBW10a, VBW10b, YWL$^+$11b, ZMLZ16,
ZFLM19, ADK10, DG13a, Din10, Gal11b,
Kir10a, Kir10b, LZGZ11, Lup11, MTN19,
MJ10, QY13, RRGTV10, SKST10, TN11,
ZWLZ18, Zho16]. **Species**
[YZAX10, BFF$^+$11, Che16, CKRW19,
DD19a, FHA16, Gal12, KL16a, Li16a,
LMZ18, MW17, PP10, PQB$^+$16, PQBK17,
TM18, TZG10, VPR11, ZT19, ZL10a].
Specific [Bra13, Ebr11]. **specifications**
[CFRS10]. **Specifying** [ZMG10]. **Spectral**
[AS15a, CLC16, CSS10, KDU15, LvdVX18,
PGQ16, UMLF13, VLJH18, YCHW18,
YQWZ19, ZLHF19, ADZ19, AR10a, AB10b,
APRM11, AK19, AT18b, BG14, Boy16,
DNS15, DB10, DBEE11, DB12, DHY19,
DNS18, DZ16, DHMU16, FID14, GHC15a,
GB16, GY11, GSY10, GML17b, HG16,
HA16a, HS13, HSJ15, Hes18, HC14, HZP18,
HK17, Ipe12, JL18, KB10a, LL14a, Lee17,
LCA$^+$17, LK18, LL12e, LZ15b, LFZ19b,
PFDG17, PGF18, SD15a, SD18, SBEB10,

SD11b, SL18b, SK14b, Tha19b, TXL19,
THGG14, ZYS10, ZLJ$^+$18, ZCLW19,
ZcHS18, ZJZ18, ZY11, ZZX16, ZC17, ZT18b].
Spectral-element [UMLF13, ZC17].
spectral-Galerkin [AB10b, DB12, DHY19].
Spectrally [AHF16, SMF17, BL14].
Spectrally-accurate [SMF17]. **Spectrum**
[BCF10, AES11, CCL$^+$12, FBB10, LSM10,
LL10b]. **speech** [YZ12, ZJZ$^+$11]. **speed**
[Ebr11, LMP13, LC12b, QCS$^+$19, RR14].
SPH [FL13a, GHT$^+$15, HMF16, LVF$^+$16,
TLR17, VLJH18]. **sphere** [AA18, HR14,
LRCG16, Mic17, PT15, RSP18, SKFG11].
spheres [GT15, GT16, PL17]. **spherical**
[BJLZ12, BOY12, CDM10, GVSP12, GH16,
JNJ$^+$11, PL17]. **spheroid** [LDHH13].
spheroids [MKS13]. **Spike** [DHQ11]. **spill**
[WHD14]. **Spin** [AHP$^+$14, GTZ19, LM19a].
Spin-polarized [AHP$^+$14]. **spiral** [HSC17].
Spline
[Gha17, Cer18, DSB19, GW15a, GMI11,
GMI12, JK18, LXL14, MP10b, MD15,
MM18d, Moh15, Pet15, PLT$^+$19, QX19,
SHH16, SKM11, SYW11, WZH18, YZX18].
Spline-based [Gha17]. **splines**
[CQRW11, HH15, KB19, LD13b, LT15a,
MRS15, PZJ$^+$16, PZAR19, PL17, Seg19,
ST16, Sou11, TWLYÖ10, VAK$^+$19]. **Split**
[WH16, CAY12, CX16, DMZ10, JZJ18,
WH18]. **Split-step** [WH16, DMZ10, WH18].
Splitting
[AO18, KVV14, SLL17, AM10a, BCF13,
BKR$^+$19, BKNR19, CM16a, CMR17, Cao19,
CR18a, CWY19, Del13, EO14, FZ19, Gal12,
GS15a, GTG11, GR19a, GSD$^+$19, HMF16,
HJ13, HWXC18b, KM14, LM17, LWQZ18,
MKHC11, MPY16, Oan13, PW10, RWTW19,
Saj12, SR17b, SS16b, SS14b, SLM16, WLD13,
WWB13, WLM13, WHW11, ZT13, ZT16a,
ZYW15, ZS16, ZZ18a, ZYW17, ZQ14b].
splitting-based [CR18a].
splitting-differentiation [GS15a].
splittings [Lad16, LFZ19a, Mis14, MM18c].
SPN [LLSS13]. **spotty** [ÖŞ11]. **spreading**

[GGK18]. **spring** [GBG11, KJ11]. **Spurious**
[GOT19, ACE17, BCD$^+$16, MNPD15]. **SQP**
[ZLL12]. **SQP-filter** [ZLL12]. **squall**
[GZW$^+$18]. **Square**
[CZN11, CCJ10, CCJV11, CCKY12,
CJCV10, FGL10, HSK11, RMB$^+$14,
SRRP18, TNP17, XH11a, ZHB11].
Square-mean [CZN11].
square-wave-driven [CCKY12]. **Squares**
[BDGG14, GCDG17, KDU15, RCM11,
BQ15, BQ17, BJQS18, BJ19, BG14, BC17,
CCKP15, DM16, Dia17, GB16, HA18a,
HS13, Hes14, HSJ15, Hes18, HM17c, HK17,
Ku18, LC10a, LR14, LGG12, LL16b, LZ17,
LJJ17, LJLY19, LY11d, Liu14, MLGY16,
PFDG17, PGF18, PATA11, TCM18,
TJQS13, TBP19, WLT13b, YD12, ZLZ11,
ZMLZ16, ZY17a, ZWLZ18, ZL13]. **squeeze**
[CJ12]. **squeezing**
[IIHI10, IIHuI10, MMA12]. **squirrel**
[DGGBTRJF12]. **Srivastava** [KSJ12]. **SST**
[LZPZ19]. **ST** [SWS19]. **stabilised**
[LMR19]. **Stability**
[AR09, AR10b, AKSW19, BDB12, CW15a,
Chu10, Das15, DD19a, FF14, FZ18, GKK11,
Hon10, HTV13, HW19b, JC12, KC11,
LCP10, Li17a, MG16, MMFT$^+$19, RMM11,
Saj12, Sea14, SSC19, SYW11, WYLZ10,
WZ11a, XXH18, YG17, YH19, ZH19,
ZLC11b, ZZW15, ZZ17, AM15, AEDL14,
Bai11a, BV11, BG19, BTB18, Bis14, BY11,
BK13, BK12b, CBKR10, Cie11, CHS19,
CFF15, DMZ10, DYQM14, FDB13, FLZ14a,
GV11a, GL16, HY13, HM17a, Hua11, HT16b,
JZ12, JZL18, KP13, KG14, KLP17, KJA10,
KPG18, KGM11, LC12a, LPK15, LHW11,
LW15, LWD15, LL16b, LCC13, Luo18,
LPY16, MAB19, MSA12, MTV13, MW14,
MZ11, Ngo18, Pal12, PCM12, RSV11,
Rhe10, SP10, SCV10, SMF10, She16, SI10,
Sun10, VB10b, WWG10, WW11a, WZF12a,
WLL12, WCW13, XMW10, XH11a, YÇG12,
YY10a, YX16, YS19a, YW11a]. **stability**
[YLLN16, ZHW14, ZMWH18, yZjH12,

ZGD14, dPLM18]. **Stabilization**
[HH18a, LCQL17, Lin12, BL12, BHH16,
CKSL$^+$14, CBBE16, CW17, KEHB18,
LMZ18, OSZP13, SZDO10, ZTR11, ZT19].
stabilizations [DM18]. **Stabilized**
[MVKK14, MPY16, TS16, BPS19, BS16b,
CBS18, FKF13, FLdS14, FGHZ17, GLP18,
GGH18, HZM11, LLML15, LHL18, MFSL19,
RC18, WC15, YZ15, ZHJ14]. **stabilizing**
[HK10, Nes10]. **Stable**
[BMH19, Dub13, FXC18, FLP13, SZGG11,
AvB16, Ahn12, AKMS18, BR12d, DGTC13,
Dun18, FHZ10, GS15b, HP17, HA16b,
HKW15, KKT13, LS19a, LLJK10, LLYL19,
MM18d, NCC13, RFK16, RKF18, SS14a,
SCC$^+$12a, STDLM19, Wei12b, ZLC$^+$14].
stage [Amo15, BP13, CCL$^+$12, CHT11,
HHY$^+$11, JL12, LL12c, MLY11, MM18c,
SFM15, Xu14, YG17, YD12, Zen11].
stage-based [HHY$^+$11]. **stage-structured**
[BP13, Zen11]. **Staggered**
[KNT12, CDL17, ED12, KG14, KCL14a,
KCL14b, KCL16, RS18b, SWL16, ZP18a].
stagnation [BGP13, Das12].
stagnation-point [BGP13]. **stairs**
[KHIB12]. **Stancu**
[Büy10, Gal11a, Mah10b]. **Stand** [RIW12].
standard [MMH11, MHM11, RMM11,
SMM19, TLR17, XGH17b]. **standing**
[DL14, FZ18, Luo18]. **star** [CNR10].
star-like-shaped [CNR10]. **starlike**
[RS12a, Sok11, SWW11, YL10a].
Starlikeness [Mos10, SK11d]. **Start**
[YZ10a]. **Start-up** [YZ10a]. **State**
[BKR11, TMSO12, ZHV19, AdAS11, CC19,
CTC17, CT17a, CMS10, DNS16, DLT12,
FGHZ17, Gao15, GTC18, GRS18, Gro19,
GD12, GS19, HP19a, HC14, Kia19, KLTS11,
KAK$^+$12, Kup10, Kup11, Lan12, LSCG16,
LLZ11, LL13, LWN15, LT18, Li18b,
LCYC12, LLT16a, LLT16b, LLP19, Luo19,
MCL$^+$13, MN11b, Pen11, PB11, QHT16,
RMS10, RFP11, RF12, TMO13, VCM11,
VV14, WZ15, XLT17, YY11a, YW19,

YKA18, YTZ17, ZHJ14, ZTZ15, ZSQ$^+$18,
ZLMZ18, ZT18a, ZZX16, Zho19, ZBL12,
dAS18, dSAC11]. **state-dependent**
[AdAS11, DNS16, Pen11, dAS18, dSAC11].
state-space [DLT12]. **States**
[HPV$^+$18, AF13, CL16a, Das15, GCR$^+$18,
JLWX18, MCL15, PTL13, Wu18a, ZTZ16a,
ZHS$^+$19, ZMWH18]. **Static**
[ZHQG12, CCCW16, JAJ18, KLTS11, LT13,
LX18, MMS$^+$18, NHH13, PÁAP$^+$15, TAS11].
station [Mok11]. **Stationary**
[LD19, WL15, CW15a, CGGM19, Cho17,
CN16a, CGO19, Ers16, FIW13, FMSV17,
HKP17, HZM11, JFC14, KL19, LFZ19a,
Liu16b, NCC13, NJV13, SK14b, WH14,
Yan18a, YH19, ZHY14, ZT15]. **Statistical**
[AD10b, BA11, DK12, KD11, MHH11,
CCJV11, Che11e, DD10, Fio14, JL16, KD10,
LZF18, VDV13, WZG19, yXpYxZT11].
statistics [BEAA11]. **stator** [LC12b].
Steady [DKM17, LWN15, SL12, ZZC13a,
BMS13, CL16a, Das15, GCR$^+$18, HP19a,
HLSN15, Ima17, JLWX18, Mom11, PD11,
TH19, YY11a, Yan18c, YT13, YTZ17,
ZHJ14, ZSQ$^+$18, ZLMZ18, ZMWH18].
Steady-state
[LWN15, YY11a, YTZ17, ZHJ14, ZSQ$^+$18].
steady-states [JLWX18]. **steel** [CPP10].
steels [SSIP19]. **steep** [YL16, YW19].
Stefan [HSZ15, UABK16]. **Steffensen**
[SV11]. **Steffensen-type** [SV11]. **Stein**
[XW19b]. **Steklov** [MRR18, RA11b]. **stem**
[Ben12]. **Stencil** [CCHG17]. **Stencil-based**
[CCHG17]. **stencils** [FLP13]. **stenosed**
[SR10b]. **stenosis** [SR10b, SRV10, ZAK18b].
stented [WSC16]. **Step**
[MBJ16, ATUC15, ABCR10, AM12c, CYM13,
DN18b, DZW$^+$15, DMZ10, Don10b, FLH10,
FL11a, GK11a, GK11b, GGT14, HWXC18a,
KRCJ11, KYR11a, KYR11b, KSMN11,
LCK17, Mai16, MR19, MS15, Mor13,
OBAAD10, SM19, WH16, WH18, XWY17].
Stephenson [HT12b]. **Stephenson-I**
[HT12b]. **stepped** [LPML19]. **stepping**

[AK19, SZ17, SZC$^+$18, YH19]. **steps**
[WZHW13]. **Stepwise** [GGAVRC$^+$19].
sterile [ADL12, DD13]. **Stewartson**
[HLTL17, KSG11, QRMH18, THfL17,
WLXZ18]. **Stieltjes** [BR12a, LS12c, SK11c].
stiff
[ABL15, AJY13, KAG11, SSSB11, ZR18b].
stiffened [MG15, PBS12]. **stiffness**
[BCG17, MM13, PH13]. **stimulus**
[PLKCC12]. **Stirling** [Mor10a]. **Stochastic**
[BNTT14, BCPS15, BM19, GHL18, JHW15,
KPK18b, KKK12, LHW11, Lin11, LDG19,
MP11c, ZZG19, aZW17, ASSV18, BM12a,
BS10b, BH10, BH14, BY11, BR13b, BKP11,
BK12b, CFN11, CZN11, CLS19, CXZ15a,
CKM12, CCCW10, DRK11, DWZ16,
DMZ10, DGLU18, EBENF10, EHL$^+$14,
FES17, Gao17, Git14, HDS11, HZ18, HP19b,
HA18b, JS11, KPR13, KMRN12, KSM12,
LD11a, LW17, Li18c, LQMW18, LX12b,
LH10a, LSD10, LLH11a, LLH11b, LW12a,
LW12b, LW11d, MKR12, MV12, MP19a,
MS12a, MB10b, Pal12, PDM11, PZL$^+$18,
PW18, PH19, Pul16, SSA12, SYZ19, SP12,
VB10b, WS12, WL17a, WZ18a, WLXG18,
WW19c, Wan19b, WWH12, XZ10, XH11a,
XSYL19, XaZH19, YL18b, ZZ19, ZLW18,
ZWMD16, Zha18h, ZC11a, ZC11c, aZ18].
Stock [CXZ15a, FXC18, LWJ10, DRK10,
FES17, LX10b, San11, Sin16, WTC$^+$12].
stock-dependent [DRK10]. **Stokes**
[AT17, GOS18, AS19, BT15, BS16b, BO18a,
Bis14, BNP18, BC17, BPF13, CLTA11,
Cho17, CH17, CB19b, DDMQ19, DM19a,
DSM18, DNZ$^+$13, DZ17, DLQ16, Dua18,
Ers16, FZ17, FH11, Fis18a, FRZ15, GGLP15,
GRBT16, GB16, GH18, HKP17, HKS19a,
HS13, Hes14, HSJ15, HQ19, HZM11, ILS13,
JRZK11, JPS14, JJH16, JYYL16, KLP10,
Kim14, KCL14b, KLRW12, LC10a, LL12b,
LR14, LHL18, LHL12b, Liu16c, MM16,
MLGY16, NMR15, Ngo18, PGQ16, PLKC16,
PGW19, QZM17b, QM19, RBTD14, RTV17,
RA19, SMM19, SYI12, Sha14, SZ17, SHH16,

[WPL16]. **tensors**
[JBBL17, LKCN19, LZ19b, Loh16]. **tent**
[GMS15]. **term** [AM13a, ARESH18, Bag17,
BKR11, BTB18, BDS10, BSY$^+$19, CLA19,
CZF10, CLJ11, DSL18, FLZ14b, FH16,
FLWJ11, HH18a, HP13, HCL12b, JGSS10,
JA11, JLTB12, KLL19, KPK18a, LP12,
LD11a, Liu12, LYZ17, Liu17, LLLW18,
LFAL19, MLZ$^+$16, QZM17b, RZZ19, SC19a,
SBM10, SLL12b, Tia17, TY16, WSCW16,
yYsZyYL13, yZjM10, ZL19a, ZLA17,
ZZL$^+$18b, ZWH$^+$19, ZKW15]. **terminal**
[fNS11]. **terminals** [RT11]. **termination**
[LWJ10]. **terms**
[ABL15, ANP19, GGR15, Gen11a, HKJ14,
HC16, IS12, KNZ19, KPK18b, LSW10,
MT10, PC17, PC11b, PL10b, QY17, WZ11a,
Was13, WGY$^+$18, YSB15, ZL10a]. **Tesla**
[AdSSS19]. **Tesla-type** [AdSSS19].
tessellation [FJWW16]. **tessellations**
[WJWW12, XY16]. **test**
[BGH14, CCN14, CHBTD14, DGH17, HK15,
NCC13, XLZW11, YW11a]. **testbed**
[KHIB12]. **tested** [AM15]. **testing**
[CCDL10, Dun18]. **tests**
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[MW14]. **Tetrahedral**
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TFBSs [fLcJ10]. **TFLHOWA** [LS10c]. **th**
[LM19a, HLWX11, HL11a, HL10, Yan11d].
th-order [HLWX11, Yan11d]. **Thai**
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[BMRA10, Chu10, DSA10, FF14, GK11a,
HPR19, HLY12a, HSMG12, JTC$^+$10a, Jia11,
KK10c, LCWZ18, MP10b, MTV13, MS11b,
RMY19, RA12, Sal10, Sal11, SK10a, Tia11,
THH12, WYG12, Wan13a, XSLS11, XY16,
XMWH10, Xue13, YA11]. **them** [TTG16].
themes [Boy16]. **theorem**
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SZ12a, WFL11a, WHS12, Zha11d, ZZG19].

theorems
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Ber12, CsH10, CB11b, ÇT11a, ÇHK11,
Cha11b, CSW11b, CS10c, ĆSCD11, ET12,
GDZ11, HLS11, HRMS12, KPR10, Kar10a,
KT11a, KL12a, KK10b, KT11b, Lee11a,
LjHO10, LFJ11, LC11b, LSJ12, LZ12b,
LT11, MZLF10, NS11, NP12, PRR10, Pop11,
RI12, She11, SCK11, XL10, YBC11, ZRC11,
ZC10, ZQ11b, ZLL11, sHC11]. **Theoretical**
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Sag10, TC18, XLF12, YWL$^+$11a, ZWL11,
ZC11b]. **Theories**
[Pov12b, BC15, BKK12, KM13, WW11b].
Theory [BCF10, DGL12, GW12a, GSPK15,
GTG11, JMST11, KKK12, VBCJ10,
ZSHL11, AA11, ABFGZ11, AHF10, AH11b,
ATH18, BMS13, ÇE10a, ÇE10b, CG15,
Col18, CDM10, CFB11, DD19b, EAEH18,
FG18, GF16, GMS15, GH10, JZ11, JLP10a,
JK11c, KBDC12, KHF$^+$19, KKK16, LCW12,
Li11a, LLH10, LJJ17, LS10d, MTN19, MT11,
MJWD19, PC11a, PW11, Pov19, SKPW14,
SS13, WZF12b, WZF16, WZWS11, WWH12,
Yao10, YZMA18, gZnZpZbD12, ZYZ$^+$16,
ZYZC18, ZW11c]. **theory-based** [LLH10].
Thermal [ATH19, HLT12, LLML10,
OAKR16, RYK13, SM19, AML$^+$14, BKE18,
BSK11, BK15, BHH16, CNH17, CJ18b,
DZW$^+$15, DVY14, GSI19, GIMZ14, HKS19b,
Hei10b, HNPS13, JMDA13, JLD19, JFS14,
JFS20, KWFY11, Kia18, KHF$^+$19, KÖC$^+$18,
LWC13, MM18a, MS10c, Pal13, PZL$^+$18,
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thermal-acoustic [BK15]. **thermally**
[HSK11]. **thermistor** [AT18b, AT19].
Thermo [HAESLB14, BCSCB$^+$15, FG18,
GR10, GF16, HLNZ19, NH15, SSIP19,
SCBCB$^+$13, SCBCB$^+$17, WY15, YWH14].
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Timoshenko-like [BMAR18]. **tin** [BO18b].
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TLA [ZMG10]. **Toda** [SR17a]. **Toeplitz**
[BDS15, JKS12, JSEM13, JJ13, JYL16,
JL17b, JL17a, LZ17, LWQZ18, WLW16,
WLW17]. **Tokamak** [NKM16, NKM15].
tolerable [Pop13]. **tolerance** [PA15].
tolerant [ĆCM10, ZPS⁺12]. **Tomography**
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DRT⁺15, GZR⁺13, GR19b, GKS17, HKS19b,
LLG⁺11]. **tool** [BBR10b, JPP12, WCB13].
toolbox [JRA⁺18, RAW⁺16, FRAK15].
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[WYY11]. **top-down** [LLSW10]. **topic**
[xLlFwWL12]. **topography**
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LGL⁺14, PH13, PM10, SSM12,
VHPVNXW18, Yoo17, gZnZpZbD12].
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[CLA19, LFAL19, QLT⁺18]. **Tortorelli**
[MPS18]. **torus** [JQSS12]. **Total** [ASSV18,
CLM11, YZM⁺19, AA10c, GKS17, LYLX11,
LX15b, Liu16e, RZL11, YY10c, Zha19b].
Towered [YT11]. **Toxicity**
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toxin-determined [ZL14a]. **trace**

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TraceMIN [KSS13]. **Tracer** [LPLR19].
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SKTD13, WL12a]. **trajectory** [HW11].
transaction
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[PLMS14]. **Transdermal** [FdOP17].
transfer [BJRF19, BHZJ19, BB15, EA10,
EUTS18, GRS18, GD10b, GK18, HLSN15,
Ima17, KB10a, LZZ11a, LZP⁺19, MSV18,
MC10a, MM18a, MS10c, NPR10, OP14,
Pal13, PCO16, PvdM13, PB11, RJGS⁺19,
Sah11, SL12, SRRP18, UKA15, YL18a,
ZYT⁺16, ZJB19, ZWG11]. **transfers**
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BG10c, BM13b, DB10, GZ14, Gup11, Hol11,
ILP⁺11, KK11a, KRCJ11, KW11, LWQZ18,
LZS12, MZC17, MZM19, NDT11,
OBAAD10, Ost11, Rah11a, Sat11, TS11a].
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CZ15, DD10, EM19, LS16, LM19a, Liu11a,
LSX13, MR17, SMK18, SSIP19, SI17,
WY11a, WF17, WW18a, Wei10b].
Transformations [Din10, LWL11,
EAAED10, EAA10, Gal10c, Gal10d, KK17,
KTK18, Lam12, zLYmL18, SB19, WF18].
Transforms [Ehr18, KLMV12, RS12a].
Transient [BDGBM12, MC10b, BDGS13,
BGRV15, BPS18, BJPT16, DLS14, FXCC18,
GRS18, Ima17, MC10a, QWL19, WCH13].
transients [TMSO12]. **transit** [ZNWG11].
Transition [Liu16b, GSD⁺19, LZ12c].
transitional [Özd18]. **Transitive** [BS11a].
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[JKZ11, NWZ11]. **translational/rotational**

FKC12, FL13a, FLWJ11, GLLC19, GVSP12, Gep16, GHT⁺15, GTL16, Git14, GMI11, GMAM12, GGR19, GHCZ18, HTGSH13, HH18b, HKI12, Haz11, HJ13, HGJP19, HJD15, HMM12, HA18b, HYS⁺14, HH10a, HD19, HPY10, IK12, JKB11, JKK12, JK11a, JCWZ16, KAG11, KRCJ11, KMS19, KW11, KSMT11, KPP13, KW14a]. **using** [KMS15, KL16b, KHF⁺19, KVR11, KSMN11, KKK16, KK17, KW12, KORR10, LGHR16, LS10a, LMR19, Laz10, LDS10, LKLP12, LL12a, LKK12, LPLR19, LSW16, LLW10, LK11, LS11b, LZZC12, LY15, LS16, LW17, LYY12, LL12c, Lin14, LLG10, LGH⁺11, LTL⁺12, LX15b, LZJY16, LCLL18, LvS15, Lu11, Lup11, MAN⁺15, MCKM12, MPY16, MNJ⁺13, MNPD15, MG11, MD15, MBKK10, MN10a, MM19, MAK12, NKM15, NH15, NGG12, OHK⁺19, ODAZ15, PC14, Pap15, PZJ⁺16, PZAR19, PJ17, PT15, PM10, PDHL12, QLT⁺18, QWGJ15, RMS10, RMA10, RSL⁺18, RES10, RIW12, Ray18, RSB14, RMS12, RG11, RCG15, RR11, ST15, SH11, SS11a, Sea11, SL18b, ST18, SSM12, Sin16, SL16c, SSP13, SM19, Ste16, SW10, TR14, TMMASG10, TTT10, TY13, TBP19, VP11, VMO10, VBK13, WJ11, WAG⁺14, WLA18, WKBR18, WY15, WO10, WTC⁺12]. **using** [WCW13, WL17b, XFL16, XY14, XLZW11, XXG10, YYK16, Yan12a, YWHC11, YMDZ10, YASK10, yYsZyYL13, YW11b, YLLN16, YK17, ZHB11, ZM14, ZTR11, ZSAN18, ZSAN19, ZW11a, ZS11b, Zha18d, ZL13, ZPGW16]. **utility** [KC12]. **Utilization** [SZDO10]. **utilizing** [QXLL11, ZZHF12]. **Uzawa** [CM16b, FP18, LM18b, Yun13]. **Uzawa-type** [FP18].

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Vandermonde [Res16]. **vanilla** [SL16b].
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variability [RS12b]. **Variable**
[KK13a, WN18, AJRWS12, BB10a, BZ18,
CL17a, CTSX16, CLTA11, CLB14, Dem10a,
Dem10b, Ebr11, ES17, ES18, EA10,
EUTS18, FZL⁺18, FRZ15, Gal10c, GK11a,
HH18a, HP17, HHGA19, IMS19, JL18,
KSZ18, KÖ10, KWFY11, KYR15, Lam12,
LY11b, LCS15, LLML15, LWL11, LYY12,
LN19, LZ19c, zLYLQ19, LXYT11, MDW11,
Mac12a, MCB10, MC10a, MA10b, MCR11,
MHHC18, MM18a, MAST18, MV11, MM18d,
NLA19, NCV⁺18, Osm18, RS14b, RA19,
SD10b, SYG11, SZA⁺18, Sha18, SNDK18,
SRG16, VMFF18, WW18a, WLZ⁺18a,
WZC⁺19a, WLXZ18, Wu16, WTLS18, XZ18,
YTC⁺18, ZYG10, ZLPM13, ZDLC14,
ZZLB18, ZWH⁺19, ZW11d, ZY15c].
Variable-coefficient
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LWL11, WLXZ18, WTLS18, YTC⁺18].
variable-exponent [MAST18, Sha18].
variable-order
[BZ18, CLTA11, CLB14, HHGA19, JL18].
variables [ABFGZ11, CTM⁺13, FLDZ12,
LLZ11, LL13, Liu10, MRR11, Nie10, RÖ10,
Sun11, TMSO12, XZL10]. **variably** [DM15].
variance [BKM11, HZ18, JMNZ19, LS11c,
MDW13, WLHZ14]. **variance-reduced**
[MDW13]. **variant**
[IK12, KG11, LHY18, LZ17, LBJ10, SS18a,
SJHC14, WSL10, Zha19b]. **Variants**
[EGSHR10, LZ18b, Yun13, FL13a, LZ16b].
variation [GKS17, KS11, LX15b, Liu16e,
TD10a, Wei10a, YZM⁺19, Zha19b].
Variational [Agr10, AMA14, Auc18, CTS19,
DRD12, EK16, Elb15, GH15, Kar18, LCZ11,
Naw11, PTP14, PMA17, SEY12, YMDZ10,
YYYH19, Aba10b, AM14a, ABCR10, AT11,
Ant14, BL10, BLS18, BHM19, Bar17,
BMM12b, BPG10, BKY10, BXKZ11, BX14,

BS15c, CB11a, CB11b, CB11c, CY14a,
CGY10a, CKW13, CW10b, CC11, CW14,
CAP10, CT10a, CMT12, DSZ18, DWS19,
Els10, Far11, Gen10, Gen11b, GALO18,
HSWZ11, HZ11, HR15, JJC11, JPS10,
KA10a, KFYW11, KTA12, KH18, LGHR16,
LKS10, Lu11, Mai16, MT10, MT11, MT12,
Mat19, NLA19, NZ14, NUNAS11, NN12,
eOS18, PN10, Ped18, QL10, QZM17b, QM19,
RGdSRLAJ10, Sea11, She11, She12, SMH18,
SS10, UCK16, WD10, cW11, qXjH11,
XJLX10, YXS10, YC11, YX11b, YLK10,
YDL11, Yua18, ZCW15, Zha11a, ZLLF12,
ZHZ14, ZLW18, ZLWL11, ZY10b, ZW11d].
variational [dCM12].
variational-hemivariational
[BHM19, SMH18]. **variational-like**
[RGdSRLAJ10]. **variational-type** [JPS10].
variations
[FXCC18, NUH12, OMT12, PAT13].
various
[BC15, BK16, KC11, LBZL11, SCV10].
varying [BO10, BBO10, CRG16, CBB15,
DVMS13, DHGF17, HW19a, HGW11,
KLP17, KMT10, LZ12c, OÖ11, SMC10, SI10,
WYN12, WS12, WZG19, WCCS15, Xia11].
vcBK [ZZ11b]. **Vector**
[AHHM19, AH11b, BOY12, CEF⁺13, CLF10,
CLW11, DGGBTRJF12, GAVOF11, HLY12b,
JPS10, JWX⁺13, Kha10, LZ11b, LSJ12,
LW12c, LLZ12, Mar12, OVV⁺16, PT11,
RH15, SW11, TJQS13, yZjH12, ZQ14b].
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[AHHM19]. **vectorial** [RGdSRLAJ10].
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[GAVOF11, JW10, RS14a]. **vegetation**
[RB19]. **vehicle**
[GWR⁺18, KPL11, LLWZ11, RT11].
vehicular [CHY12]. **veins** [MAN⁺15].
velocimetry [RMB⁺14]. **velocities**
[Gal10b, Gal10c]. **Velocity**
[GSZ11, BMJ10, BS18b, CT10b, De 10, Fer12,
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Anonymous:2018:EBal

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Anonymous:2018:EBam

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Anonymous:2018:EBan

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Anonymous:2018:EBao

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Anonymous:2018:EBap

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Anonymous:2018:EBaq

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Anonymous:2018:EBar

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Anonymous:2018:EBas

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Anonymous:2018:EBat

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Anonymous:2018:EBau

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Anonymous:2018:EBaw

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