A Complete Bibliography of Publications in *SIAM Journal on Mathematical Analysis* for 2020–2029

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17 October 2023
Version 1.09

Title word cross-reference

1 [YY22]. $1/3 < K < 1/2$ [Oli21]. 2 [Bob20, Cai23, CW22, FMN21, IPTT22, JWX22, LWZ21a, LXZ23, Ma22, Zha23]. $2 + 1$ [DM22]. 3 [DGWZ23, HL23a, HJLZ21, LWZ23, LX23, MRR20, SH22, WJW22, WYZ23, WW23, ZZZ22a]. 8π [GH21a]. $^\circ$ [AM22]. α [BIFL20]. $\alpha \to 0$ [BIFL20]. b [LP22]. BD [CFV20]. BV [GJ21]. BV^s [BCGJ22]. C^2 [GJ21]. d [Chi22]. $d \geq 1$ [KNP21]. $\epsilon \in [1, 2]$ [DK23]. g [Ran23]. Γ [BK23b, FMP22, MPC22, MW23]. $\gamma = 3$ [Gol23]. $\gamma^2 > 1/4$ [ZZ23]. $H(p)$ [MPZ22]. H^k_n [Den20]. L^1 [GHW21]. L^2 [BGK21, Dod21, JMQ23]. L^∞ [PW21]. L^p [CY21a, Har20]. L^r [Xia20]. $L^p_v L^\infty_T L^\infty_x$ [Li22b]. m [LZ20, MS21]. $\mathbf{R}$ [BCFP23, DM20a]. $\mathbf{R}^{1+3}$ [Tes20]. $\mathbf{R}^2$ [HY22a, NS20b]. $\mathbf{R}^3$ [BMM22, CDLZ21, Kat20, MB20]. $\mathbf{R}^3_+$ [Wan23]. $\mathbf{R}^d$ [BK23a, CLLZ23, FMS21]. $\mathbf{R}^n$ [JM23, MS21]. $\mathbf{R} \times \mathbf{T}^3$ [YYZ21]. $\mathcal{A}$ [KV21]. N [PZ23]. p [EIN22, Lia22, NP20]. $P1$ [Wan21]. $p = K\rho$ [Oli21]. Q [LW20a]. R^n [Fos21]. SU(3) [WZ20b]. ε [DW20]. $|k|$ [KSS23].

-Approximation [Wan21]. **-bounds** [PW21]. **-Convergence** [FMP22, GHW21, MPC22, MW23]. **-Convex** [LZ20]. **-Convexity** [Ran23]. **-Critical-Mass** [GH21a]. **-D** [LX23, YY22, HL23a, HJLZ21]. **-Dimensional** [LXZ23, SH22, PZ23].

-Elastic [NP20]. **-Euler** [BIFL20]. **-Family** [LP22]. **-Laplace** [Wic23]. **-Laplace-Type** [EIN22]. **-Laplacian** [Lia22]. **-Limit** [BK23b]. **-Plane** [Chi22]. **-Quasiconvexity** [KV21]. **-Regularity** [DW20]. **-spaces** [CY21a]. **-Tensor** [MS21, LW20a]. **-Torus** [FMN21]. **-Vector** [BGK21].

1 [DN22, WZ20b].

3 [Cia20]. **3D** [LPS22]. **3dimensional** [WO22].

above [Dod21]. **Absolute** [MPZ22]. **Absorption** [CGU23, RZ21, SZ22]. **Acceleration** [AMMT22]. **Accretions** [Liu23]. **Accumulation** [CRS21]. **Accurate** [GLS23]. **Acoustic** [EFHS21, EI20, MS23b]. **Acoustics** [KN22, UZ23]. **Action** [DGMP20]. **Activation** [LSW23]. **Activations** [JLL+23]. **Active** [BBES22, HW22a]. **Adjacent** [AKKY23]. **Adjoint** [AT20]. **Adler** [AHLW21, LW20b]. **Admissible** [AW21, AKK+20, FG22]. **Advection** [FMTY21, IV22, KW23, LLPZ21]. **Adverse** [WZ20a]. **Age** [FS22, PR20]. **Age-** [FS22]. **Age-Structured** [PR20]. **Aggregation** [Shu21]. **Aggregation-Diffusion** [Shu21]. **Airy** [HZ22b, Nem21]. **Alarm** [JWW23]. **Alarm-Taxis** [JWW23]. **Alfvén** [RWZ21]. **Algorithm** [EN22]. **Alignment** [Lea23]. **All-time** [Ou21]. **Allee** [KW23]. **Allen** [AF23, AM22, BV20b, FLS20, HL23b, HMNW20, MMN23]. **Allied** [ND20]. **Alloys** [Sim21]. **Almost** [LX23, Mar22, MP20b, MP21b, PS23a, RS20a]. **Along** [BBD+23]. **Amalgam** [BT21]. **Ambrosio** [BCR21]. **Ampère** [TT22]. **Amplitude** [Li22b, LG21, Sin21]. **Analysis** [ALV23, ACL22, BK20a, BMR20, CJL21, CWSGS20, CCM21, CC23, Chi22, DLL20, DN20, DL21, DJ20, EOE20, FHKM22, HJJ20, HXH22, Kat20, Kat23, LZ20, LXZ23, LZ23b, MPV23, MS20c, MS23b, NS21b, TW22a, vM22]. **Analytic** [FMMS22, MS20a, Ngu20, Wan20]. **Analytical** [ED22]. **Analyticity** [DZZ23, KN23]. **Anderson** [HY21, KNP21]. **Angle** [AB20, AM22, MPMS23, MW20, RS20a]. **Anisotropic** [CCM21, CC23, HL23a, Kim21, LWZ21a, LZ22, LLX21, RZZ21, Yan21a]. **Anomalous** [CDX21, CL21c]. **Ansatz** [DLX21]. **Anti** [Hog21]. **Anti-Plane** [Hog21]. **Any** [KS21, WdlL20]. **Appearing** [Tet22]. **Appendix** [GG20]. **Application** [AB21, ACC+21, ACC+23, GLSW23, MRB22, VY23]. **Applications** [ARS21, BLPS22, BCFP23, CDLZ21, CNW20, CWSGS20, DMS22c, JL21, KN22, KPS20, KV21, KV20, Ran23, WWZ23a]. **Applied** [Kim21]. **Approach** [AK23, BF23, CL20, CS23, DG23, GK20, HH23, HL23b, JKZ21, Jin20, RS23b, SW22c, SUT22]. **Approaches** [LXZ23]. **Approximate** [Zha21]. **Approximation** [BP20, BJ23, BNP22, Cia20, FHM20, FOS20, JJL21, JLL+23, KN22, LSYZ21, Ros20, Wan21, WW22]. **Approximations** [BDMA22, GMŚ21b, KvM21, XC22]. **Arbitrary** [DL22b]. **Area** [DLW22]. **Arising** [BK23b, DR20a, Jui20, LSW23, LNRV21, UZ23, Wan21]. **Arnold** [KT22a]. **Aspects** [Sim21]. **Assimilation** [BP21]. **Associated** [CH21b, Eit22]. **Assumption** [LY21]. **Astrophysics** [Liu23]. **Asymptotic** [AS21, CM23b, CL21b, CHXZ21, DN20, DR20b, EK20, GLW23, GR23, GLM20, GBS20, GM20b, GOW20, GLP23, JZZ22, KMY20, LPW22, ND20, Pan23, PR20, YZ21, ZZ21a]. **Asymptotically** [IKL20, WKM23]. **Asymptotics** [ANWS22, GRHSZ20, HZ22b, Li20, LPW21, LLS20, LLPZ21, OP20]. **Atomistic** [ALP21a]. **Attractors** [WKM23]. **Aurora** [FMN21]. **Automata** [Pro20]. **Autonomous** [CDG23, WKM23]. **Autophagy** [LX21]. **Average** [DLW22]. **Averaging** [BDOZ21, CL23, Gao21, HNS20,

KLSZ22, Zhu21]. **Axially** [DW21]. **Axisymmetric** [Boc20, Hu22, LX23, WXX21].

B [LLW21]. **Back** [WZ20a]. **Background** [BLW20, FP20, LWZ21a, Zha23]. **Backward** [ACC+21, ACC+23, CFS22, LZ23b, WJW22]. **Balance** [CL21c, DR20b]. **Balanced** [CR21]. **Ball** [FS20]. **Banach** [Kor22]. **Bandlimited** [GIT20]. **Barenblatt** [GHW21]. **Barotropic** [GMN22, HKK23, HL22a]. **Barrier** [vM22]. **Barron** [CLLZ23]. **Barycenters** [CEK21, FMS21]. **Based** [ABR22, CDGH20, CHQ22, FLS20, HL20a, IMS22, LWZZ22, ST20a]. **Basic** [ZZ21a]. **Basis** [EB23]. **Bathtub** [MRB22]. **Beam** [BP20, CDG23]. **Behavior** [CL21b, DS22, DG20, FS22, GLW23, GLM20, GM20b, GOW20, GLP23, HKK23, JLN23, KSS23, Lea23, LLW20, LM21, MB20, MPS21, Pan21, Pan23, PW21, PR20, RWZ21, WZZ20, XC22, ZZ21a]. **Bellman** [GMŚ21b, JMQ23]. **Bence** [BV20b]. **Benjamin** [Gas23, HZ22a]. **Benney** [MS20b]. **Bernoulli** [CF20]. **Besov** [DK23]. **Between** [AKKY23, JR21, TW23]. **BGK** [BY20, BKPY23, HRY22]. **Bidomain** [HHS23, MMN23]. **Bifluid** [KKNN22]. **Bifurcation** [CM22, Var20]. **Bifurcations** [ADVW20]. **Biharmonic** [Yan21a]. **Bilaplacian** [BK22]. **Bilinear** [MRB22]. **Bimolecular** [LLN20]. **Biot** [HS23]. **Bistable** [KMY20, KM23]. **Bitemperature** [ADBP21]. **Blaschke** [FL21]. **Blow** [AB20, Bar23, BCJ20, He23, HJ11, HR23, KLS23, KS21, LZ20]. **Blow-Up** [Bar23, BCJ20, He23, HJ11, HR23, KLS23, KS21, LZ20, AB20]. **Blowup** [DK23, IMO20, LS21a, LXZ23, LY23, Miz20]. **Blowups** [Liu23]. **Bodies** [NS20b]. **Body** [BNSS23, Eit22]. **Bogolyubov** [CL23]. **Boltzmann** [AMP22, AL23, Che22, Den20, Den21, Eva21, Ger23, GZW21, HLlZ23, HW22b, HW22c, HY21, IMS20, Jia20b, LUY21, Li22b, LW23a, LLW20, WWZ21, WO22]. **Bose** [CJL21, CH21b, GLP23]. **Both** [Fue20]. **Bound** [Cai23, Chu23, FSW22]. **Boundaries** [CLWX20, CDF+22, ELM21]. **Boundary** [AC21, AM22, ACL22, AB21, ANPS21, ABFV22, BK20a, BGMW20, BPSS22, BK22, BIFL20, CYY23, CK23b, CHS22, CCS22, Che22, CMZZ22, CLMZ23, CDL22, CFS22, CF20, DS21a, DMS22b, DLX21, DW20, DN22, EFHS21, GR23, GK20, GZ20a, GHM22, Gin21, GV21, GBS20, GZ22, HdRS20, HXH22, HSV20, HSV21, HC21, HW22c, IKL20, JK22, KL21, KMY20, Kil22, KUW21, KKNN22, Kre21, KL22, LZ20, LPW21, LWZ21b, LY21, LXZ23, Liu23, LY23, LNRV21, LZ21, MW23, Ngu20, OP20, Ou21, Ric23, SSZ20, SH22, SZ22, SUT22, ST21, TWZ20, UZ23, VY23, WZ20a, Wan20, WWZ23b, XX23a, Yan21a, ZRW22, vM22]. **Boundary-Layer** [vM22]. **Boundaryless** [dN23]. **Bounded** [CJ21, CDN21, GK22, Ger21, HY21, LY23, Mar22, MW23, Mou20, OY22]. **Boundedness** [CMT21]. **Bounds** [CWSGS20, CFS23, Don22, IMS20, IV22, Sne20, PW21]. **Boussinesq** [CMX22, CGS23, DST20, LOWX20, SX20a, ZZ23, Zil23]. **Brakke** [Tak21]. **Branching** [Sim21]. **Break** [JLL+23]. **Breakage** [GL21]. **Breakdown** [Gin21]. **Breaking** [SW22b]. **Broadening** [Hog21]. **Brödinger** [Bar20]. **Brownian** [BBES22]. **Bubbles** [AFH+20]. **Bubbling** [WZ20b]. **Bulk** [BBC20]. **Burgers** [DGWZ23, KV20, Yan21b]. **BV** [KMW20]. **BV-Continuous** [KMW20].

Cahn [AM22, AF23, BV20b, CFS22, CMM20, FLS20, GK20, GLRS22, HL23b, HMNW20, MMN23, RW23, SW20a]. **Calcium** [EOE20]. **Calculus** [GLSW23].

Calderón [Cov22, Har23, KLW22b, LLR20, LS20, Rül21]. **Camassa** [LP22, MP21a]. **Canards** [ADVW20]. **Cancer** [DL22a]. **Capillarity** [BH22b, CL21b, LZ23a]. **Capillary** [DS21b, IPTT22, LZ23a]. **Capture** [FJ22]. **Caputo** [TR20]. **Carleman** [IY20]. **Carpet** [ALV23]. **Case** [Boc20, GMS21c, GLM20, JM23, JR21, Jui20, KT22a, LXZ23, Mou20, RW23]. **Casimir** [AK23]. **Category** [CT23]. **Cauchy** [BDMA22, CH21b, GM20a, HL22a, LLW21, PZ23]. **Cavitation** [MS23b]. **Cavity** [Kwe23]. **Cell** [CMM20, LNRV21]. **Cells** [CCS23]. **Center** [NK21]. **Central** [LSW23]. **Cercignani** [Che22]. **Certain** [DK23, DS21a, Ste20]. **Chains** [AKV20, Zil23]. **Channels** [DW21]. **Chaos** [LLN20]. **Character** [KZ21b]. **Characterization** [BGK21, CEK21]. **Charged** [DMS22a]. **Charges** [HY22a]. **Chemical** [LLN20]. **Chemotaxis** [CBHS23, He23, KS21, LS21a, LPW21, NP23, DL22b]. **Chemotaxis-Fluid** [He23]. **Chemotaxis-Navier** [DL22b]. **Choquard** [YCRS22]. **Christian** [GG20]. **Circle** [GNNCR20]. **Circular** [AKKY23, Dai21a]. **Circulation** [Ma22]. **Class** [ALP21a, BT23, BCGJ22, CT23, Dai21b, FMW23, JLL$^+$23, KL21, LW23b, Saf20, SW20a, Wan22]. **Classical** [ALM23, DLY21, HL22a, LY23, Mou20, Ou21, Per20]. **Classification** [BMR20, DLQ21, DQ23, Pen23]. **Cloaking** [BLPS22, Ngu22]. **Close** [AM22, MPMS23]. **Closure** [DS23]. **Clouds** [CTL22, Liu23]. **CLT** [CEK21, KNP21]. **Coarse** [HNS20]. **Coefficient** [BH22b, KM20, KSS23, LLS20]. **Coefficients** [BR23, CL23, CDX22, Cia20, HL23a, KRS21, Mou20, Pin21, RZ21, WZ22, Xia20, XX23b, Zhu21]. **Coercive** [RS20b]. **Cohesive** [NS21a]. **Coils** [GRR23]. **Collaboration** [GG20]. **Collapse** [HY22b]. **Collective** [BDMA22, NP23]. **Collision** [DW21, GL21, Jia20b, LUY21]. **Collision-Induced** [GL21]. **Colloidal** [DR20a]. **Combined** [DM20b, HSV21, PS22]. **Combined-Type** [HSV21]. **Combustion** [HK23]. **Coming** [Rös21]. **Communities** [CL21a]. **Compact** [AW21, Com22]. **Compactness** [ARS21]. **Compatibility** [KL22]. **Complementary** [Ngu22]. **Complementing** [FN23]. **Completeness** [FN23]. **Complex** [BK20a, BD22, CNW20, CEW21, CCM21, DCWF$^+$22, Gao21, GH21b, SS22b, Xia20]. **Complex-Scaled** [DCWF$^+$22]. **Component** [BKPY23, YL22]. **Composite** [HKK23, YY22]. **Composites** [Bel22]. **Compressible** [AW21, BFHZ22, CCW23, CLZ22, CL22a, CLWX20, CL21b, CCZ21, CHS22, CDS20, GHW21, Ger21, HR23, HL22a, JM23, JJL21, KKNN22, Kwe23, LS21b, LS23c, LLW21, LY23, MS20d, Ou21, PZ23, RvW20, TW22b, TW23, WZ22, Wan23, WYZ23, WW23, YZ21, YY22, ZZZ22a, ZLZ20, ZZZ22b, Zho22]. **Concatenation** [Bob23]. **Concave** [Jui20]. **Concentration** [AKKY23, BF23, Li20]. **Concentric** [CKW20]. **Concentric-Ring** [CKW20]. **Concerning** [VX21]. **Condensate** [CJL21, CH21b]. **Condensates** [GLP23]. **Condition** [AM22, CFS22, EYZ22, GZ22, JK22, KNP21, Kre21, LWZ21b, Rös21, TWZ20]. **Conditions** [AB21, BK20a, BFLP21, BK22, BIFL20, CY21a, EFHS21, FN23, GK20, GHM22, HSV21, HW22c, LY22, MW23, Ngu20, OP20, Ric23, ZRW22]. **Conducting** [BNSS23, BMPS21, DLX21, LZZ21, Wan23]. **Conductive** [EB23]. **Conductivity** [ABFV22, BFV21, CL22a, CNW20, FFV20, Li20, PZ23]. **Conduit** [JP20]. **Cone** [Yos21]. **Cones** [CKZ21]. **Configurations** [ACC22]. **Confined** [CKP$^+$22]. **Confinement** [Laf20]. **Conformally** [DQ23]. **Congestion** [RS23a]. **Conical** [CKZ21, LS23a]. **Conjectures** [Nem21]. **Connection** [Tet22]. **Connections** [HNS20]. **Conormal** [CDL22]. **Consensus** [BST22, CHQ22].

Consensus-Based [CHQ22]. **Conservation** [CKP20, DMS22c, FP20, GJ21, GK21b, HL22b, JR20, KV20, LZ23b, Pan20, RS23a, Yua23]. **Conservative** [GLW22, GLW23]. **Conserved** [HMNW20]. **Constant** [GIT20, HL23b, KL22, MPMS23, Mon20]. **Constrained** [KV21, MW20]. **Constraint** [ABHN21, CFS21, KTT20]. **Constraints** [AMMT22]. **Construction** [HL22b, Kil22]. **Contact** [AB20, AM22, MP20b, MW20, YZ21]. **Container** [Web20]. **Content** [Li22a]. **Continuation** [KMW20]. **Continued** [HY22b]. **Continuity** [Lia22]. **Continuous** [BP21, CCZ21, NS21b, SW22a, KMW20]. **Continuum** [BBC20, CL21d, CC22, KvM21]. **Contrast** [Bel22]. **Control** [AMMT22, FMTY21, MRB22, Web20]. **Controlled** [RS20a]. **Controls** [LT22]. **Convection** [BEM21, CGG20, ZRW22]. **Convection-Diffusion** [BEM21]. **Convective** [RW23]. **Convergence** [AM22, BMZ23, Bla23, BST22, CC22, DL21, Dod21, EN22, FHM20, FFV21, FLS20, FMP22, FW21, GMN22, GHW21, Ger23, HL23b, IM21a, JQSY21, LT22, MWX23, MPC22, MW23, Ric23, RW23, Saf20, SAB21, Wan23, WWZ23b, MPC22]. **Convex** [BDN22, BGL23, Che22, EIN22, Har23, HL21, LZ20, NS20b, PX22, WO22]. **Convexity** [BDD+20, CJL21, GKLP21, Ran23]. **Corner** [MW20]. **Cornered** [PX22]. **Corotational** [DS23]. **Correlated** [BNP22]. **Corresponding** [CKP20]. **Corrigendum** [BCJ20]. **Cosmology** [BLPS22]. **Cost** [BGL23]. **Costs** [PVJ21]. **Couette** [ZZZ22a, ZZ23]. **Coulomb** [CFS21, HLlZ23, MMR+23]. **Coupled** [BMZ23, CR21, DGB23, EOE20, JZZ22, Win20]. **Coupling** [ABR22, HJJ20]. **Couplings** [DM22]. **Crack** [MM23]. **Criteria** [DW20]. **Criterion** [AB20, Miz20]. **Critical** [AS21, BSW23, CHL23, DK23, Dod21, GLM20, GH21a, KT20, Ngu20, TT22, Tio23, Var20, Wan22, WZ20b, YZZ22, YCRS22, FX21]. **Cross** [DJ20, HJ11, TW22a, BCJ20]. **Cross-Diffusion** [DJ20]. **Cross-Diffusive** [TW22a]. **Crossing** [KMV21]. **Crystal** [GHL22, HJLZ21]. **Crystalline** [FFV21, KP21]. **Crystals** [Kim21, RS21]. **Cubic** [KMV21, LLS20, SW20b, Tes20, YYZ21, ZZ21b]. **Cubic-Quintic** [KMV21]. **Curl** [GMS23, KbP21]. **Current** [FFV20, LM20]. **Curse** [JLL+23]. **Curvature** [AM22, ACL22, FLS20, KL22, Mon20, Tak21]. **Curvatures** [BL21, IM21a]. **Curve** [AB20, MB20]. **Curved** [BBD+23, FGW21]. **Curves** [DK21c, LL21, PS23a]. **Cut** [FFV21]. **Cutoff** [IMS20, Den20, Den21]. **Cyclic** [PVJ21]. **Cylinder** [CGZ20, Dun21, GK23, GWX21, Ma22, Nem21, Zha21]. **Cylinders** [AKKY23]. **Cylindrical** [WWZ23b]. **Cylindrically** [GMS23].

D [JWX22, LX23, YY22, Bob20, Cai23, CW22, DGWZ23, HL23a, HJLZ21, IPTT22, LWZ21a, LWZ23, Ma22, MRR20, WJW22, WYZ23, WW23, ZZZ22a, Zha23]. **Daido** [HJJ20]. **Damage** [BEMZ23, CR21]. **Damped** [AS20, GG20, HH21, JWX22, Kof23, MMSH21]. **Damping** [AS20, BMM22, CCZ22, GLM20, GHW21, JM23, Jia20a, JJZ22, JK22]. **Darcy** [GLRS22, GBS20]. **Data** [ANPS21, BKS23, BP21, BPSS22, BIFL20, CTL22, CLZ22, CGU23, CCZ22, CHS22, DM20a, DH21, FMN21, Ger23, GM20b, GNR22, HW22b, HJLZ21, HL22a, HL22b, IM21b, JR20, Kat20, KR21, KKNN22, LS23b, Mar22, Ngu20, Ngu22, OY22, RZ20, Tes20, Wan20, WZ23]. **Davey** [EGN22, KSS23]. **DB** [Kre21]. **Decay** [CLYaY23, JM23, Kof23, LS23c, LLS20, Pan20, Wan21]. **Decaying** [HW22b]. **Deck**

[DGV22]. **Decomposition** [BGK21, CDLLSG20]. **Decompositions** [GLSW23]. **Decreases** [dN23]. **Deep** [JLL+23, LSYZ21]. **Defects** [GHL22]. **Deficient** [DS22]. **Defocusing** [CGZ20, LL22, ZZ21b]. **Degenerate** [BDGdN22, BMZ23, BH22b, CLZ22, CLMZ23, DS21a, EOE20, EMT20, EM22, HS23, HWZ22, JLN23, Tio23]. **Degenerated** [CY22]. **Degradation** [DL22b]. **Degree** [NS21b]. **Delay** [BK20b, BFLP21, DG20, HXH22, LWC22, MMSH21, RH20, YGD21]. **Delayed** [ADVW20, PR20]. **Delta** [KNP21]. **Denoising** [IM21a]. **Density** [BH22b, CL21b, LN20, LZZ21, LM20, Sin21]. **Density-dependent** [CL21b, LZZ21]. **Dependence** [FP20]. **Dependent** [BK20b, BR23, CL22a, CCFO21, GLM20, GHW21, JM23, JKZ21, KMW20, KRS21, MP20b, RR20, SCB17, Tet22, YGD21, Zho22, CL21b, Li21, LZZ21, SCB20]. **Depending** [MPC22, WZ22]. **Deposition** [RW23]. **Depth** [DS21b, IPTT22]. **Derivation** [ALP21a, AMP22, Eme21, GMS21c, LP20]. **Derivative** [Ger21]. **Describing** [CDG23, KT22b]. **Description** [MS21]. **Design** [EB23]. **Desingularization** [CWZ20]. **Destabilizing** [dN23]. **Destination** [DMS22c]. **Destruction** [RWZ21]. **Determination** [ABFV22, BK21, BFV21, RZ21, RSS21]. **Determined** [KRS21]. **Deterministic** [AMMT22, RS23a]. **Developments** [Liu23]. **Deviation** [HLL21]. **Diagram** [FL21]. **Diameter** [ABHN21]. **Difference** [BCR21, BFLP21]. **Difference-Delay** [BFLP21]. **Different** [AF23]. **Differentiability** [EYZ22, Fos21]. **Differential** [BK20b, BGMW20, BBES22, CL20, CCS23, HNS20, NS21b, XC22, YGD21, BK23a]. **Differentiation** [KT22b]. **Diffraction** [CFHX20]. **Diffuse** [JK22]. **Diffusion** [AB20, ADK23, BMZ23, BEM21, Bob20, BCJ20, BMPS21, CKW20, CMT21, DM20a, DS22, DJ20, DN22, DG20, EOE20, EMT20, FHKM22, FMTY21, GR23, HSZ20, HH20, HJ11, HWZ22, IMS22, JJL21, KMY20, KLS23, KM20, KST23, LLN20, LLW21, LPW22, MV23, MSY23, RH20, Shu21, ST20a, TR20, Yam22, ZZ21a, dN23]. **Diffusion-Driven** [KLS23]. **Diffusive** [Bla23, GHM22, HT23, HW22c, PW21, TW22a]. **Diffusivity** [dN23]. **Dilute** [DS23, EFK20]. **Dimension** [BH22b, KL21, KNP21, KvM21, Pan23, Pro20]. **Dimensional** [ADL20, BLPS22, BFV21, BP21, BLW20, BCJ20, CW21, CWZ20, CMX22, CNW21, CKZ21, CLYaY23, CGZ20, CL22b, CKP+22, Dai21b, DS21b, Dod21, DN22, DM22, FOS20, GMŚ21b, GMS21c, GK22, GRR23, HJ11, HC21, Hu22, HK23, HL22a, IKL20, JR20, JJZ22, KS21, LS23a, LS21b, LXZ23, LZZ21, LLS20, MP20a, Mar22, Nov20, PX22, PZ23, SH22, Sun21, Wan20, WWZ21, WWZ23a, WXX21, Win20, XY21, Yam22, ZLZ20, ZZ21b, CLZ22, CHS22, DW20, GLY20, LG21, Ou21, WZ20a]. **Dimensionality** [JLL+23]. **Dimensions** [AKK+20, BST22, DK21b, FGW21, FMP22, GJ21, GL20, HTY21, LL22, MS20b, PL23]. **Dirac** [BY20, CHL23, DGR21, LWW20, SH22, Tes20]. **Directed** [GK23]. **Direction** [LWZ23]. **Directionally** [BDN22]. **Dirichlet** [BK20a, BK21, BFV21, BPSS22, CDL22, DMS22b, FL21, GZ22, Jin20, Li22a, RWZZ20, XX23b]. **Dirichlet-Conormal** [CDL22]. **Dirichlet-to** [BFV21]. **Dirichlet-to-Neumann** [BK21, XX23b]. **Discontinuous** [ANPS21, BH22b, CKKP20, FMTY21]. **Discrete** [AKV20, BBC20, CL21d, GKM20, Kat20, LY22, RH20]. **Discrete-to-Continuum** [BBC20]. **Discreteness** [CN21]. **Discretization**

[GMN22, Ste20]. **Discretizations** [BCR21]. **Disks** [Mon20]. **Dislocations** [FGW21, GMS21c]. **Disorder** [CT21]. **Dispersal** [CL21a]. **Dispersion** [CJL23, Eme21, Gas23]. **Dispersive** [BJ23, BP23, DST20, EGN22, SX20a, Zha22]. **Displacement** [DN20]. **Dissipation** [CL21c, CMT21, Del23, Den20, He23, Hol22, LWZ23, WdlL20]. **Dissipative** [BT23, CH21a, GK22]. **Distance** [DLW22, FP21, FMS21, SS20]. **Distribution** [BY20, LN20]. **Divergence** [Cio21, DM22, PS23a]. **Divergence-Free** [PS23a]. **Divergent** [Lai20, LS23a, WXX21, XY21]. **Diverging** [SS22b]. **DMO** [CDX22]. **Domain** [CW21, CK23a, CDLLSG20, Che22, HSV20, LWW20, MW20, MS23b, RRV22, SS22b, Sen23]. **Domains** [AKLM22, ABD22, ADL20, BGT22, BCDM21, EB23, GV21, Hal22, Har20, IM21a, JJZ22, Jin20, KTT20, Mar22, MW23, OP20, OY22, SH22, WKM23, WO22, Xia20]. **Dominated** [Liu23]. **Double** [DK21c, KZ21b, LN20, ZRW22]. **Double-Integral** [KZ21b]. **Double-Well** [LN20]. **Doubly** [JLN23, Ngu22]. **Drag** [ELM21]. **Drift** [BMZ23, BK23a, Chu23, KT20]. **Driven** [DJ20, KLS23, TW21]. **Drop** [EFK20, SAB21]. **Duct** [Lai20]. **Ducts** [GLY20]. **During** [KZ21b]. **Dyadic** [LW23b]. **Dynamic** [CFS22, ELM21, GR23, GK20, NS21a, Tet22]. **Dynamical** [HH23, JMQ23, WWZ23a]. **Dynamics** [BBD+23, BIL+23, BDMA22, CNW21, CDS20, CBHS23, DM20a, DK21a, GSS23, HZ22a, HWZ22, KV21, Kwe23, MMSH21, Mar22, MS20c, RH20, ST20a, ST20b, Tan21, YZZ22, ZZ21b].

Echo [Zil23]. **Echoes** [GNR22]. **Eckhaus** [HdRS20]. **Ecosystem** [HNNW23]. **Eddy** [FFV20]. **Edge** [BBD+23, CXZ22, Cia20, GV21]. **Edges** [DGMP20, Kat23]. **Effect** [CKP+22, EMT20, GJ21, KW23, LZ23a, dN23]. **Effective** [NS20a, SW22a]. **Eigenfunctions** [BL21, CDLZ21, FN23, GRHSZ20]. **Eigenproblem** [LS20]. **Eigenvalue** [FL21, LLPZ21, MPV23]. **Eigenvalues** [ABHN21, CN21, CRS21, CM20b, FN23, GMS21a, Gas23, Hal23, LPS22, MRB22, SS22b]. **Einstein** [AK23, CH21b, GLP23, NS20a]. **Elastic** [BMPS21, DLL20, EI20, LLW22, MS22, NP20, SS22a, WW23, Yos21]. **Elasticity** [ALP21a, CDLLSG20, FGW21, GKLP21]. **Elasto** [CR21]. **Elasto-plastic** [CR21]. **Elastodynamics** [CW21, Cai23, LWZ21b, RSS21]. **Electric** [CKP+22, Li20, WY21]. **Electrical** [CDGH20, GHK20]. **Electrically** [BNSS23, DLX21]. **Electro** [OP20]. **Electro-Magneto-Statics** [OP20]. **Electrohydrodynamic** [WY21]. **Electromagnetic** [CCM21, Cia20, CM20b, GH21b, Kre21]. **Electrorheological** [KR23]. **Electrostatic** [CL21d, FMW23, RS21]. **Element** [GLSW23]. **Elements** [Cia20]. **Ellipsoids** [AKLM22, MMR+23]. **Elliptic** [AC21, BDGdN22, BO21, BLS22, CT23, DU20, DM21, DK21b, IK22, JZZ22, KZ21a, KT20, KS21, Pen23, Sen23]. **Elliptical** [Ma22]. **Embedded** [LPS22]. **Emergence** [CCFO21]. **Emergent** [ST20a]. **Energies** [ALP21a, MMR+23, Tio23]. **Energy** [ABR22, AG23, BSW23, BT21, BK23b, Cai23, CM23b, CLWX20, CL21c, CL21d, CS23, DMS22b, Don22, FHKM22, GNNCR20, GR23, GMS21c, HL23b, IKL20, Kof23, LL22, LLX21, MMR+23, Miz20, NS21a, SAB21, YZZ22]. **Energy-Based** [ABR22]. **Energy-Critical** [BSW23]. **Energy-Reaction-Diffusion** [FHKM22]. **Energy-Supercritical** [LL22]. **Enhanced** [Del23, He23]. **Ensemble** [DL21]. **Entropic**

[ADdR22, ANWS22, CEK21, FMP22]. **Entropic-Wasserstein** [CEK21]. **Entropies** [FLS20]. **Entropy** [BDN22, BCGJ22, CJ21, CDN21, CHLL22, CDS20, Eva21, Hol22, JSW23, LY23, Pan20, RS23a]. **Entropy-Bounded** [LY23]. **Entry** [HR21]. **Entry-Exit** [HR21]. **Envelopes** [EZ20]. **Environment** [PW21]. **Epidemic** [PW21]. **Epitaxially** [KP21]. **Equality** [CLWX20]. **Equation** [AM22, AG23, AKV20, AHLW21, AS20, ACC+21, ACC+23, BSW23, BK20a, BK20b, BH22a, BIL+23, BCFP23, BNP22, BEM21, BL20, BCGJ22, CGY21, CS22, CJL21, CCS23, CNW20, CGU23, CWSGS20, Cha23, CF22, CEW21, Che22, CGS23, CGZ20, CHXZ21, CJL23, CFS22, CCLM23, DU20, Den21, DGWZ23, DH21, DN22, DG20, Eva21, FX21, FLS20, FOS20, FS22, Gao21, GLW22, GLW23, Gas23, GG20, GL21, GWZ21, GM20b, GL20, GZ22, HSZ20, HdRS20, HH21, HL20a, HW22b, HMNW20, HW22c, HY21, IMS20, IMO20, JK22, KMY20, KT22a, KM20, KM23, Kof23, KLW22b, KV20, Laf20, LLR20, LL20, LUY21, LZ22, LS23b, LL22, Li22b, LLW20, LR21, LLS20, LW20b, MP21a, MMN23, MSY23, MP21b, MPS21, PS22, QZ22, RZZ21, RZ21, RZ20, RW23, Saf20, SS22a, SW22c, Sne20, SW20b, SZ22]. **Equation** [SUT22, Tes20, Tet22, WWZ21, WZ23, WO22, YGD21, Yan21b, EGN22]. **Equations** [ALM23, AW21, ADK23, AL23, AHM20, BDGdN22, BFLP21, BR23, Bar23, BMZ23, BD22, BDN22, BP21, BDS21, BK23a, BF23, BMR20, BT21, BP23, BIFL20, CCW23, CN21, CJ21, CLZ22, CW22, CH21a, CK23b, CCZ21, CMZZ22, CLLZ23, CL21c, CD20, Com22, CDS20, CKP20, CS23, DLQ21, DGT20, DM20a, DK21a, DW20, DM21, Don22, DZZ23, DGMP20, Eme21, EIN22, EM22, EYZ22, EZ20, FMP22, FP21, GMS23, GMŚ21b, GLM20, GHW21, Gin21, Gol23, HdRS20, HH21, Hal22, HH23, HH20, HKK23, HNS20, HW22a, HHS23, HL21, HR20, HC21, HR23, IS21, IY20, JLN23, JQSY21, JWX22, JM23, JJZ22, JMQ23, KL21, KN22, KST23, KT20, KTT20, KSS23, KV22, KLW22a, Kwe23, LP22, LS20, LP20, LOWX20, LW21, LY22, LWC22, LWZZ22, LX23, LY23, LZ21, MS20a, MMS21, Nov20]. **Equations** [NS21b, Oli21, OP20, Ou21, OY22, PX22, PZ23, Pin21, Ran23, RWZZ20, RvW20, Ros20, SW22b, SW20a, SH22, Shu21, SCB17, SUT22, ST21, Sun21, TWZ20, TR20, WZ22, WW22, WJW22, WKM23, WWZ23b, Win20, WYZ23, WW23, Xia20, XC22, Yam22, YL22, YZ21, YCRS22, YY22, ZZZ22a, ZLZ20, Zha22, ZZ21b, Zha23, Zhu21, Zil23, dN23, SCB20]. **Equilibration** [DS23, Shu21]. **Equilibria** [DMS22a, HW22a, Hog21]. **Equilibrium** [BMZ23, HRY22, LWC22]. **Equivalent** [Har23]. **Eradicate** [ALV23]. **Ergodic** [CCKW21]. **Ergodicity** [DGT20, FZ21, KNP21]. **Ericksen** [FHM20, HJLZ21, LW20a]. **Erratum** [ACC+23, SCB20]. **Essential** [AS21]. **Estimate** [BHL23, IKL20, IY20, KvM21]. **Estimates** [AKKY23, ALP21b, Bar23, BDS21, BGMW20, CNW20, CL22b, CDX22, HH23, Jia20b, LZ20, LR21, LZ21, MW20, VY23, WZ20b, Xia20, Zha22]. **Euclidean** [Chi22]. **Euler** [BIFL20, AW21, AKK+20, ADBP21, BV20b, CCW23, CWZ20, CJ21, CW22, CYY23, CCZ21, CMZZ22, CD20, Din23, DYZ21, FG22, GK22, GLM20, GHW21, Gin21, Gol23, HC21, HK23, HY22b, IS21, JM23, JJL21, Lea23, LS23c, LW23a, Liu23, PX22, PL23, TT22, XY21, YL22]. **Eulerian** [RS23b, Tan21]. **Even** [KPS20, WdlL20]. **Eventually** [GIT20]. **Every** [Mar22]. **Everywhere** [PS23a]. **Evolution** [AT20, CL21a, HR20, KbP21, KT22b, LWC22, MMS21]. **Evolutionary** [FMP22, WO22]. **Exact** [Pan21, QZ22]. **Exceeds** [DK23]. **Exceptional** [ADH+22, FMW23]. **Excitable** [CNW21].

Exciton [CH21b]. **Exist** [IPTT22]. **Existence** [ADBP21, Bar20, BK23a, BPSS22, BCDM21, CGG20, CYY23, Cha23, CCZ21, CY21b, CT23, CKP20, DS23, DS21b, DM21, EGN22, FHKM22, FFV20, GRHSZ20, GLRS22, GL21, GLP23, Hal23, HY22a, HR23, JSW23, KR23, KT20, KW23, KLW22a, Lea23, LS23c, LX21, LX23, MRR20, MV23, Mar22, NS21a, NS21b, PST23, SX20a, TW22a, Tsu22, WZ22]. **Existence-Uniqueness** [BK23a]. **Exit** [Bob23, HR21, LN20]. **Expanding** [CCW23]. **Expansions** [AS21, JL21, LYZ23, ND20]. **Explicit** [CFS23, GZ20b]. **Exponential** [BMZ23, BST22, JLL$^+$23]. **Exponentially** [DQ23, GLS23]. **Extended** [MMS21]. **Extensions** [CDLLSG20, GRR23]. **Exterior** [ADL20, GWX21, Hal22, OP20, WW23]. **Extinction** [CKKP20, MSY23]. **Extrapolation** [GH21b]. **Extreme** [CDGH20].

Faber [JL21]. **Families** [Hog21]. **Family** [LP22]. **Far** [BHL23, CLZ22, HL20b, MWX23]. **Far-Field** [HL20b]. **Fast** [BDOZ21, HR21, SX20b]. **Feasibility** [GH21b]. **Feller** [Bob23]. **Fermi** [BY20]. **Feynman** [CDX21]. **Fibered** [Bel22]. **Field** [AMMT22, Bar20, BHL23, BLW20, BDMA22, CLZ22, CS22, CCS23, GSS23, HL20b, IMS22, Kim21, LWZ21a, LT22, Li20, MWX23, NP23, Reg21, Ric23, WY21, Zha23, BDOZ21, DL21, MS20c]. **Fields** [BGK21, Cia20, CKP$^+$22, FSW22, GRR23, KN23, MPC22, MS21, PS23a]. **Fierz** [LP20]. **Films** [KP21]. **Filter** [BNP22]. **Finely** [CFS23]. **Finite** [BCR21, BST22, CKKP20, Cia20, DS21b, GLSW23, GMŚ21b, IPTT22, KS21, LLW20, Miz20]. **Finite-Difference** [BCR21]. **Finite-Time** [KS21, Miz20]. **Finitely** [Har23]. **Finiteness** [VX21]. **Finsler** [EIN22]. **First** [BST22, CCS22, FL21, HL22b, KM20, LN20, SH22]. **First-** [KM20]. **First-Kind** [SH22]. **First-Order** [BST22, HL22b]. **First-Passage** [CCS22]. **Fisher** [DN22, KLS23]. **FitzHugh** [HHS23, BF23]. **Fixed** [MPMS23, RS20a]. **Flat** [AKLM22, FG22]. **Flatness** [ED22]. **Floating** [Boc20]. **Flocks** [Lea23]. **Floquet** [SW22a]. **Flow** [AB20, AM22, AKKY23, BLW20, BCMW21, BV20b, CF21, CFHX20, CHLL22, Del23, DK21c, Eit22, FXX20, FLS20, FMP22, GMN22, GK20, Ger21, GBS20, Hol22, LXZ23, LKPR20, LLX21, Ma22, MB20, NP20, RvW20, Tak21, Tsu22, WZ20a, ZZZ22a, ZZ23]. **Flowing** [RWZ21]. **Flows** [ADL20, CWZ20, CYY23, CKZ21, CXZ22, CLYaY23, CCLM23, DMS22c, FG22, GHL22, GLY20, GK22, HT23, Hu22, HK23, Jia20a, KR23, Lai20, LS23a, MWX23, SSZ20, Wan22, WO23, XY21]. **Fluctuations** [GL20, GK23]. **Fluid** [BT23, BNSS23, CJ21, CDLLSG20, CL21b, CD21, DJ20, He23, JP20, KR23, MRR20, MS22, MS20d, PL23, TW23, WZZ20, Zha23]. **Fluid-Particle** [CJ21]. **Fluid-Rigid** [BNSS23]. **Fluid-Structure** [MRR20]. **Fluids** [BMR20, BMPS21, CLWX20, CDS20, DGB23, DS23, DLX21, Gal23, GMN22, KKNN22, LZ23a, Oli21]. **Fluorescence** [ACC$^+$21, ACC$^+$23]. **Fluxes** [GJ21]. **Focusing** [DU20, KT22a, LW22, YYZ21]. **Fokker** [Bla23, DLY21, BP20, BR23, FMP22, JQSY21, Laf20, LWZZ22, Zhu21]. **Fontana** [CY21b]. **Force** [Laf20]. **Forced** [WdlL20]. **Forces** [Gao21, Shu21]. **Form** [DM22]. **Formally** [KRS21]. **Formation** [BH23, CCW23, CCZ21, DR20a, HL22b, TW21, Yan21b]. **Forms** [RWZZ20, IM21b]. **Formula** [NS20a, PS23b, Shu20]. **Formulation** [Cio21, EFHS21, RZZ21]. **Formulations** [CCM21, HSV21]. **Forward** [CFS22, GHK20, LZ23b]. **Forward-Backward** [CFS22]. **Fourier** [GZW21, BFN20, Ger23, Pec20]. **Fourth**

[IMO20]. **Fourth-Order** [IMO20]. **Fraction** [CJL21]. **Fractional** [AC21, ARS21, CL22b, Cov22, DN20, FMMS22, HL20a, KST23, KLW22b, Laf20, LLR20, Lea23, Li21, LW22, LWC22, RRV22, Rül21, ST20a, ST20b, TR20, KM20]. **Fractured** [LKPR20]. **Fragmentation** [CGY21]. **Frame** [WO23]. **Framework** [KKK20, LYZ23]. **Free** [CCS22, CD21, CK22, CF20, DS21a, DN22, Gin21, GBS20, HXH22, KMY20, LPW21, LWZ21b, LY23, LNRV21, LZ21, Ou21, PS23a, SSZ20, ST21]. **Free-Boundary** [LZ21]. **Freidlin** [HLL21]. **Frequency** [BJ23, CFS23, GLSW23, GLS23, KN23, OP20, WdlL20, CWSGS20]. **Frequency-Explicit** [CFS23]. **Friction** [TWZ20, Tsu22]. **Frictional** [MP20b]. **Front** [DM20a, HK23, MMN23]. **Front-Like** [DM20a]. **Fronts** [AS21, BD22, CMX22]. **Froude** [Ou21]. **Full** [AKK+20, CL22a, Din23, DYZ21, Eme21, HC21, LS21b, PX22, Yam22, YY22]. **Fully** [BGMW20, EGN22, IK22, KL21, TW22a]. **Function** [DK21b, GH21b, HR21, LY21, LR21, RZZ21]. **Functional** [BCR21, DR20a, FS20, GLSW23, LL21, Mon20]. **Functionals** [CFV20, FFV21, MPC22, RS20b]. **Functions** [CDN21, Dun21, ED22, Fos21, GIT20, Kat23, LSYZ21, ND20, Nem21]. **Future** [Oli21].

Gårding [KV21]. **Gain** [Jia20b]. **Galbrun** [HH21]. **Games** [AMMT22, ALP21b, CS22, LT22, Ric23]. **Gamma** [LL21]. **Gamma-Limit** [LL21]. **Gap** [CGY21]. **Gaps** [SW22a]. **Gas** [CJL21, JZZ22, LZZ21, Tsu22, Wan23]. **Gaseous** [HY22b]. **Gases** [AMP22, BKPY23, CFS21, HRY22]. **Gaussian** [IMS20, Sne20]. **General** [ALP21a, BDMA22, CNW20, CCZ22, DM21, Fos21, Ger23, KR23, KKNN22, Laf20, LL20, LWC22, MW23, Pen23, Zhu21, HL20a]. **Generalization** [LSW23]. **Generalized** [AHLW21, ARD20, BCC+22, CDN21, CGS23, DL22b, FN23, GHW21, HT23, Kat20, LOWX20, LR21]. **Generated** [LLX21, Ran23]. **Generation** [HMNW20]. **Generators** [AT20]. **Gennes** [LLX21]. **Geometric** [CDLZ21, Kil22, Sai23]. **Geometries** [Dai21a, Yan21a]. **Geometry** [KN23]. **Geometry/Frequency** [KN23]. **Geostrophic** [Nov20, Ros20]. **Gevrey** [LY21]. **Gibbs** [LW22, ST20b]. **Ginzburg** [BK20a, BD22, Dai21a, FHM20, Gao21, GR23, IKL20, LZ22]. **Global** [ADBP21, BY20, BKPY23, BSW23, BIL+23, BPSS22, CW21, CGG20, CJ21, CLZ22, CMX22, CCZ21, CNW21, CCZ22, CHS22, CLYaY23, CL23, CHLL22, CBHS23, DL22a, DS23, Din23, Don22, DGWZ23, DLY21, DM22, FHKM22, FMN21, Fue20, GM20a, GZW21, GWX21, HHS23, Hog21, HR23, HK23, HJLZ21, HL22a, IKL20, IS21, JWX22, JJZ22, JWW23, KT22b, KV22, Lai20, Lea23, LS21b, LS23c, LW23a, LWZ23, Mar22, MS20d, Oli21, PX22, PW21, PL23, Ran23, TT22, Tsu22, Var20, Wan21, WZ22, Wan22, WYZ23, XY21, YYZ21, ZLZ20, Zho22]. **Global-in-Time** [CGG20, CLYaY23, LS21b]. **Globally** [GK22]. **Gordon** [Don22, Com22, DGR21, DM22, LLS20]. **Govern** [BMR20]. **Gradient** [ALP21b, BEMZ23, BGMW20, CDX22, DJ20, DG23, FMP22, GK20, HH23, HT23, IMO20, LZ20, LLX21, NP20, WZ20a, WO23]. **Grain** [ELM21]. **Graining** [HNS20]. **Graph** [BV20b, CTL22]. **Graphons** [BH23]. **Graphs** [Bob23, DGMP20, PS22, Yos21]. **Gravitational** [HY22b]. **Gravity** [DS21b, FG22]. **Gravity-Capillary** [DS21b]. **Green** [DK21b]. **Greenberg** [CHLL22]. **Grid** [CCS23]. **Gross** [AHLW21, GZ22, LW20b]. **Ground** [BLS22, CJL21, Dod21, GLP23, PS22]. **Growth** [BGMW20, CGY21, GMS21c,

HXH22, KL23, LX21, MP21a, RS20b]. **Growth-Fragmentation** [CGY21].

H [Sim21]. **H-Measures** [Sim21]. **Half** [BL20, BIFL20, CM23b, DCWF+22, DYZ21, HW22c, JZZ22, KM20, WW23]. **Half-Line** [BL20, CM23b]. **Half-order** [KM20]. **Half-Plane** [BIFL20]. **Half-Space** [DCWF+22, DYZ21, HW22c, WW23]. **Hall** [Dai21b]. **Hamilton** [BDN22, EIN22, EYZ22, EZ20, GMŚ21b, HH23, JMQ23, KTT20]. **Hamiltonian** [BCC+22, BDN22, CCLM23, LP20, MPZ22, Nei20]. **Hamiltonians** [SW22a]. **Haptotaxis** [DL22a]. **Hard** [AMP22, Cha23, Den21, LZ20, Sne20]. **Hard-Sphere** [AMP22]. **Harmonic** [BHL23, CC23, GRR23, Hal22, OP20, CCM21, HH21]. **Harnack** [BDS21]. **Harris** [CGY21]. **Hartree** [DLQ21, CHL23, Saf20, Tes20]. **Hartree-Type** [CHL23]. **Heat** [ACC+21, ACC+23, BMPS21, CL22a, GHM22, GL20, IV22, Li22a, LZZ21, PZ23, RWZZ20, RZ20, SL22, Wan23]. **Heat-Conducting** [BMPS21, LZZ21]. **Heat-Reflection** [SL22]. **Hele** [Chu23]. **Helical** [KLW22a]. **Hellinger** [FMS21]. **Helmholtz** [CWSGS20, CEW21, GMS21a, GLSW23, GRHSZ20]. **Hemivariational** [Han20, MP20b]. **Herglotz** [VX21]. **Hermitian** [Tet22]. **Heterogeneous** [BEMZ23, CF21, JR21, PW21]. **Hidden** [GKLP21]. **Hierarchies** [CDS20]. **Hierarchy** [HZ22b]. **High** [ACL22, AL23, BJ23, Bel22, CWSGS20, DN22, Fep21, FJ22, GLSW23, GLS23, LL22, Pan23]. **High-Curvature** [ACL22]. **High-Frequency** [BJ23, GLSW23, CWSGS20]. **High-Velocity** [AL23]. **Higher** [CCS22, GL20, HZ22b, JLN23, NS21a, NS21b]. **Higher-Order** [CCS22]. **Highest** [Cai23]. **Highest-Order** [Cai23]. **Highly** [CGG23]. **Hilbert** [KV20, Yan21b]. **Hilliard** [GLRS22, CFS22, CMM20, GK20, RW23, SW20a]. **Hilliard-Type** [RW23, SW20a]. **History** [MP20b]. **History-Dependent** [MP20b]. **Hoff** [Bel22]. **Hölder** [BDS21, CD20, JLL+23, Zhu21]. **Hölder's** [Cio21]. **Holes** [ABD22]. **Holm** [LP22, MP21a]. **Homoclinic** [LY22]. **Homogeneous** [Fue20, XX23b, CHXZ21]. **Homogenization** [Bel22, BEM21, CGG23, CFS23, CCKW21, DGB23, Fep21, FFV21, GZ20a, Jin20, JR21, KZ21a, RvW20, Sen23, Zha21]. **Homogenized** [FJ22]. **Honeycomb** [AFH+20]. **Honeycomb-Lattice** [AFH+20]. **Hookean** [DS23]. **Hopf** [Dai21b, Shu20]. **Horizontal** [FG22]. **Horizontally** [JJZ22]. **Hot** [Web20]. **Hotspots** [TW21]. **Hull** [HL21]. **Hump** [DS21b]. **Hunter** [GLW22, GLW23]. **Hybrid** [NP23]. **Hydrodynamic** [CLMZ23, CY21b, WWZ21, WMZZ21, WO22]. **Hydrodynamics** [FW21, Kim21, Wan21]. **Hydrostatic** [WW22]. **Hyperbolic** [CY22, CK22, CBHS23, FP20, GK21b, HJLZ21, HL22b, JZZ22, Kil22, KRS21, LPW22, MP20a, Per20]. **Hyperbolic-Elliptic** [JZZ22]. **Hyperbolic-Parabolic** [CBHS23, LPW22]. **Hyperbolized** [HR23]. **Hyperelastic** [DMS22a]. **Hypocoercivity** [Eva21]. **Hypodissipative** [CD20]. **Hysteresis** [EK20].

Ideal [ADL20, CD21, Gal23, JJZ22, TW22b]. **Identification** [RZ20]. **Identity** [NS21a]. **Idiosyncratic** [CS22]. **II** [JM23, CJL21, HL20a, KSS23, MPC22]. **Ill** [DGV22, OY22, WdlL20, Zha23]. **Ill-Posed** [WdlL20]. **Ill-Posedness** [DGV22, Zha23]. **Ill-Prepared** [OY22]. **Imaging** [LM20]. **Immediate** [LY23]. **Impedance** [CDGH20, CC23, GHK20, LM20].

Impenetrable [vM22]. **Impermeable** [CL21b]. **Implicit** [BV20b, ZRW22]. **Improved** [FW21]. **Incident** [VX21]. **Inclusions** [ACL22, ABFV22, BFV21, CDGH20, LZ20]. **Incompressible** [BNSS23, BMR20, BMPS21, CW21, Cai23, CW22, CYY23, CLYaY23, CD21, DM20b, Gin21, GZW21, GWX21, HL21, JJZ22, KM23, LZ23a, LWZ23, LX21, LZ21, MS20a, MS22, OY22, SSZ20, ST21, WX21]. **Increasing** [DQ23, EI20, KUW21]. **Indefinite** [MPV23]. **Independent** [CR21]. **Index** [CCLM23]. **Indices** [BCC+22, SL22]. **Indirect** [EMT20]. **Induced** [GL21]. **Inelastic** [AL23]. **Inequalities** [ABD22, BDS21, BGMW20, Han20, Har20, KV21, Ngu22]. **Inequality** [Cio21, LW21, MP20b, Zha21]. **Inertia** [CM22, CHXZ21, CHQ22, HSZ20]. **Inertial** [KLSZ22, LW20a]. **Infection** [TW21]. **Infinite** [BST22, IKL20, Lai20, LS21a, MMN23, WWZ23a]. **Infinite-Dimensional** [WWZ23a]. **Infinite-time** [LS21a]. **Infinitely** [LPS22, XY21]. **Infinity** [CF20]. **Influence** [HL23a]. **Inhomogeneous** [CM23a, DK21a, GWX21, HL20b, SSZ20, Sne20]. **Initial** [BH22b, BIFL20, CCZ22, CHS22, DM20a, DH21, EYZ22, Ger23, GHM22, GM20b, HW22b, HL22a, HL22b, KKK20, KNP21, KST23, Mar22, Miz20, RRV22, WZ23, YL22, ZZZ22b]. **Initial-Boundary-Value** [CHS22]. **Initial-Value** [YL22]. **Injection** [CD21]. **Injectivity** [MS21]. **Inputs** [HJJ20]. **Instability** [JP20, LP22, LOWX20]. **Instantaneous** [Pin21]. **Integrable** [AKV20, KT22a]. **Integral** [BDD+20, CFV20, EFHS21, FMMS22, HSV20, HSV21, KZ21b, MS21, PS23a, RZZ21, RS20b, SH22, SUT22]. **Integrals** [GZ20a]. **Integrated** [Kof23]. **Integro** [BK23a, BBES22]. **Integro-Differential** [BBES22, BK23a]. **Interacting** [BCMW21, DGR21, FOS20, KvM21, LRW20, MS22, SS22a]. **Interaction** [ALM23, BNSS23, CDF+22, DR20a, GK21a, Ger21, LT22, MRR20, Shu21, TW23]. **Interactions** [BBC20, CCFO21, ST20a]. **Intercritical** [CM23a]. **Interface** [AF23, ACC22, HL23b, HMNW20, JR21, NS21a, SS20]. **Interfaces** [BBD+23, SL22, TW22b]. **Interfacial** [WY21]. **Interior** [LS20]. **Intermediate** [MPS21]. **Intermittency** [ED22]. **Interpolation** [Har20]. **Interval** [HY21]. **Invariant** [AKV20, DQ23, KLW22a, WWZ23a]. **Invasion** [DL22a]. **Invasive** [ALV23]. **Inverse** [BHL23, BKS23, BL21, CDLZ21, CNW20, CGU23, CCS22, CM20b, EI20, EZ20, HL20b, IY20, KM20, KUW21, KRS21, Li21, LLW22, MPMS23, Mef21, RS20a, SW22c, Ste20, SZ22, UZ23, Yan21a, YZZ22]. **Inversion** [HL20a]. **Inverting** [Kat20]. **Investigation** [SCB17, SCB20]. **Inviscid** [Jia20a, Ngu20, VY23, Wan20]. **Invisibility** [BLPS22]. **Involving** [BCGJ22, Li21, Lia22, MPZ22]. **Ion** [EOE20]. **Ionized** [LZZ21]. **Irrational** [SW20b]. **Irregularly** [Liu23]. **Irrotational** [Ma22, MWX23]. **Isentropic** [Gol23, OY22, Tsu22, ZZZ22a]. **Island** [RWZ21]. **Isothermal** [CKZ21, FG22]. **Issuing** [DW21]. **Iteration** [LWZZ22].

Jacobi [GMŚ21b, JMQ23, BDN22, EIN22, EYZ22, EZ20, HH23, KTT20]. **Jacobian** [Ran23]. **Jet** [LS23a, PX22]. **Jets** [DW21]. **Joint** [KN23]. **Junction** [Hol22]. **Junctions** [ELM21]. **Justification** [LW20a, LWZZ22, Ros20].

Kac [CDX21]. **Kadomtsev** [EGN22]. **Kalman** [DL21]. **Kantorovich** [FMS21]. **Kawasaki** [Mou20]. **KdV** [BL20, CM23b, HdRS20, LW21]. **Keller** [BCJ20, GH21a, CKW20, CBHS23, HJ11,

MP20a, Miz20, Win20]. **Kepler** [BDF21]. **Kernel** [LUY21, RZZ21]. **Kernels** [DN20]. **Kind** [SH22]. **Kinematic** [HJLZ21]. **Kinetic** [BDMA22, CY21b, JK22, Per20, Zhu21]. **Kirchhoff** [BH22a, QZ22]. **Klar** [CHLL22]. **Klein** [DGR21, Com22, Don22, DM22, GG20, LLS20]. **Kohn** [SCB20, SCB17]. **Kompaneets** [BIL+23]. **Korn** [Har20]. **Korteweg** [LM21, BH22b, CL21b, GM20b, MS20d, RvW20]. **KPP** [DN22, KLS23]. **Kramers** [GH21b]. **Krein** [KPS20]. **Kronig** [GH21b]. **Krylov** [BGMW20]. **Kuramoto** [CM22, CHXZ21, HSZ20, HJJ20]. **Kuznetsov** [Dun21, LR21].

Label [MS20c]. **Lagrangian** [GMN22, KR21]. **Lamé** [LZ20, MMSH21]. **Lamellar** [ACC22]. **Lamination** [HL21]. **Lampis** [Che22]. **Landau** [BK20a, BD22, Cha23, Dai21a, FHM20, Gao21, GR23, HLlZ23, IKL20, LZ22, LLX21, Sne20]. **Langevin** [CF22]. **Laplace** [Wic23, Dun21, EIN22]. **Laplacian** [BGT22, CDLZ21, CK23a, CF20, FMMS22, GV21, Lia22, Yam22]. **Laplacians** [CTL22, CL22b]. **Large** [BSW23, CLZ22, CHS22, CLYaY23, DR20b, FMN21, HJJ20, HKK23, HLL21, HL22a, KSS23, KW23, LT22, LS23b, Li22b, LLW20, LLPZ21, LG21, ND20, Pan21, RS23b, Sin21, WZZ20, ZLZ20, ZZ23, ZZZ22b]. **Large-Amplitude** [Sin21]. **Large-Parameter** [ND20]. **Large-Time** [DR20b, HKK23, WZZ20]. **Lattice** [AFH+20, ELM21]. **Lattices** [LRW20]. **Laval** [Tsu22]. **Law** [FN23, GK21b, HL22b, KV20, Yam22]. **Laws** [Bob23, CKP20, DMS22c, DR20b, FP20, GJ21, JR20, LZ23b, Pan20, RS23a, Yua23]. **Lax** [Gas23, PS23b, Shu20]. **Lax-Oleinik** [PS23b]. **Layer** [DLX21, GLS23, HW22c, JL21, Kor22, LY21, Sin21, WZ20a, WWZ23b, vM22]. **Layered** [BFV21, CFS23, KN23]. **Layers** [Bob20, Var20]. **Leading** [Kil22]. **Leaky** [FS22]. **Least** [DG23]. **Lebesgue** [Pec20]. **Legendre** [ND20]. **Lens** [NS20b]. **Leray** [Dai21b, WJW22]. **Leslie** [FHM20, HJLZ21, LW20a]. **Level** [IM21a]. **Lifespan** [BH22a, HL23a]. **Lighthill** [CFHX20]. **Like** [DM20a, CCKW21, GM20b]. **Limit** [AF23, AHM20, Bla23, Bob23, BK23b, BDMA22, BH22b, BIFL20, CM20a, CCS23, CLMZ23, CY21b, CHLL22, Chu23, CHQ22, CC22, CBHS23, DL21, DM20b, EFK20, EB23, Gas23, GZW21, GZ22, HSZ20, HL23b, HT23, JJL21, KM23, KV22, LS23b, LW20a, LL21, LW23a, LX21, LSW23, LW23b, MWX23, NP23, Ngu20, Ou21, OY22, PL23, TWZ20, VY23, Wan20, WWZ21, WWZ23b, WO22, Zho22]. **Limiting** [BPSS22, Lea23]. **Limits** [BBC20, Din23, Gal23, GHM22, GKM20, IMS22, SX20b, WX21]. **Line** [BL20, CM23b, CXZ22, GNNCR20, GMS21c, JZZ22, Jui20, MS20b]. **Line-Tension** [GMS21c]. **Linear** [ALP21a, BST22, BLS22, Eva21, HXH22, HSV20, HSV21, IY20, Jia20a, LLPZ21, LPW22, Ma22, MP21b, Oli21, RS20b, Ste20, ZZZ22a, Zha22]. **Linearity** [Sai23]. **Linearized** [BMM22, Den20, FGW21, Ger21, Zil23]. **Liouville** [BCFP23, KT22a]. **Lipschitz** [ACC+21, ACC+23, ABFV22, ALP21b, BGK21, BFV21, CTL22, CKZ21, GKK22, KM20, Mef21, OP20, SH22, Xia20]. **Liquid** [CGG20, EFK20, GHL22, HJLZ21, Kim21, RvW20, RRV22, SAB21]. **Liquid-Vapor** [RvW20]. **Local** [ABR22, AG23, ABFV22, ADVW20, Boc20, BT21, CL22a, CK23b, Cha23, HJJ20, HW22b, Kof23, Lia22, LY22, LR21, NS20a, Zha22, DR20a]. **Local/Nonlocal** [DR20a]. **Localized** [ACL22, Bar23, KW23, XX23b]. **Locally** [HLL21, Sen23]. **Logarithmic** [CS23, GHK20, KST23, MSY23, SW20a].

Logistic [KS21, MSY23]. **Long** [BBC20, DK21a, FS22, GM20b, JLN23, LPW21, LM21, MB20, MPS21, PW21, RWZ21, SX20a, Sun21, XY21, XC22, ZZ21b]. **Long-Range** [BBC20]. **Long-Term** [Sun21, MB20]. **Long-Time** [GM20b, JLN23, LPW21, PW21]. **Longer** [BH22a]. **Longtime** [Liu23]. **Loss** [BIL+23, CFHX20, KZ21b]. **Lotka** [PR20]. **Low** [AG23, AHM20, BK23b, CCM21, DGMP20, Gal23, JJL21, MWX23, OP20, Ou21, Pec20]. **Low-Energy** [BK23b]. **Low-regularity** [CCM21]. **Lower** [FSW22, HH23, IMS20, YCRS22]. **Luke** [MS20b]. **Lusternik** [CT23].

Mach [AHM20, Gal23, JJL21, MWX23, Ou21]. **Machlup** [LL21]. **Macroscopic** [CF21, DS23, Hol22]. **Magnetic** [BHL23, BLW20, FSW22, GV21, Kim21, LWZ21a, Li21, Reg21, RWZ21, Zha23]. **Magneto** [OP20, Zha23]. **Magneto-Micropolar** [Zha23]. **Magnetoelasticity** [BK23b]. **Magnetohydrodynamic** [BLW20, LWZ21a, CH21a]. **Magnetohydrodynamics** [LZ21]. **Magnetorheological** [DGB23]. **Managed** [CJL23]. **Manifold** [RWZZ20]. **Manifolds** [BLPS22, KLSZ22, KL22, NK21, WWZ23a]. **Many** [BH22a, Har23, LPS22]. **Map** [BFV21, GHK20, XX23b]. **Mapping** [Mon20]. **Marginal** [CL20, PVJ21]. **Markovian** [FZ21]. **Maslov** [BCC+22, CCLM23]. **Mass** [BL20, BGL23, CMT21, Dod21, FX21, FMTY21, GLRS22, GZ20b, GH21a, HMNW20, LS21a, Liu23, Win20]. **Mass-Critical** [Dod21, FX21]. **Master** [BDS21, CS22]. **Matched** [GLS23]. **Matching** [CY22, DCWF+22]. **Material** [EB23, Ger21]. **Materials** [BEMZ23]. **Mathematical** [BMR20, CK22, EOE20]. **Matrix** [BV20a, Cio21, DS22, KPS20]. **Matrix-Valued** [BV20a]. **Matter** [EFK20]. **Maximal** [LR21, MRR20]. **Maximal-in-Time** [MRR20]. **Maximization** [ABHN21]. **Maxwell** [CN21, CC23, DLQ21, Hal23, HJT22, LS20, LP20, OP20, Xia20, YZ21]. **Maxwellian** [BKPY23]. **May** [TW21]. **McKean** [CDF+22]. **Mean** [AM22, AMMT22, BDMA22, CS22, CCS23, DN20, DL21, FLS20, IMS22, LT22, MS20c, NP23, Ric23, Tak21, BDOZ21]. **Mean-Field** [BDMA22, NP23, DL21, MS20c]. **Measure** [Gal23, GK21b, LW22, ST20b]. **Measure-Valued** [Gal23, GK21b]. **Measurement** [Rül21]. **Measurements** [ABFV22, CM20a]. **Measures** [AKV20, ARD20, BV20a, Cio21, GMŚ21b, Sim21]. **Media** [BJ23, CNW21, CCKW21, CCM21, CC23, DGT20, EK20, GMN22, GBS20, HL21, JR21, KN23, KM23, LKPR20, Ngu22, RvW20]. **Medium** [BFV21, CGU23, Fep21, GK21a, HL20b]. **Meissner** [KbP21]. **Membrane** [Bob20]. **Memory** [DN20, FS22, Sim21]. **Memory-Structured** [FS22]. **Merriman** [BV20b]. **Mesh** [BCR21]. **Mesh-Size** [BCR21]. **Mesoscopic** [BF23]. **Metamaterial** [CK22]. **Metamaterials** [ADH+22]. **Method** [ADL20, CWZ20, DCWF+22, FW21, GLSW23, YGD21]. **Methods** [HSV20, RS23a]. **Metric** [BDN22, CDN21, PS22]. **MHD** [CHS22, Dai21b, JWX22, JJZ22, LS21b, LY21, LWZ23, LYZ23, TW22b, WW22]. **MicroBubbles** [MS23b]. **Microlocal** [Chi22]. **Micromagnetics** [DMRS20]. **Micropolar** [KR23, Zha23]. **Microscopic** [CF21, KP21]. **Microscopy** [ACC+21, ACC+23]. **Microstructure** [MM23]. **Microstructures** [Sim21]. **Mild** [Zha23]. **Mildly** [RS23a]. **Mills** [Pec20].

Minimal [CT21, GNNCR20]. **Minimizer** [CJL23]. **Minimizers** [DMS22b, FS20, MPC22, MMR+23, MPZ22]. **Minnaert** [AFH+20]. **Mirrors** [Pin21]. **Misorientations** [ELM21]. **Mitochondrial** [EOE20]. **Mixed** [AB21, CDL22, DQ23, EFHS21, HC21, LWZ21b, OP20, Pen23, Saf20, ZRW22]. **Mixed-type** [HC21]. **Mixing** [CM22, Gao21]. **Mixture** [AMP22, AL23, KKNN22]. **Mixtures** [DJ20]. **mKdV** [HZ22b]. **Mobility** [HL23b]. **Model** [ACC22, ADBP21, BY20, BKPY23, Bla23, BK23b, BBES22, CGG20, CKW20, CLMZ23, CM22, CY21b, CHLL22, CBHS23, CMM20, DL22a, DGB23, DGV22, DMS22c, EOE20, EFK20, Fue20, GM20a, GMS21c, GBS20, GSS23, HJJ20, HJ11, HJLZ21, HY21, HRY22, IOPR21, JJL21, KR23, KLS23, KNP21, KKNN22, KP21, LS21a, LLN20, LLW21, LX21, LPW22, LNRV21, MRR20, MS20d, NS21a, SAB21, TW21, Wan21, WMZZ21, WZZ20, BCJ20]. **Modeling** [Bob20, CCS23, FMN21, HXH22]. **Models** [ABR22, BEMZ23, BDMA22, CF21, CCFO21, CL21b, CMZZ22, CL21d, DS23, Eme21, FJ22, Hol22, IMS22, JKZ21, KW23, KS21, LW23b, NP23, PR20]. **Moderately** [SX20b]. **Modified** [CM20b, GM20b, Hal23, Ros20, YL22]. **Modular** [MMS21]. **Modulation** [HdRS20]. **Modulational** [JP20]. **Modulus** [IKL20]. **Molecular** [Liu23]. **Moment** [MS21]. **Moments** [LS23b, Reg21]. **Momentum** [BKS23]. **Monge** [TT22, Jui20]. **Monostable** [KM23]. **Monotone** [CS22, CL23, HLL21, Jia20a, MV23]. **Monotonicity** [CDGH20, CJL21, HL20a]. **Monotonicity-Based** [CDGH20, HL20a]. **Morrey** [WJW22]. **Moser** [AHLW21, LW20b]. **Motility** [CMM20]. **Motion** [BMR20, CGG20, ELM21, FGW21]. **Motions** [NP23]. **Motivated** [KbP21]. **Moving** [DLX21, TW22b]. **Multi** [CL20, DS21b, PVJ21]. **Multi-Hump** [DS21b]. **Multi-Marginal** [CL20, PVJ21]. **Multibody** [BBC20]. **Multidimensional** [Fue20, HR21, HR23, HL22b, MWX23, Pan20, Yua23]. **Multidimensions** [Tan21]. **Multilane** [CHLL22]. **Multilayer** [HXH22, ST21]. **Multilayered** [BCMW21]. **Multimarginal** [GZ20b]. **Multiphase** [Kil22]. **Multiple** [AHLW21, BNP22, CYY23, CT23, FMP22, GMS23, Var20]. **Multiplicative** [DGT20, DGWZ23, HH20, Zha22]. **Multiplicity** [DM21]. **Multipole** [HW22a]. **Multipopulation** [MS20c]. **Multiscale** [ARD20, CW22, HLL21]. **Multispecies** [AL23, CL21a]. **Multistable** [GKK22]. **Multivalued** [ZRW22]. **Multivortex** [LW20b]. **Murat** [ARS21].

Nagumo [BF23, HHS23]. **Nanoparticles** [DLL20]. **Navier** [GH21a, LX23, AF23, AB21, AHM20, Bar23, BP21, BT21, BFHZ22, BFN20, BH22b, CLZ22, CL22a, CK23b, CL21c, CDX22, CD20, DK23, DL22b, DM20b, DW20, FOS20, Ger23, GZW21, GWZ21, GWX21, HKK23, HL23a, HL23b, HR23, HL22a, KLW22a, Kwe23, LS23c, LY23, MS20a, Ngu20, Ou21, OY22, PZ23, RvW20, SS22a, ST21, Sun21, TWZ20, VY23, WZ22, WJW22, WKM23, WZ23, WWZ23b, Win20, WYZ23, WW23, Yam22, YZ21, YY22, ZZZ22a, ZLZ20, ZZ23, ZZZ22b, Zho22]. **Navier-Slip** [Ngu20]. **Navier-Stokes** [HL23b]. **Navier-Stokes/Allen** [HL23b]. **Navier-type** [AB21]. **Near** [AS21, BKPY23, BHL23, CK23b, GNR22, HdRS20, HRY22, Jia20a, Liu23, Wan20, Zha23, BY20, Fue20, LWZ21a]. **Near-Boundary** [Liu23]. **Neohookean** [IOPR21]. **Nernst** [GWZ21, HY22a, IS21]. **Nested** [KTT20]. **Network** [LSYZ21]. **Networks** [BFLP21, BDOZ21, BH23, DMS22c, JLL+23,

Kor22, LWZZ22, NP20, PS23b]. **Neumann** [AKLM22, BK21, BFV21, DH21, IK22, KL21, LPS22, MPV23, PST23, Ric23, XX23b]. **Neural** [JLL+23, Kor22, LWZZ22, LSW23]. **Neuronal** [FS22]. **Neutral** [CLMZ23, PL23]. **Newtonian** [Din23, MS22]. **Nield** [Dun21]. **NLS** [CM23a, Dod21, DGMP20, KT22a, KMV21, LW22, PS22, ST20b, YZZ22, YYZ21]. **No** [BIFL20, IPTT22, RRV22, Fos21]. **No-Slip** [BIFL20]. **Node** [GM20a]. **Noise** [BK20a, BFHZ22, CS22, DGT20, DGWZ23, HH20, LWC22, Zha22]. **Noisy** [CM20a]. **Non** [BCC+22, BDOZ21, BST22, CDG23, Den20, Den21, GKK22, GL23]. **Non-Autonomous** [CDG23]. **Non-cutoff** [Den20, Den21]. **Non-Hamiltonian** [BCC+22]. **Non-Lipschitz** [GKK22]. **Non-mean-field** [BDOZ21]. **Non-Symmetric** [BST22]. **Non-Uniqueness** [GL23]. **Nonautonomous** [WWZ23a]. **Noncentral** [LSW23]. **Noncompact** [PS22]. **Nonconservative** [ADBP21]. **NonDegeneracy** [FS20]. **Nondifferentiable** [ED22]. **NonDiffusive** [CMX22]. **Nondivergence** [DK21b]. **Nondominated** [CC22]. **Nonequilibrium** [CH21b, JJL21]. **Nonequilibrium-Diffusion** [JJL21]. **Nonexistence** [GJ21, GL21]. **Nonexpanding** [FP21]. **NonGradient** [ADdR22]. **Nonhexagonal** [LRW20]. **Nonhonest** [Bob23]. **Noninteracting** [KKNN22]. **Nonisentropic** [LY23, Lai20]. **Nonlinear** [AM22, AKV20, BSW23, BR23, BMZ23, BNP22, BK23a, BGMW20, BK23b, BLS22, CEW21, CGZ20, CHL23, CJL23, Com22, CDG23, CCLM23, DU20, DGR21, DK21a, FX21, GMS21c, GK21a, GRHSZ20, GKLP21, GK21b, GL20, IK22, KL21, KN22, KMY20, KKK20, Kil22, LUY21, LL22, LG21, MMS21, SW20b, TW23, UZ23, ZZ21b, DGB23]. **Nonlinearities** [GKK22, LLS20, PS22]. **Nonlinearity** [AC21, CKKP20, DQ23, IMO20, KMY20, Pen23, Tes20]. **Nonlocal** [ALM23, ACC22, ABR22, ADK23, BCFP23, BP23, CKP20, DQ23, DZZ23, DN22, DG20, EB23, HR20, KKK20, KLS23, KT22b, KV20, MW23, Mou20, RS23a, RvW20, XC22, CL22b, DR20a]. **NonMonotonicity** [FP22]. **Nonnegative** [DLQ21]. **Nonorientable** [BK21]. **Nonradial** [DK21a]. **NonResistive** [LS21b]. **Nonreversible** [HNS20]. **Nonscattering** [CHL23, VX21]. **Nonsmooth** [BGT22, FFV20, KR21]. **NonStrictly** [FP20]. **Nontrivial** [LWC22]. **Nonunique** [Dai21b, AW21]. **Nonuniqueness** [AKK+20, BCFP23, Nov20, PS23a, Yam22]. **Nonvanishing** [WYZ23]. **Nordström** [DLY21]. **Normal** [FXX20]. **Normalized** [CT23, YCRS22]. **Norton** [Bel22]. **Novel** [CDLZ21, Kat23]. **Novikov** [AG23]. **Nowak** [TW21]. **Nowhere** [Rös21]. **Nozzle** [FG22, LS23a, Tsu22, WXX21]. **Nozzles** [MWX23, Wan22, XY21]. **Nuclear** [EFK20]. **Nucleation** [MM23]. **Null** [BGK21]. **Null-Spaces** [BGK21]. **Number** [AK23, AHM20, Gal23, GK23, JJL21, MWX23, Ou21, QZ22, ZZ23]. **Numbers** [VX21]. **Numerical** [CFS21, CWSGS20, LZ23b]. **Nutrients** [KL23].

Oblique [CD21]. **Observability** [AT20, LW21]. **Observational** [CM20a]. **Obstacle** [Li22a, MWX23, Tak21, Yos21, ZRW22]. **Obstacles** [CFS23]. **ODE** [EOE20]. **Oldroyd** [LLW21]. **Oldroyd-B** [LLW21]. **Oleinik** [PS23b]. **One** [BH22b, CNW21, CL22b, DS21a, Dod21, HNNW23, HK23, IM21b, JR20, KL21, KvM21, LZZ21, LWZ23, LLS20, LG21, RRV22, Zha21, CLZ22, Ou21]. **One-Cylinder** [Zha21]. **One-Dimensional** [CNW21, CL22b, Dod21, HK23, JR20,

LZZ21, LLS20, LG21, CLZ22, Ou21]. **One-forms** [IM21b]. **One-Phase** [RRV22, DS21a]. **Only** [LWZ23]. **Ono** [Gas23, HZ22a]. **Onsager** [LL21]. **Operator** [AKLM22, BK21, BHL23, BKS23, Den20, GMS21a, GZZ22, Jia20b, LS20, LPS22, LLPZ21, MRB22, SH22]. **Operators** [CGG23, CDL22, DK21b, EIN22, JL21, KPS20, LWW20, SS22b, Yan21a, Zhu21]. **Optical** [Mef21]. **Optics** [BLPS22, Kil22]. **Optimal** [ANWS22, BCR21, BV20a, BGS22, BCDM21, CDL22, Cio21, DG23, EN22, EB23, GKM20, JM23, KLW22b, LS23c, MRB22, PVJ21, Shu20, WWZ23b, Web20, WZZ20, XX23a]. **Optimality** [KUW21]. **Optimization** [BGL23, CHQ22, Har23]. **Optimize** [Li22a]. **Optimizers** [MPV23]. **Orbital** [DU20]. **Order** [BST22, Cai23, CGG23, CCS22, DQ23, Fep21, FJ22, HZ22b, HL22b, IMO20, JLN23, NS21b, NP20, Pen23, RW23, SW20a, KM20]. **Ordinary** [YGD21]. **Organized** [CDS20]. **Oscillating** [BD22, CGG23]. **Oscillations** [HH21, Hal22, HR21]. **Oscillatory** [GZ20a]. **Oseen** [Eit22]. **Oseen-Type** [Eit22]. **Osher** [BV20b]. **Outflow** [Wan23]. **Overdamping** [JM23].

p [Wic23]. **P1** [JJL21]. **Packets** [CM20a]. **Painlevé** [HZ22b]. **Pantograph** [LWC22]. **Parabolic** [BDD+20, CWSGS20, CDL22, CBHS23, DZZ23, Dun21, EM22, HSZ20, IMO20, JLN23, KL21, KN22, KbP21, KNP21, KV22, KS21, LLR20, Li21, LLPZ21, LPW22, LNRV21, Miz20, Zha21]. **Parabolic-parabolic** [Miz20]. **Parameter** [LL20, ND20]. **Parameterization** [YGD21]. **Parameters** [WZ20b]. **Parity** [ADH+22]. **Part** [Cia20, DN22, WZ20b]. **Partial** [BKS23, CGU23, GWZ21, IM21b, Ngu22, XC22]. **Partially** [HWZ22, RS20b]. **Particle** [AK23, CJ21, CHQ22, CDF+22, FOS20, FW21, IMS22, KvM21, LXZ23, RS23a]. **Particle-Based** [IMS22]. **Particles** [BBES22, vM22]. **Passage** [CCS22]. **Passing** [CL21d]. **Passive** [IV22]. **Past** [CKZ21, CXZ22, Eit22]. **Patch** [HW22a, Hu22]. **Patches** [CW22, KL23]. **Path** [RR20]. **Path-Dependent** [RR20]. **Patlak** [GH21a]. **Pattern** [BH23, DR20a, HL20b]. **Patterns** [BHL23, KW23]. **Pauli** [LP20]. **Paveri** [CY21b]. **Payoff** [XX23a]. **PDE** [CEK21, EOE20, Ger21, KT22b, KV21, KRS21]. **PDEs** [BLS22, IK22, KT22a, Per20, RR20, WdlL20]. **Peaked** [DGMP20, MP21a]. **Peakons** [LP22]. **Pekar** [FS20]. **Penalization** [DMS22b, DLW22]. **Pencil** [BP20]. **Pencil-Beam** [BP20]. **Penrose** [GNR22]. **Perfect** [Li20, Oli21]. **Perfectly** [GLS23]. **Perfectly-Matched-Layer** [GLS23]. **Perforated** [Jin20]. **Perimeter** [DLW22, FL21]. **Perimeter-to-Area** [DLW22]. **Perimeters** [MW23]. **Periodic** [BDF21, BP23, CGG23, CT21, Del23, DM20a, Eit22, Fep21, GZ20a, GZZ22, HWZ22, JQSY21, JJZ22, JP20, KMW20, KN23, KZ21a, LY22, LLPZ21, MP21a, MS22, MP21b, Nei20, NS21b, RS21, Sen23, YY22, Yua23, ZZ21a, Zha21]. **Periodically** [WdlL20]. **Periodicity** [BL20]. **Permanent** [HY22a]. **Permittivity** [GH21b]. **Persistence** [FXX20]. **Perspective** [LWZZ22]. **Perturbated** [Gao21]. **Perturbation** [JKZ21, YGD21, YCRS22, ZZZ22b]. **Perturbations** [Cov22, Han20, MP21a, RS20a, YY22, Yua23]. **Perturbed** [BDF21, CK23a, CKZ21, DMS22b, MMR+23, WXX21]. **Petviashvilii** [EGN22]. **Phan** [CLYaY23]. **Phan-Thien** [CLYaY23]. **Phase** [CHXZ21, GM20a, GSS23, GL23, RRV22, SSZ20, WZZ20, ZRW22, DS21a]. **Phase-homogeneous** [CHXZ21].

Phenomena [BF23, FMN21]. **Phenomenon** [ADK23, LWZ21a]. **Phi** [Eva21]. **Phi-Entropy** [Eva21]. **Photon** [BIL+23, SZ22]. **Physical** [CLWX20, DLX21]. **Piecewise** [CDX22, KV20, XX23b]. **Piezoelectricity** [XX23b]. **Piston** [Din23, HK23]. **Pitaevskii** [AHLW21, GZ22, LW20b]. **Placement** [Li22a]. **Plan** [Shu20]. **Planar** [CYY23, DK21c, NP20, WWZ21, Wan23, Yua23]. **Planck** [GWZ21, IS21, BP20, BR23, Bla23, DLY21, FMP22, HY22a, JQSY21, Laf20, LWZZ22, Zhu21]. **Plane** [BIFL20, CF22, Chi22, Hog21, MPZ22, VX21]. **Plasma** [GNR22, RWZ21, Web20]. **Plasmas** [Pan21]. **Plasmonic** [Ngu22]. **plastic** [CR21]. **Plate** [MS22, SS22a, TW23]. **Plates** [BK23b, IOPR21]. **Poincaré** [AKLM22, LPS22, WKM23, YL22]. **Point** [CCFO21, GNNCR20, LN20, Mar22, Ros20]. **Points** [ADH+22, ACL22, GZZ22, LW21, Tio23]. **Poiseuille** [Del23]. **Poisson** [Bla23, GZW21, HLlZ23, LW23a, BMM22, CCZ22, CMZZ22, DM20b, DYZ21, GZW21, GWZ21, HY22a, HY22b, KR21, LW23a, Liu23, Pan23, PL23, Reg21, Saf20, Sun21, WW23, ZZZ22b]. **Polariton** [DLL20]. **Polaritons** [CH21b]. **Polarization** [LNRV21]. **Polaron** [CCFO21]. **Polyatomic** [HRY22]. **Polyconvex** [Tio23]. **Polygonal** [BFV21]. **Polygons** [FMMS22, MS20a]. **Polyharmonic** [BKS23]. **Polyhedral** [ABFV22]. **Polymer** [GK23]. **Polymeric** [CLYaY23, DS23]. **Polynomial** [KPS20, KT22b]. **Polynomially** [HW22b]. **Polynomials** [AHLW21, JL21, LW20b]. **Population** [FS22, Fue20, KW23, LS21a, LT22]. **Poroelasticity** [BCMW21]. **Porous** [CGU23, DGT20, EK20, Fep21, GMN22, GK21a, GBS20, HL21, KM23, LKPR20, RvW20, RS23b]. **Posed** [WdlL20]. **Posedness** [AG23, BT23, BBES22, CW21, CGS23, DGV22, DST20, DGWZ23, HW22b, HHS23, HK23, HL22a, JWX22, LWZ21b, LR21, LW23b, MS20d, Pec20, TW22b, Wan21, Zha23, Boc20, HH21, LY21, WY21, YYZ21]. **Positions** [FG22]. **Positive** [KMY20, QZ22]. **Possibly** [CGU23, WdlL20]. **Potential** [BGK21, Bar23, CFHX20, Den20, Den21, FXX20, HLlZ23, HW22b, HZ22a, JL21, KV22, LN20, Li21, LLW22, LW23a, LLX21, MP21b, RS21, SW20a, Tet22, YZZ22]. **Potentials** [AB21, BCDM21, CGG23, Cha23, GMS23, GZZ22, HL20a, KL22, Li22b, SS22b, Sne20, WO23]. **Prandtl** [DLX21, LYZ23, WZ20a]. **Predator** [Fue20, HNNW23, TW22a]. **Predator-** [Fue20]. **Predator-Prey** [TW22a]. **Prepared** [GHM22, OY22]. **Presence** [LZ20]. **Pressure** [AB21, Bar20, CDLLSG20, DJ20, WZ20a]. **Pressureless** [HY22b]. **Preventing** [BCJ20, HJ11]. **Prevention** [KS21]. **Prey** [Fue20, HNNW23, TW22a]. **Prey-Taxis** [Fue20]. **Principal** [LLPZ21, MPV23]. **Principle** [CL23, Gao21, HLL21, KMW20, MRB22, SS20]. **Principles** [DMRS20, GIT20]. **Priori** [MW20, LZ21]. **Probabilistic** [WO23]. **Probability** [GMŚ21b, JQSY21, WKM23]. **Problem** [AC21, AKK+20, AB21, Bar20, BHL23, BKS23, BO21, BDF21, BGL23, CGU23, CFHX20, CL21b, CHS22, CCS22, CJL23, CH21b, CDG23, Cov22, CF20, Din23, DLW22, DYZ21, DG23, EFHS21, Eit22, EZ20, FMW23, GM20a, GK21a, GKLP21, GZ20b, Har23, HXH22, HC21, HK23, HL22a, IY20, Jin20, Jui20, JL21, KMY20, KUW21, KLW22b, KRS21, LLR20, Li20, Li21, LWZ21b, LZ23a, Lia22, LLW21, LY23, LNRV21, MRB22, Mef21, MW20, Ou21, PVJ21, PZ23, PST23, Ric23, RRV22, Rül21, SSZ20, SW22c, SZ22, Tak21, TW23, UZ23, Wan20, Wan23, Web20, WXX21, YL22].

Problems [ACL22, ANPS21, BL21, CDLZ21, CNW20, CDLLSG20, CCM21, CC23, CDL22, CT23, DS21a, EI20, GMS23, GZ20a, HL20b, IK22, KL21, KKK20, KM20, Kil22, KV21, MPV23, MP20b, Sen23, Ste20, WW23, Yan21a, ZRW22]. **Processes** [Bob23, CDX21, CCKW21, KMW20]. **Product** [YYZ21, ZZ21b]. **Profile** [CXZ22, Kil22]. **Profiles** [FP22, KMY20]. **Project** [FFV21]. **Proof** [FLS20, Sai23]. **Proofs** [Nem21]. **Propagating** [KMY20]. **Propagation** [ADK23, BJ23, HWZ22, KZ21a, LS23b, LLN20, LLW20, Reg21, WZ23]. **Properties** [DMS22b, Mon20]. **Property** [CY22, MRB22, Ngu22]. **Protein** [GSS23]. **Prototypical** [FP20]. **Pseudospectra** [AS20]. **Pulled** [AS21]. **Pulse** [CRS21]. **Pulses** [MV23]. **Pure** [IPTT22, PST23]. **Purely** [BMPS21]. **Pursuit** [EB23]. **Pushed** [vM22].

Qian [LW20a]. **Quadrant** [IK22]. **Quadratic** [BGMW20, CKW20, GMS21c]. **Qualitative** [TW22a]. **Quantifying** [ADK23]. **Quantitative** [AKKY23, Bar23, Bla23, EN22, HNS20, JR21, KvM21, LLN20, MRB22, MPZ22, Sim21]. **Quantum** [AHM20, BY20, BT23, CKP$^+$22, FSW22]. **Quasi** [CLMZ23, EIN22, FFV21, LN20, LPW22, Nov20, PL23, Ros20, Sai23, WdlL20]. **Quasi-Convex** [EIN22]. **Quasi-Crystalline** [FFV21]. **Quasi-Geostrophic** [Nov20, Ros20]. **Quasi-Linear** [LPW22]. **Quasi-Linearity** [Sai23]. **Quasi-Neutral** [CLMZ23, PL23]. **Quasi-Periodically** [WdlL20]. **Quasi-stationary** [LN20]. **Quasiconvexity** [KV21]. **Quasilinear** [DM21, JLN23, KN22, KbP21, Kil22]. **Quasilocal** [Cov22]. **Quasineutral** [DM20b]. **Queueing** [BK20b]. **Quintic** [CGZ20, KMV21].

R2 [Kat23]. **R3** [FMW23]. **Radial** [DN22, LZ22, TT22, Tan21]. **Radially** [CCW23]. **Radiating** [JZZ22]. **Radiation** [CCZ22, JJL21, Wan21]. **Radiationless** [BL21]. **Radiative** [GHM22, RZZ21]. **Radon** [Kat20, Kat23]. **Ramified** [XX23a]. **Random** [BCR21, BH23, CTL22, Gao21, HJJ20, HNNW23, HT23, LLW22, WKM23]. **Randomized** [RR20]. **Range** [BBC20, MS21, ST20a]. **Rank** [DS22]. **Rank-Deficient** [DS22]. **Rarefaction** [WWZ21, YZ21, ZZZ22b]. **Rascle** [CHLL22]. **Rate** [BMPS21, CR21, IV22, Wan23, WWZ23b]. **Rate-Independent** [CR21]. **Rate-Type** [BMPS21]. **Rates** [Bar23, CLYaY23, CC22, DK23, FLS20, HL23b, JM23, LS23c, MWX23, RW23, Wan21]. **Ratio** [DLW22, ZZ21a]. **Ray** [BKS23, Mon20, IM21b, MS23a]. **Rayleigh** [GLY20, LZ23a]. **Reacting** [LS23a]. **Reaction** [CMT21, DM20a, EMT20, FHKM22, FMTY21, GR23, HH20, HWZ22, IMS22, KM23, LLN20, MV23, MSY23, RH20, ZZ21a, dN23]. **Reaction-Diffusion** [CMT21, DM20a, EMT20, HH20, HWZ22, IMS22, RH20, ZZ21a, dN23]. **Reaction-Diffusion-Advection** [FMTY21]. **Real** [GNNCR20, Jui20, Nem21]. **Reconstructing** [ACL22]. **Reconstruction** [CDGH20, JKZ21, LL20, LUY21, Mef21, SL22]. **Recovering** [DH21, XX23b]. **Recovery** [KST23, Tet22]. **Recursive** [FP22]. **Reduced** [BK23b]. **Reduction** [Nei20]. **Reflecting** [CDF$^+$22]. **Reflection** [HW22c, KSS23, SL22]. **Reformulated** [KPS20]. **Regime** [HJJ20]. **Regimes** [FJ22]. **Regular** [CLZ22, DK21c]. **Regularity** [AG23, BK20a, CTL22, CEK21, CMX22, CH21a, CK23b, CFHX20, CCS22, Che22, CLLZ23, CHL23, CDL22, CD20, DK23, Den21, DW20, DGWZ23, DMS22c, DG23,

FMMS22, FFV20, GLW22, GHK20, Gol23, GWZ21, HJLZ21, KT20, KT22b, Kwe23, LLX21, MS20a, MPZ22, NS21a, Pec20, Ran23, Reg21, Sun21, TT22, Wic23, Zhu21, CCM21]. **Regularization** [ADdR22, Mon20]. **Regularized** [CS23, EN22]. **Regularizing** [GJ21, Jia20b]. **Regulated** [JR20]. **Related** [BO21, CJL23, GMS23, LS20]. **Relation** [CKP20]. **Relations** [GH21b, Mon20]. **Relative** [FLS20, HL23b]. **Relativistic** [BDF21, Din23, HY21, HRY22, KR21, LS23b, LLW20, Oli21]. **Relaxation** [CHLL22, CBHS23, Eva21, HR21, KZ21b, RS20b]. **ReLU** [JLL+23]. **ReLU-Sine-Exponential** [JLL+23]. **Remark** [Yos21]. **Remodeling** [DL22a]. **Repartition** [LN20]. **Repelling** [vM22]. **Replication** [CRS21]. **Representation** [CFV20]. **Representations** [JMQ23]. **Reproduction** [ZZ21a]. **Requirements** [Fos21]. **Resolution** [Kat20, Kat23]. **Resolvent** [AS21, Eit22]. **Resonance** [DLL20]. **Resonating** [MS23b]. **Resonators** [CK23a]. **Respect** [EYZ22]. **Response** [BMPS21, WdlL20]. **Result** [ARS21, CDLLSG20, DL22a, FW21]. **Results** [Bla23, BGT22, CFS21, DM21, DMS22c, Gol23, HNS20, KT20, VX21]. **Retrieval** [GL23]. **Revisited** [DMRS20, HZ22a, KLSZ22, Kre21, SW22b, SW22c]. **Richardson** [ZZ23]. **Riemann** [AKK+20, DR20b, ED22]. **Rigid** [BNSS23, CGG20, LXZ23, RSS21]. **Rigidity** [NS20b, Sim21]. **Rigorous** [AMP22, Eme21, LW20a, LKPR20, LWZZ22]. **Ring** [CKW20]. **Rings** [AHLW21]. **RN** [CT23]. **RNA** [GSS23]. **RNA-Protein** [GSS23]. **Robin** [AM22, BGT22, BK22, GZ20a]. **Robin-Laplacian** [BGT22]. **Robustness** [WKM23]. **Rolling** [ALV23]. **Roots** [BGS22, KT22b]. **Rotating** [Eit22, GLP23, JSW23]. **Rotational** [Lai20]. **Rough** [Kat23, NK21, WZ23, Zhu21].

Saint [KL22]. **Saint-Venant** [KL22]. **Sakaguchi** [CHXZ21, HSZ20]. **Sampled** [GL23]. **Sampler** [DL21]. **Sampling** [MS23a, Ste20]. **Santaló** [FL21]. **Saxton** [GLW22, GLW23]. **Scalar** [Bar20, BGK21, DMS22c, DR20b, GJ21, HW22a, JR20, KV20, RS23a, Yua23]. **Scale** [FFV21, SX20b]. **Scaled** [DCWF+22]. **Scaling** [GKM20]. **Scattered** [KN23]. **Scatterer** [RSS21]. **Scattering** [BL21, CFS23, CEW21, CGS23, CGZ20, CHL23, CM20b, KMV21, Kre21, LLW22, LSW23, MPMS23, NS20b, Pan23, RS20a, Tes20]. **Schauder** [CL22b]. **Scheme** [BV20b]. **Schnirelmann** [CT23]. **Schödinger** [HL20a]. **Schrödinger** [AKV20, BSW23, BHL23, CGG23, CL20, CF22, CLLZ23, CGZ20, CJL23, Com22, CCLM23, CS23, DLQ21, DU20, DK21a, FX21, GMS23, GZZ22, LP20, LL22, LY22, LM21, MRB22, MP21b, SS22b, SW20b, Tet22, ZZ21b]. **SDE** [CDF+22]. **Second** [CGG23, Har20, NP20, CL23]. **Second-Order** [CGG23]. **Sectional** [KL22]. **Segel** [BCJ20, GH21a, CKW20, CBHS23, HJ11, MP20a, Miz20, Win20]. **Self** [CDS20, DG20, WJW22]. **Self-Organized** [CDS20]. **Self-Similar** [DG20, WJW22]. **Semi** [Lai20]. **Semi-Infinite** [Lai20]. **Semiclassical** [GZ22, LS23b, Ste20]. **Semiconcave** [EZ20]. **Semiconductor** [CMZZ22]. **Semiconductors** [CLMZ23, WMZZ21]. **Semidefinite** [Har23]. **Semidiscrete** [ANWS22, BV20b]. **Semigroup** [Den20, Ger21]. **Semigroups** [FZ21]. **Semilinear** [HS23, RZ21]. **Semipermeable** [Bob20]. **Sensitivity** [ACL22, Cia20, HJJ20, KS21]. **Separability** [RZZ21]. **Separated** [Bob20]. **Sequential** [Dod21]. **Series** [JL21]. **Sets** [Fos21, IM21a]. **Setting** [KS21]. **Several** [GJ21, PL23]. **Shallow** [Boc20, Eme21]. **Sham**

[SCB20, SCB17]. **Shape** [Sim21]. **Shaped** [Liu23]. **Shapes** [BGS22]. **Sharp** [AF23, ACC22, CLYaY23, Har20, HL23b, Jia20b, LPW21, Mon20]. **Shaw** [Chu23]. **Shear** [Hog21, Jia20a, WWZ23b, Zho22]. **Sheet** [BIFL20]. **Shells** [MM23]. **Sheng** [LW20a]. **Shigesada** [Mou20]. **Shock** [CFHX20, Din23, FXX20, HK23, HL22b, LG21, PX22, WXX21, Yan21b]. **Shocks** [CKZ21, DR20b, FG22, GLY20, HKK23, YY22, Yua23]. **Short** [FLS20, ST20a]. **Short-Range** [ST20a]. **Shortening** [MB20]. **Sign** [GIT20]. **Signorini** [HS23]. **Similar** [DG20, WJW22]. **Simple** [CJL21, MS23a]. **Simplified** [FGW21, Zho22]. **Sine** [JLL+23]. **Single** [HL20b, Rül21]. **Singular** [CGU23, CL22b, GMS23, Han20, HR20, HY22a, KL21, KS21, Lia22, LLX21, MPV23, Pin21, RS23a, SX20b, TW21]. **Singularities** [CCZ21, DK21c]. **Singularity** [CCW23]. **Sinkhorn** [EN22]. **Sixth** [RW23, SW20a]. **Sixth-Order** [SW20a]. **Size** [BCR21]. **Skew** [AT20]. **Skew-Adjoint** [AT20]. **Slightly** [PST23]. **Slip** [BIFL20, Ngu20]. **Slot** [CD21]. **Slow** [CL21a, HR21]. **Slow-Fast** [HR21]. **Slowly** [HZ22a]. **Small** [CK23a, HJLZ21, RW23, Tes20, Win20]. **Small-Mass** [Win20]. **Smallness** [KZ21a]. **Smooth** [ADBP21, FMN21, GV21, HL22b, KV20, LSYZ21, MMSH21, Wan22, WMZZ21]. **Smoothed** [FW21]. **Smoothing** [Zha22]. **Sobolev** [DG23, JWX22, LYZ23, MPZ22, PS23a, YCRS22]. **Soft** [Den20, HW22b, Li22b, LW23a]. **Solid** [CGG20, SL22]. **Solidification** [CGG20]. **Solids** [DMS22a, RS23b]. **Solitary** [EGN22, IPTT22, LOWX20, MS20b, Sin21]. **Soliton** [HZ22a]. **Solitons** [CM23b]. **Solution** [AKK+20, CHXZ21, Dod21, Don22, GMS21a, GHW21, GZ20b, GZW21, HW22c, Jui20, MRR20, Tsu22, Wan23]. **Solutions** [AW21, AK23, ADBP21, BSW23, BH22a, BT23, BDF21, BCGJ22, BT21, BGMW20, BFN20, BPSS22, CGG20, CM23a, CJ21, CLZ22, CL22a, CS22, CH21a, CF22, CFHX20, CKW20, CL21b, CEW21, CCZ21, CCZ22, CHS22, CLYaY23, CCM21, CHLL22, CT23, CD20, Com22, CKP20, CR21, DLQ21, Dai21b, DQ23, DS23, DU20, DL22b, Din23, DK21a, DGMP20, DLY21, DM22, DG23, EK20, FP20, FMN21, Fue20, GMS23, GLSW23, GLW22, GLW23, GM20a, GK20, GLM20, GKK22, Gin21, GLRS22, GWZ21, GK21b, GWX21, HH23, HMNW20, HR20, HY22a, HC21, HK23, HL22a, HY21, IKL20, IS21, JQSY21, JZZ22, JJZ22, KR23, KMY20, KR21, KLW22a, KKNN22, KV20, LZ22, LS21b, Li22b, Lia22, LY22, LWZ23, LM21, LWC22, LX23, LY23, MMN23, MS22, MSY23, MPS21, NS21a, Nei20, Nov20, NS21b, Ou21, Pan23]. **Solutions** [Pan20, Pen23, Per20, PST23, QZ22, RS23a, RR20, RW23, ST21, TR20, WdlL20, Wan21, WZ22, WJW22, Wic23, Win20, WZ20b, YZZ22, YCRS22, ZLZ20]. **Solvability** [DL22a, JWW23, LZ23b, Zho22]. **Some** [CFS21, Eme21, FP21, MW23, SSZ20]. **Sonic** [CMZZ22, HC21, Hu22, Wan22]. **Sonic-Supersonic** [Wan22, HC21]. **Sorting** [CC22]. **Sound** [MPMS23]. **Source** [CY21a, DMS22c, EI20, GLRS22, HL20b, IY20, JKZ21, KM20, KST23, KS21, RZ20, SW22c]. **Source-Destination** [DMS22c]. **Sources** [BL21]. **Space** [AW21, CM23b, Chi22, CK22, DCWF+22, DYZ21, DM22, GJ21, HW22c, JWX22, JMQ23, JKZ21, Kof23, Kor22, KRS21, LLR20, LL21, LY21, MP20a, PL23, RRV22, SUT22, TR20, WWZ21, WO23, WZZ20, WW23, YYZ21, ZZ21b]. **Space-Fractional** [RRV22, TR20]. **Space-Time** [DM22, LLR20, SUT22]. **Space-Time-Dependent** [JKZ21]. **Space-Times** [Kof23]. **Spaces** [BGK21, BT21, CLLZ23, DK23, GMŚ21b, KT20, MMS21, Pec20, WJW22, CY21a]. **Sparse** [RZ20]. **Spatial** [KNP21, KLSZ22]. **Spatio** [ADVW20]. **Spatio-Temporal**

[ADVW20]. **SPDEs** [CL23, CL22b, HLL21]. **Species** [ALV23, DL22a, LRW20]. **Spectra** [DS22]. **Spectral** [AKLM22, CGY21, CLLZ23, CCLM23, LP22]. **Spectrum** [AS21, CK23a, Com22]. **Speed** [LLW20]. **Speeds** [MPMS23]. **Sphere** [AMP22, Ngu22, Zha21]. **Spherical** [BMPS21, Dai21a]. **Spherically** [AK23, KR21, Pan21]. **Spin** [AKV20]. **Spiral** [Dai21a, DS22, DK21c]. **Split** [LS21a]. **Spreading** [MSY23]. **Square** [YZZ22]. **Squared** [DN20]. **Stability** [ACC22, ACC$^+$21, ACC$^+$23, AS21, BFLP21, BHL23, BD22, BFN20, BGT22, CM23b, CKZ21, CLYaY23, CM22, CHXZ21, CCLM23, DU20, Din23, DR20b, EN22, EK20, EI20, GLY20, GR23, Hal23, HH20, HTY21, HL20a, HXH22, JLN23, JZZ22, JWW23, KM20, KL23, KW23, KUW21, KLW22b, KRS21, KV20, LZ22, LWZ21b, LG21, LPW22, LWC22, LM20, Ma22, MMN23, MMR$^+$23, MRB22, Mef21, MS20b, Oli21, Rül21, SW20b, Wan23, WXX21, WYZ23, YZ21, ZZZ22a, ZZ23, ZZZ22b]. **Stabilization** [BLW20]. **Stabilizing** [LWZ21a, LZ23a]. **Stable** [ABFV22, BFV21, CCKW21, EFHS21, GNR22, KST23, RSS21]. **Stable-like** [CCKW21]. **Stacking** [CT21]. **Standing** [CCLM23]. **Star** [HY22b, KPS20]. **Star-Even** [KPS20]. **Stark** [CKP$^+$22]. **Stars** [JSW23]. **State** [AMMT22, BBD$^+$23, BK20b, CJL21, CLMZ23, Dod21, KMW20, KST23, KTT20, Oli21, YGD21]. **State-Constraint** [KTT20]. **State-Dependent** [BK20b, KMW20, YGD21]. **States** [BLS22, CMZZ22, DGR21, Fue20, GV21, GLP23, KbP21, PS22, Saf20, WMZZ21, WYZ23]. **Static** [AK23, CLLZ23, DLQ21, KTT20]. **Statics** [KV21, OP20]. **Stationarity** [KNP21]. **Stationary** [BP20, BO21, CKW20, CEW21, CCKW21, DGR21, GLY20, HL21, HY21, Kof23, Wan23, LN20]. **Steady** [CWZ20, CW22, CKZ21, CMZZ22, CLMZ23, DLX21, DW21, FXX20, FG22, Fue20, Hu22, KR23, KLW22a, LYZ23, PX22, WMZZ21]. **Steady-State** [CLMZ23]. **Steady-States** [CMZZ22]. **Stefan** [HJT22, Lia22, RRV22]. **Steklov** [ABHN21, Hal23, LS20]. **Stellar** [HH21, Hal22]. **Stellarator** [GRR23]. **Step** [GM20b]. **Step-like** [GM20b]. **Stewartson** [EGN22, KSS23]. **STFT** [GL23]. **Stochastic** [BK20a, BEM21, CCS23, CS23, DGT20, DM20b, DGWZ23, FX21, FOS20, GL20, HNS20, HHS23, IMS22, LWC22, LW23b, RWZZ20, WKM23, Wic23, XC22, Zha22]. **Stokes** [AF23, BFN20, BH22b, DM20b, Ger23, GZW21, GWZ21, LS23c, RvW20, Sun21, WW23, YZ21, ZZZ22b, AKKY23, AB21, AHM20, Bar23, BP21, BCMW21, BT21, BFHZ22, CLZ22, CL22a, CK23b, CL21c, CDX22, CD20, DK23, DL22b, DW20, Fep21, FJ22, FOS20, GH21a, GWX21, HKK23, HL23a, HR23, HL22a, KLW22a, Kwe23, LXZ23, LX23, LY23, MS20a, Ngu20, Ou21, OY22, PZ23, SS22a, ST21, TWZ20, VY23, WZ22, WJW22, WKM23, WZ23, WWZ23b, Win20, WYZ23, Yam22, YY22, ZZZ22a, ZLZ20, ZZ23, Zho22]. **Stokes/Allen** [AF23, HL23b]. **Strain** [BPSS22, CY22]. **Strain-Limiting** [BPSS22]. **Strained** [KP21]. **Strains** [RS23b]. **Strange** [Rös21]. **Strategy** [ALV23]. **Stratified** [Sin21]. **Stream** [CD21]. **Stress** [AKKY23, BMPS21, KL22, LXZ23, LLW21]. **Stress-Diffusion** [BMPS21]. **Stretching** [HR20]. **Strichartz** [Zha22]. **Strict** [Ran23]. **Strictly** [Jui20, NS20b]. **Strip** [Del23, MMN23, WW22]. **Strong** [Bla23, BFN20, CL22a, CHS22, CKP$^+$22, DS23, DM22, EM22, FSW22, GMS21a, GLRS22, GZW21, GWX21, HHS23, HJT22, KW23, KR21, MRR20, PX22, Saf20, SS22a, WdlL20, Wan21, Wic23]. **Strongly** [DGB23, SX20a]. **Structural** [LY21, WXX21]. **Structure**

[AKLM22, BMM22, FXX20, GLW22, Ger21, MRR20, Ngu22, Per20]. **Structured** [FS22, FP21, PR20]. **Structures** [Boc20, CDLZ21, FMP22, LX23]. **Study** [CM23b, CK22, ED22, KT22a]. **Subdiffusion** [JKZ21]. **Subdomains** [FMW23]. **Sublinear** [FZ21]. **Subsonic** [CXZ22, PX22]. **Subwavelength** [ADH+22]. **Sufficient** [BFLP21]. **Suitable** [GWZ21]. **Superconductors** [KbP21]. **Supercritical** [LL22, PST23]. **Superlinear** [DL22b]. **Superposition** [YZ21]. **Superquadratic** [LY22]. **Supersonic** [CKZ21, Hu22, Lai20, LS23a, Wan22, XY21, HC21]. **Supersonic-Sonic** [Hu22]. **Support** [AW21]. **Suppression** [He23]. **Surface** [BBC20, BK21, DLL20, DS21b, Gin21, LZ21, MW20, Pro20, Ros20, TW22b, WX21]. **Surfaces** [BGK21, CT21, CY22, MS23a, dN23]. **Suspending** [LXZ23]. **Suspensions** [NS20a]. **Swarm** [CHQ22]. **Sweeping** [KMW20]. **Swelling** [EOE20, RS23b]. **Switching** [HNNW23, MS20c]. **Symmetric** [ADH+22, AK23, ABD22, BST22, CCW23, CCKW21, DW21, GMS23, KR21, Pan21, RS20a, Yos21]. **Symmetry** [BP23, BLS22, DMS22b, DN22, Nei20, TT22, Tan21, WWZ23b]. **Synchronizing** [Pro20]. **System** [AF23, AKK+20, AMP22, AK23, BO21, BFHZ22, BFN20, BH22b, CJ21, CL22a, CL20, CMX22, CCZ22, CHS22, CLYaY23, CHL23, CDF+22, CBHS23, CR21, Dai21b, DLL20, DL22b, Din23, DST20, DM20b, DLY21, DYZ21, EK20, FP22, FHM20, Fep21, FFV20, FP20, FMN21, GK20, GHM22, GLRS22, GH21a, GZW21, GWX21, HL23a, He23, HLlZ23, HL23b, HS23, HY22a, HY22b, HL22a, JZZ22, JWW23, KbP21, KR21, LWZ21a, Lea23, LS21b, LY21, LS23c, LW23a, LWZ23, LM21, LG21, LRW20, MP20a, Miz20, Pan23, Pec20, PW21, Pen23, PL23, Reg21, Saf20, Sai23, SX20a, TT22, TW22a, Win20, ZZ23, ZZZ22b, Zho22]. **Systems** [ADdR22, AT20, BBC20, BCC+22, BT23, BMZ23, BNP22, BDD+20, BST22, BCGJ22, CCS23, CDX22, CMT21, DQ23, DR20a, DGR21, DJ20, DM22, EMT20, FHKM22, FMTY21, FOS20, GNNCR20, HH20, HR20, HR21, HWZ22, HJT22, JMQ23, KvM21, LZ20, MMSH21, MV23, Mou20, Nei20, Per20, RH20, WdlL20, WWZ23a, Wic23, WZ20b, ZZ21a]. **Szego** [ABD22, GG20].

Tails [AL23]. **Tangential** [WY21]. **Tanner** [CLYaY23]. **Taxis** [Fue20, JWW23, TW21]. **Taxis-driven** [TW21]. **Taylor** [LZ23a]. **Telegrapher** [BFLP21]. **Temperature** [CL22a, CMX22, WZ22, Zho22]. **Temperature-Dependent** [CL22a, Zho22]. **Temperature-Depending** [WZ22]. **Tempered** [LWC22]. **Temporal** [ADVW20, Wic23]. **Tension** [GMS21c, LZ21, MW20, TW22b, WX21]. **Tensor** [LW20a, MS21]. **Tensors** [CY22]. **Teramoto** [Mou20]. **Term** [CGU23, CCZ22, Jia20b, KM23, RZ20, Sun21, Tsu22, MB20]. **Terminal** [DGMP20]. **Terms** [DGR21, KT20]. **Terrace** [GKK22, KMY20]. **Tessellations** [HT23]. **Textiles** [GOW20]. **TFDW** [SAB21]. **Their** [BMR20, CNW20, JL21, JMQ23]. **Theorem** [CGY21, FX21, KT22a, KV22, CL23]. **Theorems** [Bob23, LSW23, LW23b]. **Theoretical** [CFS21, SCB17, SCB20]. **Theory** [ADVW20, BDMA22, CH21a, CLLZ23, CM20b, GL23, LW20a, MMS21, NS21b, TW22a, WWZ23a]. **Thermistor** [BO21]. **Thermoelastic** [TW23]. **Thermoelasticity** [HSV20, HSV21]. **Thickness** [MM23]. **Thien** [CLYaY23]. **Thin** [AKLM22, Bob20, CW21, CDLLSG20, Har20, WW22]. **Three** [ALM23, BLPS22, BP21, CW21, CKZ21, CLYaY23, Dai21b, DS21b, DW20, FJ22, FGW21, GMS21c, GL20, Hu22, JJZ22,

LS23a, Ngu22, SX20b, Wan20, WWZ21, WXX21, XY21, ZLZ20, ZZ21b]. **Three-Dimensional** [BP21, CW21, CKZ21, CLYaY23, Dai21b, DS21b, GMS21c, Hu22, JJZ22, LS23a, Wan20, WXX21, XY21, DW20]. **Three-Scale** [SX20b]. **Three-Sphere** [Ngu22]. **Three-Wave** [ALM23]. **ThreeFold** [GZZ22]. **Threshold** [ADK23, CM23a, Del23, GH21a, KMV21, LS21a, TT22, YZZ22, ZZ23]. **Through-the-Thickness** [MM23]. **Tiles** [Pro20]. **Time** [ADH$^+$22, BFLP21, BR23, BDOZ21, BHL23, BL20, CGG20, CCFO21, CLYaY23, CCM21, CC23, CKKP20, CD20, DM20a, DK21a, DZZ23, DM22, DR20b, DG20, Eit22, FS22, GLM20, GHW21, GM20b, HH21, Hal22, HKK23, HXH22, HSV20, HWZ22, JLN23, JM23, JKZ21, KbP21, KM20, KST23, KRS21, KS21, LLR20, Li21, LS21b, LW21, LPW21, LS23c, LLW20, LM21, LLPZ21, MRR20, MS22, MS23b, MPS21, NS21a, OP20, Pan21, Pin21, RR20, RWZ21, SX20a, SCB17, SCB20, SUT22, Tet22, WZZ20, XC22, ZZ21b, LS21a, Miz20, Ou21, PW21]. **Time-Decay** [LS23c]. **Time-Dependent** [BR23, CCFO21, GLM20, GHW21, JM23, SCB17, Tet22, Li21, SCB20]. **Time-Domain** [HSV20, MS23b]. **Time-fractional** [KM20]. **Time-Harmonic** [CC23, Hal22, OP20, CCM21, HH21]. **Time-Periodic** [DM20a, Eit22, HWZ22, LLPZ21, MS22]. **Time-Periodicity** [BL20]. **Time-Singular** [Pin21]. **Time-Symmetric** [ADH$^+$22]. **Time-varying** [BFLP21]. **Times** [Kof23]. **Timescale** [BNP22]. **Timoshenko** [CDG23]. **Tissue** [DL22a, LX21]. **Toda** [WZ20b]. **Tomography** [CDGH20, GHK20, IM21b, Mef21]. **Topologically** [ST20a]. **Tortorelli** [BCR21]. **Torus** [Eva21, FMN21, Gas23, LW22, SW20b]. **Total** [CDN21, IM21a]. **Trace** [Gol23]. **Traces** [DH21, EM22, Fos21]. **Traffic** [CF21, CY21b, CHLL22, DMS22c, Hol22]. **Trailing** [CXZ22]. **Transfer** [GHM22, IV22, RZZ21, Shu20]. **Transform** [CDX21, Chi22, Kat20, Kat23, LSW23, Mon20, MS23a]. **Transformation** [BLPS22]. **Transforms** [BKS23, Dun21, MS21]. **Transient** [HSV21]. **Transition** [Del23]. **Transmission** [ACL22, BL21, CN21, CM20b, EFHS21, FN23, JL21]. **Transonic** [CMZZ22, FG22, GLY20, Hu22, PX22, WMZZ21, WXX21]. **Transport** [ANWS22, BL20, BCGJ22, BFHZ22, BV20a, Cio21, CKP20, DG23, EN22, FP21, GKM20, HHS23, HJLZ21, JK22, Jui20, LL20, RZ21, SS20, SZ22, Zhu21]. **Transportation** [GZ20b, PVJ21, XX23a]. **Transversally** [Yan21a]. **Trapping** [CWSGS20, GMS21a]. **Traveling** [BD22, BP23, FP22, HH20, LW20b, ST21, Zil23]. **Treatment** [Hal22]. **Tree** [BGS22]. **Triangular** [BCGJ22, Mou20]. **Triple** [DGV22, ELM21]. **Truncated** [GMS21a]. **Truncation** [GLS23]. **Truncations** [SS22b]. **Tug** [ALP21b]. **Tug-of-War** [ALP21b]. **Tumor** [HXH22, KL23]. **Tunneling** [FSW22]. **Turnpike** [MRB22]. **Two** [AKK$^+$20, ADL20, BKPY23, BFV21, BCJ20, CWZ20, CMX22, CGZ20, CKP$^+$22, DL22a, DK21b, DW21, FFV21, GLY20, GM20a, GK22, GRR23, HTY21, HNNW23, HJ11, HC21, HL22a, IKL20, JR21, Kor22, KKNN22, LS21b, LW21, LRW20, MP20a, Mar22, Nem21, PX22, PL23, SSZ20, Sin21, SZ22, Sun21, WZ20a, Win20, WZZ20, Yam22, YL22, YY22, Zha21, CHS22]. **Two-Component** [BKPY23, YL22]. **Two-Dimensional** [ADL20, BFV21, BCJ20, CWZ20, CMX22, CGZ20, CKP$^+$22, GK22, GRR23, HJ11, HC21, HL22a, IKL20, LS21b, Mar22, PX22, Sun21, Win20, Yam22, GLY20, WZ20a, CHS22]. **Two-Dimensional-Hyperbolic** [MP20a].

Two-Fluid [PL23]. **Two-Layer** [Kor22, Sin21]. **Two-Phase** [GM20a, SSZ20, WZZ20]. **Two-Scale-Cut-and-Project** [FFV21]. **Two-Sphere** [Zha21]. **Type** [ABD22, ALP21b, BGMW20, BMPS21, CL21b, CHL23, CY21b, DLQ21, DST20, EGN22, Eit22, EIN22, FMN21, HLL21, HSV21, JWX22, KLS23, MS20d, RW23, SW22b, SW20a, TW21, Tes20, TR20, AB21, HC21].

Unbalanced [dN23]. **Unbounded** [AS20, BCDM21, IM21a, WKM23]. **Uncertainty** [GIT20, SS20]. **Unconditional** [Gol23]. **Uniaxial** [LW20a]. **Unidirectional** [Lea23]. **Unified** [Jin20]. **Uniform** [BDOZ21, Cai23, CMT21, Don22, FOS20, IKL20, Reg21]. **Uniformly** [BDN22]. **Unimodal** [FP22]. **Unions** [NS20b]. **Unique** [RZ21, SL22]. **Uniqueness** [BK23a, BLS22, BPSS22, CNW20, CJL23, CKP20, Cov22, DS23, FS20, GL23, HJT22, KT20, KLW22b, KV20, MRR20, Mef21, SS22a, XX23b]. **Unit** [GNNCR20]. **Unknowns** [Har23]. **Unsaturated** [LKPR20]. **Unsteady** [FXX20, WZ20a]. **Upper** [Chu23]. **Upscaling** [LKPR20]. **Using** [BH23, GH21b, JL21, MS23b].

Vacuum [CLZ22, CHS22, HL22a, LY23, Ou21, WYZ23]. **Validation** [KP21]. **Validity** [LYZ23]. **Value** [AC21, ANPS21, CHS22, CDL22, DK23, GZ20a, HC21, KKK20, Kil22, KUW21, UZ23, YL22, ZRW22]. **Valued** [BV20a, Gal23, GK21b]. **Values** [Kor22, RWZZ20]. **Vanishing** [BH22b, CFS22, EB23, WX21, WWZ23b, Zho22]. **Vapor** [RvW20]. **Variable** [Chu23, JSW23, LLS20]. **Variation** [CDN21, IM21a]. **Variational** [CFV20, CY21a, CCM21, CJL23, CDG23, DMRS20, Han20, IM21a, KP21, MMS21, MP20b]. **Variational-Hemivariational** [Han20, MP20b]. **Varying** [HZ22a, BFLP21]. **Vasculogenesis** [CBHS23, LPW22]. **Vector** [AB21, BGK21, Cio21, GRR23, MPC22, PS23a]. **Vectors** [WdlL20]. **Velocity** [AL23, JJZ22, Zhu21]. **Venant** [KL22]. **Venttsel** [ANPS21]. **Verification** [DLX21]. **Version** [ARS21, NS20a]. **Versus** [HR23]. **Vertex** [Rös21]. **Vertical** [FG22]. **Very** [HW22b]. **Veselov** [AG23]. **via** [AS21, BGK21, BK21, CGY21, CWZ20, CT23, CFS22, EIN22, FFV21, GLSW23, HT23, IV22, JKZ21, KLSZ22, MMS21, NS21b, RS23a, RWZZ20, RH20, Sim21]. **Vicsek** [BDMA22]. **Virial** [KMV21]. **Virus** [TW21]. **Viscoelastic** [BMPS21, NS21a]. **Viscoelasticity** [BPSS22, IY20, LG21]. **Viscoelastodynamics** [RS23b]. **Viscoelastoplastic** [GK21a]. **Viscosities** [AF23]. **Viscosity** [Bel22, BH22b, CL22a, CL21b, CFS22, CR21, FP20, HH23, LZZ21, NS20a, RR20, TWZ20, TR20, WX21, WZ22, WWZ23b, Zho22]. **Viscous** [CMX22, HKK23, HL23a, JP20, LZ23a, LZZ21, LG21, TW23, WX21, YZ21, YY22, Yua23]. **Vlasov** [AK23, BMM22, Bla23, CJ21, CCZ22, CDF$^+$22, DLY21, GZW21, HLlZ23, KR21, LS23b, LW23a, Nei20, Pan23, Reg21, Saf20]. **Volterra** [PR20]. **Volume** [FL21]. **Vortex** [AHLW21, ADL20, BIFL20, CW22, CXZ22, HW22a, Mar22, Ros20]. **Vortexes** [CYY23]. **Vortexless** [IKL20]. **Vortices** [CWZ20]. **Vorticity** [CWZ20, HR20, VY23]. **Vries** [GM20b, LM21].

Walker [HTY21]. **Walks** [HT23]. **Wall** [CL21b, HTY21]. **Walls** [LWW20]. **War** [ALP21b]. **Wasserstein** [CEK21, JMQ23, SS20, WO23]. **Water** [Boc20, DS21b, Eme21, MW20, Sai23, Sin21]. **Wave** [ALM23, AS20, BJ23, BMM22, CCW23, CM20a, DS22, DH21, DM22, EFHS21, FP22,

HL22b, JWX22, KN22, Kof23, KLW22b, MPS21, Pin21, SW22b, SW22c, SUT22, ST21, VX21, WWZ21, YZ21, YY22]. **Wave-Damping** [BMM22]. **Wave-Klein** [DM22]. **Waves** [BP23, CF22, CCLM23, Dai21a, DS21b, EGN22, Eme21, HH20, HKK23, IPTT22, JP20, LOWX20, LW20b, LG21, LPW22, MP21a, MW20, MS20b, RWZ21, Sai23, Sin21, Var20, VX21, WX21, WY21, YZ21, ZZZ22b, Zil23]. **Weak** [AW21, AKK+20, AT20, BPSS22, CGG20, CJ21, CHS22, Dai21b, DS23, GM20a, GK20, GWZ21, GK21b, HJT22, KT20, KKNN22, LS21b, Lia22, MS22, Nov20, OP20, SS22a, Shu20, Shu21, WZ22]. **Weak-Strong** [DS23, HJT22, SS22a]. **Weaker** [Yam22]. **Weakly** [Kil22, MMSH21]. **Wedge** [PX22]. **Weighted** [DG23, FMMS22, MPV23]. **Weights** [BDGdN22]. **Weinberger** [ABD22]. **Well** [AG23, BT23, Boc20, BBES22, CW21, CGS23, DST20, DGWZ23, GHM22, HH21, HW22b, HHS23, HK23, HL22a, JWX22, LN20, LWZ21b, LY21, LR21, LW23b, MS20d, Pec20, TW22b, Wan21, WY21, YYZ21]. **Well-Posedness** [AG23, BT23, BBES22, CW21, CGS23, DST20, DGWZ23, HW22b, HHS23, HK23, HL22a, JWX22, LWZ21b, LR21, MS20d, Pec20, TW22b, Wan21, Boc20, HH21, LY21, WY21, YYZ21]. **Well-Prepared** [GHM22]. **Wellposedness** [Ger21]. **Wentzell** [HLL21]. **Weyl** [FN23, GZZ22]. **where** [Oli21]. **White** [BK20a]. **White-Noise** [BK20a]. **Whitham** [DST20, SW22b]. **Whitham-Type** [SW22b]. **Whole** [CT23, WZZ20]. **Whose** [DK23]. **Wiener** [BT21]. **Winding** [GK23]. **Without** [LLW21, FN23, HJLZ21, IMS20, LY21, PZ23]. **Witting** [HY21]. **Wong** [FX21, XC22]. **Work** [CL21c].

X [IM21b, Mon20, MS23a]. **X-Ray** [Mon20, IM21b, MS23a].

Yang [Pec20]. **Young** [ARD20].

Zakai [FX21, XC22]. **Zakharov** [Don22, LR21]. **Zero** [AG23, CHLL22, CHQ22, Gas23, TWZ20]. **Zero-Dispersion** [Gas23]. **Zero-Inertia** [CHQ22]. **Zero-Viscosity** [TWZ20]. **Zeros** [Nem21].

References

Abels:2020:BCC

[AB20] Helmut Abels and Julia Butz. A blow-up criterion for the curve diffusion flow with a contact angle. *SIAM Journal on Mathematical Analysis*, 52(3):2592–2623, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Amrouche:2021:VPM

[AB21] Chérif Amrouche and Imane Boussetouan. Vector potentials with mixed boundary conditions. application to the Stokes problem with pressure and Navier-type boundary conditions. *SIAM Journal on Mathematical Analysis*, 53(2):1745–1784, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Anoop:2022:SWT

[ABD22] T. V. Anoop, Vladimir Bobkov, and Pavel Drábek. Szegő–Weinberger type inequalities for symmetric domains with holes. *SIAM Journal on Mathematical Analysis*, 54(1):389–422, ???? 2022. CODEN SJMAAH. ISSN 0036-1410

(print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1407227.

Aspri:2022:LSD

[ABFV22] Andrea Aspri, Elena Beretta, Elisa Francini, and Sergio Vessella. Lipschitz stable determination of polyhedral conductivity inclusions from local boundary measurements. *SIAM Journal on Mathematical Analysis*, 54(5):5182–5222, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1480550.

AlSayed:2021:MSE

[ABHN21] Abdelkader Al Sayed, Beniamin Bogosel, Antoine Henrot, and Florent Nacry. Maximization of the Steklov eigenvalues with a diameter constraint. *SIAM Journal on Mathematical Analysis*, 53(1):710–729, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Acosta:2022:LNE

[ABR22] Gabriel Acosta, Francisco Bersetche, and Julio D. Rossi. Local and nonlocal energy-based coupling models. *SIAM Journal on Mathematical Analysis*, 54(6):6288–6322, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1431977.

Abatangelo:2021:EBV

[AC21] Nicola Abatangelo and Matteo Cozzi. An elliptic boundary value problem with fractional nonlinearity. *SIAM Journal on Mathematical Analysis*, 53(3):3577–3601, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Arratia:2021:LSB

[ACC+21] Pablo Arratia, Matías Courdurier, Evelyn Cueva, Axel Osses, and Benjamín Palacios. Lipschitz stability for backward heat equation with application to fluorescence microscopy. *SIAM Journal on Mathematical Analysis*, 53(5):5948–5978, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Acerbi:2022:SLC

[ACC22] Emilio Acerbi, Chao-Nien Chen, and Yung-Sze Choi. Stability of lamellar configurations in a nonlocal sharp interface model. *SIAM Journal on Mathematical Analysis*, 54(1):558–594, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1394321.

Arratia:2023:ELS

[ACC+23] Pablo Arratia, Matías Courdurier, Evelyn Cueva, Axel Osses, and Benjamín Palacios. Erratum: Lipschitz stability for

backward heat equation with application to fluorescence microscopy. *SIAM Journal on Mathematical Analysis*, 55(3): 2467–2473, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1534882`.

Ammari:2022:LSA

[ACL22] Habib Ammari, Yat Tin Chow, and Hongyu Liu. Localized sensitivity analysis at high-curvature boundary points of reconstructing inclusions in transmission problems. *SIAM Journal on Mathematical Analysis*, 54(2):1543–1592, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1323576`.

Aregba-Driollet:2021:GES

[ADBP21] Denise Aregba-Driollet, Stéphane Brull, and Yue-Jun Peng. Global existence of smooth solutions for a nonconservative bitemperature Euler model. *SIAM Journal on Mathematical Analysis*, 53(2):1886–1907, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Adams:2022:ERN

[ADdR22] Daniel Adams, Manh Hong Duong, and Gonçalo dos Reis. Entropic regularization of NonGradient systems. *SIAM Journal on Mathematical Analysis*, 54(4):4495–4535, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1414668`.

Ammari:2022:EPP

[ADH+22] Habib Ammari, Bryn Davies, Erik Orvehed Hiltunen, Hyundae Lee, and Sanghyeon Yu. Exceptional points in parity–time-symmetric subwavelength metamaterials. *SIAM Journal on Mathematical Analysis*, 54(6): 6223–6253, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469821`.

Alfaro:2023:QTP

[ADK23] Matthieu Alfaro, Arnaud Ducrot, and Hao Kang. Quantifying the threshold phenomenon for propagation in nonlocal diffusion equations. *SIAM Journal on Mathematical Analysis*, 55(3): 1596–1630, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1479099`.

Arsenio:2020:VMT

[ADL20] Diogo Arsénio, Emmanuel Dormy, and Christophe Lacave. The vortex method for two-dimensional ideal flows in exterior domains. *SIAM Journal on Mathematical Analysis*, 52 (4):3881–3961, ???? 2020. CODEN SJMAAH. ISSN 0036-

1410 (print), 1095-7154 (electronic).

Avitabile:2020:LTS

[ADVW20] Daniele Avitabile, Mathieu Desroches, Romain Veltz, and Martin Wechselberger. Local theory for spatio-temporal canards and delayed bifurcations. *SIAM Journal on Mathematical Analysis*, 52(6):5703–5747, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Abels:2023:SIL

[AF23] Helmut Abels and Mingwen Fei. Sharp interface limit for a Navier–Stokes/Allen–Cahn system with different viscosities. *SIAM Journal on Mathematical Analysis*, 55(4):4039–4088, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1523698`.

Ammari:2020:HLM

[AFH+20] Habib Ammari, Brian Fitzpatrick, Erik Orvehed Hiltunen, Hyundae Lee, and Sanghyeon Yu. Honeycomb-lattice Minnaert bubbles. *SIAM Journal on Mathematical Analysis*, 52 (6):5441–5466, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Adams:2023:LRL

[AG23] Joseph Adams and Axel Grünrock. Low regularity local well-posedness for the zero energy Novikov–Veselov equation. *SIAM Journal on Mathematical Analysis*, 55(1):19–35, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458065`.

Ao:2021:GAM

[AHLW21] Weiwei Ao, Yehui Huang, Yong Liu, and Juncheng Wei. Generalized Adler–Moser polynomials and multiple vortex rings for the Gross–Pitaevskii equation. *SIAM Journal on Mathematical Analysis*, 53(6):6959–6992, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Antonelli:2020:LMN

[AHM20] Paolo Antonelli, Lars Eric Hientzsch, and Pierangelo Marcati. On the low Mach number limit for quantum Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 52 (6):6105–6139, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Andreasson:2023:SSS

[AK23] Håkan Andreasson and Markus Kunze. Static solutions to the spherically symmetric Einstein–Vlasov system: a particle number–Casimir approach. *SIAM Journal on Mathematical Analysis*, 55(5):4843–4879, ???? 2023. CODEN

SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1522887.

AlBaba:2020:NAW

[AKK+20] Hind Al Baba, Christian Klingenberg, Ondrej Kreml, Václav Mácha, and Simon Markfelder. Nonuniqueness of admissible weak solution to the Riemann problem for the full Euler system in two dimensions. *SIAM Journal on Mathematical Analysis*, 52(2):1729–1760, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ammari:2023:QES

[AKKY23] Habib Ammari, Hyeonbae Kang, Do Wan Kim, and Sanghyeon Yu. Quantitative estimates for stress concentration of the Stokes flow between adjacent circular cylinders. *SIAM Journal on Mathematical Analysis*, 55(4):3755–3806, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1523972.

Ando:2022:SSN

[AKLM22] Kazunori Ando, Hyeonbae Kang, Sanghyuk Lee, and Yoshihisa Miyanishi. Spectral structure of the Neumann–Poincaré operator on thin ellipsoids and flat domains. *SIAM Journal on Mathematical Analysis*, 54(6):6164–6185, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1452275.

Angelopoulos:2020:IMI

[AKV20] Yannis Angelopoulos, Rowan Killip, and Monica Visan. Invariant measures for integrable spin chains and an integrable discrete nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 52(1):135–163, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

An:2023:HVT

[AL23] Gayoung An and Donghyun Lee. High-velocity tails of the inelastic and the multispecies mixture Boltzmann equations. *SIAM Journal on Mathematical Analysis*, 55(5):4297–4336, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1529749.

Ablowitz:2023:TWI

[ALM23] Mark J. Ablowitz, Xu-Dan Luo, and Ziad H. Musslimani. Three-wave interaction equations: Classical and nonlocal. *SIAM Journal on Mathematical Analysis*, 55(4):4089–4139, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/22M1488880.

Alicandro:2021:DLE

[ALP21a] Roberto Alicandro, Giuliano Lazzaroni, and Mariapia Palombaro. Derivation of linear elasticity for a general class of atomistic energies. *SIAM Journal on Mathematical Analysis*, 53 (5):5060–5093, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Attouchi:2021:GLE

[ALP21b] Amal Attouchi, Hannes Luiro, and Mikko Parviainen. Gradient and Lipschitz estimates for tug-of-war type games. *SIAM Journal on Mathematical Analysis*, 53(2):1295–1319, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Almeida:2023:ARC

[ALV23] Luis Almeida, Alexis Léculier, and Nicolas Vauchelet. Analysis of the rolling carpet strategy to eradicate an invasive species. *SIAM Journal on Mathematical Analysis*, 55(1): 275–309, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1427243.

Abels:2022:CAC

[AM22] Helmut Abels and Maximilian Moser. Convergence of the Allen–Cahn equation with a nonlinear Robin boundary condition to mean curvature flow with contact angle close to 90°. *SIAM Journal on Mathematical Analysis*, 54(1):114–172, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1424925.

Achdou:2022:DMF

[AMMT22] Yves Achdou, Paola Mannucci, Claudio Marchi, and Nicoletta Tchou. Deterministic mean field games with control on the acceleration and state constraints. *SIAM Journal on Mathematical Analysis*, 54(3): 3757–3788, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1415492.

Ampatzoglou:2022:RDB

[AMP22] Ioakeim Ampatzoglou, Joseph K. Miller, and Natasa Pavlović. A rigorous derivation of a Boltzmann system for a mixture of hard-sphere gases. *SIAM Journal on Mathematical Analysis*, 54(2):2320–2372, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1424779.

Apushkinskaya:2021:VBV

[ANPS21] Darya E. Apushkinskaya, Alexander I. Nazarov, Dian K. Palagachev, and Lubomira G. Soft-

ova. Venttsel boundary value problems with discontinuous data. *SIAM Journal on Mathematical Analysis*, 53(1):221–252, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Altschuler:2022:ASE

[ANWS22] Jason M. Altschuler, Jonathan Niles-Weed, and Austin J. Stromme. Asymptotics for semidiscrete entropic optimal transport. *SIAM Journal on Mathematical Analysis*, 54(2): 1718–1741, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1440165`.

Arroyo-Rabasa:2020:GMY

[ARD20] Adolfo Arroyo-Rabasa and Johannes Diermeier. Generalized multiscale Young measures. *SIAM Journal on Mathematical Analysis*, 52(4):3252–3300, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Antil:2021:FVM

[ARS21] Harbir Antil, Carlos N. Rautenberg, and Armin Schikorra. On a fractional version of a murat compactness result and applications. *SIAM Journal on Mathematical Analysis*, 53(3): 3158–3187, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Arifoski:2020:PDW

[AS20] Ahmet Arifoski and Petr Siegl. Pseudospectra of the damped wave equation with unbounded damping. *SIAM Journal on Mathematical Analysis*, 52(2): 1343–1362, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Avery:2021:ASC

[AS21] Montie Avery and Arnd Scheel. Asymptotic stability of critical pulled fronts via resolvent expansions near the essential spectrum. *SIAM Journal on Mathematical Analysis*, 53(2): 2206–2242, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ammari:2020:WOE

[AT20] Kaïs Ammari and Faouzi Triki. On weak observability for evolution systems with skew-adjoint generators. *SIAM Journal on Mathematical Analysis*, 52(2): 1884–1902, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Akramov:2021:NAW

[AW21] Ibrokhimbek Akramov and Emil Wiedemann. NonUnique admissible weak solutions of the compressible Euler equations with compact support in space. *SIAM Journal on Mathematical Analysis*, 53(1):795–812, ????

2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Baradat:2020:ESP

[Bar20] Aymeric Baradat. On the existence of a scalar pressure field in the Brödinger problem. *SIAM Journal on Mathematical Analysis*, 52(1):370–401, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Barker:2023:LQE

[Bar23] Tobias Barker. Localized quantitative estimates and potential blow-up rates for the Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(5):5221–5259, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1527179`.

Bach:2020:DCL

[BBC20] Annika Bach, Andrea Braides, and Marco Cicalese. Discrete-to-continuum limits of multibody systems with bulk and surface long-range interactions. *SIAM Journal on Mathematical Analysis*, 52(4):3600–3665, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bal:2023:ESD

[BBD+23] Guillaume Bal, Simon Becker, Alexis Drouot, Clotilde Fermanian Kammerer, Jianfeng Lu, and Alexander B. Watson. Edge state dynamics along curved interfaces. *SIAM Journal on Mathematical Analysis*, 55(5): 4219–4254, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1489708`.

Bruna:2022:WPI

[BBES22] Maria Bruna, Martin Burger, Antonio Esposito, and Simon Schulz. Well-posedness of an integro-differential model for active Brownian particles. *SIAM Journal on Mathematical Analysis*, 54(5):5662–5697, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1462039`.

Baird:2022:GMI

[BCC+22] Thomas J. Baird, Paul Cornwell, Graham Cox, Christopher Jones, and Robert Marangell. Generalized Maslov indices for non-Hamiltonian systems. *SIAM Journal on Mathematical Analysis*, 54(2):1623–1668, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1381319`.

Buttazzo:2021:EOP

[BCDM21] Giuseppe Buttazzo, Juan Casado-Díaz, and Faustino Maestre. On the existence of optimal potentials on unbounded domains.

SIAM Journal on Mathematical Analysis, 53(1):1088–1121, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Battaglia:2023:NNL

[BCFP23] Luca Battaglia, Matteo Cozzi, Antonio J. Fernández, and Angela Pistoia. Nonuniqueness for the nonlocal Liouville equation in **R** and applications. *SIAM Journal on Mathematical Analysis*, 55(5):4816–4842, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1538004`.

Bourdarias:2022:ESC

[BCGJ22] Christian Bourdarias, Anupam Pal Choudhury, Billel Guelmame, and Stéphane Junca. Entropy solutions in BV^s for a class of triangular systems involving a transport equation. *SIAM Journal on Mathematical Analysis*, 54(1): 791–817, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1351783`.

Braukhoff:2020:CCD

[BCJ20] Marcel Braukhoff, Xiuqing Chen, and Ansgar Jüngel. Corrigendum: Cross Diffusion Preventing Blow-Up in the Two-Dimensional Keller–Segel Model. *SIAM Journal on Mathematical Analysis*, 52(2):2198–2200, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bociu:2021:MPI

[BCMW21] Lorena Bociu, Suncica Canic, Boris Muha, and Justin T. Webster. Multilayered poroelasticity interacting with Stokes flow. *SIAM Journal on Mathematical Analysis*, 53(6):6243–6279, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bach:2021:RFD

[BCR21] Annika Bach, Marco Cicalese, and Matthias Ruf. Random finite-difference discretizations of the Ambrosio–Tortorelli functional with optimal mesh-size. *SIAM Journal on Mathematical Analysis*, 53(2):2275–2318, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Beyn:2022:STO

[BD22] Wolf-Jürgen Beyn and Christian Döding. Stability of traveling oscillating fronts in complex Ginzburg Landau equations. *SIAM Journal on Mathematical Analysis*, 54(5):5447–5488, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455760`.

Bogelein:2020:ICP

[BDD+20] Verena Bögelein, Bernard Dacorogna, Frank Duzaar, Paolo

Marcellini, and Christoph Scheven. Integral convexity and parabolic systems. *SIAM Journal on Mathematical Analysis*, 52(2):1489–1525, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Boscaggin:2021:PSP

[BDF21] Alberto Boscaggin, Walter Dambrosio, and Guglielmo Feltrin. Periodic solutions to a perturbed relativistic Kepler problem. *SIAM Journal on Mathematical Analysis*, 53(5):5813–5834, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Balci:2022:EED

[BDGdN22] Anna Kh. Balci, Lars Diening, Raffaella Giova, and Antonia Passarelli di Napoli. Elliptic equations with degenerate weights. *SIAM Journal on Mathematical Analysis*, 54(2): 2373–2412, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1412529`.

Briant:2022:CTG

[BDMA22] Marc Briant, Antoine Diez, and Sara Merino-Aceituno. Cauchy theory for general kinetic Vicsek models in collective dynamics and mean-field limit approximations. *SIAM Journal on Mathematical Analysis*, 54(1): 1131–1168, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1405885`.

Bianchini:2022:MEH

[BDN22] Stefano Bianchini, Prerona Dutta, and Khai T. Nguyen. Metric entropy for Hamilton–Jacobi equations with uniformly directionally convex Hamiltonian. *SIAM Journal on Mathematical Analysis*, 54(5):5551–5575, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1475430`.

Barre:2021:FNM

[BDOZ21] Julien Barré, Paul Dobson, Michela Ottobre, and Ewelina Zatorska. Fast non-mean-field networks: Uniform in time averaging. *SIAM Journal on Mathematical Analysis*, 53(1): 937–972, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Biswas:2021:HIH

[BDS21] Animesh Biswas, Marta De León-Contreras, and Pablo Raúl Stinga. Harnack inequalities and Hölder estimates for master equations. *SIAM Journal on Mathematical Analysis*, 53 (2):2319–2348, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bellieud:2022:HNH

[Bel22] Michel Bellieud. Homogenization of Norton–Hoff fibered composites with high viscosity contrast. *SIAM Journal on Mathematical Analysis*, 54(1): 649–692, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1345785`.

Bessaih:2021:SHC

[BEM21] Hakima Bessaih, Yalchin Efendiev, and Razvan Florian Maris. Stochastic homogenization of a convection-diffusion equation. *SIAM Journal on Mathematical Analysis*, 53(3):2718–2745, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bach:2023:GDM

[BEMZ23] Annika Bach, Teresa Esposito, Roberta Marziani, and Caterina Ida Zeppieri. Gradient damage models for heterogeneous materials. *SIAM Journal on Mathematical Analysis*, 55 (4):3567–3601, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1499145`.

Blaustein:2023:CPF

[BF23] Alain Blaustein and Francis Filbet. Concentration phenomena in Fitzhugh–Nagumo equations: a mesoscopic approach. *SIAM Journal on Mathematical Analysis*, 55(1):367–404, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469961`.

Breit:2022:CNS

[BFHZ22] Dominic Breit, Eduard Feireisl, Martina Hofmanová, and Ewelina Zatorska. Compressible Navier–Stokes system with transport noise. *SIAM Journal on Mathematical Analysis*, 54(4):4465–4494, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1464701`.

Baratchart:2021:SSC

[BFLP21] L. Baratchart, S. Fueyo, G. Lebeau, and J.-B. Pomet. Sufficient stability conditions for time-varying networks of telegrapher's equations or difference-delay equations. *SIAM Journal on Mathematical Analysis*, 53 (2):1831–1856, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Brezina:2020:SSS

[BFN20] Jan Brezina, Eduard Feireisl, and Antonín Novotný. Stability of strong solutions to the Navier–Stokes–Fourier system. *SIAM Journal on Mathematical Analysis*, 52(2):1761–1785, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Beretta:2021:LSD

[BFV21] Elena Beretta, Elisa Francini, and Sergio Vessella. Lipschitz stable determination of polygonal conductivity inclusions in a two-dimensional layered medium from the Dirichlet-to–Neumann map. *SIAM Journal on Mathematical Analysis*, 53(4):4303–4327, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Baratchart:2021:DVF

[BGK21] L. Baratchart, C. Gerhards, and A. Kegeles. Decomposition of L^2-vector fields on Lipschitz surfaces: Characterization via null-spaces of the scalar potential. *SIAM Journal on Mathematical Analysis*, 53(4): 4096–4117, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Buttazzo:2023:MOP

[BGL23] Giuseppe Buttazzo, Maria Stella Gelli, and Danka Lučić. Mass optimization problem with convex cost. *SIAM Journal on Mathematical Analysis*, 55(5): 5617–5642, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1493525`.

Braga:2020:KBG

[BGMW20] J. Ederson M. Braga, Diego E. M. Gomes, Diego Moreira, and Lihe Wang. Krylov's boundary gradient type estimates for solutions to fully nonlinear differential inequalities with quadratic growth on the gradient. *SIAM Journal on Mathematical Analysis*, 52 (5):4469–4505, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bressan:2022:OST

[BGS22] Alberto Bressan, Sondre T. Galtung, and Qing Sun. Optimal shapes for tree roots. *SIAM Journal on Mathematical Analysis*, 54(4):4757–4784, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1440281`.

Bucur:2022:SRR

[BGT22] Dorin Bucur, Alessandro Giacomini, and Paola Trebeschi. Stability results for the Robin-Laplacian on nonsmooth domains. *SIAM Journal on Mathematical Analysis*, 54(4):4591–4624, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1471250`.

Baldi:2022:LLM

[BH22a] Pietro Baldi and Emanuele Haus. Longer lifespan for many solutions of the Kirchhoff equation. *SIAM Journal on Mathematical Analysis*, 54(1):306–

342, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1351515`.

Burtea:2022:VCL

[BH22b] Cosmin Burtea and Boris Haspot. Vanishing capillarity limit of the Navier–Stokes–Korteweg system in one dimension with degenerate viscosity coefficient and discontinuous initial density. *SIAM Journal on Mathematical Analysis*, 54(2): 1428–1469, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1428686`.

Bramburger:2023:PFR

[BH23] Jason Bramburger and Matt Holzer. Pattern formation in random networks using graphons. *SIAM Journal on Mathematical Analysis*, 55(3): 2150–2185, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455875`.

Bellassoued:2023:SEI

[BHL23] Mourad Bellassoued, Houssem Haddar, and Amal Labidi. Stability estimate for an inverse problem for the time harmonic magnetic Schrödinger operator from the near and far field patterns. *SIAM Journal on Mathematical Analysis*, 55(4):2475–2504, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1481956`.

Busuioc:2020:LEE

[BIFL20] Adriana V. Busuioc, Dragos Iftimie, Milton D. Lopes Filho, and Helena J. Nussenzveig Lopes. The limit $\alpha \to 0$ of the α-euler equations in the half-plane with no-slip boundary conditions and vortex sheet initial data. *SIAM Journal on Mathematical Analysis*, 52(5): 5257–5286, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ballew:2023:GDP

[BIL+23] Joshua Ballew, Gautam Iyer, C. David Levermore, Hailiang Liu, and Robert L. Pego. Global dynamics and photon loss in the Kompaneets equation. *SIAM Journal on Mathematical Analysis*, 55(5):5715–5750, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1533207`.

Baumstark:2023:AHF

[BJ23] Julian Baumstark and Tobias Jahnke. Approximation of high-frequency wave propagation in dispersive media. *SIAM Journal on Mathematical Analysis*, 55(2):1214–1245, ???? 2023. CODEN SJMAAH. ISSN 0036-1410

(print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1474035`.

Balanzario:2020:RAS

[BK20a] E. P. Balanzario and E. I. Kaikina. Regularity analysis for stochastic complex Landau–Ginzburg equation with Dirichlet white-noise boundary conditions. *SIAM Journal on Mathematical Analysis*, 52(4):3376–3396, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Balazs:2020:DES

[BK20b] István Balázs and Tibor Krisztin. A differential equation with a state-dependent queueing delay. *SIAM Journal on Mathematical Analysis*, 52(4):3697–3737, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Belishev:2021:DNS

[BK21] Mikhail I. Belishev and Dmitrii V. Korikov. On determination of nonorientable surface via its Dirichlet-to-Neumann operator. *SIAM Journal on Mathematical Analysis*, 53(5):5278–5287, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Buoso:2022:BRB

[BK22] Davide Buoso and James B. Kennedy. The bilaplacian with Robin boundary conditions. *SIAM Journal on Mathematical Analysis*, 54(1):36–78, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1363984`.

Biswas:2023:EUN

[BK23a] Anup Biswas and Saibal Khan. Existence-uniqueness for nonlinear integro-differential equations with drift in $\mathbf{R}^d$. *SIAM Journal on Mathematical Analysis*, 55(5):4378–4409, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1505931`.

Bresciani:2023:RMP

[BK23b] Marco Bresciani and Martin Kruzík. A reduced model for plates arising as low-energy Γ-limit in nonlinear magnetoelasticity. *SIAM Journal on Mathematical Analysis*, 55(4):3108–3168, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1446836`.

Bae:2023:BMT

[BKPY23] Gi-Chan Bae, Christian Klingenberg, Marlies Pirner, and Seok-Bae Yun. BGK model for two-component gases near a global Maxwellian. *SIAM Journal on Mathematical Analysis*, 55(2):1007–1047, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469535`.

Bhattacharyya:2023:MRT

[BKS23] Sombuddha Bhattacharyya, Venkateswaran P. Krishnan, and Suman K. Sahoo. Momentum ray transforms and a partial data inverse problem for a polyharmonic operator. *SIAM Journal on Mathematical Analysis*, 55(4):4000–4038, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1500617`.

Bona:2020:KEH

[BL20] Jerry L. Bona and Jonatan Lenells. The KdV equation on the half-line: Time-periodicity and mass transport. *SIAM Journal on Mathematical Analysis*, 52(2):1009–1039, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Blaasten:2021:SCR

[BL21] Emilia L. K. Blåsten and Hongyu Liu. Scattering by curvatures, radiationless sources, transmission eigenfunctions, and inverse scattering problems. *SIAM Journal on Mathematical Analysis*, 53(4):3801–3837, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Blaustein:2023:DLV

[Bla23] Alain Blaustein. Diffusive limit of the Vlasov–Poisson–Fokker–Planck model: Quantitative and strong convergence results. *SIAM Journal on Mathematical Analysis*, 55(5):5464–5482, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1530197`.

Balehowsky:2022:ICT

[BLPS22] Tracey Balehowsky, Matti Lassas, Pekka Pankka, and Ville Sirviö. Invisibility cloaking and transformation optics for three dimensional manifolds and applications in cosmology. *SIAM Journal on Mathematical Analysis*, 54(3):3420–3456, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1431096`.

Bugiera:2022:SUG

[BLS22] Lars Bugiera, Enno Lenzmann, and Jérémy Sok. On symmetry and uniqueness of ground states for linear and nonlinear elliptic PDEs. *SIAM Journal on Mathematical Analysis*, 54(6):6119–6135, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1487576`.

Boardman:2020:SBM

[BLW20] Nicki Boardman, Hongxia Lin, and Jiahong Wu. Stabilization of a background magnetic field on a 2 dimensional magnetohydrodynamic flow. *SIAM Journal on Mathematical Analysis*, 52

(5):5001–5035, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bedrossian:2022:LWD

[BMM22] Jacob Bedrossian, Nader Masmoudi, and Clément Mouhot. Linearized wave-damping structure of Vlasov–Poisson in $\mathbf{R}^3$. *SIAM Journal on Mathematical Analysis*, 54(4):4379–4406, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1386141`.

Bulicek:2021:IHC

[BMPS21] Miroslav Bulícek, Josef Málek, Vít Prusa, and Endre Süli. On incompressible heat-conducting viscoelastic rate-type fluids with stress-diffusion and purely spherical elastic response. *SIAM Journal on Mathematical Analysis*, 53(4):3985–4030, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Blechta:2020:CIF

[BMR20] Jan Blechta, Josef Málek, and K. R. Rajagopal. On the classification of incompressible fluids and a mathematical analysis of the equations that govern their motion. *SIAM Journal on Mathematical Analysis*, 52 (2):1232–1289, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Beck:2023:ECE

[BMZ23] Lisa Beck, Daniel Matthes, and Martina Zizza. Exponential convergence to equilibrium for coupled systems of nonlinear degenerate drift diffusion equations. *SIAM Journal on Mathematical Analysis*, 55(3):1766–1809, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1466980`.

Beeson:2022:AFE

[BNP22] Ryne Beeson, Navaratnam S. Namachchivaya, and Nicolas Perkowski. Approximation of the filter equation for multiple timescale, correlated, nonlinear systems. *SIAM Journal on Mathematical Analysis*, 54(3): 3054–3090, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1379265`.

Benesova:2023:FRB

[BNSS23] Barbora Benesová, Sárka Necasová, Jan Scherz, and Anja Schlömerkemper. Fluid-rigid body interaction in an incompressible electrically conducting fluid. *SIAM Journal on Mathematical Analysis*, 55(2):929–965, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M148255X`.

Boccardo:2021:ESR

[BO21] Lucio Boccardo and Luigi Orsina. An elliptic system related to the stationary thermistor problem. *SIAM Journal on Mathematical Analysis*, 53(6): 6910–6931, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bobrowski:2020:MDT

[Bob20] Adam Bobrowski. Modeling diffusion in thin 2D layers separated by a semipermeable membrane. *SIAM Journal on Mathematical Analysis*, 52(4):3222–3251, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bobrowski:2023:CNF

[Bob23] Adam Bobrowski. Concatenation of nonhonest Feller processes, exit laws, and limit theorems on graphs. *SIAM Journal on Mathematical Analysis*, 55(4):3457–3508, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1487552`.

Bocchi:2020:FSS

[Boc20] Edoardo Bocchi. Floating structures in shallow water: Local well-posedness in the axisymmetric case. *SIAM Journal on Mathematical Analysis*, 52 (1):306–339, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bal:2020:PBA

[BP20] Guillaume Bal and Benjamin Palacios. Pencil-beam approximation of stationary Fokker–Planck. *SIAM Journal on Mathematical Analysis*, 52(4):3487–3519, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Biswas:2021:CDA

[BP21] Animikh Biswas and Randy Price. Continuous data assimilation for the three-dimensional Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 53(6):6697–6723, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bruell:2023:SPT

[BP23] Gabriele Bruell and Long Pei. Symmetry of periodic traveling waves for nonlocal dispersive equations. *SIAM Journal on Mathematical Analysis*, 55(1): 486–507, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1433162`.

Bulicek:2022:EUG

[BPSS22] Miroslav Bulícek, Victoria Patel, Endre Süli, and Yasemin Sengül. Existence and uniqueness of global weak solutions to strain-limiting viscoelasticity with Dirichlet boundary

data. *SIAM Journal on Mathematical Analysis*, 54(6):6186–6222, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455322`.

Barbu:2023:NFP

[BR23] Viorel Barbu and Michael Röckner. Nonlinear Fokker–Planck equations with time-dependent coefficients. *SIAM Journal on Mathematical Analysis*, 55(1):1–18, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M145481X`.

Boudin:2022:ECT

[BST22] Laurent Boudin, Francesco Salvarani, and Emmanuel Trélat. Exponential convergence towards consensus for non-symmetric linear first-order systems in finite and infinite dimensions. *SIAM Journal on Mathematical Analysis*, 54(3):2727–2752, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1416102`.

Bai:2023:LGS

[BSW23] Ruobing Bai, Jia Shen, and Yifei Wu. Large global solutions for the energy-critical nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 55(5):4193–4218, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1495123`.

Bradshaw:2021:LES

[BT21] Zachary Bradshaw and Tai-Peng Tsai. Local energy solutions to the Navier–Stokes equations in Wiener amalgam spaces. *SIAM Journal on Mathematical Analysis*, 53(2):1993–2026, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Basaric:2023:WPQ

[BT23] Danica Basarić and Tong Tang. On well-posedness of quantum fluid systems in the class of dissipative solutions. *SIAM Journal on Mathematical Analysis*, 55(3):2434–2466, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M148985X`.

Brenier:2020:OTM

[BV20a] Yann Brenier and Dmitry Vorotnikov. On optimal transport of matrix-valued measures. *SIAM Journal on Mathematical Analysis*, 52(3):2849–2873, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Budd:2020:GMB

[BV20b] Jeremy Budd and Yves Van Gennip. Graph Merriman–Bence–Osher as a SemiDiscrete

implicit Euler scheme for graph Allen–Cahn flow. *SIAM Journal on Mathematical Analysis*, 52 (5):4101–4139, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Bae:2020:QBM

[BY20] Gi-Chan Bae and Seok-Bae Yun. Quantum BGK model near a global Fermi–Dirac distribution. *SIAM Journal on Mathematical Analysis*, 52(3): 2313–2352, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cai:2023:UBH

[Cai23] Yuan Cai. Uniform bound of the highest-order energy of the 2D incompressible elastodynamics. *SIAM Journal on Mathematical Analysis*, 55(5): 5893–5918, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1519894`.

Crin-Barat:2023:HPC

[CBHS23] Timothée Crin-Barat, Qingyou He, and Ling-Yun Shou. The hyperbolic-parabolic chemotaxis system for vasculogenesis: Global dynamics and relaxation limit toward a Keller–Segel model. *SIAM Journal on Mathematical Analysis*, 55(5): 4445–4492, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1477295`.

Cook:2022:RCC

[CC22] Brendan Cook and Jeff Calder. Rates of convergence for the continuum limit of nondominated sorting. *SIAM Journal on Mathematical Analysis*, 54(1): 872–911, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1344901`.

Chicaud:2023:ATH

[CC23] Damien Chicaud and Patrick Ciarlet. Analysis of time-harmonic Maxwell impedance problems in anisotropic media. *SIAM Journal on Mathematical Analysis*, 55(3):1969–2000, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1485413`.

Carlone:2021:ETD

[CCFO21] Raffaele Carlone, Michele Correggi, Marco Falconi, and Marco Olivieri. Emergence of time-dependent point interactions in polaron models. *SIAM Journal on Mathematical Analysis*, 53 (4):4657–4691, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:HSS

[CCKW21] Xin Chen, Zhen-Qing Chen, Takashi Kumagai, and Jian

Wang. Homogenization of symmetric stable-like processes in stationary ergodic media. *SIAM Journal on Mathematical Analysis*, 53(3):2957–3001, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cox:2023:HSF

[CCLM23] Graham Cox, Mitchell Curran, Yuri Latushkin, and Robert Marangell. Hamiltonian spectral flows, the Maslov index, and the stability of standing waves in the nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 55(5): 4998–5050, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1533797`.

Chicaud:2021:AVF

[CCM21] Damien Chicaud, Patrick Ciarlet, Jr., and Axel Modave. Analysis of variational formulations and low-regularity solutions for time-harmonic electromagnetic problems in complex anisotropic media. *SIAM Journal on Mathematical Analysis*, 53(3):2691–2717, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2022:HOR

[CCS22] Xinfu Chen, John Chadam, and David Saunders. Higher-order regularity of the free boundary in the inverse first-passage problem. *SIAM Journal on Mathematical Analysis*, 54(4):4695–4720, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1466797`.

Carrillo:2023:MFL

[CCS23] José A. Carrillo, Andrea Clini, and Susanne Solem. The mean field limit of stochastic differential equation systems modeling grid cells. *SIAM Journal on Mathematical Analysis*, 55(4): 3602–3634, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1465640`.

Cai:2023:SFR

[CCW23] Hong Cai, Geng Chen, and Tian-Yi Wang. Singularity formation for radially symmetric expanding wave of compressible Euler equations. *SIAM Journal on Mathematical Analysis*, 55(4):2917–2947, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1487692`.

Chen:2021:FSE

[CCZ21] Geng Chen, Gui-Qiang G. Chen, and Shengguo Zhu. Formation of singularities and existence of global continuous solutions for the compressible Euler equations. *SIAM Journal on Mathematical Analysis*, 53

(6):6280–6325, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2022:GSV

[CCZ22] Zili Chen, Jing Chen, and Xianwen Zhang. Global solutions of the Vlasov–Poisson system with a radiation damping term for general initial data. *SIAM Journal on Mathematical Analysis*, 54(1):693–722, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1366101`.

Colombo:2020:RTH

[CD20] Maria Colombo and Luigi De Rosa. Regularity in time of Hölder solutions of Euler and hypodissipative Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 52(1):221–238, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cheng:2021:OII

[CD21] Jianfeng Cheng and Lili Du. Oblique injection of incompressible ideal fluid from a slot into a free stream. *SIAM Journal on Mathematical Analysis*, 53 (1):754–794, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Coghi:2022:MVS

[CDF+22] Michele Coghi, Wolfgang Dreyer, Peter K. Friz, Paul Gajewski, Clemens Guhlke, and Mario Maurelli. A McKean–Vlasov SDE and particle system with interaction from reflecting boundaries. *SIAM Journal on Mathematical Analysis*, 54(2): 2251–2294, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1409421`.

Corona:2023:NAV

[CDG23] D. Corona, A. Della Corte, and F. Giannoni. A non-autonomous variational problem describing a nonlinear Timoshenko beam. *SIAM Journal on Mathematical Analysis*, 55 (5):4664–4694, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1493653`.

Candiani:2020:MBR

[CDGH20] Valentina Candiani, Jérémi Dardé, Henrik Garde, and Nuutti Hyvönen. Monotonicity-based reconstruction of extreme inclusions in electrical impedance tomography. *SIAM Journal on Mathematical Analysis*, 52(6):6234–6259, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Choi:2022:ORM

[CDL22] Jongkeun Choi, Hongjie Dong, and Zongyuan Li. Optimal regularity of mixed Dirichlet-conormal boundary value problems for parabolic operators. *SIAM Journal on Mathematical Analysis*, 54(2):1393–1427, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1461344`.

Casado-Diaz:2020:DRP

[CDLLSG20] Juan Casado-Díaz, Manuel Luna-Laynez, and Francisco J. Suárez-Grau. A decomposition result for the pressure of a fluid in a thin domain and extensions to elasticity problems. *SIAM Journal on Mathematical Analysis*, 52(3):2201–2236, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cao:2021:NGS

[CDLZ21] Xinlin Cao, Huaian Diao, Hongyu Liu, and Jun Zou. On novel geometric structures of Laplacian eigenfunctions in $\mathbf{R}^3$ and applications to inverse problems. *SIAM Journal on Mathematical Analysis*, 53(2): 1263–1294, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Capuani:2021:MEF

[CDN21] Rossana Capuani, Prerona Dutta, and Khai T. Nguyen. Metric entropy for functions of bounded total generalized variation. *SIAM Journal on Mathematical Analysis*, 53(1): 1168–1190, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Constantin:2020:EHE

[CDS20] Peter Constantin, Theodore D. Drivas, and Roman Shvydkoy. Entropy hierarchies for equations of compressible fluids and self-organized dynamics. *SIAM Journal on Mathematical Analysis*, 52(3):3073–3092, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:FKT

[CDX21] Zhen-Qing Chen, Weihua Deng, and Pengbo Xu. Feynman–Kac transform for anomalous processes. *SIAM Journal on Mathematical Analysis*, 53(5): 6017–6047, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Choi:2022:GES

[CDX22] Jongkeun Choi, Hongjie Dong, and Longjuan Xu. Gradient estimates for Stokes and Navier–Stokes systems with piecewise DMO coefficients. *SIAM Journal on Mathematical Analysis*, 54(3):3609–3635, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/21M1423518.

Carlier:2021:EWB

[CEK21] Guillaume Carlier, Katharina Eichinger, and Alexey Kroshnin. Entropic-Wasserstein barycenters: PDE characterization, regularity, and CLT. *SIAM Journal on Mathematical Analysis*, 53(5):5880–5914, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:CSS

[CEW21] Huyuan Chen, Gilles Evéquoz, and Tobias Weth. Complex solutions and stationary scattering for the nonlinear Helmholtz equation. *SIAM Journal on Mathematical Analysis*, 53(2): 2349–2372, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Crasta:2020:BFB

[CF20] Graziano Crasta and Ilaria Fragalà. Bernoulli free boundary problem for the infinity Laplacian. *SIAM Journal on Mathematical Analysis*, 52(1): 821–844, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cardaliaguet:2021:HMT

[CF21] Pierre Cardaliaguet and Nicolas Forcadel. From heterogeneous microscopic traffic flow models to macroscopic models. *SIAM Journal on Mathematical Analysis*, 53(1):309–322, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chauleur:2022:APW

[CF22] Quentin Chauleur and Erwan Faou. Around plane waves solutions of the Schrödinger–Langevin equation. *SIAM Journal on Mathematical Analysis*, 54(5):5103–5125, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1458387.

Chen:2020:LRS

[CFHX20] Gui-Qiang Chen, Mikhail Feldman, Jingchen Hu, and Wei Xiang. Loss of regularity of solutions of the Lighthill problem for shock diffraction for potential flow. *SIAM Journal on Mathematical Analysis*, 52(2): 1096–1114, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chafai:2021:CGU

[CFS21] Djalil Chafaï, Grégoire Ferré, and Gabriel Stoltz. Coulomb gases under constraint: Some theoretical and numerical results. *SIAM Journal on Mathematical Analysis*, 53(1):181–220, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Colli:2022:CHE

[CFS22] Pierluigi Colli, Takeshi Fukao, and Luca Scarpa. The Cahn–Hilliard equation with forward-backward dynamic boundary condition via vanishing viscosity. *SIAM Journal on Mathematical Analysis*, 54(3):3292–3315, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M142441X`.

Chaumont-Frelet:2023:SFL

[CFS23] T. Chaumont-Frelet and E. A. Spence. Scattering by finely layered obstacles: Frequency-explicit bounds and homogenization. *SIAM Journal on Mathematical Analysis*, 55(2):1319–1363, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1450136`.

Caroccia:2020:IRV

[CFV20] M. Caroccia, M. Focardi, and N. Van Goethem. On the integral representation of variational functionals on *BD*. *SIAM Journal on Mathematical Analysis*, 52(4):4022–4067, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Calsavara:2020:EGT

[CGG20] Bianca M. Calsavara and Francisco Guillen-Gonzalez. Existence of global-in-time weak solutions for a solidification model with convection in the liquid and rigid motion in the solid. *SIAM Journal on Mathematical Analysis*, 52(6):6260–6280, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cances:2023:SOH

[CGG23] Éric Cancès, Louis Garrigue, and David Gontier. Second-order homogenization of periodic Schrödinger operators with highly oscillating potentials. *SIAM Journal on Mathematical Analysis*, 55(3):2288–2323, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1478446`.

Chen:2023:WPS

[CGS23] Jie Chen, Boling Guo, and Jie Shao. Well-posedness and scattering for the generalized Boussinesq equation. *SIAM Journal on Mathematical Analysis*, 55(1):133–161, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1464993`.

Carstea:2023:IPP

[CGU23] Catalin I. Cârstea, Tuhin Ghosh, and Gunther Uhlmann. An inverse problem for the porous medium equation with partial data and a possibly singular absorption term. *SIAM Journal on Mathemat-*

ical Analysis, 55(1):162–185, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1465573`.

Canizo:2021:SGG

[CGY21] José A. Cañizo, Pierre Gabriel, and Havva Yoldas. Spectral gap for the growth-fragmentation equation via Harris's theorem. *SIAM Journal on Mathematical Analysis*, 53(5):5185–5214, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cheng:2020:SDQ

[CGZ20] Xing Cheng, Zihua Guo, and Zehua Zhao. On scattering for the defocusing quintic nonlinear Schrödinger equation on the two-dimensional cylinder. *SIAM Journal on Mathematical Analysis*, 52(5):4185–4237, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chamorro:2021:RTD

[CH21a] Diego Chamorro and Jiao He. Regularity theory for the dissipative solutions of the MagnetoHydroDynamic equations. *SIAM Journal on Mathematical Analysis*, 53(5):5288–5321, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Corcho:2021:CPA

[CH21b] Adán J. Corcho and Hichem Hajaiej. On the Cauchy problem associated with a nonequilibrium Bose–Einstein condensate of exciton polaritons. *SIAM Journal on Mathematical Analysis*, 53(6):6191–6215, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chaturvedi:2023:LEL

[Cha23] Sanchit Chaturvedi. Local existence for the Landau equation with hard potentials. *SIAM Journal on Mathematical Analysis*, 55(5):5345–5385, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1490107`.

Chen:2022:RBE

[Che22] Hongxu Chen. Regularity of Boltzmann equation with Cercignani–Lampis boundary in convex domain. *SIAM Journal on Mathematical Analysis*, 54 (3):3316–3378, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1421635`.

Chihara:2022:MAP

[Chi22] Hiroyuki Chihara. Microlocal analysis of d-plane transform on the Euclidean space. *SIAM Journal on Mathematical Analysis*, 54(6):6254–6287,

???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1442322`.

Cho:2023:SNH

[CHL23] Yonggeun Cho, Seokchang Hong, and Kiyeon Lee. Scattering and nonscattering of the Hartree-type nonlinear Dirac system at critical regularity. *SIAM Journal on Mathematical Analysis*, 55(4):3395–3419, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1437135`.

Chou:2022:GES

[CHLL22] Shih-Wei Chou, John M. Hong, Hsin-Yi Lee, and Ying-Chieh Lin. Global entropy solutions and zero relaxation limit for Greenberg–Klar–Rascle multilane traffic flow model. *SIAM Journal on Mathematical Analysis*, 54(6):5949–5980, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1473716`.

Cipriani:2022:ZIL

[CHQ22] Cristina Cipriani, Hui Huang, and Jinniao Qiu. Zero-inertia limit: From particle swarm optimization to consensus-based optimization. *SIAM Journal on Mathematical Analysis*, 54(3):3091–3121, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1412323`.

Chen:2022:GSW

[CHS22] Yazhou Chen, Bin Huang, and Xiaoding Shi. Global strong and weak solutions to the initial-boundary-value problem of two-dimensional compressible MHD system with large initial data and vacuum. *SIAM Journal on Mathematical Analysis*, 54(3):3817–3847, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1453438`.

Chu:2023:HSL

[Chu23] Raymond Chu. A Hele–Shaw limit with a variable upper bound and drift. *SIAM Journal on Mathematical Analysis*, 55(5):4938–4976, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1482743`.

Choi:2021:ASP

[CHXZ21] Young-Pil Choi, Seung-Yeal Ha, Qinghua Xiao, and Yinglong Zhang. Asymptotic stability of the phase-homogeneous solution to the Kuramoto–Sakaguchi equation with inertia. *SIAM Journal on Mathematical Analysis*, 53(3):3188–3235, ???? 2021. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Ciarlet:2020:AEF

[Cia20] Patrick Ciarlet, Jr. On the approximation of electromagnetic fields by edge finite elements. Part 3: Sensitivity to coefficients. *SIAM Journal on Mathematical Analysis*, 52(3):3004–3038, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ciosmak:2021:MHI

[Cio21] Krzysztof J. Ciosmak. Matrix Hölder's inequality and divergence formulation of optimal transport of vector measures. *SIAM Journal on Mathematical Analysis*, 53(6):6932–6958, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cao:2021:GBW

[CJ21] Wentao Cao and Peng Jiang. Global bounded weak entropy solutions to the Euler–Vlasov equations in fluid-particle system. *SIAM Journal on Mathematical Analysis*, 53(4):3958–3984, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Carlen:2021:ASE

[CJL21] Eric A. Carlen, Ian Jauslin, and Elliott H. Lieb. Analysis of a simple equation for the ground state of the Bose gas II: Monotonicity, convexity, and condensate fraction. *SIAM Journal on Mathematical Analysis*, 53 (5):5322–5360, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Choi:2023:UMV

[CJL23] Mi-Ran Choi, Sangdon Jin, and Young-Ran Lee. Uniqueness of a minimizer for a variational problem related to the dispersion managed nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 55(4):2595–2614, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1499972`.

Ciarlet:2022:MSH

[CK22] Patrick Ciarlet and Maryna Kachanovska. A mathematical study of a hyperbolic metamaterial in free space. *SIAM Journal on Mathematical Analysis*, 54(2):2216–2250, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1404223`.

Cardone:2023:SLD

[CK23a] Giuseppe Cardone and Andrii Khrabustovskyi. Spectrum of the Laplacian on a domain perturbed by small resonators. *SIAM Journal on Mathematical Analysis*, 55(4): 3677–3712, ???? 2023. CODEN SJMAAH. ISSN 0036-1410

(print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M148207X.

Chang:2023:LRN

[CK23b] Tongkeun Chang and Kyungkeun Kang. Local regularity near boundary for the Stokes and Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(5):5051–5085, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M150397X.

Chung:2020:DNF

[CKKP20] Jaywan Chung, Yong-Jung Kim, Ohsang Kwon, and Xingbin Pan. Discontinuous nonlinearity and finite time extinction. *SIAM Journal on Mathematical Analysis*, 52(1):894–926, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Coron:2020:NTE

[CKP20] Jean-Michel Coron, Alexander Keimer, and Lukas Pflug. Nonlocal transport equations — existence and uniqueness of solutions and relation to the corresponding conservation laws. *SIAM Journal on Mathematical Analysis*, 52(6):5500–5532, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cornean:2022:TDQ

[CKP+22] Horia Cornean, David Krejcirík, Thomas G. Pedersen, Nicolas Raymond, and Edgardo Stockmeyer. On the two-dimensional quantum confined Stark effect in strong electric fields. *SIAM Journal on Mathematical Analysis*, 54(2):2114–2127, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/20M1386712.

Chen:2020:SRC

[CKW20] Lin Chen, Fanze Kong, and Qi Wang. Stationary ring and concentric-ring solutions of the Keller–Segel model with quadratic diffusion. *SIAM Journal on Mathematical Analysis*, 52(5):4565–4615, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:SCS

[CKZ21] Gui-Qiang G. Chen, Jie Kuang, and Yongqian Zhang. Stability of conical shocks in the three-dimensional steady supersonic isothermal flows past Lipschitz perturbed cones. *SIAM Journal on Mathematical Analysis*, 53 (3):2811–2862, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Carlier:2020:DAM

[CL20] Guillaume Carlier and Maxime Laborde. A differential approach to the multi-marginal Schrödinger system. *SIAM*

Journal on Mathematical Analysis, 52(1):709–717, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cantrell:2021:ESD

[CL21a] Robert Stephen Cantrell and King-Yeung Lam. On the evolution of slow dispersal in MultiSpecies communities. *SIAM Journal on Mathematical Analysis*, 53(4):4933–4964, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:ABS

[CL21b] Zhengzheng Chen and Yeping Li. Asymptotic behavior of solutions to an impermeable wall problem of the compressible fluid models of Korteweg type with density-dependent viscosity and capillarity. *SIAM Journal on Mathematical Analysis*, 53(2):1434–1473, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cheskidov:2021:ADA

[CL21c] Alexey Cheskidov and Xiaoyutao Luo. Anomalous dissipation, anomalous work, and energy balance for the Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 53 (4):3856–3887, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ciotti:2021:PDC

[CL21d] Benjamin Ciotti and Bo Li. Passing from discrete to continuum models of electrostatic energy. *SIAM Journal on Mathematical Analysis*, 53(4):4568–4604, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cao:2022:LSS

[CL22a] Yue Cao and Yachun Li. Local strong solutions to the full compressible Navier–Stokes system with temperature-dependent viscosity and heat conductivity. *SIAM Journal on Mathematical Analysis*, 54(5):5588–5628, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1419544`.

Chiarini:2022:SEF

[CL22b] Leandro Chiarini and Claudio Landim. Schauder estimates for fractional Laplacians and Non-Local, one-dimensional singular SPDEs. *SIAM Journal on Mathematical Analysis*, 54(2): 2163–2215, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1382829`.

Cheng:2023:SBT

[CL23] Mengyu Cheng and Zhenxin Liu. The Second Bogolyubov Theorem and global averaging principle for SPDEs

with monotone coefficients. *SIAM Journal on Mathematical Analysis*, 55(2):1100–1144, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443698`.

Chen:2023:RTS

[CLLZ23] Ziang Chen, Jianfeng Lu, Yulong Lu, and Shengxuan Zhou. A regularity theory for static Schrödinger equations on $\mathbf{R}^d$ in spectral Barron spaces. *SIAM Journal on Mathematical Analysis*, 55(1): 557–570, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1478719`.

Chen:2023:QNL

[CLMZ23] Liang Chen, Dongfang Li, Ming Mei, and Guojing Zhang. Quasi-neutral limit to steady-state hydrodynamic model of semiconductors with degenerate boundary. *SIAM Journal on Mathematical Analysis*, 55(4):2813–2837, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1504135`.

Chen:2020:EEC

[CLWX20] Ming Chen, Zhilei Liang, Dehua Wang, and Runzhang Xu. Energy equality in compressible fluids with physical boundaries. *SIAM Journal on Mathematical Analysis*, 52(2):1363–1385, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2023:SRD

[CLYaY23] Yuhui Chen, Minling Li, Qinghe Yao, and Zheng an Yao. Sharp rates of decay and global-in-time stability of large solutions to the three-dimensional incompressible Phan-Thien–Tanner system of polymeric flows. *SIAM Journal on Mathematical Analysis*, 55(5):4537–4569, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1435161`.

Cao:2022:GRS

[CLZ22] Yue Cao, Hao Li, and Shengguo Zhu. Global regular solutions for one-dimensional degenerate compressible Navier–Stokes equations with large data and far field vacuum. *SIAM Journal on Mathematical Analysis*, 54(4):4658–4694, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1464609`.

Caro:2020:OLW

[CM20a] Pedro Caro and Cristóbal J. Meroño. The observational limit of wave packets with noisy measurements. *SIAM Journal on Mathematical Analysis*, 52(5): 5196–5212, ???? 2020. CO-

DEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cogar:2020:MET

[CM20b] Samuel Cogar and Peter B. Monk. Modified electromagnetic transmission eigenvalues in inverse scattering theory. *SIAM Journal on Mathematical Analysis*, 52(6):6412–6441, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chiba:2022:SBM

[CM22] Hayato Chiba and Georgi S. Medvedev. Stability and bifurcation of mixing in the Kuramoto model with inertia. *SIAM Journal on Mathematical Analysis*, 54(2):1797–1819, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1427000`.

Campos:2023:TSI

[CM23a] Luccas Campos and Jason Murphy. Threshold solutions for the intercritical inhomogeneous NLS. *SIAM Journal on Mathematical Analysis*, 55(4):3807–3843, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1497663`.

Cavalcante:2023:ASK

[CM23b] Márcio Cavalcante and Claudio Muñoz. Asymptotic stability of KdV solitons on the half-line: a study in the energy space. *SIAM Journal on Mathematical Analysis*, 55(5):4337–4377, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M146377X`.

Cucchi:2020:CHM

[CMM20] Alessandro Cucchi, Antoine Mellet, and Nicolas Meunier. A Cahn–Hilliard model for cell motility. *SIAM Journal on Mathematical Analysis*, 52(4):3843–3880, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cupps:2021:UBR

[CMT21] Brian P. Cupps, Jeff Morgan, and Bao Quoc Tang. Uniform boundedness for reaction-diffusion systems with mass dissipation. *SIAM Journal on Mathematical Analysis*, 53(1):323–350, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chae:2022:GRN

[CMX22] Dongho Chae, Qianyun Miao, and Liutang Xue. Global regularity of NonDiffusive temperature fronts for the two-dimensional viscous Boussinesq system. *SIAM Journal on Mathematical Analysis*, 54(4):4043–4103, ???? 2022. CODEN SJMAAH. ISSN 0036-1410

(print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1457345.

Chen:2022:TSS

[CMZZ22] Liang Chen, Ming Mei, Guojing Zhang, and Kaijun Zhang. Transonic steady-states of Euler–Poisson equations for semiconductor models with sonic boundary. *SIAM Journal on Mathematical Analysis*, 54(1): 363–388, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1416369.

Cakoni:2021:DTE

[CN21] Fioralba Cakoni and Hoai-Minh Nguyen. On the discreteness of transmission eigenvalues for the Maxwell equations. *SIAM Journal on Mathematical Analysis*, 53(1):888–913, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Carstea:2020:UEG

[CNW20] Catalin I. Cârstea, Tu Nguyen, and Jenn-Nan Wang. Uniqueness estimates for the general complex conductivity equation and their applications to inverse problems. *SIAM Journal on Mathematical Analysis*, 52(1):570–580, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2021:GDO

[CNW21] Yan-Yu Chen, Hirokazu Ninomiya, and Chang-Hong Wu. Global dynamics on one-dimensional excitable media. *SIAM Journal on Mathematical Analysis*, 53(6):7081–7112, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Comech:2022:SCS

[Com22] Andrew Comech. On solutions with compact spectrum to nonlinear Klein–Gordon and Schrödinger equations. *SIAM Journal on Mathematical Analysis*, 54(2):2128–2141, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1411330.

Covi:2022:UFC

[Cov22] Giovanni Covi. Uniqueness for the fractional Calderón problem with quasilocal perturbations. *SIAM Journal on Mathematical Analysis*, 54(6):6136–6163, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1478641.

Crismale:2021:BVS

[CR21] Vito Crismale and Riccarda Rossi. Balanced viscosity solutions to a rate-independent coupled elasto-plastic damage system. *SIAM Journal on Math-*

ematical Analysis, 53(3):3420–3492, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Carter:2021:PRA

[CRS21] Paul Carter, Jens D. M. Rademacher, and Björn Sandstede. Pulse replication and accumulation of eigenvalues. *SIAM Journal on Mathematical Analysis*, 53(3):3520–3576, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cardaliaguet:2022:MSM

[CS22] Pierre Cardaliaguet and Panagiotis Souganidis. Monotone solutions of the master equation for mean field games with idiosyncratic noise. *SIAM Journal on Mathematical Analysis*, 54(4):4198–4237, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1450008`.

Cui:2023:SLS

[CS23] Jianbo Cui and Liying Sun. Stochastic logarithmic Schrödinger equations: Energy regularized approach. *SIAM Journal on Mathematical Analysis*, 55(4):3044–3080, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1442425`.

Chen:2021:SDP

[CT21] Hao Chen and Martin Traizet. Stacking disorder in periodic minimal surfaces. *SIAM Journal on Mathematical Analysis*, 53(1):855–887, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Claudianor:2023:EMN

[CT23] O. Alves Claudianor and Nguyen V. Thin. On existence of multiple normalized solutions to a class of elliptic problems in whole RN via Lusternik–Schnirelmann category. *SIAM Journal on Mathematical Analysis*, 55(2):1264–1283, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1470694`.

Calder:2022:LRG

[CTL22] Jeff Calder, Nicolás García Trillos, and Marta Lewicka. Lipschitz regularity of graph Laplacians on random data clouds. *SIAM Journal on Mathematical Analysis*, 54(1):1169–1222, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1356610`.

Cai:2021:GWP

[CW21] Yuan Cai and Fan Wang. Global well-posedness of incompressible elastodynamics in

three-dimensional thin domain. *SIAM Journal on Mathematical Analysis*, 53(6):6654–6696, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cao:2022:MSV

[CW22] Daomin Cao and Jie Wan. Multiscale steady vortex patches for 2D incompressible Euler equations. *SIAM Journal on Mathematical Analysis*, 54(2):1488–1514, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1390529`.

Chandler-Wilde:2020:HFB

[CWSGS20] S. N. Chandler-Wilde, E. A. Spence, A. Gibbs, and V. P. Smyshlyaev. High-frequency bounds for the Helmholtz equation under parabolic trapping and applications in numerical analysis. *SIAM Journal on Mathematical Analysis*, 52(1):845–893, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Cao:2020:DVT

[CWZ20] Daomin Cao, Guodong Wang, and Weicheng Zhan. Desingularization of vortices for two-dimensional steady Euler flows via the vorticity method. *SIAM Journal on Mathematical Analysis*, 52(6):5363–5388, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2022:SFP

[CXZ22] Jun Chen, Zhouping Xin, and Aibin Zang. Subsonic flows past a profile with a vortex line at the trailing edge. *SIAM Journal on Mathematical Analysis*, 54(1):912–939, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1384099`.

Chen:2021:VSC

[CY21a] De-Han Chen and Irwin Yousept. Variational source conditions in L^p-spaces. *SIAM Journal on Mathematical Analysis*, 53(3):2863–2889, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Choi:2021:EHL

[CY21b] Young-Pil Choi and Seok-Bae Yun. Existence and hydrodynamic limit for a Paveri–Fontana type kinetic traffic model. *SIAM Journal on Mathematical Analysis*, 53(2):2631–2659, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Chen:2022:STM

[CY22] Liang-Biao Chen and Peng-Fei Yao. Strain tensors and matching property on degenerated hyperbolic surfaces. *SIAM Journal on Mathematical Analysis*, 54(4):4930–4953,

???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1440906.

Cao:2023:EMB

[CYY23] Daomin Cao, Shusen Yan, and Weilin Yu. Existence of multiple boundary vortexes in planar incompressible Euler flows. *SIAM Journal on Mathematical Analysis*, 55(5):5189–5220, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1500186.

Dai:2021:GLS

[Dai21a] Jia-Yuan Dai. Ginzburg–Landau spiral waves in circular and spherical geometries. *SIAM Journal on Mathematical Analysis*, 53(1):1004–1028, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dai:2021:NWS

[Dai21b] Mimi Dai. Nonunique weak solutions in Leray–Hopf class for the three-dimensional Hall–MHD system. *SIAM Journal on Mathematical Analysis*, 53 (5):5979–6016, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dhia:2022:CSH

[DCWF+22] Anne-Sophie Bonnet-Ben Dhia, Simon N. Chandler-Wilde, Sonia Fliss, Christophe Hazard, Karl-Mikael Perfekt, and Yohanes Tjandrawidjaja. The complex-scaled half-space matching method. *SIAM Journal on Mathematical Analysis*, 54(1): 512–557, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/20M1387122.

DelZotto:2023:EDT

[Del23] Augusto Del Zotto. Enhanced dissipation and transition threshold for the Poiseuille flow in a periodic strip. *SIAM Journal on Mathematical Analysis*, 55(5):4410–4424, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1444011.

Deng:2020:DSN

[Den20] Dingqun Deng. Dissipation and semigroup on H^k_n: Non-cutoff linearized Boltzmann operator with soft potential. *SIAM Journal on Mathematical Analysis*, 52(3):3093–3113, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Deng:2021:RNC

[Den21] Dingqun Deng. Regularity of non-cutoff Boltzmann equation with hard potential. *SIAM Journal on Mathematical Analysis*, 53(4):4513–4536, ???? 2021. CODEN SJMAAH. ISSN

0036-1410 (print), 1095-7154 (electronic).

Ducrot:2020:SSB

[DG20] Arnaud Ducrot and Alexandre Genadot. Self-similar behavior of a nonlocal diffusion equation with time delay. *SIAM Journal on Mathematical Analysis*, 52 (3):2275–2312, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dweik:2023:OTA

[DG23] Samer Dweik and Wojciech Górny. Optimal transport approach to Sobolev regularity of solutions to the weighted least gradient problem. *SIAM Journal on Mathematical Analysis*, 55(3):1916–1948, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1468358`.

Dang:2023:HNS

[DGB23] Thuyen Dang, Yuliya Gorb, and Silvia Jiménez Bolaños. Homogenization of a NonLinear strongly coupled model of magnetorheological fluids. *SIAM Journal on Mathematical Analysis*, 55(1):102–132, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1476939`.

Dovetta:2020:PLA

[DGMP20] Simone Dovetta, Marco Ghimenti, Anna Maria Micheletti, and Angela Pistoia. Peaked and low action solutions of NLS equations on graphs with terminal edges. *SIAM Journal on Mathematical Analysis*, 52 (3):2874–2894, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ding:2021:SSD

[DGR21] Yanheng Ding, Qi Guo, and Bernhard Ruf. Stationary states of Dirac–Klein–Gordon systems with nonlinear interacting terms. *SIAM Journal on Mathematical Analysis*, 53(5): 5731–5755, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dareiotis:2020:ESP

[DGT20] Konstantinos Dareiotis, Benjamin Gess, and Pavlos Tsatsoulis. Ergodicity for stochastic porous media equations with multiplicative noise. *SIAM Journal on Mathematical Analysis*, 52(5):4524–4564, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dietert:2022:IPT

[DGV22] Helge Dietert and David Gérard-Varet. On the ill-posedness of the triple deck model. *SIAM Journal on Mathematical Analysis*, 54(2):2611–2633,

???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1427401`.

Dong:2023:GWP

[DGWZ23] Zhao Dong, Boling Guo, Jiang-Lun Wu, and Guoli Zhou. Global well-posedness and regularity of stochastic 3D Burgers equation with multiplicative noise. *SIAM Journal on Mathematical Analysis*, 55(3):1847–1882, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1413377`.

Dreier:2021:RID

[DH21] Florian Dreier and Markus Haltmeier. Recovering the initial data of the wave equation from Neumann traces. *SIAM Journal on Mathematical Analysis*, 53(2):2427–2451, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ding:2023:NLG

[Din23] Min Ding. Newtonian limits and global stability of shock solutions for piston problem to the relativistic full Euler system. *SIAM Journal on Mathematical Analysis*, 55(2):628–673, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1463422`.

Druet:2020:ACD

[DJ20] Pierre-Etienne Druet and Ansgar Jüngel. Analysis of cross-diffusion systems for fluid mixtures driven by a pressure gradient. *SIAM Journal on Mathematical Analysis*, 52(2):2179–2197, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dinh:2021:LTD

[DK21a] Van Duong Dinh and Sahbi Keraani. Long time dynamics of nonradial solutions to inhomogeneous nonlinear Schrödinger equations. *SIAM Journal on Mathematical Analysis*, 53(4):4765–4811, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dong:2021:GFN

[DK21b] Hongjie Dong and Seick Kim. Green's function for nondivergence elliptic operators in two dimensions. *SIAM Journal on Mathematical Analysis*, 53(4):4637–4656, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dunst:2021:DSS

[DK21c] Kamil Dunst and Piotr Kokocki. Double spiral singularities for a flow of regular planar curves. *SIAM Journal on Mathematical Analysis*, 53(4):4727–4743, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Davies:2023:NSB

[DK23] Joseph P. Davies and Gabriel S. Koch. Navier–Stokes blowup rates in certain Besov spaces whose regularity exceeds the critical value by $\epsilon \in [1, 2]$. *SIAM Journal on Mathematical Analysis*, 55(5):5432–5444, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1520268`.

Ding:2021:EKS

[DL21] Zhiyan Ding and Qin Li. Ensemble Kalman sampler: Mean-field limit and convergence analysis. *SIAM Journal on Mathematical Analysis*, 53(2):1546–1578, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dai:2022:NRG

[DL22a] Feng Dai and Bin Liu. A new result for global solvability of a two species cancer invasion haptotaxis model with tissue remodeling. *SIAM Journal on Mathematical Analysis*, 54(1): 1–35, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/19M1309870`.

Ding:2022:GSC

[DL22b] Mengyao Ding and Johannes Lankeit. Generalized solutions to a Chemotaxis-Navier–Stokes system with arbitrary superlinear degradation. *SIAM Journal on Mathematical Analysis*, 54(1):1022–1052, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M140907X`.

Deng:2020:ASP

[DLL20] Youjun Deng, Hongjie Li, and Hongyu Liu. Analysis of surface polariton resonance for nanoparticles in elastic system. *SIAM Journal on Mathematical Analysis*, 52(2):1786–1805, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dai:2021:CNS

[DLQ21] Wei Dai, Zhao Liu, and Guolin Qin. Classification of non-negative solutions to static Schrödinger–Hartree–Maxwell type equations. *SIAM Journal on Mathematical Analysis*, 53 (2):1379–1410, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Du:2022:ADP

[DLW22] Qiang Du, Xin Yang Lu, and Chong Wang. The average distance problem with perimeter-to-area ratio penalization. *SIAM Journal on Mathematical Analysis*, 54(3):3122–3138, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/21M1422987.

Ding:2021:VPB

[DLX21] Shijin Ding, Zhilin Lin, and Feng Xie. Verification of Prandtl boundary layer ansatz for steady electrically conducting fluids with a moving physical boundary. *SIAM Journal on Mathematical Analysis*, 53 (5):4997–5059, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Duan:2021:GCS

[DLY21] Renjun Duan, Shuangqian Liu, and Tong Yang. Global classical solutions for the Vlasov–Nordström–Fokker–Planck system. *SIAM Journal on Mathematical Analysis*, 53(5):6164–6190, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ding:2020:DTP

[DM20a] Weiwei Ding and Hiroshi Matano. Dynamics of time-periodic reaction-diffusion equations with front-like initial data on **R**. *SIAM Journal on Mathematical Analysis*, 52(3):2411–2462, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Donatelli:2020:CIQ

[DM20b] Donatella Donatelli and Prince Romeo Mensah. The combined incompressible quasineutral limit of the stochastic Navier–Stokes–Poisson system. *SIAM Journal on Mathematical Analysis*, 52 (5):5090–5120, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dong:2021:EMR

[DM21] Xiaojing Dong and Anmin Mao. Existence and multiplicity results for general quasilinear elliptic equations. *SIAM Journal on Mathematical Analysis*, 53 (4):4965–4984, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Duan:2022:GSW

[DM22] Senhao Duan and Yue Ma. Global solutions of wave-Klein–Gordon systems in 2 + 1 dimensional space-time with strong couplings in divergence form. *SIAM Journal on Mathematical Analysis*, 54(3):2691–2726, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/20M1377229.

DiFratta:2020:VPM

[DMRS20] Giovanni Di Fratta, Cyrill B. Muratov, Filipp N. Rybakov, and Valeriy V. Slastikov. Variational principles of micromagnetics revisited. *SIAM Journal on Mathematical Analysis*, 52 (4):3580–3599, ???? 2020. CODEN SJMAAH. ISSN 0036-

1410 (print), 1095-7154 (electronic).

Davoli:2022:ECH

[DMS22a] Elisa Davoli, Anastasia Molchanova, and Ulisse Stefanelli. Equilibria of charged hyperelastic solids. *SIAM Journal on Mathematical Analysis*, 54(2):1470–1487, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1413286`.

DiFratta:2022:SPM

[DMS22b] Giovanni Di Fratta, Antonin Monteil, and Valeriy Slastikov. Symmetry properties of minimizers of a perturbed Dirichlet energy with a boundary penalization. *SIAM Journal on Mathematical Analysis*, 54(3):3636–3653, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M143011X`.

Dovetta:2022:NRR

[DMS22c] Simone Dovetta, Elio Marconi, and Laura V. Spinolo. New regularity results for scalar conservation laws, and applications to a source-destination model for traffic flows on networks. *SIAM Journal on Mathematical Analysis*, 54(3):3019–3053, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1434283`.

Didier:2020:AAM

[DN20] Gustavo Didier and Hung Nguyen. Asymptotic analysis of the mean squared displacement under fractional memory kernels. *SIAM Journal on Mathematical Analysis*, 52(4):3818–3842, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Du:2022:HDF

[DN22] Yihong Du and Wenjie Ni. The high dimensional Fisher–KPP nonlocal diffusion equation with free boundary and radial symmetry, Part 1. *SIAM Journal on Mathematical Analysis*, 54(3):3930–3973, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1451920`.

doNascimento:2023:DEU

[dN23] Arnaldo Simal do Nascimento. The destabilizing effect of unbalanced reaction as diffusivity decreases on reaction-diffusion equations in boundaryless surfaces. *SIAM Journal on Mathematical Analysis*, 55(1):68–101, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1448082`.

Dodson:2021:SCS

[Dod21] Benjamin Dodson. The L^2 sequential convergence of a solution to the one-dimensional,

mass-critical NLS above the ground state. *SIAM Journal on Mathematical Analysis*, 53 (4):4744–4764, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dong:2022:GSK

[Don22] Shijie Dong. Global solution to the Klein–Gordon–Zakharov equations with uniform energy bounds. *SIAM Journal on Mathematical Analysis*, 54(1): 595–615, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1395235`.

Dai:2023:CSC

[DQ23] Wei Dai and Guolin Qin. Classification of solutions to conformally invariant systems with mixed order and exponentially increasing or nonlocal nonlinearity. *SIAM Journal on Mathematical Analysis*, 55(3):2111–2149, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1499650`.

Daneri:2020:PFL

[DR20a] Sara Daneri and Eris Runa. Pattern formation for a Local/Nonlocal interaction functional arising in colloidal systems. *SIAM Journal on Mathematical Analysis*, 52(3):2531–2560, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Duchene:2020:LTA

[DR20b] V. Duchêne and L. M. Rodrigues. Large-time asymptotic stability of Riemann shocks of scalar balance laws. *SIAM Journal on Mathematical Analysis*, 52(1):792–820, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

DeSilva:2021:CDO

[DS21a] Daniela De Silva and Ovidiu Savin. On certain degenerate one-phase free boundary problems. *SIAM Journal on Mathematical Analysis*, 53(1): 649–680, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Deng:2021:ETD

[DS21b] Shengfu Deng and Shu-Ming Sun. The existence of three-dimensional multi-Hump gravity-capillary surface waves on water of finite depth. *SIAM Journal on Mathematical Analysis*, 53(2):2134–2205, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dodson:2022:BSW

[DS22] Stephanie Dodson and Björn Sandstede. Behavior of spiral wave spectra with a rank-deficient diffusion matrix. *SIAM Journal on Math-*

ematical Analysis, 54(3):3789–3816, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455917`.

Debiec:2023:CHM

[DS23] Tomasz Debiec and Endre Süli. Corotational Hookean models of dilute polymeric fluids: Existence of global weak solutions, weak-strong uniqueness, equilibration, and macroscopic closure. *SIAM Journal on Mathematical Analysis*, 55(1):310–346, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M149867X`.

Dinvay:2020:WPD

[DST20] E. Dinvay, S. Selberg, and A. Tesfahun. Well-posedness for a dispersive system of the Whitham–Boussinesq type. *SIAM Journal on Mathematical Analysis*, 52(3):2353–2382, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Deconinck:2020:OSE

[DU20] Bernard Deconinck and Jeremy Upsal. The orbital stability of elliptic solutions of the focusing nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 52(1):1–41, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dunster:2021:NKF

[Dun21] T. M. Dunster. Nield–Kuznetsov functions and Laplace transforms of parabolic cylinder functions. *SIAM Journal on Mathematical Analysis*, 53 (5):5915–5947, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dong:2020:BRC

[DW20] Hongjie Dong and Kunrui Wang. Boundary ε-regularity criteria for the three-dimensional Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 52(2):1290–1309, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Du:2021:SCT

[DW21] Lili Du and Yongfu Wang. Steady collision of two jets issuing from two axially symmetric channels. *SIAM Journal on Mathematical Analysis*, 53 (2):2523–2566, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Duan:2021:HSP

[DYZ21] Renjun Duan, Haiyan Yin, and Changjiang Zhu. A half-space problem on the full Euler–Poisson system. *SIAM Journal on Mathematical Analysis*, 53 (5):6094–6121, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Dong:2023:TAN

[DZZ23] Hongjie Dong, Chulan Zeng, and Qi S. Zhang. Time analyticity for nonlocal parabolic equations. *SIAM Journal on Mathematical Analysis*, 55(3): 1883–1915, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1490740`.

Evgrafov:2023:NBP

[EB23] Anton Evgrafov and José C. Bellido. Nonlocal basis pursuit: Nonlocal optimal design of conductive domains in the vanishing material limit. *SIAM Journal on Mathematical Analysis*, 55(4):2740–2773, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1479166`.

Eceizabarrena:2022:ASF

[ED22] Daniel Eceizabarrena and Victor Vilaça Da Rocha. An analytical study of flatness and intermittency through Riemann's nondifferentiable functions. *SIAM Journal on Mathematical Analysis*, 54(3):3575–3608, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1411512`.

Eberle:2021:SBI

[EFHS21] S. Eberle, F. Florian, R. Hiptmair, and S. A. Sauter. A stable boundary integral formulation of an acoustic wave transmission problem with mixed boundary conditions. *SIAM Journal on Mathematical Analysis*, 53 (2):1492–1508, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Emmert:2020:LDM

[EFK20] Lukas Emmert, Rupert L. Frank, and Tobias König. Liquid drop model for nuclear matter in the dilute limit. *SIAM Journal on Mathematical Analysis*, 52(2):1980–1999, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ehrnstrom:2022:EDS

[EGN22] Mats Ehrnström, Mark D. Groves, and Dag Nilsson. Existence of Davey–Stewartson type solitary waves for the fully dispersive Kadomtsev–Petviashvilii equation. *SIAM Journal on Mathematical Analysis*, 54(4):4954–4986, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1451518`.

Entekhabi:2020:ISA

[EI20] Mozhgan Entekhabi and Victor Isakov. Increasing stability in acoustic and elastic inverse source problems. *SIAM Journal on Mathematical Analysis*, 52 (5):5232–5256, ???? 2020. CO-

DEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ennaji:2022:QCH

[EIN22] Hamza Ennaji, Noureddine Igbida, and Van Thanh Nguyen. Quasi-convex Hamilton–Jacobi equations via Finsler p-Laplace-type operators. *SIAM Journal on Mathematical Analysis*, 54 (4):5041–5063, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M143306X`.

Eiter:2022:OTR

[Eit22] Thomas Eiter. On the Oseen-type resolvent problem associated with time-periodic flow past a rotating body. *SIAM Journal on Mathematical Analysis*, 54(4):4987–5012, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1456728`.

Eleuteri:2020:ASS

[EK20] Michela Eleuteri and Pavel Krejcí. Asymptotic stability of solutions to the porous media system with hysteresis. *SIAM Journal on Mathematical Analysis*, 52(4):3962–3989, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Epshteyn:2021:MGB

[ELM21] Yekaterina Epshteyn, Chun Liu, and Masashi Mizuno. Motion of grain boundaries with dynamic lattice misorientations and with triple junctions drag. *SIAM Journal on Mathematical Analysis*, 53(3):3072–3097, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Erceg:2022:STD

[EM22] Marko Erceg and Darko Mitrović. Strong traces to degenerate parabolic equations. *SIAM Journal on Mathematical Analysis*, 54(2):1775–1796, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1425530`.

Emerald:2021:RDW

[Eme21] Louis Emerald. Rigorous derivation from the water waves equations of some full dispersion shallow water models. *SIAM Journal on Mathematical Analysis*, 53(4):3772–3800, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Einav:2020:IDE

[EMT20] Amit Einav, Jeffrey J. Morgan, and Bao Q. Tang. Indirect diffusion effect in degenerate reaction-diffusion systems. *SIAM Journal on Mathematical Analysis*, 52(5):4314–4361, ???? 2020. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Eckstein:2022:QSR

[EN22] Stephan Eckstein and Marcel Nutz. Quantitative stability of regularized optimal transport and convergence of Sinkhorn's algorithm. *SIAM Journal on Mathematical Analysis*, 54(6): 5922–5948, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M145505X`.

Efendiev:2020:MAP

[EOE20] Messoud A. Efendiev, Mitsuharu Otani, and Hermann J. Eberl. Mathematical analysis of a PDE–ODE coupled model of mitochondrial swelling with degenerate calcium ion diffusion. *SIAM Journal on Mathematical Analysis*, 52(1):543–569, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Evans:2021:HPE

[Eva21] Josephine Evans. Hypocoercivity in phi-entropy for the linear relaxation Boltzmann equation on the torus. *SIAM Journal on Mathematical Analysis*, 53 (2):1357–1378, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Esteve-Yague:2022:DRI

[EYZ22] Carlos Esteve-Yagüe and Enrique Zuazua. Differentiability with respect to the initial condition for Hamilton–Jacobi equations. *SIAM Journal on Mathematical Analysis*, 54(5): 5388–5423, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469353`.

Esteve:2020:IPH

[EZ20] Carlos Esteve and Enrique Zuazua. The inverse problem for Hamilton–Jacobi equations and semiconcave envelopes. *SIAM Journal on Mathematical Analysis*, 52(6):5627–5657, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Feppon:2021:HOH

[Fep21] Florian Feppon. High order homogenization of the Stokes system in a periodic porous medium. *SIAM Journal on Mathematical Analysis*, 53(3): 2890–2924, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Francini:2020:ERE

[FFV20] Elisa Francini, Giovanni Franzina, and Sergio Vessella. Existence and regularity for eddy current system with nonsmooth conductivity. *SIAM Journal on Mathematical Analysis*, 52(2): 2134–2157, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ferreira:2021:HQC

[FFV21] Rita Ferreira, Irene Fonseca, and Raghavendra Venkatraman. Homogenization of quasicrystalline functionals via two-scale-cut-and-project convergence. *SIAM Journal on Mathematical Analysis*, 53(2):1785–1817, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fang:2022:APT

[FG22] Beixiang Fang and Xin Gao. On admissible positions of transonic shocks for steady isothermal Euler flows in a horizontal flat nozzle under vertical gravity. *SIAM Journal on Mathematical Analysis*, 54(5):5223–5267, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M146733X`.

Fonseca:2021:MCD

[FGW21] Irene Fonseca, Janusz Ginster, and Stephan Wojtowytsch. On the motion of curved dislocations in three dimensions: Simplified linearized elasticity. *SIAM Journal on Mathematical Analysis*, 53(2):2373–2426, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fischer:2022:GEA

[FHKM22] Julian Fischer, Katharina Hopf, Michael Kniely, and Alexander Mielke. Global existence analysis of energy-reaction-diffusion systems. *SIAM Journal on Mathematical Analysis*, 54(1):220–267, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1387237`.

Feng:2020:CGL

[FHM20] Zhewen Feng, Min-Chun Hong, and Yu Mei. Convergence of the Ginzburg–Landau approximation for the Ericksen–Leslie system. *SIAM Journal on Mathematical Analysis*, 52(1):481–523, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Feppon:2022:HOH

[FJ22] Florian Feppon and Wenjia Jing. High order homogenized Stokes models capture all three regimes. *SIAM Journal on Mathematical Analysis*, 54(4):5013–5040, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1390232`.

Ftouhi:2021:BSD

[FL21] Ilias Ftouhi and Jimmy Lamboley. Blaschke–Santaló diagram for volume, perimeter, and first Dirichlet eigenvalue. *SIAM Journal on Mathematical Analysis*, 53(2):1670–1710, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fischer:2020:CRA

[FLS20] Julian Fischer, Tim Laux, and Theresa M. Simon. Convergence rates of the Allen–Cahn equation to mean curvature flow: a short proof based on relative entropies. *SIAM Journal on Mathematical Analysis*, 52 (6):6222–6233, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Faustmann:2022:WAR

[FMMS22] Markus Faustmann, Carlo Marcati, Jens Markus Melenk, and Christoph Schwab. Weighted analytic regularity for the integral fractional Laplacian in polygons. *SIAM Journal on Mathematical Analysis*, 54(6): 6323–6357, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M146569X`.

Frid:2021:GSS

[FMN21] Hermano Frid, Daniel Marroquin, and João F. C. Nariyoshi. Global smooth solutions with large data for a system modeling Aurora type phenomena in the 2-torus. *SIAM Journal on Mathematical Analysis*, 53 (1):1122–1167, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Forkert:2022:ECE

[FMP22] Dominik Forkert, Jan Maas, and Lorenzo Portinale. Evolutionary Γ-convergence of entropic gradient flow structures for Fokker–Planck equations in multiple dimensions. *SIAM Journal on Mathematical Analysis*, 54(4):4297–4333, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1410968`.

Friesecke:2021:BHK

[FMS21] Gero Friesecke, Daniel Matthes, and Bernhard Schmitzer. Barycenters for the Hellinger–Kantorovich distance over $\mathbf{R}^d$. *SIAM Journal on Mathematical Analysis*, 53(1):62–110, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fitzgibbon:2021:RDA

[FMTY21] William E. Fitzgibbon, Jeffrey J. Morgan, Bao Q. Tang, and Hong-Ming Yin. Reaction-diffusion-advection systems with discontinuous diffusion and mass control. *SIAM Journal on Mathematical Analysis*, 53 (6):6771–6803, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fall:2023:EPN

[FMW23] Mouhamed Moustapha Fall, Ignace Aristide Minlend, and Tobias Weth. On an electrostatic problem and a new class of exceptional subdomains of R3. *SIAM Journal on Math-*

ematical Analysis, 55(3):2347–2376, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1487540.

Fornerod:2023:WLT

[FN23] Jean Fornerod and Hoai-Minh Nguyen. The Weyl law of transmission eigenvalues and the completeness of generalized transmission eigenfunctions without complementing conditions. *SIAM Journal on Mathematical Analysis*, 55(4):3959–3999, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1486157.

Flandoli:2020:UAD

[FOS20] Franco Flandoli, Christian Olivera, and Marielle Simon. Uniform approximation of 2 dimensional Navier–Stokes equation by stochastic interacting particle systems. *SIAM Journal on Mathematical Analysis*, 52 (6):5339–5362, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Foss:2021:TGS

[Fos21] Mikil Foss. Traces on general sets in R^n for functions with no differentiability requirements. *SIAM Journal on Mathematical Analysis*, 53(4):4212–4251, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Freistuhler:2020:DBV

[FP20] Heinrich Freistühler and Valentin Pellhammer. Dependence on the background viscosity of solutions to a prototypical Non-Strictly hyperbolic system of conservation laws. *SIAM Journal on Mathematical Analysis*, 52(6):5658–5674, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fournier:2021:NTD

[FP21] Nicolas Fournier and Benoît Perthame. A nonexpanding transport distance for some structured equations. *SIAM Journal on Mathematical Analysis*, 53(6):6847–6872, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fang:2022:NTW

[FP22] Jian Fang and Yingli Pan. Non-Monotonicity of traveling wave profiles for a unimodal recursive system. *SIAM Journal on Mathematical Analysis*, 54(2): 1669–1694, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M139236X.

Feliciangeli:2020:UNM

[FS20] Dario Feliciangeli and Robert Seiringer. Uniqueness and Non-Degeneracy of minimizers of

the Pekar functional on a ball. *SIAM Journal on Mathematical Analysis*, 52(1):605–622, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fonte:2022:LTB

[FS22] Claudia Fonte and Valentin Schmutz. Long time behavior of an age- and leaky memory-structured neuronal population equation. *SIAM Journal on Mathematical Analysis*, 54(4): 4721–4756, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1428571`.

Fefferman:2022:LBQ

[FSW22] Charles Fefferman, Jacob Shapiro, and Michael I. Weinstein. Lower bound on quantum tunneling for strong magnetic fields. *SIAM Journal on Mathematical Analysis*, 54(1):1105–1130, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1429412`.

Fuest:2020:GSN

[Fue20] Mario Fuest. Global solutions near homogeneous steady states in a multidimensional population model with both predator- and prey-taxis. *SIAM Journal on Mathematical Analysis*, 52 (6):5865–5891, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Franz:2021:ICR

[FW21] Tino Franz and Holger Wendland. An improved convergence result for the smoothed particle hydrodynamics method. *SIAM Journal on Mathematical Analysis*, 53(2):1239–1262, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fan:2021:WZT

[FX21] Chenjie Fan and Weijun Xu. A Wong–Zakai theorem for the stochastic mass-critical nonlinear Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 53(3):3681–3715, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Fang:2020:PSN

[FXX20] Beixiang Fang, Wei Xiang, and Feng Xiao. Persistence of the steady normal shock structure for the unsteady potential flow. *SIAM Journal on Mathematical Analysis*, 52(6):6033–6104, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Feng:2021:ESM

[FZ21] Chunrong Feng and Huaizhong Zhao. Ergodicity of sublinear Markovian semigroups. *SIAM Journal on Mathematical Analysis*, 53(5):5646–5681, ???? 2021. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Gallenmuller:2023:MVL

[Gal23] Dennis Gallenmüller. Measure-valued low Mach number limits of ideal fluids. *SIAM Journal on Mathematical Analysis*, 55(2): 1145–1169, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1467596`.

Gao:2021:APC

[Gao21] Peng Gao. Averaging principle for complex Ginzburg–Landau equation perturbated by mixing random forces. *SIAM Journal on Mathematical Analysis*, 53(1):32–61, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gassot:2023:LEZ

[Gas23] Louise Gassot. Lax eigenvalues in the zero-dispersion limit for the Benjamin–Ono equation on the torus. *SIAM Journal on Mathematical Analysis*, 55(5): 5782–5822, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/23M154635X`.

Granero-Belinchon:2020:AMF

[GBS20] Rafael Granero-Belinchón and Stefano Scrobogna. On an asymptotic model for free boundary Darcy flow in porous media. *SIAM Journal on Mathematical Analysis*, 52(5):4937–4970, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Geredeli:2021:BSW

[Ger21] Pelin G. Geredeli. Bounded semigroup wellposedness for a linearized compressible flow structure PDE interaction with material derivative. *SIAM Journal on Mathematical Analysis*, 53(2):1711–1744, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gervais:2023:CBN

[Ger23] Pierre Gervais. On the convergence from Boltzmann to Navier–Stokes–Fourier for general initial data. *SIAM Journal on Mathematical Analysis*, 55(2):805–848, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1471687`.

Gerard:2020:DSE

[GG20] Patrick Gérard and Sandrine Grellier. On a damped Szegő equation (with an appendix in collaboration with Christian Klein). *SIAM Journal on Mathematical Analysis*, 52(5):4391–4420, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gong:2021:CMT

[GH21a] Yishu Gong and Siming He. On the 8π-critical-mass threshold of a Patlak–Keller–Segel–Navier–Stokes system. *SIAM Journal on Mathematical Analysis*, 53 (3):2925–2956, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Grabovsky:2021:FEC

[GH21b] Yury Grabovsky and Narek Hovsepyan. On the feasibility of extrapolation of the complex electromagnetic permittivity function using Kramers–Kronig relations. *SIAM Journal on Mathematical Analysis*, 53 (6):6993–7023, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Garde:2020:RLF

[GHK20] Henrik Garde, Nuutti Hyvönen, and Topi Kuutela. On regularity of the logarithmic forward map of electrical impedance tomography. *SIAM Journal on Mathematical Analysis*, 52(1): 197–220, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gan:2022:DLC

[GHL22] Zaihui Gan, Xianpeng Hu, and Fanghua Lin. Defects in liquid crystal flows. *SIAM Journal on Mathematical Analysis*, 54(2): 1695–1717, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1396010`.

Ghattassi:2022:DLR

[GHM22] Mohamed Ghattassi, Xiaokai Huo, and Nader Masmoudi. On the diffusive limits of radiative heat transfer system I: Well-prepared initial and boundary conditions. *SIAM Journal on Mathematical Analysis*, 54(5): 5335–5387, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455267`.

Geng:2021:CGB

[GHW21] Shifeng Geng, Feimin Huang, and Xiaochun Wu. L^1-convergence to generalized Barenblatt solution for compressible Euler equations with time-dependent damping. *SIAM Journal on Mathematical Analysis*, 53(5):6048–6072, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ginsberg:2021:BSI

[Gin21] Daniel Ginsberg. On the breakdown of solutions to the incompressible Euler equations with free surface boundary. *SIAM Journal on Mathematical Analysis*, 53(3):3366–3384, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gorbachev:2020:UPE

[GIT20] Dmitry Gorbachev, Valerii Ivanov, and Sergey Tikhonov. Uncertainty principles for eventually constant sign bandlimited functions. *SIAM Journal on Mathematical Analysis*, 52 (5):4751–4782, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ghoshal:2021:NRE

[GJ21] Shyam Sundar Ghoshal and Animesh Jana. Nonexistence of the BV regularizing effect for scalar conservation laws in several space dimensions for C^2 fluxes. *SIAM Journal on Mathematical Analysis*, 53(2):1908–1943, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Garcke:2020:WSC

[GK20] Harald Garcke and Patrik Knopf. Weak solutions of the Cahn–Hilliard system with dynamic boundary conditions: a gradient flow approach. *SIAM Journal on Mathematical Analysis*, 52(1):340–369, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gavioli:2021:VPM

[GK21a] Chiara Gavioli and Pavel Krejcí. On a viscoelastoplastic porous medium problem with nonlinear interaction. *SIAM Journal on Mathematical Analysis*, 53 (1):1191–1213, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gong:2021:WMV

[GK21b] Xiaoqian Gong and Matthias Kawski. Weak measure-valued solutions of a nonlinear hyperbolic conservation law. *SIAM Journal on Mathematical Analysis*, 53(4):4417–4444, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gebhard:2022:BTD

[GK22] Björn Gebhard and József J. Kolumbán. On bounded two-dimensional globally dissipative Euler flows. *SIAM Journal on Mathematical Analysis*, 54(3): 3457–3479, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1454675`.

Gu:2023:FWN

[GK23] Yu Gu and Tomasz Komorowski. Fluctuations of the winding number of a directed polymer on a cylinder. *SIAM Journal on Mathematical Analysis*, 55(4):3262–3286, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1512508`.

Giletti:2022:TSN

[GKK22] Thomas Giletti, Ho-Youn Kim, and Yong-Jung Kim. Terrace solutions for non-Lipschitz multistable nonlinearities. *SIAM Journal on Mathematical Analysis*, 54(4):4785–4805, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1445430`.

Ghoussoub:2021:HCP

[GKLP21] Nassif Ghoussoub, Young-Heon Kim, Hugo Lavenant, and Aaron Zeff Palmer. Hidden convexity in a problem of nonlinear elasticity. *SIAM Journal on Mathematical Analysis*, 53 (1):1070–1087, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gladbach:2020:SLD

[GKM20] Peter Gladbach, Eva Kopfer, and Jan Maas. Scaling limits of discrete optimal transport. *SIAM Journal on Mathematical Analysis*, 52(3):2759–2802, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gu:2020:FNS

[GL20] Yu Gu and Jiawei Li. Fluctuations of a nonlinear stochastic heat equation in dimensions three and higher. *SIAM Journal on Mathematical Analysis*, 52 (6):5422–5440, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Giri:2021:ENC

[GL21] Ankik Kumar Giri and Philippe Laurençot. Existence and NonExistence for the collision-induced breakage equation. *SIAM Journal on Mathematical Analysis*, 53(4):4605–4636, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Grohs:2023:NUT

[GL23] Philipp Grohs and Lukas Liehr. Non-uniqueness theory in sampled STFT phase retrieval. *SIAM Journal on Mathematical Analysis*, 55(5):4695–4726, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1510224`.

Geng:2020:ABS

[GLM20] Shifeng Geng, Yanping Lin, and Ming Mei. Asymptotic behavior of solutions to Euler equations with time-dependent damping in critical case. *SIAM Journal on Mathematical Analysis*, 52 (2):1463–1488, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Guo:2023:EAB

[GLP23] Yujin Guo, Yong Luo, and Shuangjie Peng. Existence and asymptotic behavior of

ground states for rotating Bose–Einstein condensates. *SIAM Journal on Mathematical Analysis*, 55(2):773–804, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1474680`.

Giorgini:2022:ESS

[GLRS22] Andrea Giorgini, Kei Fong Lam, Elisabetta Rocca, and Giulio Schimperna. On the existence of strong solutions to the Cahn–Hilliard–Darcy system with mass source. *SIAM Journal on Mathematical Analysis*, 54(1): 737–767, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1376443`.

Galkowski:2023:PML

[GLS23] Jeffrey Galkowski, David Lafontaine, and Euan Spence. Perfectly-matched-layer truncation is exponentially accurate at high frequency. *SIAM Journal on Mathematical Analysis*, 55(4):3344–3394, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443716`.

Galkowski:2023:DHF

[GLSW23] J. Galkowski, D. Lafontaine, E. A. Spence, and J. Wunsch. Decompositions of high-frequency Helmholtz solutions via functional calculus, and application to the finite element method. *SIAM Journal on Mathematical Analysis*, 55(4): 3903–3958, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1409160`.

Gao:2022:RSC

[GLW22] Yu Gao, Hao Liu, and Tak Kwong Wong. Regularity structure of conservative solutions to the Hunter–Saxton equation. *SIAM Journal on Mathematical Analysis*, 54(1):423–452, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1427590`.

Gao:2023:ABC

[GLW23] Yu Gao, Hao Liu, and Tak Kwong Wong. Asymptotic behavior of conservative solutions to the Hunter–Saxton equation. *SIAM Journal on Mathematical Analysis*, 55(5):5483–5525, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1540491`.

Gao:2020:STS

[GLY20] Junlei Gao, Li Liu, and Hairong Yuan. On stability of transonic shocks for stationary Rayleigh flows in two-dimensional ducts. *SIAM Journal on Mathematical Analysis*, 52(5):5287–5337, ???? 2020. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Garavello:2020:GWS

[GM20a] Mauro Garavello and Francesca Marcellini. Global weak solutions to the Cauchy problem for a two-phase model at a node. *SIAM Journal on Mathematical Analysis*, 52(2):1567–1590, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Grava:2020:LTA

[GM20b] Tamara Grava and Alexander Minakov. On the long-time asymptotic behavior of the modified Korteweg–de Vries equation with step-like initial data. *SIAM Journal on Mathematical Analysis*, 52(6):5892–5993, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gallouet:2022:CLD

[GMN22] Thomas O. Gallouët, Quentin Mérigot, and Andrea Natale. Convergence of a Lagrangian discretization for barotropic fluids and porous media flow. *SIAM Journal on Mathematical Analysis*, 54(3):2990–3018, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1422756`.

Galkowski:2021:ETH

[GMS21a] Jeffrey Galkowski, Pierre Marchand, and Euan A. Spence. Eigenvalues of the truncated Helmholtz solution operator under strong trapping. *SIAM Journal on Mathematical Analysis*, 53(6):6724–6770, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gangbo:2021:FDA

[GMŚ21b] Wilfrid Gangbo, Sergio Mayorga, and Andrzej Świech. Finite dimensional approximations of Hamilton–Jacobi–Bellman equations in spaces of probability measures. *SIAM Journal on Mathematical Analysis*, 53(2):1320–1356, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Garroni:2021:DLT

[GMS21c] Adriana Garroni, Roberta Marziani, and Riccardo Scala. Derivation of a line-tension model for dislocations from a nonlinear three-dimensional energy: The case of quadratic growth. *SIAM Journal on Mathematical Analysis*, 53(4):4252–4302, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gaczkowski:2023:MSC

[GMS23] Michał Gaczkowski, Jarosław Mederski, and Jacopo Schino. Multiple solutions to cylindrically symmetric curl–curl problems and related Schrödinger equations with singular poten-

tials. *SIAM Journal on Mathematical Analysis*, 55(5):4425–4444, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1494786`.

Gaal:2020:MEP

[GNNCR20] Marcell Gaál, Béla Nagy, Zsuzsanna Nagy-Csiha, and Szilárd Gy. Révész. Minimal energy point systems on the unit circle and the real line. *SIAM Journal on Mathematical Analysis*, 52(6):6281–6296, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Grenier:2022:PEN

[GNR22] Emmanuel Grenier, Toan T. Nguyen, and Igor Rodnianski. Plasma echoes near stable Penrose data. *SIAM Journal on Mathematical Analysis*, 54(1):940–953, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1392553`.

Golding:2023:URT

[Gol23] William Golding. Unconditional regularity and trace results for the isentropic Euler equations with $\gamma = 3$. *SIAM Journal on Mathematical Analysis*, 55(5):5751–5781, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/23M1554667`.

Griso:2020:ABT

[GOW20] Georges Griso, Julia Orlik, and Stephan Wackerle. Asymptotic behavior for textiles. *SIAM Journal on Mathematical Analysis*, 52(2):1639–1689, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gao:2023:ASD

[GR23] Yuan Gao and Jean-Michel Roquejoffre. Asymptotic stability for diffusion with dynamic boundary reaction from Ginzburg–Landau energy. *SIAM Journal on Mathematical Analysis*, 55(2):1246–1263, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469791`.

Gell-Redman:2020:EAN

[GRHSZ20] Jesse Gell-Redman, Andrew Hassell, Jacob Shapiro, and Junyong Zhang. Existence and asymptotics of nonlinear Helmholtz eigenfunctions. *SIAM Journal on Mathematical Analysis*, 52(6):6180–6221, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Golab:2023:TDH

[GRR23] Adam J. Golab, James C. Robinson, and Jose L. Rodrigo. On two-dimensional harmonic extensions of vector fields and stellarator coils.

SIAM Journal on Mathematical Analysis, 55(5):4880–4911, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458661`.

Grasselli:2023:PFM

[GSS23] Maurizio Grasselli, Luca Scarpa, and Andrea Signori. On a phase field model for RNA-Protein dynamics. *SIAM Journal on Mathematical Analysis*, 55(1): 405–457, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1483086`.

Giunti:2021:ESM

[GV21] Arianna Giunti and Juan J. López Velázquez. Edge states for the magnetic Laplacian in domains with smooth boundary. *SIAM Journal on Mathematical Analysis*, 53(3):3602–3643, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Guo:2021:GSS

[GWX21] Zhengguang Guo, Yun Wang, and Chunjing Xie. Global strong solutions to the inhomogeneous incompressible Navier–Stokes system in the exterior of a cylinder. *SIAM Journal on Mathematical Analysis*, 53 (6):6804–6821, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gong:2021:PRS

[GWZ21] Huajun Gong, Changyou Wang, and Xiaotao Zhang. Partial regularity of suitable weak solutions of the Navier–Stokes–Planck–Nernst–Poisson equation. *SIAM Journal on Mathematical Analysis*, 53(3):3306–3337, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Geng:2020:OIP

[GZ20a] Jun Geng and Jinping Zhuge. Oscillatory integrals and periodic homogenization of Robin boundary value problems. *SIAM Journal on Mathematical Analysis*, 52(1):104–134, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gladkov:2020:ESM

[GZ20b] Nikita A. Gladkov and Alexander P. Zimin. An explicit solution for a multimarginal mass transportation problem. *SIAM Journal on Mathematical Analysis*, 52(4):3666–3696, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Gui:2022:SLG

[GZ22] Guilong Gui and Ping Zhang. Semiclassical limit of Gross–Pitaevskii equation with Dirichlet boundary condition. *SIAM Journal on Mathematical Analysis*, 54(1):1053–1104, ???? 2022. CODEN SJMAAH. ISSN

0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1369749`.

Gong:2021:GSS

[GZW21] Weihua Gong, Fujun Zhou, and Weijun Wu. Global strong solution and incompressible Navier–Stokes–Fourier–Poisson limit of the Vlasov–Poisson–Boltzmann system. *SIAM Journal on Mathematical Analysis*, 53(6): 6424–6470, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Guo:2022:TWP

[GZZ22] Haimo Guo, Meirong Zhang, and Yi Zhu. ThreeFold Weyl points for the Schrödinger operator with periodic potentials. *SIAM Journal on Mathematical Analysis*, 54(3):3654–3695, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1410464`.

Halla:2022:TED

[Hal22] Martin Halla. On the treatment of exterior domains for the time-harmonic equations of stellar oscillations. *SIAM Journal on Mathematical Analysis*, 54(5): 5268–5290, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1418812`.

Halla:2023:ESM

[Hal23] Martin Halla. On the existence and stability of modified Maxwell Steklov eigenvalues. *SIAM Journal on Mathematical Analysis*, 55(5):5445–5463, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1509266`.

Han:2020:SPV

[Han20] Weimin Han. Singular perturbations of variational-hemivariational inequalities. *SIAM Journal on Mathematical Analysis*, 52(2): 1549–1566, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Harutyunyan:2020:SKI

[Har20] Davit Harutyunyan. The sharp L^p Korn interpolation and second inequalities in thin domains. *SIAM Journal on Mathematical Analysis*, 52(6):5775–5791, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Harrach:2023:CPF

[Har23] Bastian Harrach. The Calderón problem with finitely many unknowns is equivalent to convex semidefinite optimization. *SIAM Journal on Mathematical Analysis*, 55(5):5666–5684, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/23M1544854.

Hu:2021:SSS

[HC21] Yanbo Hu and Jianjun Chen. Sonic-supersonic solutions to a mixed-type boundary value problem for the two-dimensional full Euler equations. *SIAM Journal on Mathematical Analysis*, 53(2):1579–1629, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Haas:2020:MEN

[HdRS20] Tobias Haas, Björn de Rijk, and Guido Schneider. Modulation equations near the Eckhaus boundary: The KdV equation. *SIAM Journal on Mathematical Analysis*, 52(6):5389–5421, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

He:2023:EDB

[He23] Siming He. Enhanced dissipation and blow-up suppression in a chemotaxis-fluid system. *SIAM Journal on Mathematical Analysis*, 55(4):2615–2643, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1517159.

Hamster:2020:STW

[HH20] C. H. S. Hamster and H. J. Hupkes. Stability of traveling waves for systems of reaction-diffusion equations with multiplicative noise. *SIAM Journal on Mathematical Analysis*, 52 (2):1386–1426, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Halla:2021:WPD

[HH21] Martin Halla and Thorsten Hohage. On the well-posedness of the damped time-harmonic Galbrun equation and the equations of stellar oscillations. *SIAM Journal on Mathematical Analysis*, 53(4):4068–4095, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hamamuki:2023:DAL

[HH23] Nao Hamamuki and Kazuya Hirose. A dynamical approach to lower gradient estimates for viscosity solutions of Hamilton–Jacobi equations. *SIAM Journal on Mathematical Analysis*, 55(4):3169–3204, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1480483.

Hieber:2023:GSW

[HHS23] Matthias Hieber, Amru Hussein, and Martin Saal. Global strong well-posedness of the stochastic bidomain equations with FitzHugh–Nagumo transport. *SIAM Journal on Mathematical Analysis*, 55(4):4140–4161, ???? 2023. CODEN SJMAAH. ISSN 0036-1410

(print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1478008.

Hittmeir:2011:CDP

[HJ11] Sabine Hittmeir and Ansgar Jüngel. Cross diffusion preventing blow-up in the two-dimensional Keller–Segel model. *SIAM Journal on Mathematical Analysis*, 43(2): 997–1022, ???? 2011. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL http://epubs.siam.org/sima/resource/1/sjmaah/v43/i2/p997_s1. See corrigendum [BCJ20].

Ha:2020:LSA

[HJJ20] Seung-Yeal Ha, Shi Jin, and Jinwook Jung. Local sensitivity analysis for the Kuramoto–Daido model with random inputs in a large coupling regime. *SIAM Journal on Mathematical Analysis*, 52(2):2000–2040, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Huang:2021:SDG

[HJLZ21] Jiaxi Huang, Ning Jiang, Yi-Long Luo, and Lifeng Zhao. Small data global regularity for the 3-D Ericksen–Leslie hyperbolic liquid crystal model without kinematic transport. *SIAM Journal on Mathematical Analysis*, 53(1):530–573, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Huo:2022:WSU

[HJT22] Xiaokai Huo, Ansgar Jüngel, and Athanasios E. Tzavaras. Weak-strong uniqueness for Maxwell–Stefan systems. *SIAM Journal on Mathematical Analysis*, 54(3):3215–3252, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M145210X.

Hu:2023:GWP

[HK23] Kai Hu and Jie Kuang. Global well-posedness of shock front solutions to one-dimensional piston problem for combustion Euler flows. *SIAM Journal on Mathematical Analysis*, 55(3): 2042–2110, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1493586.

Han:2023:LTB

[HKK23] Sungho Han, Moon-Jin Kang, and Jeongho Kim. Large-time behavior of composite waves of viscous shocks for the barotropic Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(5):5526–5574, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1520712.

Harrach:2020:MBI

[HL20a] Bastian Harrach and Yi-Hsuan Lin. Monotonicity-based inver-

sion of the fractional Schödinger equation II. General potentials and stability. *SIAM Journal on Mathematical Analysis*, 52 (1):402–436, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hu:2020:ISP

[HL20b] Guanghui Hu and Jingzhi Li. Inverse source problems in an inhomogeneous medium with a single far-field pattern. *SIAM Journal on Mathematical Analysis*, 52(5):5213–5231, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hitruhin:2021:LCH

[HL21] Lauri Hitruhin and Sauli Lindberg. Lamination convex hull of stationary incompressible porous media equations. *SIAM Journal on Mathematical Analysis*, 53(1):491–508, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Huang:2022:GWP

[HL22a] Xiangdi Huang and Jing Li. Global well-posedness of classical solutions to the Cauchy problem of two-dimensional barotropic compressible Navier–Stokes system with vacuum and large initial data. *SIAM Journal on Mathematical Analysis*, 54 (3):3192–3214, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1440943`.

Huicheng:2022:FCM

[HL22b] Yin Huicheng and Zhu Lu. Formation and construction of a multidimensional shock wave for the first-order hyperbolic conservation law with smooth initial data. *SIAM Journal on Mathematical Analysis*, 54(2): 2587–2610, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1406581`.

Hao:2023:IVC

[HL23a] Tiantian Hao and Yanlin Liu. The influence of viscous coefficients on the lifespan of 3-D anisotropic Navier–Stokes system. *SIAM Journal on Mathematical Analysis*, 55(3):2186–2210, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1461459`.

Hensel:2023:SIL

[HL23b] Sebastian Hensel and Yuning Liu. The sharp interface limit of a Navier-Stokes/Allen–Cahn system with constant mobility: Convergence rates by a relative energy approach. *SIAM Journal on Mathematical Analysis*, 55(5):4751–4787, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/22M1500587.

Hong:2021:FWT

[HLL21] Wei Hong, Shihu Li, and Wei Liu. Freidlin–Wentzell type large deviation principle for multiscale locally monotone SPDEs. *SIAM Journal on Mathematical Analysis*, 53(6): 6517–6561, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

He:2023:VPB

[HlZ23] Ling-Bing He, Yuanjie Lei, and Yu long Zhou. From the Vlasov–Poisson–Boltzmann system to the Vlasov–Poisson–Landau system with Coulomb potential. *SIAM Journal on Mathematical Analysis*, 55(2): 701–772, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1515963.

Hilhorst:2020:GIS

[HMNW20] Danielle Hilhorst, Hiroshi Matano, Thanh Nam Nguyen, and Hendrik Weber. Generation of interface for solutions of the mass conserved Allen–Cahn equation. *SIAM Journal on Mathematical Analysis*, 52(3):2624–2654, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hening:2023:RSE

[HNNW23] Alexandru Hening, Dang H. Nguyen, Nhu Nguyen, and Harrison Watts. Random switching in an ecosystem with two prey and one predator. *SIAM Journal on Mathematical Analysis*, 55(1):347–366, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1459836.

Hartmann:2020:CGN

[HNS20] Carsten Hartmann, Lara Neureither, and Upanshu Sharma. Coarse graining of nonreversible stochastic differential equations: Quantitative results and connections to averaging. *SIAM Journal on Mathematical Analysis*, 52(3):2689–2733, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hogancamp:2021:BGF

[Hog21] Thomas Hogancamp. Broadening global families of anti-plane shear equilibria. *SIAM Journal on Mathematical Analysis*, 53 (5):5853–5879, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Holle:2022:EDJ

[Hol22] Yannick Holle. Entropy dissipation at the junction for macroscopic traffic flow models. *SIAM Journal on Math-*

ematical Analysis, 54(1):954–985, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1423920`.

Hoang:2020:SSN

[HR20] Vu Hoang and Maria Radosz. Singular solutions for nonlocal systems of evolution equations with vorticity stretching. *SIAM Journal on Mathematical Analysis*, 52(2):2158–2178, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hsu:2021:ROE

[HR21] Ting-Hao Hsu and Shigui Ruan. Relaxation oscillations and the entry-exit function in multidimensional slow-fast systems. *SIAM Journal on Mathematical Analysis*, 53(4):3717–3758, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hu:2023:GEV

[HR23] Yuxi Hu and Reinhard Racke. Global existence versus blowup for multidimensional hyperbolized compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55 (5):4788–4815, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1497468`.

Hwang:2022:RBM

[HRY22] Byung-Hoon Hwang, Tommaso Ruggeri, and Seok-Bae Yun. On a relativistic BGK model for polyatomic gases near equilibrium. *SIAM Journal on Mathematical Analysis*, 54(3):2906–2947, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1404946`.

Hosseinkhan:2023:SDB

[HS23] Alireza Hosseinkhan and Ralph E. Showalter. Semilinear degenerate Biot–Signorini system. *SIAM Journal on Mathematical Analysis*, 55(5):5643–5665, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1505335`.

Hsiao:2020:TDB

[HSV20] George C. Hsiao and Tonatiuh Sánchez-Vizuet. Time-domain boundary integral methods in linear thermoelasticity. *SIAM Journal on Mathematical Analysis*, 52(3):2463–2490, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hsiao:2021:BIF

[HSV21] George C. Hsiao and Tonatiuh Sánchez-Vizuet. Boundary integral formulations for transient linear thermoelasticity with combined-type boundary

conditions. *SIAM Journal on Mathematical Analysis*, 53(4): 3888–3911, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ha:2020:DLP

[HSZ20] Seung-Yeal Ha, Woojoo Shim, and Yinglong Zhang. A diffusion limit for the parabolic Kuramoto–Sakaguchi equation with inertia. *SIAM Journal on Mathematical Analysis*, 52 (2):1591–1638, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hraivoronska:2023:DLR

[HT23] Anastasiia Hraivoronska and Oliver Tse. Diffusive limit of random walks on tessellations via generalized gradient flows. *SIAM Journal on Mathematical Analysis*, 55(4):2948–2995, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1478306`.

Han:2021:SWW

[HTY21] Fangyu Han, Zhong Tan, and Ganshan Yang. Stability of the Walker wall in two dimensions. *SIAM Journal on Mathematical Analysis*, 53(6):7024–7061, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hu:2022:SSP

[Hu22] Yanbo Hu. On a supersonic-sonic patch in the three-dimensional steady axisymmetric transonic flows. *SIAM Journal on Mathematical Analysis*, 54(2):1515–1542, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1393108`.

Hassainia:2022:MVP

[HW22a] Zineb Hassainia and Miles H. Wheeler. Multipole vortex patch equilibria for active scalar equations. *SIAM Journal on Mathematical Analysis*, 54(6): 6054–6095, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1415339`.

Henderson:2022:LWP

[HW22b] Christopher Henderson and Weinan Wang. Local well-posedness for the Boltzmann equation with very soft potential and polynomially decaying initial data. *SIAM Journal on Mathematical Analysis*, 54(3): 2845–2875, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1427504`.

Huang:2022:BLS

[HW22c] Feimin Huang and Yong Wang. Boundary layer solution of the Boltzmann equation for diffu-

sive reflection boundary conditions in half-space. *SIAM Journal on Mathematical Analysis*, 54(3):3480–3534, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M142945X`.

Huang:2022:PDT

[HWZ22] Mingdi Huang, Shi-Liang Wu, and Xiao-Qiang Zhao. Propagation dynamics for time-periodic and partially degenerate reaction-diffusion systems. *SIAM Journal on Mathematical Analysis*, 54(2):1860–1897, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1397234`.

He:2022:LSA

[HXH22] Wenhua He, Ruixiang Xing, and Bei Hu. Linear stability analysis for a free boundary problem modeling multilayer tumor growth with time delay. *SIAM Journal on Mathematical Analysis*, 54(4):4238–4276, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1437494`.

Hwang:2021:SSA

[HY21] Byung-Hoon Hwang and Seok-Bae Yun. Stationary solutions to the Anderson–Witting model of the relativistic Boltzmann equation in a bounded interval. *SIAM Journal on Mathematical Analysis*, 53(1):730–753, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Hsieh:2022:ESP

[HY22a] Chia-Yu Hsieh and Yong Yu. Existence of solutions to the Poisson–Nernst–Planck system with singular permanent charges in $\mathbf{R}^2$. *SIAM Journal on Mathematical Analysis*, 54(1):1223–1240, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1399841`.

Huang:2022:CGC

[HY22b] Feimin Huang and Yue Yao. Continued gravitational collapse for gaseous star and pressureless Euler–Poisson system. *SIAM Journal on Mathematical Analysis*, 54(3):3139–3160, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1450902`.

Holmer:2022:BOS

[HZ22a] Justin Holmer and Katherine Zhiyuan Zhang. Benjamin–Ono soliton dynamics in a slowly varying potential revisited. *SIAM Journal on Mathematical Analysis*, 54(2):2634–2690, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/21M1425177.

Huang:2022:HOA

[HZ22b] Lin Huang and Lun Zhang. Higher order Airy and Painlevé asymptotics for the mKdV hierarchy. *SIAM Journal on Mathematical Analysis*, 54(5):5291–5334, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1448008.

Ishii:2022:NNP

[IK22] Hitoshi Ishii and Taiga Kumagai. Nonlinear Neumann problems for fully nonlinear elliptic PDEs on a quadrant. *SIAM Journal on Mathematical Analysis*, 54(6):5854–5887, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1444199.

Ignat:2020:GUE

[IKL20] Radu Ignat, Matthias Kurzke, and Xavier Lamy. Global uniform estimate for the modulus of two-dimensional Ginzburg–Landau vortexless solutions with asymptotically infinite boundary energy. *SIAM Journal on Mathematical Analysis*, 52(1):524–542, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Iglesias:2021:CLS

[IM21a] José A. Iglesias and Gwenael Mercier. Convergence of level sets in total variation denoising through variational curvatures in unbounded domains. *SIAM Journal on Mathematical Analysis*, 53(2):1509–1545, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ilmavirta:2021:XRT

[IM21b] Joonas Ilmavirta and Keijo Mönkkönen. X-ray tomography of one-forms with partial data. *SIAM Journal on Mathematical Analysis*, 53(3):3002–3015, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ishige:2020:BFO

[IMO20] Kazuhiro Ishige, Nobuhito Miyake, and Shinya Okabe. Blowup for a fourth-order parabolic equation with gradient nonlinearity. *SIAM Journal on Mathematical Analysis*, 52(1):927–953, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Imbert:2020:GLB

[IMS20] Cyril Imbert, Clément Mouhot, and Luis Silvestre. Gaussian lower bounds for the Boltzmann equation without cutoff. *SIAM Journal on Mathematical Analysis*, 52(3):2930–2944, ???? 2020. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Isaacson:2022:MFL

[IMS22] Samuel A. Isaacson, Jingwei Ma, and Konstantinos Spiliopoulos. Mean field limits of particle-based stochastic reaction-diffusion models. *SIAM Journal on Mathematical Analysis*, 54(1):453–511, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1365600`.

Iwaniec:2021:NMP

[IOPR21] Tadeusz Iwaniec, Jani Onninen, Pekka Pankka, and Teresa Radice. A neohookean model of plates. *SIAM Journal on Mathematical Analysis*, 53(1): 509–529, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ifrim:2022:NPC

[IPTT22] Mihaela Ifrim, Ben Pineau, Daniel Tataru, and Mitchell Taylor. No pure capillary solitary waves exist in 2D finite depth. *SIAM Journal on Mathematical Analysis*, 54(4):4452–4464, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1414723`.

Ignatova:2021:GSN

[IS21] Mihaela Ignatova and Jingyang Shu. Global solutions of the Nernst–Planck–Euler equations. *SIAM Journal on Mathematical Analysis*, 53(5):5507–5547, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Iyer:2022:BHT

[IV22] Gautam Iyer and Truong-Son Van. Bounds on the heat transfer rate via passive advection. *SIAM Journal on Mathematical Analysis*, 54(2):1927–1965, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1394497`.

Imanuvilov:2020:CEL

[IY20] Oleg Yu. Imanuvilov and Masahiro Yamamoto. Carleman estimate for linear viscoelasticity equations and an inverse source problem. *SIAM Journal on Mathematical Analysis*, 52(1):718–791, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jia:2020:LID

[Jia20a] Hao Jia. Linear inviscid damping near monotone shear flows. *SIAM Journal on Mathematical Analysis*, 52(1):623–652, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jiang:2020:SRE

[Jia20b] Jin-Cheng Jiang. Sharp regularizing estimates for the gain term of the Boltzmann collision operator. *SIAM Journal on Mathematical Analysis*, 52 (4):4068–4100, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jing:2020:UHA

[Jin20] Wenjia Jing. A unified homogenization approach for the Dirichlet problem in perforated domains. *SIAM Journal on Mathematical Analysis*, 52(2): 1192–1220, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jiang:2021:NDL

[JJL21] Song Jiang, Qiangchang Ju, and Yongkai Liao. Nonequilibrium-diffusion limit of the compressible Euler–P1 approximation radiation model at low Mach number. *SIAM Journal on Mathematical Analysis*, 53(2):2491–2522, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jiang:2022:GST

[JJZ22] Fei Jiang, Song Jiang, and Youyi Zhao. Global solutions of the three-dimensional incompressible ideal MHD equations with velocity damping in horizontally periodic domains. *SIAM Journal on Mathematical Analysis*, 54(4):4891–4929, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1437974`.

Jin:2022:DKT

[JK22] Jiaxin Jin and Chanwoo Kim. Damping of kinetic transport equation with diffuse boundary condition. *SIAM Journal on Mathematical Analysis*, 54(5): 5524–5550, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1455358`.

Jin:2021:RST

[JKZ21] Bangti Jin, Yavar Kian, and Zhi Zhou. Reconstruction of a space-time-dependent source in subdiffusion models via a perturbation approach. *SIAM Journal on Mathematical Analysis*, 53(4):4445–4473, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jung:2021:SEL

[JL21] Younghoon Jung and Mikyoung Lim. Series expansions of the layer potential operators using the Faber polynomials and their applications to the transmission problem. *SIAM Journal on Mathematical Analysis*, 53(2): 1630–1669, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jiao:2023:DNN

[JLL+23] Yuling Jiao, Yanming Lai, Xiliang Lu, Fengru Wang, Jerry Zhijian Yang, and Yuanyuan Yang. Deep neural networks with ReLU-sine-exponential activations break curse of dimensionality in approximation on Hölder class. *SIAM Journal on Mathematical Analysis*, 55(4): 3635–3649, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M144431X`.

Jansen:2023:LTB

[JLN23] Jonas Jansen, Christina Lienstromberg, and Katerina Nik. Long-time behavior and stability for quasilinear doubly degenerate parabolic equations of higher order. *SIAM Journal on Mathematical Analysis*, 55(2): 674–700, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1491137`.

Ji:2023:ODR

[JM23] Shanming Ji and Ming Mei. Optimal decay rates of the compressible Euler equations with time-dependent damping in $\mathbf{R}^n$: (II) overdamping case. *SIAM Journal on Mathematical Analysis*, 55(2):1048–1099, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M144476X`.

Jimenez:2023:DSH

[JMQ23] Chloé Jimenez, Antonio Marigonda, and Marc Quincampoix. Dynamical systems and Hamilton–Jacobi–Bellman equations on the Wasserstein space and their L^2 representations. *SIAM Journal on Mathematical Analysis*, 55(5):5919–5966, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1503877`.

Johnson:2020:MIV

[JP20] Mathew A. Johnson and Wesley R. Perkins. Modulational instability of viscous fluid conduit periodic waves. *SIAM Journal on Mathematical Analysis*, 52 (1):277–305, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ji:2021:CPP

[JQSY21] Min Ji, Weiwei Qi, Zhongwei Shen, and Yingfei Yi. Convergence to periodic probability solutions in Fokker–Planck equations. *SIAM Journal on Mathematical Analysis*, 53(2): 1958–1992, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jenssen:2020:ODS

[JR20] Helge Kristian Jenssen and Johanna Ridder. One-dimensional scalar conservation laws with regulated data. *SIAM Journal*

on Mathematical Analysis, 52 (3):3114–3130, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Josien:2021:QHC

[JR21] Marc Josien and Claudia Raithel. Quantitative homogenization for the case of an interface between two heterogeneous media. *SIAM Journal on Mathematical Analysis*, 53 (1):813–854, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jang:2023:ERS

[JSW23] Juhi Jang, Walter A. Strauss, and Yilun Wu. Existence of rotating stars with variable entropy. *SIAM Journal on Mathematical Analysis*, 55(4):2704–2739, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1498516`.

Juillet:2020:SMT

[Jui20] Nicolas Juillet. On a solution to the Monge transport problem on the real line arising from the strictly concave case. *SIAM Journal on Mathematical Analysis*, 52(5):4783–4805, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Jin:2023:GSS

[JWW23] Hai-Yang Jin, Zhi-An Wang, and Leyun Wu. Global solvability and stability of an alarm-taxis system. *SIAM Journal on Mathematical Analysis*, 55(4): 2838–2876, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1477143`.

Ji:2022:GWP

[JWX22] Ruihong Ji, Jiahong Wu, and Xiaojing Xu. Global well-posedness of the 2D MHD equations of damped wave type in Sobolev space. *SIAM Journal on Mathematical Analysis*, 54(6):6018–6053, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1465342`.

Ji:2022:ASS

[JZZ22] Shanming Ji, Minyi Zhang, and Changjiang Zhu. Asymptotic stability of solutions to a hyperbolic-elliptic coupled system of radiating gas on the half line. *SIAM Journal on Mathematical Analysis*, 54(3):3884–3929, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1459848`.

Katsevich:2020:RAI

[Kat20] Alexander Katsevich. Resolution analysis of inverting

the generalized Radon transform from discrete data in $\mathbf{R}^3$. *SIAM Journal on Mathematical Analysis*, 52(4):3990–4021, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Katsevich:2023:NRA

[Kat23] Alexander Katsevich. Novel resolution analysis for the Radon transform in R2 for functions with rough edges. *SIAM Journal on Mathematical Analysis*, 55(5):4255–4296, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1502252`.

Kang:2021:QPC

[KbP21] Kyungkeun Kang and Xing bin Pan. On a quasilinear parabolic curl system motivated by time evolution of Meissner states of superconductors. *SIAM Journal on Mathematical Analysis*, 53 (6):6471–6516, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kilque:2022:WNM

[Kil22] Corentin Kilque. Weakly nonlinear multiphase geometric optics for hyperbolic quasilinear boundary value problems: Construction of a leading profile. *SIAM Journal on Mathematical Analysis*, 54(2):2413–2507, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1413596`.

Kim:2021:HAL

[Kim21] Soojung Kim. Hydrodynamics of anisotropic liquid crystals in an applied magnetic field. *SIAM Journal on Mathematical Analysis*, 53(3):3123–3157, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Karch:2020:FNN

[KKK20] Grzegorz Karch, Moritz Kassmann, and Miłosz Krupski. A framework for nonlocal, nonlinear initial value problems. *SIAM Journal on Mathematical Analysis*, 52(3):2383–2410, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kracmar:2022:WSB

[KKNN22] Stanislav Kracmar, Young-Sam Kwon, Sárka Necasová, and Antonín Novotný. Weak solutions for a bifluid model for a mixture of two compressible noninteracting fluids with general boundary data. *SIAM Journal on Mathematical Analysis*, 54(1): 818–871, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1419246`.

Kagaya:2021:SNB

[KL21] Takashi Kagaya and Qing Liu. Singular Neumann boundary

problems for a class of fully nonlinear parabolic equations in one dimension. *SIAM Journal on Mathematical Analysis*, 53 (4):4350–4385, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kupferman:2022:SVC

[KL22] Raz Kupferman and Roee Leder. On Saint-Venant compatibility and stress potentials in manifolds with boundary and constant sectional curvature. *SIAM Journal on Mathematical Analysis*, 54(4):4625–4657, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1466736`.

Kim:2023:TGN

[KL23] Inwon Kim and Jona Lelmi. Tumor growth with nutrients: Stability of the tumor patches. *SIAM Journal on Mathematical Analysis*, 55(5): 5862–5892, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1542222`.

Kavallaris:2023:DDB

[KLS23] Nikos I. Kavallaris, Evangelos Latos, and Takashi Suzuki. Diffusion-driven blow-up for a nonlocal Fisher–KPP type model. *SIAM Journal on Mathematical Analysis*, 55(3):2411–2433, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M145519X`.

Kostianko:2022:IMS

[KLSZ22] Anna Kostianko, Xinhua Li, Chunyou Sun, and Sergey Zelik. Inertial manifolds via spatial averaging revisited. *SIAM Journal on Mathematical Analysis*, 54(1):268–305, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1375437`.

Korobkov:2022:EHI

[KLW22a] Mikhail Korobkov, Wenqi Lyu, and Shangkun Weng. On the existence of helical invariant solutions to steady Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 54(3): 3974–3996, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1343324`.

Kow:2022:CPF

[KLW22b] Pu-Zhao Kow, Yi-Hsuan Lin, and Jenn-Nan Wang. The Calderón problem for the fractional wave equation: Uniqueness and optimal stability. *SIAM Journal on Mathematical Analysis*, 54(3):3379–3419, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/21M1444941.

Kawamoto:2020:LSI

[KM20] Atsushi Kawamoto and Manabu Machida. Lipschitz stability in inverse source and inverse coefficient problems for a first- and half-order time-fractional diffusion equation. *SIAM Journal on Mathematical Analysis*, 52 (1):967–1005, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kim:2023:ILP

[KM23] Inwon Kim and Antoine Mellet. Incompressible limit of a porous media equation with bistable and monostable reaction term. *SIAM Journal on Mathematical Analysis*, 55(5): 5318–5344, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1517147.

Killip:2021:SCQ

[KMV21] Rowan Killip, Jason Murphy, and Monica Visan. Scattering for the cubic-quintic NLS: Crossing the virial threshold. *SIAM Journal on Mathematical Analysis*, 53(5):5803–5812, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kamenskii:2020:CPP

[KMW20] Mikhail Kamenskii, Oleg Makarenkov, and Lakmi N. Wadippuli. A continuation principle for periodic BV-Continuous state-dependent sweeping processes. *SIAM Journal on Mathematical Analysis*, 52(6):5598–5626, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kaneko:2020:APS

[KMY20] Yuki Kaneko, Hiroshi Matsuzawa, and Yoshio Yamada. Asymptotic profiles of solutions and propagating terrace for a free boundary problem of nonlinear diffusion equation with positive bistable nonlinearity. *SIAM Journal on Mathematical Analysis*, 52(1):65–103, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kaltenbacher:2022:PAQ

[KN22] Barbara Kaltenbacher and Vanja Nikolić. Parabolic approximation of quasilinear wave equations with applications in nonlinear acoustics. *SIAM Journal on Mathematical Analysis*, 54(2):1593–1622, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/20M1380430.

Kehoe:2023:JGF

[KN23] Matthew Kehoe and David P. Nicholls. Joint geometry/ frequency analyticity of fields scattered by periodic layered media. *SIAM Journal on Math-*

ematical Analysis, 55(3):1737–1765, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1477568`.

Khoshnevisan:2021:SSE

[KNP21] Davar Khoshnevisan, David Nualart, and Fei Pu. Spatial stationarity, ergodicity, and CLT for parabolic Anderson model with delta initial condition in dimension $d \geq 1$. *SIAM Journal on Mathematical Analysis*, 53 (2):2084–2133, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kofroth:2023:ILE

[Kof23] Collin Kofroth. Integrated local energy decay for the damped wave equation on stationary space-times. *SIAM Journal on Mathematical Analysis*, 55(5): 5086–5126, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1490545`.

Korolev:2022:TLN

[Kor22] Yury Korolev. Two-layer neural networks with values in a Banach space. *SIAM Journal on Mathematical Analysis*, 54(6): 6358–6389, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458144`.

Kreutz:2021:MVV

[KP21] Leonard C. Kreutz and Paolo Piovano. Microscopic validation of a variational model of epitaxially strained crystalline films. *SIAM Journal on Mathematical Analysis*, 53(1):453–490, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kapitula:2020:RKM

[KPS20] Todd Kapitula, Ross Parker, and Björn Sandstede. A reformulated Krein matrix for star-even polynomial operators with applications. *SIAM Journal on Mathematical Analysis*, 52(5): 4705–4750, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Korner:2021:SLS

[KR21] Jacob Körner and Gerhard Rein. Strong Lagrangian solutions of the (relativistic) Vlasov–Poisson system for Non-Smooth, spherically symmetric data. *SIAM Journal on Mathematical Analysis*, 53(4): 4985–4996, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kaltenbach:2023:ESS

[KR23] Alex Kaltenbach and Michael Ruzicka. Existence of steady solutions for a general model for micropolar electrorheological fluid flows. *SIAM Journal on*

Mathematical Analysis, 55(3): 2238–2260, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1500599`.

Kress:2021:DBC

[Kre21] Rainer Kress. The DB boundary condition in electromagnetic scattering revisited. *SIAM Journal on Mathematical Analysis*, 53(3):3661–3680, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Krishnan:2021:SFD

[KRS21] Venkateswaran P. Krishnan, Rakesh Rakesh, and Soumen Senapati. Stability for a formally determined inverse problem for a hyperbolic PDE with space and time dependent coefficients. *SIAM Journal on Mathematical Analysis*, 53(6): 6822–6846, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kurt:2021:FTB

[KS21] Halil Ibrahim Kurt and Wenxian Shen. Finite-time blowup prevention by logistic source in parabolic–elliptic chemotaxis models with singular sensitivity in any dimensional setting. *SIAM Journal on Mathematical Analysis*, 53(1):973–1003, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Klein:2023:LBR

[KSS23] Christian Klein, Johannes Sjöstrand, and Nikola Stoilov. Large $|k|$ behavior for the reflection coefficient for Davey–Stewartson II equations. *SIAM Journal on Mathematical Analysis*, 55(5):4912–4937, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1487916`.

Kian:2023:LSR

[KST23] Yavar Kian, Éric Soccorsi, and Faouzi Triki. Logarithmic stable recovery of the source and the initial state of time fractional diffusion equations. *SIAM Journal on Mathematical Analysis*, 55(4):3888–3902, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1504743`.

Kim:2020:EUR

[KT20] Hyunseok Kim and Tai-Peng Tsai. Existence, uniqueness, and regularity results for elliptic equations with drift terms in critical weak spaces. *SIAM Journal on Mathematical Analysis*, 52(2):1146–1191, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kappeler:2022:ALT

[KT22a] T. Kappeler and P. Topalov. Arnold–Liouville theorem for

integrable PDEs: a case study of the focusing NLS equation. *SIAM Journal on Mathematical Analysis*, 54(4):4334–4378, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443169`.

Kiselev:2022:GRN

[KT22b] Alexander Kiselev and Changhui Tan. Global regularity for a nonlocal PDE describing evolution of polynomial roots under differentiation. *SIAM Journal on Mathematical Analysis*, 54 (3):3161–3191, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1422859`.

Kim:2020:SCS

[KTT20] Yeoneung Kim, Hung V. Tran, and Son N. Tu. State-constraint static Hamilton–Jacobi equations in nested domains. *SIAM Journal on Mathematical Analysis*, 52(5):4161–4184, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kow:2021:OIS

[KUW21] Pu-Zhao Kow, Gunther Uhlmann, and Jenn-Nan Wang. Optimality of increasing stability for an inverse boundary value problem. *SIAM Journal on Mathematical Analysis*, 53(6): 7062–7080, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Krupa:2020:SUP

[KV20] Sam G. Krupa and Alexis F. Vasseur. Stability and uniqueness for piecewise smooth solutions to a nonlocal scalar conservation law with applications to Burgers–Hilbert equation. *SIAM Journal on Mathematical Analysis*, 52(3):2491–2530, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Koumatos:2021:QGI

[KV21] Konstantinos Koumatos and Andreas P. Vikelis. $\mathcal{A}$-quasiconvexity, Gårding inequalities, and applications in PDE constrained problems in dynamics and statics. *SIAM Journal on Mathematical Analysis*, 53(4):4178–4211, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Koralov:2022:GLT

[KV22] L. Koralov and B. Vainberg. Global limit theorem for parabolic equations with a potential. *SIAM Journal on Mathematical Analysis*, 54(2):2097–2113, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1429370`.

Kimura:2021:QEC

[KvM21] Masato Kimura and Patrick van Meurs. Quantitative estimate of the continuum approximations of interacting particle systems in one dimension. *SIAM Journal on Mathematical Analysis*, 53(1):681–709, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kong:2023:ESL

[KW23] Fanze Kong and Juncheng Wei. Existence and stability of localized patterns in the population models with large advection and strong Allee effect. *SIAM Journal on Mathematical Analysis*, 55(4):2505–2552, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M148625X`.

Kweon:2023:CDR

[Kwe23] Jae Ryong Kweon. Cavity dynamics and regularity for compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(5):4599–4639, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M152270X`.

Kenig:2021:PSE

[KZ21a] Carlos Kenig and Jiuyi Zhu. Propagation of smallness in elliptic periodic homogenization. *SIAM Journal on Mathematical Analysis*, 53(1):111–132, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Kreisbeck:2021:LDI

[KZ21b] Carolin Kreisbeck and Elvira Zappale. Loss of double-integral character during relaxation. *SIAM Journal on Mathematical Analysis*, 53(1): 351–385, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lafleche:2020:FFP

[Laf20] Laurent Lafleche. Fractional Fokker–Planck equation with general confinement force. *SIAM Journal on Mathematical Analysis*, 52(1):164–196, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lai:2020:GNR

[Lai20] Geng Lai. Global NonIsentropic rotational supersonic flows in a semi-infinite divergent duct. *SIAM Journal on Mathematical Analysis*, 52(5):5121–5154, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lear:2023:GEL

[Lea23] Daniel Lear. Global existence and limiting behavior of unidirectional flocks for the fractional Euler alignment system. *SIAM Journal on Math-*

ematical Analysis, 55(4):3731–3754, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1514039`.

Liu:2021:NSL

[LG21] Jinjing Liu and Zhenhua Guo. Nonlinear stability of large amplitude viscous shock waves to the one-dimensional system of viscoelasticity. *SIAM Journal on Mathematical Analysis*, 53 (2):1818–1830, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2020:AEF

[Li20] Haigang Li. Asymptotics for the electric field concentration in the perfect conductivity problem. *SIAM Journal on Mathematical Analysis*, 52(4):3350–3375, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2021:FPI

[Li21] Li Li. A fractional parabolic inverse problem involving a time-dependent magnetic potential. *SIAM Journal on Mathematical Analysis*, 53(1):435–452, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2022:POO

[Li22a] Liangpan Li. On the placement of an obstacle so as to optimize the Dirichlet heat content. *SIAM Journal on Mathematical Analysis*, 54(3):3275–3291, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1433411`.

Li:2022:LAS

[Li22b] Zongguang Li. Large amplitude solutions in $L^p_v L^\infty_T L^\infty_x$ to the Boltzmann equation for soft potentials. *SIAM Journal on Mathematical Analysis*, 54(4): 4163–4197, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443790`.

Liao:2022:LCW

[Lia22] Naian Liao. Local continuity of weak solutions to the Stefan problem involving the singular p-Laplacian. *SIAM Journal on Mathematical Analysis*, 54(2): 2570–2586, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1402443`.

Liu:2023:BLD

[Liu23] Chao Liu. Blowups and long-time developments with near-boundary mass accretions of irregularly shaped Euler–Poisson dominated molecular clouds in astrophysics. *SIAM Journal on Mathematical Analysis*, 55(4): 2553–2594, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/22M1469420.

List:2020:RUU

[LKPR20] Florian List, Kundan Kumar, Iuliu Sorin Pop, and Florin Adrian Radu. Rigorous upscaling of unsaturated flow in fractured porous media. *SIAM Journal on Mathematical Analysis*, 52(1):239–276, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lai:2020:PRG

[LL20] Ru-Yu Lai and Qin Li. Parameter reconstruction for general transport equation. *SIAM Journal on Mathematical Analysis*, 52(3):2734–2758, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2021:GLO

[LL21] Tiejun Li and Xiaoguang Li. Gamma-limit of the Onsager–Machlup functional on the space of curves. *SIAM Journal on Mathematical Analysis*, 53(1):1–31, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2022:DES

[LL22] Jing Li and Kuijie Li. The defocusing energy-supercritical nonlinear Schrödinger equation in high dimensions. *SIAM Journal on Mathematical Analysis*, 54(3):3253–3274, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1456443.

Lim:2020:QPC

[LLN20] Tau Shean Lim, Yulong Lu, and James H. Nolen. Quantitative propagation of chaos in a bimolecular chemical reaction–diffusion model. *SIAM Journal on Mathematical Analysis*, 52(2):2098–2133, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liu:2021:APE

[LLPZ21] Shuang Liu, Yuan Lou, Rui Peng, and Maolin Zhou. Asymptotics of the principal eigenvalue for a linear time-periodic parabolic operator i: Large advection. *SIAM Journal on Mathematical Analysis*, 53(5):5243–5277, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lai:2020:CPS

[LLR20] Ru-Yu Lai, Yi-Hsuan Lin, and Angkana Rüland. The Calderón problem for a space-time fractional parabolic equation. *SIAM Journal on Mathematical Analysis*, 52(3):2655–2688, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lindblad:2020:DAO

[LLS20] Hans Lindblad, Jonas Lührmann, and Avy Soffer. Decay

and asymptotics for the one-dimensional Klein–Gordon equation with variable coefficient cubic nonlinearities. *SIAM Journal on Mathematical Analysis*, 52(6):6379–6411, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lin:2020:RBE

[LLW20] Yu-Chu Lin, Ming-Jiea Lyu, and Kung-Chien Wu. Relativistic Boltzmann equation: Large time behavior and finite speed of propagation. *SIAM Journal on Mathematical Analysis*, 52 (6):5994–6032, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liu:2021:CPC

[LLW21] Sili Liu, Yong Lu, and Huanyao Wen. On the Cauchy problem for a compressible Oldroyd-B model without stress diffusion. *SIAM Journal on Mathematical Analysis*, 53(6):6216–6242, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2022:IES

[LLW22] Jianliang Li, Peijun Li, and Xu Wang. Inverse elastic scattering for a random potential. *SIAM Journal on Mathematical Analysis*, 54(5):5126–5159, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1430200`.

Liu:2021:RGF

[LLX21] Yuning Liu, Xin Yang Lu, and Xiang Xu. Regularity of a gradient flow generated by the anisotropic Landau–de Gennes energy with a singular potential. *SIAM Journal on Mathematical Analysis*, 53(3):3338–3365, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lopez:2020:SCD

[LM20] Robert Lopez and Amir Moradifam. Stability of current density impedance imaging. *SIAM Journal on Mathematical Analysis*, 52(5):4506–4523, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Linares:2021:LTB

[LM21] Felipe Linares and Argenis J. Mendez. On long time behavior of solutions of the Schrödinger–Korteweg–de Vries system. *SIAM Journal on Mathematical Analysis*, 53(4): 3838–3855, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

LePeutrec:2020:RQS

[LN20] Dorian Le Peutrec and Boris Nectoux. Repartition of the quasi-stationary distribution and first exit point density for a double-well potential. *SIAM*

Journal on Mathematical Analysis, 52(1):581–604, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Logioti:2021:PFB

[LNRV21] A. Logioti, B. Niethammer, M. Röger, and J. J. L. Velázquez. A parabolic free boundary problem arising in a model of cell polarization. *SIAM Journal on Mathematical Analysis*, 53(1):1214–1238, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2020:ISW

[LOWX20] Bing Li, Masahito Ohta, Yifei Wu, and Jun Xue. Instability of the solitary waves for the generalized Boussinesq equations. *SIAM Journal on Mathematical Analysis*, 52(4):3192–3221, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Leopold:2020:DMS

[LP20] Nikolai Leopold and Peter Pickl. Derivation of the Maxwell–Schrödinger equations from the Pauli–Fierz Hamiltonian. *SIAM Journal on Mathematical Analysis*, 52(5):4900–4936, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lafortune:2022:SIP

[LP22] Stéphane Lafortune and Dmitry E. Pelinovsky. Spectral instability of peakons in the b-family of the Camassa–Holm equations. *SIAM Journal on Mathematical Analysis*, 54(4):4572–4590, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458776`.

Li:2022:IME

[LPS22] Wei Li, Karl-Mikael Perfekt, and Stephen P. Shipman. Infinitely many embedded eigenvalues for the Neumann–Poincaré operator in 3D. *SIAM Journal on Mathematical Analysis*, 54(1):343–362, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1400365`.

Li:2021:SLT

[LPW21] Hai-Liang Li, Benoít Perthame, and Xinmei Wen. Sharp long-time asymptotics for chemotaxis with free boundary. *SIAM Journal on Mathematical Analysis*, 53(2):2027–2083, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liu:2022:ASD

[LPW22] Qingqing Liu, Hongyun Peng, and Zhi-An Wang. Asymptotic stability of diffusion waves of a quasi-linear hyperbolic-parabolic model for vasculogenesis. *SIAM Journal on Mathematical Analysis*, 54(1):1313–

1346, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1418150`.

Linares:2021:MFE

[LR21] Felipe Linares and João P. G. Ramos. Maximal function estimates and local well-posedness for the generalized Zakharov–Kuznetsov equation. *SIAM Journal on Mathematical Analysis*, 53(1):914–936, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Luo:2020:NLT

[LRW20] Senping Luo, Xiaofeng Ren, and Juncheng Wei. Nonhexagonal lattices from a two species interacting system. *SIAM Journal on Mathematical Analysis*, 52 (2):1903–1942, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lamberti:2020:ICO

[LS20] Pier Domenico Lamberti and Ioannis G. Stratis. On an interior Calderón operator and a related Steklov eigenproblem for Maxwell's equations. *SIAM Journal on Mathematical Analysis*, 52(5):4140–4160, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Laurencot:2021:MTI

[LS21a] Philippe Laurençot and Christian Stinner. Mass threshold for infinite-time blowup in a chemotaxis model with split population. *SIAM Journal on Mathematical Analysis*, 53(3): 3385–3419, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2021:GTW

[LS21b] Yang Li and Yongzhong Sun. On global-in-time weak solutions to a two-dimensional full compressible NonResistive MHD system. *SIAM Journal on Mathematical Analysis*, 53 (4):4142–4177, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lai:2023:SRJ

[LS23a] Geng Lai and Wancheng Sheng. Supersonic reacting jet flows from a three-dimensional divergent conical nozzle. *SIAM Journal on Mathematical Analysis*, 55(5):5260–5317, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1529099`.

Leopold:2023:PML

[LS23b] Nikolai Leopold and Chiara Saffirio. Propagation of moments for large data and semiclassical limit to the relativistic Vlasov

equation. *SIAM Journal on Mathematical Analysis*, 55(3): 1676–1706, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1493616`.

Li:2023:GEO

[LS23c] Hai-Liang Li and Ling-Yun Shou. Global existence and optimal time-decay rates of the compressible Navier–Stokes–Euler system. *SIAM Journal on Mathematical Analysis*, 55(3): 1810–1846, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1497857`.

Liu:2023:CNL

[LSW23] Gi-Ren Liu, Yuan-Chung Sheu, and Hau-Tieng Wu. Central and noncentral limit theorems arising from the scattering transform and its neural activation generalization. *SIAM Journal on Mathematical Analysis*, 55(2):1170–1213, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1454511`.

Lu:2021:DNA

[LSYZ21] Jianfeng Lu, Zuowei Shen, Haizhao Yang, and Shijun Zhang. Deep network approximation for smooth functions. *SIAM Journal on Mathematical Analysis*, 53(5):5465–5506, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lauriere:2022:CLP

[LT22] Mathieu Laurière and Ludovic Tangpi. Convergence of large population games to mean field games with interaction through the controls. *SIAM Journal on Mathematical Analysis*, 54(3): 3535–3574, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469328`.

Lai:2021:RCK

[LUY21] Ru-Yu Lai, Gunther Uhlmann, and Yang Yang. Reconstruction of the collision kernel in the nonlinear Boltzmann equation. *SIAM Journal on Mathematical Analysis*, 53(1):1049–1069, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2020:RJU

[LW20a] Sirui Li and Wei Wang. Rigorous justification of the uniaxial limit from the Qian–Sheng inertial Q-tensor theory to the Ericksen–Leslie theory. *SIAM Journal on Mathematical Analysis*, 52(5):4421–4468, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liu:2020:MTW

[LW20b] Yong Liu and Juncheng Wei. Multivortex traveling waves for

the Gross–Pitaevskii equation and the Adler–Moser polynomials. *SIAM Journal on Mathematical Analysis*, 52(4):3546–3579, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2021:OIT

[LW21] Ze Li and Ming Wang. Observability inequality at two time points for KdV equations. *SIAM Journal on Mathematical Analysis*, 53(2):1944–1957, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liang:2022:GMF

[LW22] Rui Liang and Yuzhao Wang. Gibbs measure for the focusing fractional NLS on the torus. *SIAM Journal on Mathematical Analysis*, 54(6):6096–6118, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1445946`.

Li:2023:GEP

[LW23a] Fucai Li and Yichun Wang. Global Euler–Poisson limit to the Vlasov–Poisson–Boltzmann system with soft potential. *SIAM Journal on Mathematical Analysis*, 55(4):2877–2916, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1474254`.

Luo:2023:WPL

[LW23b] Dejun Luo and Danli Wang. Well posedness and limit theorems for a class of stochastic dyadic models. *SIAM Journal on Mathematical Analysis*, 55(2):1464–1498, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1511497`.

Liu:2022:NES

[LWC22] Yarong Liu, Yejuan Wang, and Tomas Caraballo. Nontrivial equilibrium solutions and general stability for stochastic evolution equations with pantograph delay and tempered fractional noise. *SIAM Journal on Mathematical Analysis*, 54(5):5629–5661, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1496876`.

Lu:2020:DOD

[LWW20] Jianfeng Lu, Alexander B. Watson, and Michael I. Weinstein. Dirac operators and domain walls. *SIAM Journal on Mathematical Analysis*, 52(2):1115–1145, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lai:2021:SPA

[LWZ21a] Suhua Lai, Jiahong Wu, and Jianwen Zhang. Stabilizing phenomenon for 2D anisotropic magnetohydrodynamic system

near a background magnetic field. *SIAM Journal on Mathematical Analysis*, 53(5):6073–6093, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Li:2021:WPF

[LWZ21b] Hui Li, Wei Wang, and Zhifei Zhang. Well-posedness of the free boundary problem in elastodynamics with mixed stability condition. *SIAM Journal on Mathematical Analysis*, 53 (5):5405–5435, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lin:2023:GSI

[LWZ23] Hongxia Lin, Jiahong Wu, and Yi Zhu. Global solutions to 3D incompressible MHD system with dissipation in only one direction. *SIAM Journal on Mathematical Analysis*, 55(5): 4570–4598, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1471274`.

Liu:2022:RJF

[LWZZ22] Jian-Guo Liu, Ziheng Wang, Yuan Zhang, and Zhennan Zhou. Rigorous justification of the Fokker–Planck equations of neural networks based on an iteration perspective. *SIAM Journal on Mathematical Analysis*, 54(1):1270–1312, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1338368`.

Liu:2021:EIL

[LX21] Jian-Guo Liu and Xiangsheng Xu. Existence and incompressible limit of a tissue growth model with autophagy. *SIAM Journal on Mathematical Analysis*, 53(5):5215–5242, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Liu:2023:ESA

[LX23] Yanlin Liu and Li Xu. On the existence and structures of almost axisymmetric solutions to 3-D Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(1):458–485, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469912`.

Li:2023:SBA

[LXZ23] Haigang Li, Longjuan Xu, and Peihao Zhang. Stress blowup analysis when a suspending rigid particle approaches the boundary in Stokes flow: 2-dimensional case. *SIAM Journal on Mathematical Analysis*, 55(5):4493–4536, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1497407`.

Li:2021:WPM

[LY21] Wei-Xi Li and Tong Yang. Well-posedness of the MHD boundary layer system in Gevrey function space without structural assumption. *SIAM Journal on Mathematical Analysis*, 53(3): 3236–3264, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lin:2022:HSP

[LY22] Genghong Lin and Jianshe Yu. Homoclinic solutions of periodic discrete Schrödinger equations with local superquadratic conditions. *SIAM Journal on Mathematical Analysis*, 54(2):1966–2005, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1413201`.

Liu:2023:IBE

[LY23] Xin Liu and Yuan Yuan. Immediate blowup of entropy-bounded classical solutions to the vacuum free boundary problem of nonisentropic compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(3):1524–1544, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1493732`.

Liu:2023:VPE

[LYZ23] Cheng-Jie Liu, Tong Yang, and Zhu Zhang. Validity of Prandtl expansions for steady MHD in the Sobolev framework. *SIAM Journal on Mathematical Analysis*, 55(3):2377–2410, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1507139`.

Li:2020:BBA

[LZ20] Haigang Li and Zhiwen Zhao. Boundary blow-up analysis of gradient estimates for Lamé systems in the presence of m-convex hard inclusions. *SIAM Journal on Mathematical Analysis*, 52(4):3777–3817, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Luo:2021:PEI

[LZ21] Chenyun Luo and Junyan Zhang. A priori estimates for the incompressible free-boundary magnetohydrodynamics equations with surface tension. *SIAM Journal on Mathematical Analysis*, 53(2): 2595–2630, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Lamy:2022:SRS

[LZ22] Xavier Lamy and Andres Zuniga. On the stability of radial solutions to an anisotropic Ginzburg–Landau equation. *SIAM Journal on Mathematical Analysis*, 54(1):723–736, ???? 2022. CODEN SJ-

MAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1433939.

Li:2023:SEC

[LZ23a] Fucai Li and Zhipeng Zhang. Stabilizing effect of capillarity in the Rayleigh–Taylor problem to the viscous incompressible capillary fluids. *SIAM Journal on Mathematical Analysis*, 55(4): 3287–3315, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1456327.

Liard:2023:ANS

[LZ23b] Thibault Liard and Enrique Zuazua. Analysis and numerical solvability of backward–forward conservation laws. *SIAM Journal on Mathematical Analysis*, 55(3):1949–1968, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1478720.

Liao:2021:ODV

[LZZ21] Yongkai Liao, Huijiang Zhao, and Jiawei Zhou. One-dimensional viscous and heat-conducting ionized gas with density-dependent viscosity. *SIAM Journal on Mathematical Analysis*, 53(5):5580–5612, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ma:2022:LSI

[Ma22] Xiao Ma. Linear stability of the 2D irrotational circulation flow around an elliptical cylinder. *SIAM Journal on Mathematical Analysis*, 54(5):5576–5587, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M139671X.

Martin:2022:TDP

[Mar22] Donati Martin. Two-dimensional point vortex dynamics in bounded domains: Global existence for almost every initial data. *SIAM Journal on Mathematical Analysis*, 54(1): 79–113, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1413213.

Minarcik:2020:LTB

[MB20] Jirí Minarcík and Michal Benes. Long-term behavior of curve shortening flow in $\mathbf{R}^3$. *SIAM Journal on Mathematical Analysis*, 52(2):1221–1231, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Meftahi:2021:ULS

[Mef21] Houcine Meftahi. Uniqueness, Lipschitz stability, and reconstruction for the inverse optical tomography problem. *SIAM Journal on Mathematical Analysis*, 53(6):6326–6354,

???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mizoguchi:2020:CIE

[Miz20] Noriko Mizoguchi. Criterion on initial energy for finite-time blowup in parabolic-parabolic Keller–Segel system. *SIAM Journal on Mathematical Analysis*, 52(6):5840–5864, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mariano:2023:CNS

[MM23] Paolo Maria Mariano and Domenico Mucci. Crack nucleation in shells with through-the-thickness microstructure. *SIAM Journal on Mathematical Analysis*, 55(5):4977–4997, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1490004`.

Matano:2023:SFS

[MMN23] Hiroshi Matano, Yoichiro Mori, and Mitsunori Nara. Stability of front solutions of the bidomain Allen–Cahn equation on an infinite strip. *SIAM Journal on Mathematical Analysis*, 55(3): 1545–1595, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1418095`.

Mateu:2023:SEE

[MMR+23] Joan Mateu, Maria Giovanna Mora, Luca Rondi, Lucia Scardia, and Joan Verdera. Stability of ellipsoids as the energy minimizers of perturbed Coulomb energies. *SIAM Journal on Mathematical Analysis*, 55(4): 3650–3676, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1479695`.

Menovschikov:2021:EVT

[MMS21] Alexander Menovschikov, Anastasia Molchanova, and Luca Scarpa. An extended variational theory for nonlinear evolution equations via modular spaces. *SIAM Journal on Mathematical Analysis*, 53(4):4865–4907, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ma:2021:SDW

[MMSH21] To Fu Ma, Jaqueline G. Mesquita, and Paulo N. Seminario-Huertas. Smooth dynamics of weakly damped Lamé systems with delay. *SIAM Journal on Mathematical Analysis*, 53(4): 3759–3771, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Monard:2020:FRS

[Mon20] François Monard. Functional relations, sharp mapping properties, and regularization of the X-

ray transform on disks of constant curvature. *SIAM Journal on Mathematical Analysis*, 52 (6):5675–5702, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Moussa:2020:NCS

[Mou20] Ayman Moussa. From nonlocal to classical Shigesada–Kawasaki–Teramoto systems: Triangular case with bounded coefficients. *SIAM Journal on Mathematical Analysis*, 52(1): 42–64, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Maheux:2020:KSS

[MP20a] Patrick Maheux and Vittoria Pierfelice. The Keller–Segel system on the two-dimensional-hyperbolic space. *SIAM Journal on Mathematical Analysis*, 52 (5):5036–5065, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Migorski:2020:AHD

[MP20b] Stanisław Migórski and Dariusz Paczka. Almost history-dependent variational-hemivariational inequality for frictional contact problems. *SIAM Journal on Mathematical Analysis*, 52(5): 4362–4390, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Madiyeva:2021:GPP

[MP21a] Aigerim Madiyeva and Dmitry E. Pelinovsky. Growth of perturbations to the peaked periodic waves in the Camassa–Holm equation. *SIAM Journal on Mathematical Analysis*, 53 (3):3016–3039, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Montalto:2021:LSE

[MP21b] Riccardo Montalto and Michela Procesi. Linear Schrödinger equation with an almost periodic potential. *SIAM Journal on Mathematical Analysis*, 53 (1):386–434, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Maione:2022:CFD

[MPC22] Alberto Maione, Andrea Pinamonti, and Francesco Serra Cassano. Γ-convergence for functionals depending on vector fields. II. Convergence of minimizers. *SIAM Journal on Mathematical Analysis*, 54(6):5761–5791, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1432466`.

Ma:2023:FAI

[MPMS23] Shiqi Ma, Leyter Potenciano-Machado, and Mikko Salo. Fixed angle inverse scattering for sound speeds close to con-

stant. *SIAM Journal on Mathematical Analysis*, 55(4):3420–3456, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M147640X`.

Munoz:2021:LTB

[MPS21] Claudio Muñoz, Gustavo Ponce, and Jean-Claude Saut. On the long time behavior of solutions to the intermediate long wave equation. *SIAM Journal on Mathematical Analysis*, 53(1): 1029–1048, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mazzoleni:2023:SAO

[MPV23] Dario Mazzoleni, Benedetta Pellacci, and Gianmaria Verzini. Singular analysis of the optimizers of the principal eigenvalue in indefinite weighted Neumann problems. *SIAM Journal on Mathematical Analysis*, 55(4): 4162–4192, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1490600`.

Miao:2022:QSR

[MPZ22] Qianyun Miao, Fa Peng, and Yuan Zhou. A quantitative Sobolev regularity for absolute minimizers involving Hamiltonian $H(p)$ in plane. *SIAM Journal on Mathematical Analysis*, 54(6):5792–5853, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443601`.

Mazari:2022:QSE

[MRB22] Idriss Mazari and Domènec Ruiz-Balet. Quantitative stability for eigenvalues of Schrödinger operator, quantitative bathtub principle, and application to the turnpike property for a bilinear optimal control problem. *SIAM Journal on Mathematical Analysis*, 54(3): 3848–3883, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1393121`.

Maity:2020:MTE

[MRR20] Debayan Maity, Jean-Pierre Raymond, and Arnab Roy. Maximal-in-time existence and uniqueness of strong solution of a 3D fluid-structure interaction model. *SIAM Journal on Mathematical Analysis*, 52(6): 6338–6378, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Marcati:2020:ARI

[MS20a] Carlo Marcati and Christoph Schwab. Analytic regularity for the incompressible Navier–Stokes equations in polygons. *SIAM Journal on Mathematical Analysis*, 52(3):2945–2968, ???? 2020. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Mizumachi:2020:SBL

[MS20b] Tetsu Mizumachi and Yusuke Shimabukuro. Stability of Benney–Luke line solitary waves in 2 dimensions. *SIAM Journal on Mathematical Analysis*, 52 (5):4238–4283, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Morandotti:2020:MFA

[MS20c] Marco Morandotti and Francesco Solombrino. Mean-field analysis of multipopulation dynamics with label switching. *SIAM Journal on Mathematical Analysis*, 52(2):1427–1462, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Murata:2020:GWP

[MS20d] Miho Murata and Yoshihiro Shibata. The global well-posedness for the compressible fluid model of Korteweg type. *SIAM Journal on Mathematical Analysis*, 52(6):6313–6337, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mishra:2021:IRD

[MS21] Rohit Kumar Mishra and Suman Kumar Sahoo. Injectivity and range description of integral moment transforms over m-tensor fields in $\mathbf{R}^n$. *SIAM Journal on Mathematical Analysis*, 53(1):253–278, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mindrila:2022:TPW

[MS22] Claudiu Mîndrila and Sebastian Schwarzacher. Time-periodic weak solutions for an incompressible Newtonian fluid interacting with an elastic plate. *SIAM Journal on Mathematical Analysis*, 54(4): 4139–4162, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458946`.

Monard:2023:SXR

[MS23a] François Monard and Plamen Stefanov. Sampling the X-ray transform on simple surfaces. *SIAM Journal on Mathematical Analysis*, 55(3):1707–1736, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1475272`.

Mukherjee:2023:ACU

[MS23b] Arpan Mukherjee and Mourad Sini. Acoustic cavitation using resonating MicroBubbles: Analysis in the time-domain. *SIAM Journal on Mathematical Analysis*, 55(5):5575–5616, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/22M1533396.

Monobe:2023:SES

[MSY23] Harunori Monobe, Masahiko Shimojo, and Eiji Yanagida. Spreading and extinction of solutions to the logarithmic diffusion equation with a logistic reaction. *SIAM Journal on Mathematical Analysis*, 55(3): 2261–2287, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1492544.

Marion:2023:EPM

[MV23] Martine Marion and Vitaly Volpert. Existence of pulses for monotone reaction–diffusion systems. *SIAM Journal on Mathematical Analysis*, 55(2): 603–627, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1453219.

Ming:2020:WWP

[MW20] Mei Ming and Chao Wang. Water waves problem with surface tension in a corner domain i: a priori estimates with constrained contact angle. *SIAM Journal on Mathematical Analysis*, 52(5):4861–4899, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Mellet:2023:CSN

[MW23] Antoine Mellet and Yijing Wu. Γ-convergence of some nonlocal perimeters in bounded domains with general boundary conditions. *SIAM Journal on Mathematical Analysis*, 55(4): 3226–3261, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1483505.

Ma:2023:LMN

[MWX23] Lei Ma, Tian-Yi Wang, and Chunjing Xie. Low Mach number limit and far field convergence rates of irrotational flows in multidimensional nozzles with an obstacle inside. *SIAM Journal on Mathematical Analysis*, 55(1): 36–67, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1472553.

Nemes:2020:LPA

[ND20] Gergö Nemes and Adri B. Olde Daalhuis. Large-parameter asymptotic expansions for the Legendre and Allied functions. *SIAM Journal on Mathematical Analysis*, 52(1):437–470, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Neiss:2020:SRP

[Nei20] Robert Axel Neiss. Symmetry reduction and periodic solutions

in Hamiltonian Vlasov systems. *SIAM Journal on Mathematical Analysis*, 52(2):1844–1863, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Nemes:2021:PTC

[Nem21] Gergö Nemes. Proofs of two conjectures on the real zeros of the cylinder and Airy functions. *SIAM Journal on Mathematical Analysis*, 53(4):4328–4349, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Nguyen:2020:ILN

[Ngu20] Trinh T. Nguyen. The inviscid limit of Navier–Stokes with critical Navier-slip boundary conditions for analytic data. *SIAM Journal on Mathematical Analysis*, 52(5):4616–4637, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Nguyen:2022:CPP

[Ngu22] Hoai-Minh Nguyen. Cloaking property of a plasmonic structure in doubly complementary media and three-sphere inequalities with partial data. *SIAM Journal on Mathematical Analysis*, 54(2):2040–2096, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1394722`.

Neamtu:2021:RCM

[NK21] Alexandra Neamtu and Christian Kuehn. Rough center manifolds. *SIAM Journal on Mathematical Analysis*, 53(4):3912–3957, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Novack:2020:NWS

[Nov20] Matthew Novack. Nonuniqueness of weak solutions to the 3 dimensional quasi-geostrophic equations. *SIAM Journal on Mathematical Analysis*, 52(4):3301–3349, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Novaga:2020:SOG

[NP20] Matteo Novaga and Paola Pozzi. A second order gradient flow of p-elastic planar networks. *SIAM Journal on Mathematical Analysis*, 52(1):682–708, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Natalini:2023:MFL

[NP23] Roberto Natalini and Thierry Paul. The mean-field limit for hybrid models of collective motions with chemotaxis. *SIAM Journal on Mathematical Analysis*, 55(2):900–928, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1488004`.

Niethammer:2020:LVE

[NS20a] Barbara Niethammer and Richard Schubert. A local version of Einstein's formula for the effective viscosity of suspensions. *SIAM Journal on Mathematical Analysis*, 52(3):2561–2591, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Noakes:2020:LRS

[NS20b] Lyle Noakes and Luchezar Stoyanov. Lens rigidity in scattering by unions of strictly convex bodies in $\mathbf{R}^2$. *SIAM Journal on Mathematical Analysis*, 52(1):471–480, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Negri:2021:EEI

[NS21a] Matteo Negri and Riccardo Scala. Existence, energy identity, and higher time regularity of solutions to a dynamic viscoelastic cohesive interface model. *SIAM Journal on Mathematical Analysis*, 53(5):5682–5730, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Novaes:2021:HOA

[NS21b] Douglas D. Novaes and Francisco B. Silva. Higher order analysis on the existence of periodic solutions in continuous differential equations via degree theory. *SIAM Journal on Mathematical Analysis*, 53 (2):2476–2490, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Oliynyk:2021:FGS

[Oli21] Todd A. Oliynyk. Future global stability for relativistic perfect fluids with linear equations of state $p = K\rho$ where $1/3 < K < 1/2$. *SIAM Journal on Mathematical Analysis*, 53(4): 4118–4141, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Osterbrink:2020:LFA

[OP20] Frank Osterbrink and Dirk Pauly. Low frequency asymptotics and Electro-magnetostatics for time-harmonic Maxwell's equations in exterior weak Lipschitz domains with mixed boundary conditions. *SIAM Journal on Mathematical Analysis*, 52(5):4971–5000, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ou:2021:LML

[Ou21] Yaobin Ou. Low Mach and low Froude number limit for vacuum free boundary problem of all-time classical solutions of one-dimensional compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 53(3):3265–3305, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ou:2022:ILI

[OY22] Yaobin Ou and Lu Yang. Incompressible limit of isentropic Navier–Stokes equations with ill-prepared data in bounded domains. *SIAM Journal on Mathematical Analysis*, 54(3):2948–2989, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1380491`.

Panov:2020:DES

[Pan20] Evgeniy Y. Panov. On decay of entropy solutions to multidimensional conservation laws. *SIAM Journal on Mathematical Analysis*, 52(2):1310–1317, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Pankavich:2021:ELT

[Pan21] Stephen Pankavich. Exact large time behavior of spherically symmetric plasmas. *SIAM Journal on Mathematical Analysis*, 53(4):4474–4512, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Pankavich:2023:SAB

[Pan23] Stephen Pankavich. Scattering and asymptotic behavior of solutions to the Vlasov–Poisson system in high dimension. *SIAM Journal on Mathematical Analysis*, 55(5):4727–4750, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1520013`.

Pecher:2020:LRW

[Pec20] Hartmut Pecher. Low regularity well-posedness for the Yang–Mills system in Fourier–Lebesgue spaces. *SIAM Journal on Mathematical Analysis*, 52 (4):3131–3148, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Peng:2023:CSM

[Pen23] Shaolong Peng. Classification of solutions to mixed order elliptic system with general nonlinearity. *SIAM Journal on Mathematical Analysis*, 55(4):2774–2812, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1510510`.

Perepelitsa:2020:CSH

[Per20] Misha Perepelitsa. Classical solutions of hyperbolic systems of PDEs with kinetic structure. *SIAM Journal on Mathematical Analysis*, 52(2):1864–1883, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Pinaud:2021:ITM

[Pin21] Olivier Pinaud. Instantaneous time mirrors and wave equations with time-singular coefficients. *SIAM Journal on Mathematical Analysis*, 53(4):4401–

4416, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Peng:2023:GQN

[PL23] Yue-Jun Peng and Cunming Liu. Global quasi-neutral limit for a two-fluid Euler–Poisson system in several space dimensions. *SIAM Journal on Mathematical Analysis*, 55(2):1405–1438, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1501465`.

Perasso:2020:ABA

[PR20] Antoine Perasso and Quentin Richard. Asymptotic behavior of age-structured and delayed Lotka–Volterra models. *SIAM Journal on Mathematical Analysis*, 52(5):4284–4313, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Protasov:2020:SDT

[Pro20] Vladimir Yu. Protasov. Surface dimension, tiles, and synchronizing automata. *SIAM Journal on Mathematical Analysis*, 52 (4):3463–3486, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Pierotti:2022:GSN

[PS22] Dario Pierotti and Nicola Soave. Ground states for the NLS equation with combined nonlinearities on noncompact metric graphs. *SIAM Journal on Mathematical Analysis*, 54(1): 768–790, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1377837`.

Pitcho:2023:AEN

[PS23a] Jules Pitcho and Massimo Sorella. Almost everywhere nonuniqueness of integral curves for divergence-free Sobolev vector fields. *SIAM Journal on Mathematical Analysis*, 55(5): 4640–4663, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1487187`.

Pozza:2023:LOF

[PS23b] Marco Pozza and Antonio Siconolfi. Lax-oleinik formula on networks. *SIAM Journal on Mathematical Analysis*, 55(3): 2211–2237, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1448677`.

Pistoia:2023:ESS

[PST23] Angela Pistoia, Alberto Saldaña, and Hugo Tavares. Existence of solutions to a slightly supercritical pure Neumann problem. *SIAM Journal on Mathematical Analysis*, 55(4):3844–3887, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

URL https://epubs.siam.org/doi/10.1137/22M1520360.

Pass:2021:MMO

[PVJ21] Brendan W. Pass and Adolfo Vargas-Jiménez. Multi-marginal optimal transportation problem for cyclic costs. *SIAM Journal on Mathematical Analysis*, 53 (4):4386–4400, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Peng:2021:GBL

[PW21] Rui Peng and Yixiang Wu. Global L^∞-bounds and long-time behavior of a diffusive epidemic system in a heterogeneous environment. *SIAM Journal on Mathematical Analysis*, 53(3):2776–2810, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Pei:2022:GSJ

[PX22] Yu Pei and Wei Xiang. Global subsonic jet with strong transonic shock over a convex cornered wedge for the two-dimensional steady full Euler equations. *SIAM Journal on Mathematical Analysis*, 54(4): 4407–4451, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1405320.

Peng:2023:CPD

[PZ23] Hongyun Peng and Xiaoping Zhai. The Cauchy problem for the N-dimensional compressible Navier–Stokes equations without heat conductivity. *SIAM Journal on Mathematical Analysis*, 55(2):1439–1463, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1504998.

Qi:2022:ENP

[QZ22] Shijie Qi and Wenming Zou. Exact number of positive solutions for the Kirchhoff equation. *SIAM Journal on Mathematical Analysis*, 54(5):5424–5446, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/21M1445879.

Rankin:2023:SGC

[Ran23] Cale Rankin. Strict g-convexity for generated Jacobian equations with applications to global regularity. *SIAM Journal on Mathematical Analysis*, 55(5): 5685–5714, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL https://epubs.siam.org/doi/10.1137/22M1518852.

Rege:2021:VPS

[Reg21] Alexandre Rege. The Vlasov–Poisson system with a uniform magnetic field: Propagation of moments and regularity. *SIAM Journal on Mathematical Analysis*, 53(2):2452–2475, ???? 2021. CODEN SJMAAH.

ISSN 0036-1410 (print), 1095-7154 (electronic).

Ruiz-Herrera:2020:DRD

[RH20] Alfonso Ruiz-Herrera. Delay reaction-diffusion systems via discrete dynamics. *SIAM Journal on Mathematical Analysis*, 52(6):6297–6312, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ricciardi:2023:CPM

[Ric23] Michele Ricciardi. The convergence problem in mean field games with Neumann boundary conditions. *SIAM Journal on Mathematical Analysis*, 55(4): 3316–3343, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1479075`.

Rosenzweig:2020:JPV

[Ros20] Matthew Rosenzweig. Justification of the point vortex approximation for modified surface quasi-geostrophic equations. *SIAM Journal on Mathematical Analysis*, 52(2):1690–1728, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rosler:2021:SVC

[Rös21] Frank Rösler. A strange vertex condition coming from nowhere. *SIAM Journal on Mathematical Analysis*, 53(3):3098–3122, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ren:2020:VSP

[RR20] Zhenjie Ren and Mauro Rosestolato. Viscosity solutions of path-dependent PDEs with randomized time. *SIAM Journal on Mathematical Analysis*, 52 (2):1943–1979, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Roscani:2022:OPS

[RRV22] Sabrina D. Roscani, Katarzyna Ryszewska, and Lucas Venturato. A one-phase space-fractional Stefan problem with no liquid initial domain. *SIAM Journal on Mathematical Analysis*, 54(5):5489–5523, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1461599`.

Rakesh:2020:FAI

[RS20a] Rakesh and Mikko Salo. Fixed angle inverse scattering for almost symmetric or controlled perturbations. *SIAM Journal on Mathematical Analysis*, 52 (6):5467–5499, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rindler:2020:RPC

[RS20b] Filip Rindler and Giles Shaw. Relaxation for partially coercive integral functionals with

linear growth. *SIAM Journal on Mathematical Analysis*, 52 (5):4806–4860, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rauch:2021:EPP

[RS21] Jeffrey Rauch and L. Ridgway Scott. The electrostatic potential of periodic crystals. *SIAM Journal on Mathematical Analysis*, 53(2):1474–1491, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Radici:2023:ESM

[RS23a] Emanuela Radici and Federico Stra. Entropy solutions of mildly singular nonlocal scalar conservation laws with congestion via deterministic particle methods. *SIAM Journal on Mathematical Analysis*, 55(3): 2001–2041, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1462994`.

Roubicek:2023:VSP

[RS23b] Tomás Roubícek and Ulisse Stefanelli. Viscoelastodynamics of swelling porous solids at large strains by an Eulerian approach. *SIAM Journal on Mathematical Analysis*, 55(4):2677–2703, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1474229`.

Rondi:2021:SDR

[RSS21] Luca Rondi, Eva Sincich, and Mourad Sini. Stable determination of a rigid scatterer in elastodynamics. *SIAM Journal on Mathematical Analysis*, 53 (2):2660–2689, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ruland:2021:SMS

[Rül21] Angkana Rüland. On single measurement stability for the fractional Calderón problem. *SIAM Journal on Mathematical Analysis*, 53(5):5094–5113, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rohde:2020:HNN

[RvW20] Christian Rohde and Lars von Wolff. Homogenization of nonlocal Navier–Stokes–Korteweg equations for compressible liquid-vapor flow in porous media. *SIAM Journal on Mathematical Analysis*, 52 (6):6155–6179, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rybka:2023:CSC

[RW23] Piotr Rybka and Glen Wheeler. Convergence of solutions to a convective Cahn–Hilliard-type equation of the sixth order in case of small deposition rates. *SIAM Journal on Mathematical Analysis*, 55(5):5823–5861, ???? 2023. CODEN

SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1540429`.

Ren:2021:LTB

[RWZ21] Siqi Ren, Dongyi Wei, and Zhifei Zhang. Long time behavior of Alfvén waves in flowing plasma: The destruction of the magnetic Island. *SIAM Journal on Mathematical Analysis*, 53 (5):5548–5579, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rockner:2020:SHE

[RWZZ20] Michael Röckner, Bo Wu, Rongchan Zhu, and Xiangchan Zhu. Stochastic heat equations with values in a manifold via Dirichlet forms. *SIAM Journal on Mathematical Analysis*, 52 (3):2237–2274, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Rundell:2020:IST

[RZ20] William Rundell and Zhidong Zhang. On the identification of source term in the heat equation from sparse data. *SIAM Journal on Mathematical Analysis*, 52 (2):1526–1548, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ren:2021:UDA

[RZ21] Kui Ren and Yimin Zhong. Unique determination of absorption coefficients in a semilinear transport equation. *SIAM Journal on Mathematical Analysis*, 53(5):5158–5184, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Ren:2021:SKF

[RZZ21] Kui Ren, Hongkai Zhao, and Yimin Zhong. Separability of the kernel function in an integral formulation for the anisotropic radiative transfer equation. *SIAM Journal on Mathematical Analysis*, 53(5): 5613–5645, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Salazar:2021:CTE

[SAB21] Lorena Aguirre Salazar, Stan Alama, and Lia Bronsard. Convergence of the TFDW energy to the liquid drop model. *SIAM Journal on Mathematical Analysis*, 53(3):3493–3519, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Saffirio:2020:HEV

[Saf20] Chiara Saffirio. From the Hartree equation to the Vlasov–Poisson system: Strong convergence for a class of mixed states. *SIAM Journal on Mathematical Analysis*, 52(6):5533–5553, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Said:2023:GPQ

[Sai23] Ayman Rimah Said. A geometric proof of the quasilinearity of the water waves system. *SIAM Journal on Mathematical Analysis*, 55(1):508–556, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M141587X`.

Sprengel:2017:TIT

[SCB17] M. Sprengel, G. Ciaramella, and A. Borzì. A theoretical investigation of time-dependent Kohn–Sham equations. *SIAM Journal on Mathematical Analysis*, 49 (3):1681–1704, ???? 2017. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). See erratum [SCB20].

Sprengel:2020:ETI

[SCB20] M. Sprengel, G. Ciaramella, and A. Borzì. Erratum: A Theoretical Investigation of Time-dependent Kohn–Sham Equations. *SIAM Journal on Mathematical Analysis*, 52(1):1006–1008, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). See [SCB17].

Senik:2023:HLP

[Sen23] Nikita N. Senik. Homogenization for locally periodic elliptic problems on a domain. *SIAM Journal on Mathematical Analysis*, 55(2):849–881, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1419337`.

Schulz:2022:FKB

[SH22] Erick Schulz and Ralf Hiptmair. First-kind boundary integral equations for the Dirac operator in 3-dimensional Lipschitz domains. *SIAM Journal on Mathematical Analysis*, 54(1): 616–648, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1389224`.

Shu:2020:HLF

[Shu20] Yan Shu. From Hopf–Lax formula to optimal weak transfer plan. *SIAM Journal on Mathematical Analysis*, 52(3): 3052–3072, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Shu:2021:EAD

[Shu21] Ruiwen Shu. Equilibration of aggregation-diffusion equations with weak interaction forces. *SIAM Journal on Mathematical Analysis*, 53(6):6562–6616, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Simon:2021:QAR

[Sim21] Theresa M. Simon. Quantitative aspects of the rigidity of branching microstructures in

shape memory alloys via h-measures. *SIAM Journal on Mathematical Analysis*, 53(4): 4537–4567, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sinambela:2021:LAS

[Sin21] Daniel Sinambela. Large-amplitude solitary waves in two-layer density stratified water. *SIAM Journal on Mathematical Analysis*, 53(4):4812–4864, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sun:2022:URH

[SL22] Weiran Sun and Qin Li. Unique reconstruction of the heat-reflection indices at solid interfaces. *SIAM Journal on Mathematical Analysis*, 54(5):5742–5759, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1438773`.

Snelson:2020:GBI

[Sne20] Stanley Snelson. Gaussian bounds for the inhomogeneous Landau equation with hard potentials. *SIAM Journal on Mathematical Analysis*, 52(2): 2081–2097, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sagiv:2020:TIU

[SS20] Amir Sagiv and Stefan Steinerberger. Transport and interface: an uncertainty principle for the Wasserstein distance. *SIAM Journal on Mathematical Analysis*, 52(3):3039–3051, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Schwarzacher:2022:WSU

[SS22a] Sebastian Schwarzacher and Matthias Sroczinski. Weak-strong uniqueness for an elastic plate interacting with the Navier–Stokes equation. *SIAM Journal on Mathematical Analysis*, 54(4):4104–4138, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1443509`.

Semoradova:2022:DED

[SS22b] Iveta Semoradova and Petr Siegl. Diverging eigenvalues in domain truncations of Schrödinger operators with complex potentials. *SIAM Journal on Mathematical Analysis*, 54(4):5064–5101, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1439699`.

Saito:2020:SFB

[SSZ20] Hirokazu Saito, Yoshihiro Shibata, and Xin Zhang. Some free boundary problem for two-

phase inhomogeneous incompressible flows. *SIAM Journal on Mathematical Analysis*, 52 (4):3397–3443, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Shvydkoy:2020:TBF

[ST20a] Roman Shvydkoy and Eitan Tadmor. Topologically based fractional diffusion and emergent dynamics with short-range interactions. *SIAM Journal on Mathematical Analysis*, 52(6): 5792–5839, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sun:2020:GMD

[ST20b] Chenmin Sun and Nikolay Tzvetkov. Gibbs measure dynamics for the fractional NLS. *SIAM Journal on Mathematical Analysis*, 52(5):4638–4704, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Stevenson:2021:TWS

[ST21] Noah Stevenson and Ian Tice. Traveling wave solutions to the multilayer free boundary incompressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 53(6):6370–6423, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Stefanov:2020:SSD

[Ste20] Plamen Stefanov. Semiclassical sampling and discretization of certain linear inverse problems. *SIAM Journal on Mathematical Analysis*, 52(6):5554–5597, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sun:2021:LTR

[Sun21] Changzhen Sun. Long-term regularity of two-dimensional Navier–Stokes–Poisson equations. *SIAM Journal on Mathematical Analysis*, 53(5):5114–5157, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Steinbach:2022:NAS

[SUT22] Olaf Steinbach and Carolina Urzúa-Torres. A new approach to space-time boundary integral equations for the wave equation. *SIAM Journal on Mathematical Analysis*, 54(2):1370–1392, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1420034`.

Schimperna:2020:CSO

[SW20a] Giulio Schimperna and Hao Wu. On a class of sixth-order Cahn–Hilliard-type equations with logarithmic potential. *SIAM Journal on Mathematical Analysis*, 52(5):5155–5195, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Staffilani:2020:SCN

[SW20b] Gigliola Staffilani and Bobby Wilson. Stability of the cubic nonlinear Schrödinger equation on an irrational torus. *SIAM Journal on Mathematical Analysis*, 52(2):1318–1342, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Sagiv:2022:EGC

[SW22a] Amir Sagiv and Michael I. Weinstein. Effective gaps in continuous Floquet Hamiltonians. *SIAM Journal on Mathematical Analysis*, 54(1):986–1021, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1417363`.

Saut:2022:WBW

[SW22b] Jean-Claude Saut and Yuexun Wang. The wave breaking for Whitham-type equations revisited. *SIAM Journal on Mathematical Analysis*, 54(2):2295–2319, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1345207`.

Sini:2022:ISP

[SW22c] Mourad Sini and Haibing Wang. The inverse source problem for the wave equation revisited: a new approach. *SIAM Journal on Mathematical Analysis*, 54(5):5160–5181, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1463689`.

Saut:2020:LTE

[SX20a] Jean-Claude Saut and Li Xu. Long time existence for a strongly dispersive Boussinesq system. *SIAM Journal on Mathematical Analysis*, 52(3):2803–2848, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Schochet:2020:MFT

[SX20b] Steven Schochet and Xin Xu. Moderately fast three-scale singular limits. *SIAM Journal on Mathematical Analysis*, 52(4):3444–3462, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Stefanov:2022:IBP

[SZ22] Plamen Stefanov and Yimin Zhong. Inverse boundary problem for the two photon absorption transport equation. *SIAM Journal on Mathematical Analysis*, 54(3):2753–2767, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1417387`.

Takasao:2021:OPB

[Tak21] Keisuke Takasao. On obstacle problem for Brakke's mean curvature flow. *SIAM Journal*

on Mathematical Analysis, 53 (6):6355–6369, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Tan:2021:EDM

[Tan21] Changhui Tan. Eulerian dynamics in multidimensions with radial symmetry. *SIAM Journal on Mathematical Analysis*, 53 (3):3040–3071, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Tesfahun:2020:SDS

[Tes20] Achenef Tesfahun. Small data scattering for cubic Dirac equation with Hartree type nonlinearity in $\mathbf{R}^{1+3}$. *SIAM Journal on Mathematical Analysis*, 52 (3):2969–3003, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Tetlow:2022:RTD

[Tet22] Alexander Tetlow. Recovery of a time-dependent Hermitian connection and potential appearing in the dynamic Schrödinger equation. *SIAM Journal on Mathematical Analysis*, 54(2): 1347–1369, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1353265`.

Tione:2023:CPD

[Tio23] Riccardo Tione. Critical points of degenerate polyconvex energies. *SIAM Journal on Mathematical Analysis*, 55(4):3205–3225, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1519018`.

Tokinaga:2020:VSS

[TR20] Tokinaga and Piotr Rybka. On viscosity solutions of space-fractional diffusion equations of Caputo type. *SIAM Journal on Mathematical Analysis*, 52 (1):653–681, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Tsuge:2022:GES

[Tsu22] Naoki Tsuge. Global existence of a solution for isentropic gas flow in the laval nozzle with a friction term. *SIAM Journal on Mathematical Analysis*, 54(2): 2142–2162, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1415029`.

Tadmor:2022:CTG

[TT22] Eitan Tadmor and Changhui Tan. Critical threshold for global regularity of the Euler–Monge–Ampère system with radial symmetry. *SIAM Journal on Mathematical Analysis*, 54 (4):4277–4296, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1437767`.

Tao:2021:TDF

[TW21] Youshan Tao and Michael Winkler. Taxis-driven formation of singular hotspots in a May–Nowak type model for virus infection. *SIAM Journal on Mathematical Analysis*, 53(2): 1411–1433, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Tao:2022:ETQ

[TW22a] Youshan Tao and Michael Winkler. Existence theory and qualitative analysis for a fully cross-diffusive predator-prey system. *SIAM Journal on Mathematical Analysis*, 54(4):4806–4864, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1449841`.

Trakhinin:2022:WPM

[TW22b] Yuri Trakhinin and Tao Wang. Well-posedness for moving interfaces with surface tension in ideal compressible MHD. *SIAM Journal on Mathematical Analysis*, 54(6):5888–5921, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1488429`.

Trifunovic:2023:IPB

[TW23] Srdan Trifunović and Ya-Guang Wang. On the interaction problem between a compressible viscous fluid and a nonlinear thermoelastic plate. *SIAM Journal on Mathematical Analysis*, 55(4):3509–3566, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1385640`.

Tao:2020:ZVL

[TWZ20] Tao Tao, Wendong Wang, and Zhifei Zhang. Zero-viscosity limit of the Navier–Stokes equations with the Navier friction boundary condition. *SIAM Journal on Mathematical Analysis*, 52(2):1040–1095, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Uhlmann:2023:IBV

[UZ23] Gunther Uhlmann and Yang Zhang. An inverse boundary value problem arising in nonlinear acoustics. *SIAM Journal on Mathematical Analysis*, 55(2): 1364–1404, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1492490`.

Varholm:2020:GBW

[Var20] Kristoffer Varholm. Global bifurcation of waves with multiple critical layers. *SIAM Journal on Mathematical Analysis*, 52 (5):5066–5089, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

vanMeurs:2022:BLA

[vM22] Patrick van Meurs. Boundary-layer analysis of repelling particles pushed to an impenetrable barrier. *SIAM Journal on Mathematical Analysis*, 54(2): 1742–1774, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1420198`.

Vogelius:2021:FRC

[VX21] Michael Vogelius and Jingni Xiao. Finiteness results concerning nonscattering wave numbers for incident plane and Herglotz waves. *SIAM Journal on Mathematical Analysis*, 53 (5):5436–5464, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Vasseur:2023:BVE

[VY23] Alexis F. Vasseur and Jincheng Yang. Boundary vorticity estimates for Navier–Stokes and application to the inviscid limit. *SIAM Journal on Mathematical Analysis*, 55(4):3081–3107, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1503567`.

Wang:2020:TDI

[Wan20] Fei Wang. The three-dimensional inviscid limit problem with data analytic near the boundary. *SIAM Journal on Mathematical Analysis*, 52(4): 3520–3545, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2021:GWP

[Wan21] Wenjun Wang. Global well-posedness and decay rates of strong solutions to a $P1$-approximation model arising in radiation hydrodynamics. *SIAM Journal on Mathematical Analysis*, 53(5):5361–5404, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2022:GSS

[Wan22] Chunpeng Wang. Global smooth sonic-supersonic flows in a class of critical nozzles. *SIAM Journal on Mathematical Analysis*, 54(2):1820–1859, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1373906`.

Wang:2023:PSS

[Wan23] Teng Wang. Planar stationary solution to outflow problem for compressible heat conducting gas in $\mathbf{R}^3_+$: Stability and convergence rate. *SIAM Journal on Mathematical Analysis*, 55(1): 210–274, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1488351`.

Wang:2020:RSQ

[WdlL20] Fenfen Wang and Rafael de la Llave. Response solutions to quasi-periodically forced systems, even to possibly ill-posed PDEs, with strong dissipation and any frequency vectors. *SIAM Journal on Mathematical Analysis*, 52(4):3149–3191, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Weber:2020:HPC

[Web20] Jörg Weber. Hot plasma in a container — an optimal control problem. *SIAM Journal on Mathematical Analysis*, 52 (3):2895–2929, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wichmann:2023:TRS

[Wic23] Jörn Wichmann. On temporal regularity of strong solutions to stochastic p -laplace systems. *SIAM Journal on Mathematical Analysis*, 55(4):3713–3730, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1460491`.

Winkler:2020:SMS

[Win20] Michael Winkler. Small-mass solutions in the two-dimensional Keller–Segel system coupled to the Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 52(2):2041–2080, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2022:LBS

[WJW22] Yanqing Wang, Quansen Jiu, and Wei Wei. Leray's backward self-similar solutions to the 3D Navier–Stokes equations in Morrey spaces. *SIAM Journal on Mathematical Analysis*, 54(3):2768–2791, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1346055`.

Wang:2023:AAR

[WKM23] Renhai Wang, Kush Kinra, and Manil T. Mohan. Asymptotically autonomous robustness in probability of random attractors for stochastic Navier–Stokes equations on unbounded Poincaré domains. *SIAM Journal on Mathematical Analysis*, 55(4):2644–2676, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1517111`.

Wei:2021:STS

[WMZZ21] Mengmeng Wei, Ming Mei, Guojing Zhang, and Kaijun Zhang. Smooth transonic steady states of hydrodynamic model for semiconductors. *SIAM Journal on Mathematical Analysis*, 53(4):4908–4932, ???? 2021. CODEN

SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wu:2022:HLE

[WO22] Lei Wu and Zhimeng Ouyang. Hydrodynamic limit of 3dimensional evolutionary Boltzmann equation in convex domains. *SIAM Journal on Mathematical Analysis*, 54(2):2508–2569, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1375735`.

Wickman:2023:GFP

[WO23] Clare Wickman and Kasso A. Okoudjou. Gradient flows for probabilistic frame potentials in the Wasserstein space. *SIAM Journal on Mathematical Analysis*, 55(3):2324–2346, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1425633`.

Wang:2022:HAM

[WW22] Chao Wang and Yuxi Wang. On the hydrostatic approximation of the MHD equations in a thin strip. *SIAM Journal on Mathematical Analysis*, 54(1):1241–1269, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1425360`.

Wu:2023:HSE

[WW23] Wenpei Wu and Yong Wang. On the half-space or exterior problems of the 3D compressible elastic Navier–Stokes–Poisson equations. *SIAM Journal on Mathematical Analysis*, 55(4):2996–3043, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1526162`.

Wang:2021:HLB

[WWZ21] Guanfa Wang, Yong Wang, and Jiawei Zhou. Hydrodynamic limit of the Boltzmann equation to the planar rarefaction wave in three dimensional space. *SIAM Journal on Mathematical Analysis*, 53(4):4692–4726, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2023:TIM

[WWZ23a] Rong-Nian Wang, Jianhong Wu, and Jia-Cheng Zhao. Theory of invariant manifolds for infinite-dimensional nonautonomous dynamical systems and applications. *SIAM Journal on Mathematical Analysis*, 55(5):5386–5431, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1463392`.

Wang:2023:VSV

[WWZ23b] Yinghui Wang, Huanyao Wen, and Weihao Zhang. Vanishing shear viscosity limit for the

Navier–Stokes equations with cylindrical symmetry: Boundary layer and optimal convergence rate. *SIAM Journal on Mathematical Analysis*, 55(3): 1631–1675, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1509321`.

Wang:2021:VVS

[WX21] Yanjin Wang and Zhouping Xin. Vanishing viscosity and surface tension limits of incompressible viscous surface waves. *SIAM Journal on Mathematical Analysis*, 53(1):574–648, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Weng:2021:SST

[WXX21] Shangkun Weng, Chunjing Xie, and Zhouping Xin. Structural stability of the transonic shock problem in a divergent three-dimensional axisymmetric perturbed nozzle. *SIAM Journal on Mathematical Analysis*, 53 (1):279–308, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2021:WPE

[WY21] Zhan Wang and Jiaqi Yang. Well-posedness of electrohydrodynamic interfacial waves under tangential electric field. *SIAM Journal on Mathematical Analysis*, 53(2):2567–2594, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wu:2023:GSN

[WYZ23] Guochun Wu, Lei Yao, and Yinghui Zhang. Global stability and nonvanishing vacuum states of 3D compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 55(2):882–899, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1478859`.

Wang:2020:BFT

[WZ20a] Ya-Guang Wang and Shi-Yong Zhu. Back flow of the two-dimensional unsteady Prandtl boundary layer under an adverse pressure gradient. *SIAM Journal on Mathematical Analysis*, 52(1):954–966, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wu:2020:EBS

[WZ20b] Lina Wu and Lei Zhang. Estimates of bubbling solutions of SU(3) Toda systems at critical parameters. Part 1. *SIAM Journal on Mathematical Analysis*, 52(4):3738–3776, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Wang:2022:GEW

[WZ22] Guodong Wang and Bijun Zuo. Global existence of weak so-

lutions to the compressible Navier–Stokes equations with temperature-depending viscosity coefficients. *SIAM Journal on Mathematical Analysis*, 54 (3):3724–3756, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1405915`.

Wang:2023:PRI

[WZ23] Haitao Wang and Xiongtao Zhang. Propagation of rough initial data for Navier–Stokes equation. *SIAM Journal on Mathematical Analysis*, 55(2): 966–1006, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1474540`.

Wu:2020:OLT

[WZZ20] Guochun Wu, Yinghui Zhang, and Lan Zou. Optimal large-time behavior of the two-phase fluid model in the whole space. *SIAM Journal on Mathematical Analysis*, 52(6):5748–5774, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Xu:2022:LTB

[XC22] Jiaohui Xu and Tomás Caraballo. Long time behavior of stochastic nonlocal partial differential equations and Wong–Zakai approximations. *SIAM Journal on Mathematical Analysis*, 54(3):2792–2844, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1412645`.

Xiang:2020:EME

[Xia20] Xingfei Xiang. On L^r estimates for Maxwell's equations with complex coefficients in Lipschitz domains. *SIAM Journal on Mathematical Analysis*, 52 (6):6140–6154, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Xia:2023:ROT

[XX23a] Qinglan Xia and Shaofeng Xu. Ramified optimal transportation with payoff on the boundary. *SIAM Journal on Mathematical Analysis*, 55(1):186–209, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M1367714`.

Xu:2023:URC

[XX23b] Jiali Xu and Xiang Xu. On uniqueness of recovering coefficients from localized Dirichlet-to-Neumann map for piecewise homogeneous piezoelectricity. *SIAM Journal on Mathematical Analysis*, 55(2):571–602, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1447957`.

Xu:2021:TDG

[XY21] Gang Xu and Huicheng Yin. Three-dimensional global supersonic Euler flows in the infinitely long divergent nozzles. *SIAM Journal on Mathematical Analysis*, 53(1):133–180, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yamazaki:2022:NLT

[Yam22] Kazuo Yamazaki. NonUniqueness in law for two-dimensional Navier–Stokes equations with diffusion weaker than a full Laplacian. *SIAM Journal on Mathematical Analysis*, 54(4): 3997–4042, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1451087`.

Yan:2021:IBP

[Yan21a] Lili Yan. Inverse boundary problems for biharmonic operators in transversally anisotropic geometries. *SIAM Journal on Mathematical Analysis*, 53(6): 6617–6653, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yang:2021:SFB

[Yan21b] Ruoxuan Yang. Shock formation of the Burgers–Hilbert equation. *SIAM Journal on Mathematical Analysis*, 53(5): 5756–5802, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yao:2022:NSL

[YCRS22] Shuai Yao, Haibo Chen, Vicentiu D. Radulescu, and Juntao Sun. Normalized solutions for lower critical Choquard equations with critical Sobolev perturbation. *SIAM Journal on Mathematical Analysis*, 54(3): 3696–3723, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1463136`.

Yang:2021:PMS

[YGD21] Jiaqi Yang, Joan Gimeno, and Rafael De la Llave. Parameterization method for state-dependent delay perturbation of an ordinary differential equation. *SIAM Journal on Mathematical Analysis*, 53(4):4031–4067, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yan:2022:IVP

[YL22] Kan Yan and Yue Liu. The initial-value problem to the modified two-component Euler–Poincaré equations. *SIAM Journal on Mathematical Analysis*, 54(2):2006–2039, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/20M138274X`.

Yoshizawa:2021:REG

[Yos21] Kensuke Yoshizawa. A remark on elastic graphs with the symmetric cone obstacle. *SIAM Journal on Mathematical Analysis*, 53(2):1857–1885, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yuan:2023:PVS

[Yua23] Qian Yuan. Planar viscous shocks with periodic perturbations for scalar multidimensional viscous conservation laws. *SIAM Journal on Mathematical Analysis*, 55(3):1499–1523, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1462453`.

Yuan:2022:PPC

[YY22] Qian Yuan and Yuan Yuan. Periodic perturbations of a composite wave of two viscous shocks for 1-d full compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 54(3):2876–2905, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1421489`.

Yu:2021:GWP

[YYZ21] Xueying Yu, Haitian Yue, and Zehua Zhao. Global well-posedness for the focusing cubic NLS on the product space $\mathbf{R} \times \mathbf{T}^3$. *SIAM Journal on Mathematical Analysis*, 53(2):2243–2274, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yao:2021:ASS

[YZ21] Huancheng Yao and Changjiang Zhu. Asymptotic stability of the superposition of viscous contact wave with rarefaction waves for the compressible Navier–Stokes–Maxwell equations. *SIAM Journal on Mathematical Analysis*, 53(5):6122–6163, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Yang:2022:DTS

[YZZ22] Kai Yang, Chongchun Zeng, and Xiaoyi Zhang. Dynamics of threshold solutions for energy critical NLS with inverse square potential. *SIAM Journal on Mathematical Analysis*, 54(1):173–219, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1406003`.

Zhang:2021:ATS

[Zha21] Yiping Zhang. Approximate two-sphere one-cylinder inequality in parabolic periodic homogenization. *SIAM Journal on Mathematical Analysis*, 53(5):5835–5852, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Zhang:2022:SLS

[Zha22] Deng Zhang. Strichartz and local smoothing estimates for stochastic dispersive equations with linear multiplicative noise. *SIAM Journal on Mathematical Analysis*, 54(6):5981–6017, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1426304`.

Zhao:2023:MIP

[Zha23] Jiefeng Zhao. Mild ill-posedness for 2D magneto-micropolar fluid equations near a background magnetic field. *SIAM Journal on Mathematical Analysis*, 55(5):5967–5992, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1469432`.

Zhou:2022:GSV

[Zho22] Wenshu Zhou. Global solvability and vanishing shear viscosity limit for a simplified compressible Navier–Stokes system with temperature-dependent viscosity. *SIAM Journal on Mathematical Analysis*, 54(4):4865–4890, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1477441`.

Zhu:2021:VAH

[Zhu21] Yuzhe Zhu. Velocity averaging and Hölder regularity for kinetic Fokker–Planck equations with general transport operators and rough coefficients. *SIAM Journal on Mathematical Analysis*, 53(3):2746–2775, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Zillinger:2023:ECL

[Zil23] Christian Zillinger. On echo chains in the linearized Boussinesq equations around traveling waves. *SIAM Journal on Mathematical Analysis*, 55(5):5127–5188, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1458053`.

Zhai:2020:GLS

[ZLZ20] Xiaoping Zhai, Yongsheng Li, and Fujun Zhou. Global large solutions to the three dimensional compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 52(2):1806–1843, ???? 2020. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Zeng:2022:DPI

[ZRW22] Shengda Zeng, Vicentiu D. Radulescu, and Patrick Winkert. Double phase implicit obstacle problems with convection and multivalued mixed boundary value conditions. *SIAM Journal on Mathematical Analysis*, 54(2):1898–1926, ???? 2022. CODEN SJ-

MAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1441195`.

Zhang:2021:ABB

[ZZ21a] Lei Zhang and Xiao-Qiang Zhao. Asymptotic behavior of the basic reproduction ratio for periodic reaction-diffusion systems. *SIAM Journal on Mathematical Analysis*, 53(6):6873–6909, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Zhao:2021:LTD

[ZZ21b] Zehua Zhao and Jiqiang Zheng. Long time dynamics for defocusing cubic nonlinear Schrödinger equations on three dimensional product space. *SIAM Journal on Mathematical Analysis*, 53 (3):3644–3660, ???? 2021. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Zhai:2023:STC

[ZZ23] Cuili Zhai and Weiren Zhao. Stability threshold of the Couette flow for Navier–Stokes Boussinesq system with large Richardson number $\gamma^2 > 1/4$. *SIAM Journal on Mathematical Analysis*, 55(2):1284–1318, ???? 2023. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1495160`.

Zeng:2022:LSC

[ZZZ22a] Lan Zeng, Zhifei Zhang, and Ruizhao Zi. Linear stability of the Couette flow in the 3D isentropic compressible Navier–Stokes equations. *SIAM Journal on Mathematical Analysis*, 54(5):5698–5741, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/21M1438499`.

Zhang:2022:SRW

[ZZZ22b] Lan Zhang, Huijiang Zhao, and Qingsong Zhao. Stability of rarefaction waves of the compressible Navier–Stokes–Poisson system with large initial perturbation. *SIAM Journal on Mathematical Analysis*, 54(4):4536–4571, ???? 2022. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic). URL `https://epubs.siam.org/doi/10.1137/22M1473534`.