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[AKMJ⁺24, BKS23, NO24].

(0, 2) [HMY23]. 1 [KMNN21]. 1.5 [LNW25]. 2 [BBL20, FS20]. $2^n + p$ [DDDR20]. 2^t [MS20b]. $2m$ [CH20]. 3 [BBL20, KK21]. 4 [FS24]. 5 [KK21]. α [SSX26]. B [LL20]. C^0 [Ley21]. $C_4 \times C_4 \times C_4$ [BBERPC24]. D_4 [ABG⁺24]. E [BRS24]. E_2 [GPS24]. ℓ_p [TJW25]. $G(p^f)$ [LMP20]. Γ [MS20a]. $H(\text{div})$ [EV20]. H^1 [EV20, HHZ23, WH24]. H^2 [WH24]. hp [BCFM25, CDG22]. j [BHK⁺25b]. k [MOT21]. L [AFPwaabAVS22, BMOR21, DMV23, GdLL25, LV22]. L^2 [GK26]. $L^\infty(L^2)$ [WY22a]. λ [BS23, DK23]. $\mathbb{F}_2$ [AKPW25]. $\mathbb{Q}$ [PT22]. $\mathbb{R}$ [LL20]. $\mathbb{R}^d$ [GKS22, NS23]. $\mathbb{R}^n$ [CH20]. $\mathbb{T}$ [WY22b]. $\mathbb{Z}_2$ [Pag22]. $\mathbf{H}(\text{curl})$ [CFEV22]. $\mathbf{P}_2 - \mathbf{P}_1$ [ORZ21]. $\mathcal{H}^2$ [Bör25]. FI [WG20]. N [Fre23]. $\overline{M}_{0,6}$ [BKR20]. P [DMM24, BCM21, BLN⁺24, CFEV22, GM25a, LV22, LMP20, MR20, MT20, PS21, SiTiY20, WD24]. $\pi(N)$ [HKM25]. $\psi(x) - x$ [GKPR25]. q [QH22]. qd [Hua20]. $\theta(x)$ [BKL⁺21]. $\tilde{O}(\sqrt{N})$ [HKM25]. $U_n - b^m = c$ [HTVZ23]. $x^3 + y^3 + 1 - kxy$ [TG25]. $X_0(N)$

-action [ABG⁺24]. **-adic** [BCM21, BLN⁺24, GM25a, LV22, MT20, MR24, SiTiY20, WD24]. **-algebras** [DMV23]. **-analogue** [QH22]. **-convergence** [MS20a]. **-Curves** [PT22]. **-extensions** [Pag22]. **-free** [MOT21]. **-functions** [BMOR21, BRS24, GdLL25, LV22]. **-groups** [PS21]. **-invariants** [BHK⁺25b, DK23]. **-matrices** [Bör25]. **-module** [WG20]. **-numbers** [GPS24]. **-Poisson** [BS23]. **-polynomials** [AFPwaabAVS22]. **-recursive** [DMM24]. **-robust** [CFEV22]. **-schemes** [LL20]. **-stable** [SSX26]. **-subgroups** [LMP20]. **-type** [Hua20, GK26]. **-version** [CDG22, MR20].

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[BS24, QESS24]. **determinants** [WY23]. **deterministic** [Har21, HH22, Hit21, Kir20]. **developed** [WLL21]. **devising** [DS21]. **DG** [IGMS23]. **diagonal** [AE25, Ula24]. **diagrams** [BLM23, CHV24]. **difference** [Ben22, BDF21, Coe24, HJS24, Sog20]. **differences** [BBM21]. **Differential** [CH20, AGdS22, BCCET22, BKKS24, BBM21, BRS24, DE25, FMZ23, GAHW21, KNZ25, LMY21, LZ25, SJ24]. **differentiation** [HS21b]. **diffraction** [QESS24]. **diffusion** [BL25b, BCHR20, CHEF24, CX24, CJS23, CWS26, CEHT23, Gos20, GLFN20, HLZZ21, ILZ21, OW20, WLSZ23]. **diffusion-reaction** [HLZZ21]. **digit** [FS21]. **dimension** [BBL20, BGMS23, DE25, GN25, YCQ20, ZCL⁺22]. **dimensional** [BDM24, CX24, CWS26, Dua21, GT23, Gos20, HPW20, PO23, WZSP21, WGMZ25, ZL20, dCIDV24]. **dimensions** [CH22b, CH22a, CH24b, EV20, HHY20, HL21, LS25, GSY23]. **diminishing** [FTY24]. **Diophantine** [HTVZ23, KLM20, PT22]. **Dirac** [BCY20, SWZ21a]. **Dirichlet** [BMOR21, BBV21]. **discontinuous** [AHPS20, Bar21, CDG22, CH24a, CX24, CJS23, FSTW25, GKMV25, KHR23, KÇR23, KG21, LZMW20, Sun25, MLR22, PSW25, SH21, SX21, TXS20, TCLS25, WLSZ23, YCQ20]. **discrepancy** [Doe22, GPW21]. **Discrete** [BHKS25, BF24, DD23, FP20, GKL⁺21, GKW24, Han23, HY25a, HJS24, HL21, HS23, LL21, LQXY24, MS22, RS23, SH21, TFD25, WY22a]. **discrete-ordinate** [SH21]. **discretised** [GGS23]. **Discretization** [MS20a, AFKL21, AMU21, BBM21, DL22, GT23, GGKO23, GGO20, KZ22, LNW25]. **discretizations** [BCFM25, CH24a, CDZ22, DSS23, Lav21, WLSZ23, WZSP21]. **discretized** [CLLZ25]. **discriminants** [Bar20]. **disk** [HLZZ21, HJ21]. **dispersive** [CRS22]. **dissipation** [ILW25]. **dissipative** [CLT22]. **distance** [DGS26]. **distributed** [AB20]. **Distribution** [MS20b, MS24, CT22b, MOT21]. **div** [CH22b, CH25b]. **div-conforming** [CH25b]. **divergence** [HHZ23, LvBV25]. **divergence-free** [HHZ23]. **divergence-preserving** [LvBV25]. **Divisibility** [Sgo23]. **domain**

[LNW25, PYAT21, RSM22]. **domains** [ACS21, BNWX23, BY24, KK20, Ric22, RS24]. **dominated** [JKK21]. **dominating** [GKS22, GHS23]. **Dörfler** [PP20]. **Double** [XB24]. **Double-variable** [XB24]. **Doubly** [ABG⁺24]. **DP/BDDC** [WZSP21]. **drift** [Gos20]. **drift-diffusion** [Gos20]. **Drinfeld** [CL26]. **driven** [SSX26]. **DtN** [WZZ22]. **DtN-type** [WZZ22]. **Dual** [CT22c, JCWH21, JW25, LD20, Wan25, ZYYZ25]. **duality** [Bar21, KNT21]. **Durand** [RSS23]. **Dyer** [KMwaabAVS23]. **dynamic** [YLLO24]. **Dynamical** [KNZ25, BEKU21, Lav21, YEHS25]. **Dynamics** [FS24, BFS22, Chu25]. **Dynkin** [MM21].

ECM [BS22]. **ECM-friendly** [BS22]. **Effective** [Avd21, LPPV24]. **Efficient** [LX25, MX26, BK23b, MNST20, TJW25]. **eigenproblems** [Reu22]. **eigenschemes** [BGV24]. **eigenvalue** [ALPS25, BT22, CSX23, CLLZ25, Gal23, GSTZ22, GDST26, LX22, ZC21]. **eigenvalues** [ABD20, CDM⁺20, HM22, PNR25, RS24]. **eigenvector** [BBGS22]. **eigenvectors** [CDM⁺20, OR23]. **Einstein** [HY25a]. **elastic** [BR21, DLL21]. **elasticity** [AP24, CH25a, CH22a, DS20a, KBPS21, LS23, LS24, WZSP21]. **elastodynamics** [DS20a, MIJR21]. **electrical** [BZ24]. **electromagnetic** [Nic24]. **electronic** [KL23]. **electrostatic** [RS23]. **Element** [CH20, AP24, AFGS23, BL25a, BL25b, BCFM25, BFO20, COSS26, CNV21, Car20, CH25a, CH22a, CH24b, CH25b, FOS22, FP20, GT23, GHPS21, GN25, GM21, GSTZ22, GS20, HY25b, HLX22, JKK21, KK20, KMRB25, LvBV25, LL21, Li21, Li22a, LYZ24, LQXY24, LMS25, LYZ25, Tra25, Reu25, ORS24, Reu22, WLL21, ZMZW23]. **element/holomorphic** [GSTZ22]. **elementary** [HKM25]. **elements** [BHKS25, CDG22, CS22, CH22b, DS21, FH25, GSW23, HM22, JT22, KS20, LS23, LS24, MIJR21, ORZ21, ST23]. **eliminating** [PSW25]. **ellipse** [SH25]. **elliptic** [AMU21, BNP24, BS22, BKKS24, BHL24, CSX23, CM23, DGJ20, DES23, Fre23, GJN20, HP23, HKS21, KZ23, KNRR22, Tra25, WY22a].

elliptic-parabolic [AMU21]. **Embedded** [FKRS21]. **empirical** [COS21]. **Energy** [CEOR20, FTY24, LS23, CNV21, GWWZ24, ILW25, LWW⁺21, WLF25]. **Energy-preserving** [CEOR20]. **energy-stable** [CNV21]. **enriched** [HM22]. **ensemble** [CT22a, LS21]. **entropy** [FJRR21, GM21, Zha22]. **Enumeration** [AMV22, BBERPC24, DMV23]. **envelope** [AMP22]. **envelopes** [LN22]. **equation** [AMV22, AFKL21, BBP24, BV23, BCY20, BFS22, BCF23, BW24, BRT23, BDF21, BCDF25, BY24, BFO20, CHEF24, CH25b, Coe24, CKMS26, CHS22, DE25, EN24, GT23, GGKO23, GS20, GMS21, HLZZ21, HTVZ23, HW22, HPR24, HJS24, HJQ23, IGMS23, JLOS25, KR25, Kir20, LQW21, LQT22, Li22b, LYZ24, LZ25, Reu25, MV24b, PYAT21, SW25, TCLS25, WZZ22, WZ22, WLSZ23, WY22b, WGMZ25]. **Equations** [BGV24, CH20, AGdS22, AHHT23, BGH⁺23, BKRS20, BCHR20, BBK⁺24, BCCET22, BF24, BKKS24, BRS24, CRS22, CNV21, CH24a, CFS21, CX24, DGM20, DES22, DL22, FS22, FMS24, FMZ23, GS22, Gos20, GLFN20, HHZ23, HLMT21, HS21b, HS23, JKK21, KNZ25, KBPS21, KHR23, KÇR23, LZMW20, LL20, LMY21, LSL22, LMS25, ILZ21, MLR22, ORS24, PT22, PSS25, QT20, RSM22, SWZ21a, SH21, Sog20, SJ24, SX21, Wal99, Wal21, YCQ20, YEHS25, Zha22, AK24]. **Equiangular** [GSY23]. **equilateral** [BA22]. **equilibration** [CFEV22, CF23]. **equilibrium** [GCO22, RS23]. **equipowerful** [BGPW21]. **Equivalence** [GKS22]. **equivariants** [HB22]. **Eratosthenes** [Hel20]. **ergodic** [LV20]. **Error** [BW24, Bar21, BLMM⁺23, CH24a, CT20, DM24, Kop21, MS22, MT22, ORS22, SH25, AGY21, BM22, BFS22, BCF23, BK23b, CLY23, CNV21, CFEV22, CF23, CX24, CWS26, De 20, DGS22, DMM24, DL22, EGH25, FMS24, GK26, GS20, HR25, HLZZ21, JLOS25, KBPS21, Ley21, LSL22, MV24b, Nak20, NS23, PT21, SSX26, SX21, SW25, WY22a, WZZ22, WLF25, XKLW23, XLL24]. **errors** [ABD20, GGO20, Li21, LRY20]. **Escott** [CMSV24]. **essentially** [CDG22]. **estimate** [CWS26, SW25, WLF25]. **estimates** [BV23, BW24, Bar21, BLMM⁺23, BHL24, CFEV22, CX24, CHL22, CHL24, HLZZ21, JLOS25,

Ley21, Li25, MS22, MT22, MV24b, ORS22, SSX26, SX21, WY22a, XKLW23]. **estimating** [FRS25]. **estimation** [BK23b, BPT21, COS21, HKS21, KBPS21, THW25]. **estimators** [CF23]. **Euclidean** [DGS26, DK21, GSY23]. **Euler** [AL20, AF20, ERS21, FLMSS22, HLMT21, LM26, Zha22]. **Eulerian** [ORS24]. **evaluation** [BKM20, BLM24, CT22b]. **eventual** [WG20]. **everywhere** [Dem22]. **evolutionary** [JKK21]. **evolving** [ORS24]. **Exact** [FGN20, GLN22, Lap20]. **exactly** [KHR23, LS23]. **exceptional** [BJT20]. **exhibiting** [OR23]. **Existence** [BEKU21, Dem22]. **Exotic** [LV20]. **expansion** [CT20, CEFO20]. **expansions** [DMM24, HM22, KZ23, LPP21, XKLW23]. **Expected** [HRR25, HW21]. **Explicit** [AGdS22, BT20, BRS23, BK23b, CHL22, EHP22, GPS24, Kay22, Rüd22, vBHM20, AMU21, BCFM25, CIK⁺25, Cre20, FTY24, HJLW20, HS21b, HS25b, LMY21, LQT22, LLZ23, ILW25, SSX26, WLSZ23, CHL24]. **exponent** [BST21, Har21, HH22, KK21, TY25]. **exponential** [DL22, LS25, ILW25]. **exponential-type** [LS25]. **extended** [CIK⁺25, GI23, HLX22]. **Extending** [HR25]. **Extensible** [THW25]. **extensions** [CFEV22, EV20, FW23, FR22, Pag22]. **exterior** [AFGS23, HLX22]. **extrapolation** [GNT24]. **extreme** [XB24]. **Facial** [Lap20]. **factorisation** [Har21, HH22]. **factorization** [COS25, DH20, Hit21, LX25, QMSZ25]. **Faltings** [Avd21, Dua21]. **families** [BS22, MSSS23, Pul20]. **family** [GP24]. **fans** [BKR20]. **far** [Ros20]. **Farin** [GLN22]. **Fast** [CKNS21, ERS21, WX22, LR21, LS20a, Bör25, YLLO24, BNPP20, CHW20]. **Faster** [Har24]. **Faulhaber** [GPW21]. **fault** [GO20]. **FEM** [HHZ23]. **FEMs** [MS22, SW21]. **Fermat** [BCDF25]. **Feshbach** [DSS23]. **FETI** [WZSP21]. **FETI-DP** [WZSP21]. **FETI-DP/BDDC** [WZSP21]. **Few** [GJL⁺24, GMZ20]. **Fiedler** [De 20]. **field** [BCM21, BK24, GKL⁺21, JT22, YLLO24]. **fields** [BNP24, BS24, DGJ20, DK23, JST22, KK21, LV22, LC22, Mar21, OW20, Pag22, Rüd22, WH24]. **fifth**

[Har21, HH22]. **film** [GGKO23]. **Filon** [GI23, WGMZ25]. **filter** [LS21]. **Filtered** [JLOS25, GGO20]. **filters** [EGL24]. **find** [SW20]. **finder** [RSS23]. **Finding** [PSY20, Kho20, Wan25]. **FindStat** [ELM⁺24]. **Finite** [CH22b, CH24b, FOS22, GN25, GSTZ22, Tra25, AP24, AFGS23, BL25a, BL25b, BLM25, BLMM⁺23, BAL21, Ben22, BCFM25, BCHR20, BDF21, BHKS25, BBM21, BFO20, COSS26, CNV21, Car20, CH25a, CH22a, CC25, CH25b, Coe24, DMV23, EGH25, FP20, FH25, GT23, GHPS21, GS20, HLMT21, HY25b, HLX22, HJS24, HB22, JT22, JKK21, KS20, KK20, LMP20, LS23, LS24, LvBV25, LL21, Li21, Li22a, LYZ24, LQXY24, LMS25, LYZ25, Reu25, Mar21, MIJR21, ORS24, Reu22, Sog20, WLL21, XLL24, dSKJV23, GM21]. **finite-size** [XLL24]. **finiteness** [MT20, WD24]. **first** [CT22b, GKS22, JCWH21, WY22b]. **first-order** [GKS22, JCWH21, WY22b]. **fixed** [AF20, BNP24]. **Flory** [GWWZ24]. **flow** [ASZ23, BL25a, COS21, CLLZ25, FOS22, HY25b, ILW25, SW21]. **flows** [BBDM26, CDZ22, FTY24, GNT24, HLS21, MS20a]. **fluid** [COSS26, CZ25]. **fluid-structure** [CZ25]. **fluids** [FOS22]. **flux** [AV25, BRT23, CHEF24, CWS26, EV20, EGH25, MS20a]. **flux-limited** [MS20a]. **fluxes** [CX24, LZMW20, SX21]. **Fock** [XLL24]. **Fokker** [SW25, AHHT23, LL20]. **forced** [Ros20]. **form** [CIK⁺25, DDDR20, Tra25]. **forms** [AC22, BMR24, BJT20, BV24, BK22, CT22c, DPRT24, LwaabAL21, MR23, MS20c, MV24a, PSY20]. **formula** [CIK⁺25]. **formulae** [Not22]. **formulas** [FS22, HS21b]. **formulation** [BRT23, CZ25]. **Four** [JT22, Ros22]. **fourfolds** [AKPW25]. **Fourier** [BLMM⁺23, CMR25, DSS23, Li25, QH22, WY22b]. **fourth** [EH20, FSTW25]. **fourth-order** [FSTW25]. **fraction** [BST21, DKS25, SiTiY20]. **Fractional** [KR25, AHHT23, BBP24, BM22, BKKS24, BNWX23, FMP21, HLZZ21, KLR22, Kop21, MSS24]. **fractional-order** [Kop21]. **fractions** [MR24, WD24]. **fracture** [BDM24, HY25b]. **framelets** [DH20]. **framework** [BHK⁺25a, BF24, BDH⁺21, HKLP23, KNT21, Chu25]. **Frankl** [Pul20]. **free** [ABP25, CZ25, HHZ23, HRR25, KR25, Mar21, MIJR21, MOT21]. **Freeness** [BDS20, BK23a]. **frequency** [BY24, PV20]. **frequency-time** [BY24]. **frictionless** [BDM24]. **Fried** [FJRR21]. **friendly** [BS22]. **Frobenius** [FS20]. **Fuchsian** [Ric22]. **Full** [DL22, AFKL21]. **Fully** [CLLZ25, DD23, Han23, HJS24, HS23, WY22a]. **Function** [KMNN21, AF20, Avd21, BPT21, BKL⁺21, BLM24, CT22b, CHS22, GSTZ22, HR25, LR21, SH22, WY23]. **Functional** [MSSS23]. **functions** [BDOT24, BKPU24, BMOR21, BKM20, BRS24, CS23, CC25, FRS25, GAHW21, GdLL25, GHS23, HSW22, KNS22, LV22, MX26, PNR25, SH25, Wan24]. **fundamental** [HB22, Ric22]. **fusion** [PS21].

Galerkin [KG21, AHPS20, Bar21, BKRS20, CDG22, CH24a, CX24, CJS23, FSTW25, GKMV25, HLZZ21, HW20, HLX22, KHR23, KÇR23, LZMW20, Sun25, MLR22, PSW25, SH21, SW21, SX21, TXS20, TCLS25, WLSZ23, YCQ20]. **Galerkin-mixed** [SW21]. **Galois** [Fre23, Mas20]. **gamma** [LR21]. **gap** [GP24]. **gaps** [ALPS25]. **Garcke** [BL25a]. **Gauss** [SH25]. **Gaussian** [COS25, FKRT24, GKS24, KOG21, LRY20, Not22, WW24]. **GCD** [HG26]. **Gearhart** [Rie23]. **GenCol** [FP25]. **General** [LRY20, BVA20, CL26, Han23, HJQ23, KBL21, LDHS23, MR23, QT20]. **Generalized** [BM25, Cre20, DH20, Rie23, WH24, BGO24, BCDF25, CS23, CX24, GPW21, Hua20, LZMW20, MS22, SX21, XB24, EHP22]. **generally** [RSS23]. **generated** [OW20]. **generating** [GM25b]. **generation** [GSW23, LÖS20]. **generator** [MS24]. **generators** [BAFG20, DH20, JST22]. **generic** [BS23]. **genetics** [CT22b]. **genus** [ABG⁺24, FS24, HSS21, Mil20, Rak24]. **genus-2** [ABG⁺24]. **geodesic** [GNT24]. **geometric** [AL20, LS20a, XB24, Zim21]. **geometries** [VSB26]. **Geometry** [AGY21, AAP22, CDLT25]. **Georges** [BGM22]. **Gilbert** [AFKL21]. **Ginibre** [CGT25]. **GIT** [BKR20]. **GIT-fans** [BKR20]. **given** [PSY20]. **gives** [GKS24]. **global** [Sun21]. **globally** [LD20]. **Gluing** [HSS21]. **GMRES** [CGT25]. **Gonality** [NO24]. **good** [Dem22, JLOS25]. **Gordon** [BFS22, WZ22]. **graded** [Kop21]. **Gradgrad** [HL21]. **Gradgrad-complexes** [HL21].

gradient [CS25, CLLZ25, FTY24, GNT24, JZCH24, ILW25, LM22, MS20a, YLLO24]. **grandchildren** [BA24]. **graph** [BGM22]. **Graphs** [GMZ20, BKKS24, GJL⁺24, GEL24, LS20b, MSSS23]. **great** [BA24]. **great-grandchildren** [BA24]. **greedy** [BEL25]. **Greenberg** [Pag22]. **grid** [Not20, THW25]. **grids** [AHPS20, BLM25, Gos20, HY25b]. **Gross** [CLLZ25, CIK⁺25, CKMS26, HW22]. **ground** [HY25a]. **group** [AMP22, BGO24, BBERPC24, Box21, BMP21, GM25b, KK21]. **groups** [BGO24, BJT20, BKK24, CC25, GJN20, GSW23, HB22, Hul22, KS20, KLM20, LMP20, MS25b, PS21, Ric22]. **Growth** [GJN20, CLY23]. **Guaranteed** [CDM⁺20].

Hadamard [LÖS20]. **half** [Coe24]. **half-line** [Coe24]. **Halpern** [CL25, HXDM24]. **Halpern-type** [CL25]. **Hamilton** [Sog20]. **Hamiltonian** [BRK25, CDZ22, GMZ20, GJL⁺24, JO23]. **Hamiltonians** [Chu25]. **harmonic** [ABP25, Li25]. **Hartree** [XLL24]. **Hasse** [BVA20, HKY22]. **HDG** [BRT23, CZ25, DS20a, DS21]. **heat** [BDF21]. **Hecke** [PT22]. **heights** [GM25a, vBHM20]. **Helmholtz** [BRT23, BCFM25, GGS23, GS20, LX22, WGMZ25]. **Hensel** [BV24, Mas20]. **Hensel-lifting** [Mas20]. **heterogeneous** [PV20]. **heuristics** [DK23]. **hierarchical** [COS21, SJ24]. **High** [HJLW20, LYZ24, AP24, AHPS20, DE25, EMS26, HHZ23, Hua20, HPW20, PV20, TXS20]. **high-contrast** [PV20]. **high-dimensional** [HPW20]. **High-order** [LYZ24, AHPS20]. **Higher** [AFKL21, FJRR21, GdLL25, HR25, NS23]. **higher-level** [GdLL25]. **Higher-order** [AFKL21, NS23]. **higher-rank** [FJRR21]. **highly** [DLL21, GI23, WX22, WW24]. **Hilbert** [KOG21, LM22]. **Hilliard** [GWWZ24, BV23, HJS24, LQW21, LQT22, Li22b]. **Hodge** [Bla22]. **holomorphic** [GSTZ22]. **homogeneous** [ABD20, BJT20, SLN23]. **homology** [DEG22, LPPV24]. **Homomesies** [ELM⁺24]. **homotopies** [BSW23]. **homotopy** [LdCS⁺21]. **Hood** [Reu25, ORZ21]. **Hopf** [FP20, LX25]. **house** [Fla21]. **Huber** [Avd21].

Huggins [GWWZ24]. **hybrid** [BBDM26, BY24]. **Hybridization** [AFGS23]. **hybridized** [KHR23, KÇR23]. **hydrostatic** [BL21]. **hyperbolic** [BAL21, Ben22, DM24, DGSW22, GK26, GM21, HJLW20, HS21b, HS25b, HLZ23, MZ21, PSW25]. **hyperelliptic** [DIS23, GM25a, Kay22]. **hypersurfaces** [ES24, LPPV24]. **Hypochoercoivity** [BCHR20, BF24]. **Hypothesis** [EHP22].

Ideal [CMSV24, BK24]. **idealized** [YEHS25]. **ideals** [Bla22]. **idempotents** [BGO24]. **Identifying** [EN24, OR23]. **II** [BCDF25, CWS26]. **iid** [KNS22]. **images** [BLH22]. **Imaginary** [KK21, JST22]. **imaging** [KR22]. **IMEX** [HS21b, HS25b, HHZ23]. **IMEX-BDF** [HS21b]. **IMEX-RK** [HS25b]. **IMEX-SAV** [HHZ23]. **impedance** [BZ24, GGS23]. **implementation** [FKRS21]. **Implicit** [LLZ23, AFKL21, FTY24, HS21b, HS25b, HS23, LQW21, LQT22, SSX26, WLSZ23]. **Implicit-explicit** [LLZ23, HS21b, HS25b, LQT22, WLSZ23]. **Implicitization** [DS20b]. **implicitly** [FOS22]. **implicitly-constituted** [FOS22]. **implies** [Fei22]. **implying** [Pul20]. **Improved** [BCF23, Ric22, BKRS20, GPW21, Hel20]. **inchworm** [CLY23]. **incomplete** [KZ23]. **incompressible** [BGH⁺23, BBDM26, KÇR23, MLR22, SW21, WZSP21]. **indefinite** [ZWZ20]. **inequalities** [EG24, MT22, WH24]. **inequality** [BM25, GAHW21, GPW21, LDHS23]. **Inexact** [BLM24, BKM20, Wan25]. **inextensible** [BR21]. **Inf** [Fei22, ORZ21, CS22, ST23]. **Inf-sup** [Fei22, ORZ21, CS22, ST23]. **infinite** [Box21]. **infinitely** [HJ24, Ula24]. **Influence** [BEL25]. **inhomogeneous** [CEHT23]. **inner** [Sun25]. **inner-stage** [Sun25]. **inpainting** [QMSZ25]. **integer** [ALPS25, Har21, HH22, Har24, Hit21]. **integers** [DDDR20, Fla21, WW21]. **integral** [ASZ23, DLL21, FMP21, GM24, HLZZ21, KZ23, LPP21, RSM22]. **integrals** [BCM⁺24, GI23, WX22, WW24, WGMZ25]. **Integration** [KOG21, BT20, BCCET22, CH24a, Kay22, KMNN21, LS20b, NS23]. **integrator** [WZ22, WY22b]. **integrators** [BCJ23, CRS22,

DL22, FMS24, JO23, LV20, LS25, SWZ21a].
interaction [COSS26, CZ25]. **interfaces** [BDM24].
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invariable [GSW23]. **invariance** [BKS25].
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invariants
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inversion [CT22a, CT22b]. **inversions** [KS20].
inversive [MS20b]. **irrationals** [BCM21].
Isogenies [SF25, BNP24, Mil20]. **Isogenous**
 [DIS23, ABG⁺24]. **isogeny** [KNRR22].
isogeometric [MNST20, VSB26, WZSP21].
isolated [BHK⁺25b]. **isolation** [HJLZ20].
isometries [ABP25]. **isomorphisms** [HJ20].
isoparametric [LQXY24]. **Isotropic**
 [LC22, MIJR21, SH21]. **Iteration** [BKM20,
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iterations [CL25, ZZY23]. **Iterative**
 [GHM24, GCL23, HW20]. **Iwasawa** [DK23].

Jacobi

[LX22, MT20, SLN23, Sog20, SH25, XKLW23].
Jacobi-type [SLN23]. **Jacobians**
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 [Doe22]. **jump** [LL20].

K3 [BVA20]. **Kac** [FS22]. **Kaczmarz**
 [Rie23, Ste21]. **Kahan** [BCM⁺24]. **Kalman**
 [CT22a, LS21]. **KdV** [LZMW20]. **Keating**
 [CIK⁺25]. **Keller** [WLF25]. **Kelmans** [BGM22].
kernel [COS21, KOG21]. **kernels**
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 [MV22]. **Kerr-type** [MV22]. **Khovanskii**
 [BSW23]. **kind** [CT22b, KZ23]. **kinetic**
 [BCHR20, BF24, BRK25, BL21, HS21b, YEHS25].
Kirchhoff [DD23, FH25, KMRB25]. **Kissing**
 [DK21]. **kit** [MV24a]. **Klein**
 [BFS22, BJT20, WZ22]. **Kleinian** [BKK24]. **knots**
 [BR21]. **Korn** [WH24]. **Koshy** [Rie23]. **Krylov**
 [CS23, PSS25]. **Kummer** [SH22, SF25]. **Kutta**

[BRK25, HS25b, FTY24, LLZ23, ILW25, Sun25,
 WLSZ23].

L2 [Kop21]. **L2-type** [Kop21]. **Lagrange**
 [DMM20]. **Lagrangian**
 [FM20, HMX23, LDHS23, YCQ20]. **Laguerre**
 [Wan24]. **Landau** [AFKL21]. **Langevin**
 [BRK25, BP24, CHS22]. **Langevin-simulated**
 [BP24]. **Laplace** [GLFN20, Reu22]. **Laplace's**
 [KR25]. **Laplacian** [FMP21, HLZZ21, RS24].
Laplacians [BNWX23]. **Large**
 [LL20, MS25b, Li22b]. **Large-scale** [MS25b].
lattice [BKS25, CKNS21, DGS22, God26, NS23].
lattices [HJ20, KMNN21]. **Laurent** [PNR25]. **law**
 [GCO22]. **laws**
 [AV25, BAL21, DM24, HJLW20, PSW25]. **Lawson**
 [ZYYZ25]. **Lax** [Chu25]. **layer** [CWS26, DE25].
layer-upwind [CWS26]. **LDG** [CWS26]. **leading**
 [CF23]. **leapfrog** [GMS21]. **Learning**
 [FKRT24, FMZ23]. **Least**
 [BNPP20, Car20, HNP22, HX24, MS25a, MNST20].
Least-Squares [BNPP20, Car20, HNP22]. **left**
 [BBERPC24]. **Legendre** [CX25]. **Lehman** [Hit21].
Lemma [CD23]. **lemniscates** [LP25]. **less** [Fla21].
letters [Ros20]. **level** [GdLL25, LX22, PSY20].
Levenshtein [BDH⁺21]. **Levin** [WX22]. **Lévy**
 [SSX26, SW25]. **liar** [FS20]. **Lie**
 [BJT20, BCJ23, CEFO20, CSS24, JLOS25].
Lifshitz [AFKL21]. **lifted** [BDH⁺21]. **lifting**
 [BV24, Mas20]. **like** [ZZY23]. **limit**
 [BCHR20, HLS21, LS21]. **limited** [LYZ24, MS20a].
Line [dSKJV23, BBK⁺24, Coe24]. **Line-search**
 [dSKJV23]. **Linear** [CL25, AP24, AMP22, BLM25,
 BCHR20, BBM21, BGMS23, CH24a, CT22c,
 DGSW22, FSTW25, HJQ23, HLZ23, KBPS21,
 LS23, LQW21, LM22, Tra25, MIJR21, MV24a,
 PP20, SSX26, Ste21, WLSZ23, YCQ20, dCIDV24].
linearization [HW20]. **linearizations** [De 20].
linearized [LZMW20, ZZY23]. **linearly**
 [AFKL21, ZWZ20]. **lines** [GSY23, vLW23].
Lipschitz [BNWX23, LC22, ZZY23].
Lipschitz-like [ZZY23]. **lists** [Ros23]. **Littlewood**
 [BGPW21, HJ21, LdCS⁺21]. **Local**
 [Sun21, CH24a, CJS23, FSTW25, GMS21, HJLW20,
 LZMW20, TXS20, TCLS25, WLSZ23, XKLW23].
localization [HP23, OR23, PNR25]. **Locally**

[LL24, CSX23, Li22a, MS22]. **locus** [BK23a]. **log** [HH22]. **log-log** [HH22]. **logarithm** [GKL⁺21]. **logarithmic** [KZ23]. **logarithms** [MV24a]. **lognormal** [CM23]. **Long** [FMS24, BFS22, BCF23, CRS22, LV20]. **Long-time** [FMS24, BFS22, BCF23]. **loss** [WY22b]. **losses** [TFD25]. **Love** [DD23, FH25]. **Low** [BHL24, GHS23, HLS21, JLOS25, LS25, QMSZ25, SWZ21a, BEKU21, FMS24, KNZ25, ORS22, WZ22, YEHS25]. **Low-rank** [GHS23, QMSZ25, BEKU21, KNZ25, YEHS25]. **Low-regularity** [LS25, SWZ21a, FMS24, WZ22]. **lower** [Gal23, OSS25]. **LSOS** [dSKJV23]. **lumping** [VSB26]. **Lyapunov** [BST21, GAHW21].

MAC [BGH⁺23]. **Mach** [HLS21]. **Magnus** [CEFO20]. **Mahler** [FP22, LP25, TG25]. **majorized** [ZWZ20]. **Mandelbrot** [LwaabAL21]. **manifold** [HLR23]. **manifolds** [CEOR20, MZ21, SLN23]. **Manin** [AFPwaabAVS22]. **many** [HJ24, OS21, Ula24]. **map** [AE25, HS25a]. **maps** [AAP22, ABP25, BGMS23, ELM⁺24]. **Marcinkiewicz** [EG24]. **marginal** [ACEL21, FP25]. **marking** [Car20, PP20]. **Markov** [DMM20, LX25]. **Markov-modulated** [LX25]. **Mass** [VSB26, KHR23, WLF25]. **mass-conserving** [WLF25]. **massively** [AHPS20]. **materials** [CHV24]. **matrices** [ALPS25, AFPwaabAVS22, CGT25, FRS25, GP24, LÖS20, Bör25, Li25]. **Matrix** [PSS25, ABD20, BDM24, CS23, DK23, DH20, Hua20, MM21, MS24, OW20, PNR25, XB24, Zim21]. **matrix-fracture** [BDM24]. **matrix-valued** [OW20]. **maximal** [BA22, DIS23, KK20]. **maximization** [XB24]. **Maximum** [Li22a, HJQ23, LL21, LQXY24]. **Maximum-norm** [Li22a]. **Maxwell** [LX22]. **mean** [EGL24, YLLO24]. **means** [PO23, PO24]. **measure** [BHK⁺25a, LP25]. **measure-transport** [BHK⁺25a]. **measures** [BCM⁺24, Fla21, GCO22, TG25]. **measuring** [HR25]. **media** [BCFM25, MV22, PV20, RSM22, SW21]. **median** [EGL24, PO23, PO24]. **median-of-means** [PO24]. **mediants** [DKS25]. **membrane** [COSS26].

meromorphic [BNPP20]. **mesh** [Li22a]. **meshes** [DD23, Han23, HLR23, Kop21, LYZ25, SX21]. **metabelian** [KLM20]. **Method** [CH20, AGdS22, ASZ23, ACS21, AHHT23, BL25a, BBP24, BL25b, BLM25, BLMM⁺23, BCM⁺24, BFO20, CLY23, COSS26, CHV24, CFS21, CS25, CLT22, CT20, CHW20, CSX23, CJS23, CWS26, CZ25, CEHT23, DES22, DLL21, Dua21, DSS23, FMP21, FP20, FSTW25, GI23, GS22, GSTZ22, GMS21, GG24, HLZZ21, HMXY23, Hit21, HY25b, HJS24, Hua20, IGMS23, JZCH24, JW25, JKK21, KHR23, KÇR23, Kop21, Li22a, LQT22, LX22, LD20, LDHS23, Sun25, Reu25, MIJR21, MNST20, ORS24, OW20, PSW25, Rie23, SH21, SSX26, Ste21, TXS20, TCLS25, WLL21, WLF25, XB24, YLLO24, ZMZW23]. **methods** [AHPS20, BCY20, BFS22, BCF23, BW24, Bar21, BT22, BCCET22, BRK25, CDG22, CH24a, Car20, CS23, CEOR20, CYB⁺21, CX24, CM23, FRS25, FTY24, Gal23, GHPS21, GM21, GS23, GKMV25, GO20, HW20, HLMT21, HP21, HJLW20, HLLM25, Kho20, KMRB25, Kir20, KG21, KPW21, LvBV25, LL21, LZMW20, Li21, LSL22, LN22, Li22b, LLZ23, LYZ24, LQXY24, LMS25, LYZ25, ILW25, Wan25, MSS24, Not20, PSS25, QESS24, Reu22, SX21, WX22, WLSZ23, YCQ20, dSKJV23]. **metric** [BKKS24, HLR23, TJW25]. **metrical** [DKS25]. **million** [Hul22]. **Minimal** [MSS24, CW23, FJRR21, PP20]. **Minimality** [AC22, BGM22]. **minimax** [ZYYZ25]. **Minimization** [BRS24, ES24, GAHW21, BK23b, BKM20, BLM23, BLM24]. **minimum** [DH20]. **miscible** [SW21]. **Mixed** [FH25, Gal23, Bar20, BDM24, BHL24, CH25a, CZ25, GKS22, GHS23, HY25b, LS23, LS24, LvBV25, Li21, SW21, WZSP21]. **mixed-dimensional** [BDM24]. **mobility** [HJQ23]. **Möbius** [ABD20]. **mod** [Fre23]. **model** [BDM24, GCL23, HPR24, HS21a, KZ22, WLF25, YEHS25]. **Modelling** [FMZ23]. **models** [FKRT24, GHM24, HY25b]. **modifications** [Zim21]. **Modified** [CHV24]. **Modified-operator** [CHV24]. **Modular** [HJ24, MS20c, AKMJ⁺24, BS22, BKS23, BMR24, Box21, CCG20, CT22c, LwaabAL21, MR23, NV23, NO24, Rak24]. **modulated** [LX25]. **modulation** [EG24]. **module**

[WG20]. **modules** [CL26]. **moduli** [BK23a]. **modulo** [MS20b, MS24]. **Møller** [XLL24]. **moment** [Kir20]. **moments** [ACEL21]. **Monge** [GT23, QT20]. **monic** [BDOV20]. **Monochromatic** [GKW24]. **monomial** [BGO24]. **monotone** [AK24, BBM21, CHEF24]. **Monte** [BRK25, CLY23, HW21, HKS21, KPW21, MS25b, SSX26]. **Montgomery** [CMR25]. **Mordell** [Box21]. **Mori** [BKR20]. **morphisms** [BLH22]. **Motion** [QESS24, EGL24, LX25]. **moving** [GEL24]. **multi** [CX24, CEHT23, ERS21, HLLM25, WGMZ25]. **multi-agent** [CEHT23]. **multi-block** [HLLM25]. **multi-dimensional** [CX24, WGMZ25]. **multi-precision** [ERS21]. **Multidimensional** [SiTiY20, BST21, GPS24, PO24]. **Multilevel** [Füh22]. **Multiple** [BY24, HJLZ20]. **Multiple-scattering** [BY24]. **multiplication** [DIS23, Har24, Bör25]. **Multiplicative** [LwaabAL21, BP24, HS23]. **Multiplicities** [CDM⁺20]. **Multiplicity** [GdLL25]. **multipliers** [LDHS23]. **multiprojective** [HLRS21]. **multiquadratic** [KK21]. **multirate** [AGdS22]. **multiresolution** [KBL21]. **Multiscale** [Li25, MV22, HP23]. **multivariate** [CKNS21]. **Müntz** [CX25]. **must** [Ros20].

Nagao's [KMwaabAVS23]. **natural** [FP20, Li21]. **Navier** [BLMM⁺23, BGH⁺23, GS22, HHZ23, KHR23, KÇR23, LSL22, MLR22, ORS24]. **Near** [CM23, AGY21, KZ23]. **near-colliding** [AGY21]. **Near-optimal** [CM23]. **nearness** [TJW25]. **negative** [DST23, Füh22, MSS24, SvV20]. **neither** [Sun25]. **NEPv** [LL24]. **Nernst** [LWW⁺21]. **Néron** [vBHM20]. **nested** [DGM20, JW25]. **nets** [PO23, PO24]. **network** [DM24, GHM24]. **networks** [DE25]. **Neumann** [Li22a]. **neural** [DM24, DE25, GDST26]. **neutrino** [YEHS25]. **Newman** [HJ21]. **Newton** [CSX23, ZC21]. **Newton-type** [ZC21]. **Newtonian** [FOS22]. **Newton's** [Zen23]. **Nicolson** [BBV21]. **Nitsche** [GS22]. **NLS** [ORS22]. **no** [Wal99, Wal21]. **nodal** [AAP22]. **node** [BLM25]. **node-conservative** [BLM25]. **nodes** [AGY21]. **noise** [BP24, GGKO23, HS23]. **Non** [SJ24, AHPS20, CYB⁺21, DIS23, DK21, FOS22,

JO23, LC22, Li25, MX26, MS20c]. **non-archimedean** [MX26]. **Non-centered** [SJ24]. **non-conforming** [CYB⁺21]. **non-Euclidean** [DK21]. **non-harmonic** [Li25]. **non-hyperelliptic** [DIS23]. **non-Lipschitz** [LC22]. **non-Newtonian** [FOS22]. **non-overlapping** [AHPS20]. **non-separable** [JO23]. **non-split** [MS20c]. **Nonconforming** [CH20]. **noncongruence** [BMR24]. **nonconvex** [JZCH24, JW25, Li22a, dSKJV23]. **nondivergence** [Tra25]. **nonergodic** [LZ25]. **Nonexistence** [BJT20]. **nonfree** [BK23a]. **nonisolated** [Zen23]. **nonisothermal** [COSS26]. **nonlinear** [BFS22, BCF23, BW24, BAL21, CT22a, COS25, FMS24, GKMV25, HW20, HX24, HPW20, JKK21, KR22, LMY21, LD20, MV22, Nic24, PNR25, SWZ21a, WZ22, WY22b, ZCL⁺22]. **nonlinearity** [BFS22, BW24]. **Nonlocal** [AV25, LQW21, WZZ22]. **nonmatching** [HY25b]. **nonnormal** [Not20]. **nonrelativistic** [BCY20]. **nonsmooth** [Bar21, JZCH24]. **nonsurjective** [Fre23]. **nonsymmetric** [KZ22]. **nontrivial** [GdLL25]. **nor** [Sun25]. **Norm** [HKY22, CWS26, FW20, HHY20, LS23, Li21, Li22a, TJW25]. **Normal** [CH25a, BNPP20, DES22]. **Normal-normal** [CH25a]. **norms** [CL26, FR22, Füh22, HR25, MSS24]. **note** [DS21, QT20]. **novel** [LDHS23, QMSZ25]. **Novikov** [TCLS25]. **null** [BGPW21]. **number** [BS24, DK23, DH20, DK21, EPR21, EHP22, FS22, HHZ23, HJ21, HLS21, JST22, KK21, LR21, Li25, MS24, PT21, Rüd22]. **number-theoretic** [LR21]. **numbers** [BCM21, BK22, CT22b, CW23, CHL22, GPS24, MS20b, MOT21, Rüd22, Sgo23, TG25, WG20, XXX25, CHL24]. **Numerical** [BBP24, BDM24, BBL20, BSW23, CLY23, CYB⁺21, CKMS26, DE25, GLFN20, Kir20, LdCS⁺21, LS20b, MIJR21, Nic24, AV25, AHHT23, BCCET22, BKKS24, BBDM26, BAFG20, BA24, CFS21, CHEF24, CLT22, CT22b, CX24, CHS22, GK26, GWWZ24, HLRS21, LZMW20, LQW21, LMY21, LWW⁺21, MS20a]. **Nürnberg** [BL25a]. **Nyström** [BRK25].

objective [BLM24]. **oblique** [BBV21]. **obstacle** [DLL21]. **obstructions** [BVA20]. **octagon** [BA22].

Odd [BVA20, FM20]. **ODEs** [GDST26]. **OEDG** [PSW25]. **one** [GJL⁺24, Har21, HH22, HHY20, HKY22, Sun25, PO23, YCQ20, Zim21, vLW23]. **one-fifth** [Har21, HH22]. **onto** [NS23]. **operator** [CHV24, DST23, GSTZ22]. **operators** [BNPP20, BBM21, Col20, DSS23, Sun25]. **Optimal** [BZ24, CX24, CWS26, EGH25, LMS25, SX21, WLF25, YCQ20, ACEL21, Car20, CSX23, CM23, DGS22, FMP21, FP25, GKS24, HNP22, KZ22, Lav21, Li21, MS22, TY25, WY22a, XXX25]. **optimality** [GHPS21]. **optimization** [CMR25, CHW20, DGS26, GDST26, HLLM25, JZCH24, JW25, LDHS23, LZ25, QH22, SLN23, dSKJV23]. **Order** [CH20, FMZ23, AP24, AFKL21, AHPS20, BKRS20, BVA20, BBM21, CH24a, CFS21, EH20, FSTW25, Füh22, GKS22, GSW23, HR25, Han23, HPR24, HJLW20, HJQ23, Hul22, JCWH21, Kop21, LYZ24, LNW25, Tra25, Sun25, Wan25, NS23, PS21, Sgo23, SvV20, TXS20, WZZ22, WY22b, XLL24, dSKJV23]. **Orderly** [LÖS20]. **ordinate** [SH21]. **Orientable** [MZ21]. **Orthogonal** [OX20, NS23, OW20, RS23, Zim21]. **orthogonality** [Fei22]. **Oscillation** [PSW25]. **Oscillation-eliminating** [PSW25]. **oscillatory** [GI23, WX22, WW24, WGMZ25]. **outlier** [VSB26]. **overall** [GHPS21]. **overlapping** [AHPS20]. **overpartition** [WY23].

packing [CT22c, dCIDV24]. **packings** [BKK24]. **Padeé** [BNPP20]. **pair** [CMR25, XB24, QH22]. **pairs** [Hua20, TY25, WDM20]. **parabolic** [AMU21, BEKU21, BBV21, CNV21, DSW22, KK20, Kir20, Kop21, MNST20, WY22a]. **parallel** [AHPS20, FKRS21, HMY23]. **parameter** [BEL25, COS21, FMZ23, KBPS21]. **parameter-dependent** [BEL25, KBPS21]. **parameters** [HXDM24]. **parametric** [BL25a, BL25b, DM24, HPR24, SJ24]. **parametrized** [FS22]. **paramodular** [DPRT24, PSY20]. **Part** [YEHS25]. **Partial** [CH20, DE25, FMZ23, SJ24]. **particle** [CS25, FKRT24, HPR24]. **particle-based** [HPR24]. **partition** [WY23]. **partitions** [BGPW21]. **patchwise** [CFEV22]. **patterns** [SW20]. **PDE** [Tra25]. **PDEs** [BBV21, COS25, CM23, EH20, HPW20, Kir20, LLZ23, ORZ21, SSX26, TXS20]. **Pell** [Wal21, Wal99]. **penalty** [Ley21, ZMZW23]. **perfect** [Hul22]. **Periodic** [BCM21, Col20, NS23, XLL24]. **periodicity** [MT20, WD24]. **periods** [LPPV24]. **permutation** [CC25]. **permutations** [ELM⁺24, WpL20]. **Perron** [MT20]. **perturbation** [XLL24]. **perturbed** [CJS23, HKLP23]. **Pezzo** [vLW23]. **phase** [XXX25]. **phaseless** [Sun21]. **Picard** [AFPwaabAVS22]. **piecewise** [BCFM25, FGN20, IGMS23, WH24]. **piecewise-smooth** [IGMS23]. **Pitaevskii** [CLLZ25, CKMS26, HW22]. **PL** [CYB⁺21]. **planar** [AP24, HLR23, HS25a]. **Planck** [AHHT23, LL20, LWW⁺21, SW25]. **plane** [BDS20]. **planes** [Pul20]. **planning** [YLLO24]. **plate** [FH25]. **plates** [DD23]. **Plesset** [XLL24]. **POD** [CKNS21]. **Pohst** [BM25]. **point** [EH20, EGH25, HKLP23, JCWH21, LD20]. **points** [AKMJ⁺24, BKPU24, Box21, FS24, HJ24, Wan25, Mas20, NV23, Rak24, TG25, Ula24]. **Pointwise** [Ley21, XKLW23]. **Poisson** [ACS21, BS23, BCJ23, DE25, HP21, HPR24, LvBV25, LWW⁺21]. **polarized** [Mar21]. **polygonal** [DD23]. **polygons** [Li22a]. **polyhedra** [LL21, LQXY24]. **polyhedral** [DS21, Han23]. **Polynomial** [BDOT24, LYZ25, BT22, CFEV22, CF23, EPR21, EV20, FW23, FS22, FGN20, HJLZ20, HG26, KRRZ20, Lap20, Sun25, PSS25, PO23, PO24, SLN23, WDM20]. **polynomial-degree-robust** [CF23, EV20]. **polynomial-time** [KRRZ20]. **polynomials** [ABD20, AFPwaabAVS22, BGPW21, CL26, CX25, FS24, HJ21, KNT21, Kho20, LwaabAL21, MSSS23, OX20, RS23, SWZ21b]. **Polytope** [BDM25]. **polytopes** [HLLM25]. **polytopic** [AHPS20]. **population** [CT22b]. **poroelasticity** [KMRB25]. **poromechanical** [BDM24]. **porous** [SW21]. **posedness** [AV25]. **positive** [Fla21, MM21, WWW21]. **Positivity** [WY23, GGKO23, GWWZ24, LWW⁺21, WLF25]. **positivity-preserving** [GGKO23, GWWZ24, LWW⁺21, WLF25]. **Post** [BKRS20, CEFO20]. **post-Lie** [CEFO20]. **Post-processed** [BKRS20]. **posteriori** [BV23, BM22, CDM⁺20, CNV21, CFEV22, CF23, GK26, KBPS21, MV24b, WY22a]. **postprocessing**

[AFGS23]. **potential** [EN24, EV20, GWWZ24]. **potentials** [MIJR21]. **Power** [BS24, GSW23, GCO22, KNRR22, KRRZ20]. **powers** [MS24]. **practical** [HH20, HKLP23]. **precision** [ERS21]. **preconditioned** [CSX23, LX22]. **preconditioner** [AHPS20, BNWX23]. **preconditioners** [AP24, SvV20, WZSP21]. **preconditioning** [FOS22]. **Preparing** [Chu25]. **prescribed** [FR22, HJ21]. **presence** [MKL21]. **preserved** [BCM⁺24]. **preserving** [AHHT23, BL25b, BLM25, CEOR20, FW23, GGKO23, GWWZ24, HP21, HJQ23, LvBV25, LYZ25, LWW⁺21, LNW25, SW25, WLF25]. **pressure** [BBDM26, LSL22, MLR22]. **pressure-robustness** [BBDM26]. **primal** [JCWH21, JW25, LD20, Wan25]. **primal-dual** [JCWH21, LD20, Wan25]. **primality** [BFW21]. **prime** [CHL22, CHL24, GSW23, KRRZ20, MS24, PT21]. **Primes** [CJdL21, FS21, AF20, BRS23, EHP22, LM26, LMP20, SW20]. **primitive** [GdLL25, JT22, MS25a, BGO24]. **principle** [BVA20, HKY22, HJQ23, LL21, LQXY24]. **principle-preserving** [HJQ23]. **priors** [HKS21]. **probabilistic** [SWZ21b]. **probing** [FRS25]. **problem** [ACS21, BBGS22, BBL20, BMP21, BHL24, CLY23, CFEV22, CF23, CLLZ25, CJS23, CMSV24, DD23, DLL21, Fla20, GH22, GSTZ22, GG24, GDST26, HHY20, HX24, KR22, KR25, KLM20, Kop21, LvBV25, Li22a, LX22, OSS25, PP20, RS23, SY23, TJW25, WGMZ25, ZC21, ZYYZ25, ZMZW23]. **problems** [ACEL21, AMU21, BEKU21, BM22, Bar21, BK23b, Ben22, BCFM25, BNPP20, CHW20, CSX23, CWS26, DSW22, FSTW25, GK26, GGS23, GKMV25, HP23, HW20, HKS21, HKLP23, HLLM25, HLZ23, JCWH21, JKK21, KR25, KK20, Ley21, ILW25, LM22, MNST20, SvV20, SJ24, WY22a, ZCL⁺22]. **procedure** [CF23]. **process** [SSX26]. **processed** [BKRS20]. **processes** [COS25, FKRT24, LL20]. **product** [BHKS25, DS20b, PSY20]. **products** [AF20, BRS23, ERS21]. **program** [BCDF25]. **programming** [CJdL21, CT22c, HMX23, ZWZ20, dCIDV24].

programs [LD20]. **progression** [AF20, LM26]. **progressions** [CJdL21, EHP22, GKW24]. **projection** [ABP25, DOS20, MR20]. **projection-based** [MR20]. **projection-free** [ABP25]. **projections** [DS21, NS23]. **projective** [DS20b, LPPV24]. **Prolog** [CSS24]. **Prony** [AGY21]. **proof** [FP25]. **propagation** [LRY20]. **Properties** [TFD25, CX25, MKL21]. **property** [LYZ24]. **Prouhet** [CMSV24]. **proximal** [JZCH24, YLLO24, ZWZ20]. **Pseudoergodic** [Col20]. **pseudoprimes** [FS20]. **pseudorandom** [MS20b, MS24]. **pseudospectra** [CGT25]. **PSW** [BFW21]. **punctured** [BBK⁺24]. **Pythagorean** [KR20].

quadrant [LRR23]. **Quadratic** [ABP25, Box21, MM21, NV23, AKMJ⁺24, BNP24, BCM21, BV24, BK22, CIK⁺25, FS24, GG24, JST22, MSSS23, OX20, Pag22]. **quadratically** [Zen23]. **Quadrature** [EMS26, BKPU24, EG24, Not22, RSM22, SH25, WW24]. **quantile** [HW21, THW25]. **quantum** [Chu25]. **quartets** [XB24]. **quartic** [HJ24]. **Quasi** [FMP21, HKS21, Li21, DH20, Fei22, HW21, IGMS23, KZ22, KPW21, MM21]. **quasi-Cartan** [MM21]. **Quasi-Monte** [HKS21, HW21, KPW21]. **Quasi-optimal** [FMP21, Li21, KZ22]. **quasi-orthogonality** [Fei22]. **quasi-tight** [DH20]. **quasi-Trefftz** [IGMS23]. **quasilinear** [CHEF24]. **quaternion** [QMSZ25]. **Quinary** [DPRT24]. **quintic** [Ula24]. **quotient** [BKS23].

radial [HR25]. **radiative** [DGM20, SH21]. **Ramanujan** [GM24, LR21]. **random** [BEL25, DK23, GG24, HRR25, KS20, LC22, WpL20]. **Randomized** [BRK25, KRRZ20, DGS22, LS20a, God26, PO23, PO24, Ste21]. **Randomizing** [GKS24]. **range** [LRR23]. **rank** [BEKU21, BDOV20, DGS22, FJRR21, GHS23, HMX23, KNZ25, KMNN21, QMSZ25, YEHS25, Zim21]. **rank-** [KMNN21]. **rank-1** [DGS22]. **rank-one** [Zim21]. **rank-two** [HMX23]. **Rate** [GHPS21, AL20, DGS22, FMP21, GKS24, LZ25]. **rates** [BEL25, Car20, CL25, ILW25, SWZ21b]. **ratio** [SH22]. **Rational** [AL20, BGO24, BLH22, BDS20, CS23, DGJ20,

FS24, KR20, Rak24, Ula24, WG20, ZYYZ25].
Rationality [HHY20]. **Raviart** [ST23, CS22, HM22]. **reaction** [CWS26, HLZZ21].
reactive [Zha22]. **real** [EPR21, LV22, Pag22, Sun21]. **realizations** [GEL24]. **recognize** [FP22]. **reconstruct** [HS25a].
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reduction [Dem22, HPR24, JZCH24, Lap20, ZCL⁺22].
reductions [Sgo23]. **Refined** [BBK⁺24, EMS26, Li22a]. **reflection** [BKK24].
regime [BCY20, CRS22]. **regular** [DKS25, DMM24, FP22]. **regularisation** [KR25].
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regularization [EN24, LC22]. **regularized** [GT23, Wan25]. **regulators** [BM25]. **relations** [Bar21]. **relative** [DGS26, Hua20]. **relaxation** [HS21b, HS25b, HLZ23, LLZ23, LD20, YEHS25].
relaxed [HMX23]. **removal** [VSB26]. **repetitive** [DOP23]. **representation** [HG26].
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reproducing [KOG21]. **resectioning** [CDLT25].
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reversion [GH22]. **Revisiting** [ZZY23].
revolution [OX20]. **Reynolds** [HHZ23]. **Rham** [CH24b]. **Rice** [FS22]. **Richards** [MV24b].
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roots [PNR25]. **rotating** [HY25a]. **rough** [AV25, LS25, RS24]. **rounding** [MKL21]. **rule** [GKS24, God26, WGMZ25]. **rules** [DGS22, EMS26, NS23, WW24]. **Runge** [BRK25, FTY24, HS25b, LLZ23, ILW25, Sun25, WLSZ23].
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Schinzl [LP25]. **Schinzl-type** [LP25].
Schrödinger [BCF23, BW24, DSS23, FMS24, PYAT21, WZZ22, WY22b]. **Schubert** [LdCS⁺21].
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second-order [CH24a, CFS21, HJQ23, Wan25, WZZ22, dSKJV23].
sectional [DK21]. **seeds** [BA24]. **Segel** [WLF25].
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Selmer [BBK⁺24]. **Semi** [AMU21, BW24, HS23, LQW21, SSX26, YCQ20, FM20]. **Semi-explicit** [AMU21]. **semi-implicit** [HS23, LQW21].
semi-Lagrangian [YCQ20, FM20]. **semi-linear** [SSX26]. **semi-smooth** [BW24]. **semidefinite** [CJdL21]. **Semiexplicit** [JO23]. **semigroup** [BAFG20, BA24]. **semilinear** [DL22]. **Sensitivity**

[BLM23]. **separable** [HMX23, JO23, LZ25]. **sequence** [BS23, BLN⁺24]. **sequences** [AB20, BHKS25, DMM24, DOP23, FGN20, GLN22]. **Series** [GH22, LwaabAL21, LV20, PNR25]. **Serre** [Dua21]. **set** [AMV22, BDF21, GM25b, GG24, XXX25]. **set-theoretic** [AMV22]. **sets** [WDM20]. **settings** [CT22a]. **several** [WD24]. **sextic** [DGJ20]. **Shape** [CD23]. **shaped** [CDG22]. **Sharp** [HLZZ21, Nak20, Doe22]. **Sharper** [BKL⁺21]. **shifted** [ACS21, CGT25]. **shifts** [GK26]. **shocks** [GK26]. **short** [BK24, MS20b]. **shortening** [BL25a]. **shortfall** [HW21]. **Siegel** [Fla20, OSS25]. **sieve** [GPS24, Hel20]. **sign** [GKPR25, Hua20, CLY23]. **simple** [BR21, CF23, CSS24, GG24, HJLZ20]. **simplex** [GI23, LYZ25]. **simulated** [BP24]. **simulation** [CKMS26, Chu25]. **simulations** [MS25b]. **simultaneous** [BMP21, Wal99, Wal21]. **single** [LRR23]. **single-quadrant** [LRR23]. **singular** [FP22, Hua20, Nak20, WX22, XB24]. **singularity** [KZ23]. **singularly** [CJS23]. **Six** [dCIDV24]. **Six-dimensional** [dCIDV24]. **size** [HMX23, Ros22, XLL24]. **Sketched** [PSS25]. **slice** [BDM25]. **sliced** [TFD25]. **slip** [GS22]. **small** [BM25, BA22, HHY20, PS21, WWW21]. **smallest** [BBKP24]. **Smolyak** [WGMZ25]. **smooth** [BW24, BCFM25, FGN20, IGMS23, KK20]. **Smoothed** [EPR21]. **smoothing** [LYZ24]. **smoothness** [EMS26, GKS22, GHS23]. **Smyth** [Fla20, OSS25]. **Sobolev** [CLLZ25, DST23, Füh22, GKS22, GKS24, GHS23, HR25, KNS22, MSS24]. **solution** [BRT23, CHS22, DE25, GHM24, HX24]. **solutions** [AMV22, CMSV24, FLMSS22, FS22, KÇR23, Wal99, Wal21, Zen23]. **solvability** [JKK21]. **solve** [CT20]. **solver** [BY24, LZ25, MNST20]. **solving** [AGY21, BT22, COS25, MIJR21, SH21, Ste21]. **Some** [CCG20, BST21, DGSW22, ERS21, HLS21, KR25, KLM20, LR21, PT22, ZC21]. **SONC** [KNT21]. **Sono** [GPS24]. **source** [DGM20, EN24, QT20]. **Space** [MNST20, BK23a, CH25b, EV20, Hit21, HY25b, IGMS23, KHR23, KÇR23, YCQ20]. **space-time** [HY25b, IGMS23, KHR23, KÇR23]. **spaces** [BJT20, DST23, DK21, DOS20, EG24, Füh22, GKS22, GKS24, GSY23, GHS23, KOG21, KPW21, LS20a, LM22, NS23, Sun21]. **Spanning** [KNRR22]. **Sparse** [BB23, COS25, BT22, FRS25, HG26, LC22]. **sparsity** [EN24]. **spatial** [GHM24, OR23, TXS20]. **specific** [AC22]. **spectra** [DMM20]. **Spectral** [FW20, GGO20, BFS22, BGPW21, DH20, DSS23, GP24, HLZZ21, MS22]. **spectral-null** [BGPW21]. **spectrum** [HS21a]. **speed** [FM20]. **speedup** [HH22]. **sphere** [BKK24, CT22c, LC22, dCIDV24]. **Spherical** [KR20, BDH⁺21]. **spline** [Sun21]. **Splines** [BHKS25, EMS26]. **split** [MS20c]. **splits** [CZ25, FGN20, GLN22]. **Splitting** [BCJ23, LZ25, BCY20, BFS22, BCF23, BW24, BBV21, CHS22, EH20, HMX23, JLOS25, LYZ24, ORS22]. **SPOD** [CKNS21]. **square** [Gos20, Mar21]. **square-free** [Mar21]. **Squares** [BNPP20, Car20, HNP22, HX24, Lap20, MNST20, Ros20, Ros22]. **Stability** [BR21, Bar20, Ben22, BBDM26, DOS20, FM20, GS23, GS20, HS23, KK20, LQT22, PYAT21, WZZ22, XXX25, BCFM25, CS25, Coe24, Fei22, FP20, GCL23, HKLP23, HX24, LMY21, Li22a, LSL22, Sun25, ORZ21, ST23, WLSZ23, MLR22]. **stabilization** [CZ25]. **stabilization-free** [CZ25]. **Stabilized** [GMS21, AGdS22, BL25a, JKK21, LQW21]. **Stable** [CFEV22, EV20, CNV21, CS22, GM21, Li22b, LWW⁺21, SSX26, WX22, WLF25, Zha22]. **stage** [Sun25]. **staggered** [HLMT21, HLS21]. **standard** [BJT20]. **states** [HY25a]. **stationary** [Wan25]. **statistics** [CT22b, ELM⁺24]. **Stein** [CS25]. **Steiner** [BBL20]. **step** [HMX23]. **stepping** [BBP24, GMS21, HJLW20, Li22b]. **Stickelberger** [BK24]. **Stiefel** [SLN23]. **stiff** [AGdS22, HS21b]. **still** [Ros20]. **Stirling** [CT22b]. **Stochastic** [GO20, JZCH24, JW25, KL23, LM22, Sog20, BV23, BCJ23, CHS22, FRS25, HJS24, HS23, KNZ25, Kir20, LMY21, LMS25, SWZ21b, dSKJV23, AK24]. **Stokes** [BLMM⁺23, ASZ23, BGH⁺23, CH24b, DOS20, GS22, GWWZ24, HHZ23, Han23, KHR23, KÇR23, LSL22, LMS25, Reu25, MLR22, ORS24, ST23]. **Strang** [BBV21]. **strategies** [VSB26]. **strategy** [QMSZ25]. **Strengthening** [BFW21]. **stresses** [CH25a]. **Strictly** [Zha22, GG24]. **Strong** [LMY21, LNW25, OR23]. **strongly** [BGO24].

Structure [HP21, AHHT23, BL25b, BNPP20, CZ25, GS23, JZCH24]. **structure-adapted** [JZCH24]. **structure-aware** [GS23]. **Structure-preserving** [HP21, AHHT23, BL25b]. **structured** [EPR21]. **structures** [KL23, WLL21]. **study** [LV20]. **subdiffusion** [BM22, LYZ24]. **subdivision** [CYB⁺21, KBL21]. **subgroups** [BMR24, LMP20, MS20c]. **Subresultants** [CD23]. **subsamped** [BKPU24]. **subsequences** [MS20b]. **Subspace** [CHW20, GGO20, GHM24, GO20, PSS25, Zim21]. **subspaces** [HRR25]. **sum** [Lap20, MKL21]. **sum-up** [MKL21]. **sums** [BPT21, BKS25, dSKJV23]. **sup** [CS22, Fei22, ORZ21, ST23]. **Super** [BCY20, HP23, PO23, PO24]. **Super-localization** [HP23]. **Super-polynomial** [PO23, PO24]. **Super-resolution** [BCY20]. **Supercloseness** [CJS23]. **Superconvergence** [BBV21, HW22, XKLW23, YCQ20]. **superconvergent** [WLL21]. **Superelliptic** [OS21]. **superpositions** [LRY20]. **surface** [BL25b, Reu25, ORZ21, OX20, Reu22]. **surfaces** [BVA20, CCG20, Dem22, DS20b, FKRS21, ORS24, vLW23, SF25]. **swarming** [FKRT24]. **Swinerton** [KMwaabAVS23]. **Swinerton-Dyer** [KMwaabAVS23]. **Sylov** [LMP20]. **Sylvester** [PSS25]. **symbols** [Ros22]. **symmetric** [BDOT24, BCCET22, BMP21, CH25a, CH22b, CSX23, CH25b, FW20, FRS25, Kho20, LS23, LS24, MS25b, WZ22]. **symmetric-conjugate** [BCCET22]. **symmetry** [BKR20]. **symplectic** [HPR24, JO23]. **system** [AGY21, BLMM⁺23, BL21, CS25, FLMSS22, GWWZ24, LS25, LWV⁺21]. **systems** [BT22, BCJ23, CLT22, DGSW22, EPR21, FP22, FS22, GM21, HJLZ20, HP21, HS21b, HS25b, HLZ23, JO23, PS21, Ste21]. **syzygy** [GLNY20].

tables [MS25b]. **tailored** [BLM23]. **Tamagawa** [Rüd22]. **Tamed** [Coe24]. **tangency** [DGS26]. **tangential** [ORS24]. **tangents** [IL23]. **Tarry** [CMSV24]. **Tate** [vBHM20]. **Taylor** [GS23, Reu25, ORZ21]. **tensor** [BGV24, BHKS25, CH25b, DS20b, FW20, QMSZ25, SLN23, ZC21]. **tensors** [CH22b]. **tent** [DGSW22]. **tent-based** [DGSW22]. **tents** [GS23]. **Terao** [BK23a]. **term** [DGM20, EN24, GKW24, PT21]. **terms** [NS23, QT20, ZWZ20]. **ternary** [AC22, BK22]. **test** [BFW21]. **tests** [BB23]. **tetrahedra** [KR20, MR20]. **th** [CH20]. **their** [HSS21, PNR25]. **theorem** [GLNY20, PT21, BLH22]. **theoretic** [AMV22, LR21]. **Theory** [GK26, BHK⁺25a, DKS25, KNT21, XLL24, vBHM20]. **thermal** [GGKO23]. **Thermodynamically** [GGKO23]. **theta** [MX26]. **thin** [GGKO23]. **thin-film** [GGKO23]. **three** [BGMS23, CH22b, CH22a, CH24b, Dua21, EV20, HL21, MV24a, Ros22, WZSP21]. **three-dimensional** [WZSP21]. **threefolds** [Ula24]. **threshold** [DOP23]. **thrice** [BBK⁺24]. **thrice-punctured** [BBK⁺24]. **tight** [DH20]. **Time** [CRS22, CDZ22, RSM22, BBP24, BM22, BCY20, BFS22, BCF23, BW24, BY24, CH24a, FMS24, FSTW25, GMS21, HW22, HKM25, Hit21, HJLW20, HY25b, IGMS23, KHR23, KÇR23, KRRZ20, LS21, LV20, LL20, Li22b, MNST20, WLSZ23]. **time-dependent** [FSTW25, KHR23]. **time-fractional** [BBP24, BM22]. **time-space** [Hit21]. **time-splitting** [BCY20, BFS22, BCF23, BW24]. **time-stepping** [BBP24, GMS21, Li22b]. **tolerance** [GO20]. **tomography** [BZ24, QESS24]. **too** [Zen23]. **toolkit** [HLRS21]. **tools** [DS20a]. **topography** [BL21]. **topology** [ZL20]. **tori** [HHY20, Rüd22, HKY22]. **Toric** [BT22, AMP22]. **torsion** [DGJ20, GJN20, HSS21, Mas20]. **total** [BRT23]. **total-flux** [BRT23]. **Totally** [WWW21, Fla21, LV22]. **tournament** [BBKP24]. **trace** [BB23, CW23, Fla20, FRS25, ORZ21, OSS25, WWW21, XB24]. **tracking** [CKMS26]. **traction** [MIJR21]. **tradeoff** [Hit21]. **transfer** [DGM20, SH21]. **transform** [GLFN20]. **transformations** [ABD20]. **transforms** [LPP21]. **translational** [BKS25]. **transmission** [GSTZ22, GGS23]. **transport** [ACEL21, BHK⁺25a, Coe24, FP25, HLLM25, JKK21, Lav21]. **transport-dominated** [JKK21]. **transportation** [BZ24]. **trapezoidal** [GKS24]. **Trefftz** [DES22, IGMS23]. **Tri** [BGMS23]. **Tri-linear** [BGMS23]. **triangles** [EMS26]. **triangular** [CS22, HLR23]. **Tribonacci** [BLN⁺24]. **triples**

- [KR20]. **Tropical** [IL23, PNR25, AAP22]. **Trotter** [JLOS25]. **truncated** [Har24, PSS25]. **Two** [LN22, SW20, BBK⁺24, CWS26, DE25, EGH25, FP25, GT23, GJL⁺24, Gos20, HMX23, HLZ23, Hul22, LX22, Not20, Wal99, Wal21, ZL20]. **two-dimensional** [CWS26, GT23, Gos20, ZL20]. **two-grid** [Not20]. **two-layer** [DE25]. **two-level** [LX22]. **two-marginal** [FP25]. **two-point** [EGH25]. **Two-scale** [LN22, HLZ23]. **type** [AK24, BL25a, CL25, GK26, Hua20, Kop21, LS25, LP25, Sun25, MV22, MM21, MT22, Not22, QT20, SLN23, WZZ22, ZC21].
- ultra** [CX24]. **ultra-weak** [CX24]. **ultraweak** [FSTW25, TXS20]. **ultraweak-local** [FSTW25, TXS20]. **unadjusted** [BRK25]. **unanchored** [GKS22]. **Unconditional** [Lav21, GCL23]. **unconditionally** [WLF25]. **unfitted** [LvBV25]. **Unified** [XLL24, BL25b, CZ25, KNT21, LZ25]. **Uniform** [AP24, BFS22, HS25b, LPP21, SH21, SvV20, SW25, WLSZ23, BCF23, HS21b]. **uniformly** [AB20, CLT22, EMS26, Tra25]. **unifying** [DKS25]. **Uniqueness** [HX24, AC22]. **unit** [HJ21]. **unitarily** [LL24]. **units** [BGO24]. **unstructured** [BLM25, SX21]. **updates** [Zim21]. **upon** [GJN20]. **Upper** [Fla21]. **upwind** [CWS26, LL20, SH21]. **UQ** [WGMZ25]. **Using** [BCM⁺24, BS22, BBV21, CT22b, DE25, HRR25, JST22, Kho20, KMNN21, MIJR21, PO23, PO24]. **usual** [Fla21].
- value** [Ben22, KR25]. **valued** [MR23, OW20]. **values** [BKPU24, BRS24, Hua20]. **vanishing** [MKL21]. **variable** [BGH⁺23, FM20, GS20, XB24]. **variables** [BEL25]. **variance** [JZCH24]. **variational** [GNT24, GKMV25, Sog20, SJ24]. **varieties** [BLH22, HLRS21, Mar21]. **vector** [MR23, Reu22, WH24, XXX25]. **vector-Laplace** [Reu22]. **vector-valued** [MR23]. **vectors** [Nak20]. **velocity** [BBDM26]. **Venant** [BL21]. **version** [CDG22, HMX23, MR20]. **versus** [CYB⁺21]. **vertex** [GJL⁺24]. **via** [AAP22, Bar21, COS25, CT22c, CKMS26, DEG22, DGS26, DS20b, GdLL25, LdCS⁺21, Chu25, QMSZ25, QH22]. **video** [QMSZ25]. **Virtual** [CH20, KMRB25, DS20b, ZMW23]. **viscosity** [BGH⁺23, FLMSS22]. **Vlasov** [HPR24]. **Vologodsky** [Kay22]. **Volterra** [AK24]. **volume** [BLM25, BLMM⁺23, BAL21, BCHR20, EGH25, HLMT21, KR20, LYZ25, WLL21]. **vortex** [CKMS26]. **vorticity** [BLM25].
- Wasserstein** [CDZ22, GNT24, TFD25]. **wave** [BKRS20, BY24, BFO20, CRS22, CH24a, DL22, GMS21, IGMS23, SX21]. **Wavenumber** [BCFM25]. **Wavenumber-explicit** [BCFM25]. **ways** [BDM25]. **Weak** [LL21, LQXY24, BFS22, CX24, HLMT21, KÇR23]. **weakly** [AMU21, LS24]. **Weierstrass** [RSS23]. **Weierstrass-Durand** [RSS23]. **weigh** [LS20b]. **weight** [PSY20]. **weighted** [DOS20, EN24, HNP22, KPW21, Ste21]. **weights** [CKNS21]. **Weil** [Box21]. **well** [AV25, BBGS22, Gos20]. **well-balanced** [Gos20]. **well-conditioned** [BBGS22]. **well-posedness** [AV25]. **Westervelt** [BBP24]. **Where** [LS20b]. **whose** [BKM20]. **width** [BA22]. **Wiener** [LX25]. **without** [BKS25, God26, WY22b]. **witnesses** [Sao22]. **words** [Ros22]. **Worse** [GLN22].
- Yang** [AMV22].
- Zakharov** [LS25]. **zeros** [BMOR21, BLN⁺24, BPT21, GdLL25, HJLZ20, HJ21, HSW22, MS25b]. **zeta** [BPT21, HSW22]. **zeta-function** [BPT21]. **Zygmund** [EG24].

References

Abreu:2022:AMN

- [AAP22] Alex Abreu, Sally Andria, and Marco Pacini. Abel maps for nodal curves via tropical geometry. *Mathematics of Computation*, 91(336):1971–2025, July 2022. CODEN MCMPEF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/>

S0025-5718-2022-03717-0;
<https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03717-0/S0025-5718-2022-03717-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Andria%20Sally>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1270337>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=782652>.

Almansi:2020:CUD

[AB20]

Emilio Almansi and Verónica Becher. Completely uniformly distributed sequences based on de Bruijn sequences. *Mathematics of Computation*, 89(325):2537–2551, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03534-0>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03534-0/S0025-5718-2020-03534-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Almansi%20Emilio>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=368040>.

[ABG⁺24]

Anguas:2020:CBE

[ABD20]

Luis Miguel Anguas, Maria Isabel Bueno, and Froilán M. Dopico. Conditioning and backward errors of eigenvalues of homogeneous matrix polynomials under Möbius transformations. *Mathematics of Computation*, 89(322):

767–805, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03472-5>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03472-5/S0025-5718-2019-03472-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1298899>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=664010>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=708591>.

Arul:2024:DIG

Vishal Arul, Jeremy Booher, Steven R. Groen, Everett W. Howe, Wanlin Li, Vlad Matei, Rachel Pries, and Caleb Springer. Doubly isogenous genus-2 curves with D_4 -action. *Mathematics of Computation*, 93(345):347–381, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03891-1>.

Akrivis:2025:QCC

Georgios Akrivis, Sören Bartels, and Christian Palus. Quadratic constraint consistency in the projection-free approximation of harmonic maps and bending isometries. *Mathematics of Computation*, 94(355):2251–2269, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

[ABP25]

- tronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04035-8>. [ACS21]
- Angelini:2022:MUD**
- [AC22] Elena Angelini and Luca Chiantini. Minimality and uniqueness for decompositions of specific ternary forms. *Mathematics of Computation*, 91(334): 973–1006, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03681-9>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03681-9/S0025-5718-2021-03681-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=194958>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=944551>
- Alfonsi:2021:AOT**
- [ACE21] Aurélien Alfonsi, Rafaël Coyaude, Virginie Ehrlacher, and Damiano Lombardi. Approximation of optimal transport problems with marginal moments constraints. *Mathematics of Computation*, 90(328):689–737, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03568-6>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03568-6/S0025-5718-2020-03568-6.pdf>. [AF20]
- Atallah:2021:ASB**
- Nabil M. Atallah, Claudio Canuto, and Guglielmo Scovazzi. Analysis of the shifted boundary method for the Poisson problem in domains with corners. *Mathematics of Computation*, 90(331): 2041–2069, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03641-8>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03641-8/S0025-5718-2021-03641-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1343085>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=44965>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=780205>
- Alzobydi:2025:CAD**
- Khaled Alzobydi and Graham Ellis. Cellular approximations to the diagonal map. *Mathematics of Computation*, 94(352): 953–1002, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03981-9>
- Akbary:2020:EFP**
- Amir Akbary and Forrest J. Francis. Euler’s function on products of primes in a fixed arithmetic progression. *Mathematics of Computation*, 89(322):

- 993–1026, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03463-4>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03463-4/S0025-5718-2019-03463-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Francis%2C%20Forrest%20J.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=650700>.
Awanou:2023:HPF
- [AFGS23] Gerard Awanou, Maurice Fabien, Johnny Guzmán, and Ari Stern. Hybridization and postprocessing in finite element exterior calculus. *Mathematics of Computation*, 92(339):79–115, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03743-1/S0025-5718-2022-03743-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1290444>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=700956>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=775211>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=880437>.
Akrivis:2021:HOL
- [AFKL21] Georgios Akrivis, Michael Feischl, Balázs Kovács, and Christian Lubich. Higher-order linearly implicit full discretization of the Landau–Lifshitz–Gilbert equation. *Mathematics of Computation*, 90(329):995–1038, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03597-8>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03597-8/S0025-5718-2021-03597-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Akrivis%2C%20Georgios>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Feischl%2C%20Michael>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kovacs%2C%20Balazs>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lubich%2C%20Christian>.
Asif:2022:CPP
- [AFPwaabAVS22] Sualeh Asif, Francisc Fité, Dylan Pentland, and with an appendix by A. V. Sutherland. Computing L -polynomials of Picard curves from Cartier–Manin matrices. *Mathematics of Computation*, 91(334):943–971, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03675-3>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03675-3/S0025-5718-2021-03675-3.pdf>; <https://www.ams.org/mathscinet/search/>

authors.html?authorName=Asif%
2C%20Sualah; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pentland%2C%20Dylan>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=852273>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=995332>.

Abdulle:2022:ESM

[AGdS22]

Assyr Abdulle, Marcus J. Grote, and Giacomo Rosilho de Souza. Explicit stabilized multirate method for stiff differential equations. *Mathematics of Computation*, 91(338):2681–2714, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03753-4/S0025-5718-2022-03753-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Abdulle%2C%20Assyr>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1330077>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=360720>.

Akinshin:2021:GEA

[AGY21]

Andrey Akinshin, Gil Goldman, and Yosef Yomdin. Geometry of error amplification in solving the Prony system with near-colliding nodes. *Mathematics of Computation*, 90(327):267–302, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-327/>

S0025-5718-2020-03571-6; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03571-6/S0025-5718-2020-03571-6.pdf>.

Ayi:2023:SPN

Nathalie Ayi, Maxime Herda, Hélène Hivert, and Isabelle Tristani. On a structure-preserving numerical method for fractional Fokker–Planck equations. *Mathematics of Computation*, 92(340):635–693, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03789-3/S0025-5718-2022-03789-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hivert%2C%20Helene>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1080256>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1154786>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1198167>.

Antonietti:2020:ABM

Paola F. Antonietti, Paul Houston, Giorgio Pennesi, and Endre Süli. An agglomeration-based massively parallel non-overlapping additive Schwarz preconditioner for high-order discontinuous Galerkin methods on polytopic grids. *Mathematics of Computation*, 89(325):2047–2083, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03571-6/S0025-5718-2020-03571-6.pdf>.

[AHPS20]

org/AMSMathViewer; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03510-8>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03510-8/S0025-5718-2020-03510-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Antonietti%20Paola%20F.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Suli%20Endre>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1298983>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=635107>. [AKPW25]

Alfonsi:2024:ASV

[AK24]

Aurélien Alfonsi and Ahmed Kebaier. Approximation of Stochastic Volterra Equations with kernels of completely monotone type. *Mathematics of Computation*, 93(346):643–677, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03911-4>.

Adzaga:2024:CQP

[AKMJ⁺24]

Nikola Adzaga, Timo Keller, Philippe Michaud-Jacobs, Filip Najman, Ekin Ozman, and Borna Vukorepa. Computing quadratic points on modular curves $X_0(N)$. [ALPS25] *Mathematics of Computation*, 93(347):1371–1397, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03902-3>.

Auel:2025:CCF

Asher Auel, Avinash Kulkarni, Jack Petok, and Jonah Weinbaum. A census of cubic fourfolds over $\mathbb{F}_2$. *Mathematics of Computation*, 94(354):2089–2112, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04010-3>.

Adell:2020:RAE

José A. Adell and Alberto Lekuona. Rational approximation to Euler’s constant at a geometric rate of convergence. *Mathematics of Computation*, 89(325):2553–2561, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03528-5>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03528-5/S0025-5718-2020-03528-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=340766>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=663604>.

Abrams:2025:EGI

Aaron Abrams, Zeph Landau, Jamie Pommersheim, and Nikhil Srivastava. On eigenvalue gaps of integer matrices. *Mathematics of Computation*, 94(352):853–862, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03905-4>.

Amzallag:2022:DBT

[AMP22]

Eli Amzallag, Andrei Minchenko, and Gleb Pogudin. Degree bound for toric envelope of a linear algebraic group. *Mathematics of Computation*, 91(335): 1501–1519, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03695-9>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03695-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1319513>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=807995>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=948033>.

Altmann:2021:SED

[AMU21]

R. Altmann, R. Maier, and B. Unger. Semi-explicit discretization schemes for weakly coupled elliptic-parabolic problems. *Mathematics of Computation*, 90(329):1089–1118, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03608-X>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03608-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Altmann%20R>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Maier%20R>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Unger%20B>.

Akgun:2022:EST

Ö. Akgün, M. Mereb, and L. Vendramin. Enumeration of set-theoretic solutions to the Yang–Baxter equation. *Mathematics of Computation*, 91(335): 1469–1481, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03696-6>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03696-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Akgun%20O>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=829575>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=870581>.

Ainsworth:2024:UPH

Mark Ainsworth and Charles Parker. Uniform preconditioners for high order finite element approximations of planar linear elasticity. *Mathematics of Computation*, 93(349):2067–2102, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03926-6>.

- [ASZ23] David M. Ambrose, Michael Siegel, and Keyang Zhang. Convergence of the boundary integral method for interfacial Stokes flow. *Mathematics of Computation*, 92(340):695–748, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03787-X/S0025-5718-2022-03787-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Keyang;> <https://www.ams.org/mathscinet/search/authors.html?mrauthid=294740>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=720777>. [BA22]
- [AV25] Aekta Aggarwal and Ganesh Vaidya. Convergence of the numerical approximations and well-posedness: Nonlocal conservation laws with rough flux. *Mathematics of Computation*, 94(352):585–610, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03976-5>. [BA24]
- [Avd21] Muharem Avdispahić. Effective bounds for Huber’s constant and Faltings’s delta function. *Mathematics of Computation*, 90(331):2381–2414, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03631-5>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=28365>. [Bingane:2022:ESO]
- Christian Bingane and Charles Audet. The equilateral small octagon of maximal width. *Mathematics of Computation*, 91(336):2027–2040, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03733-9>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03733-9/S0025-5718-2022-03733-9.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Bingane%2C%20Christian](https://www.ams.org/mathscinet/search/authors.html?authorName=Bingane%2C%20Christian;); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=619525>. [Bras-Amoros:2024:SGG]
- Maria Bras-Amorós. On the seeds and the great-grandchildren of a numerical semigroup. *Mathematics of Computation*, 93(345):411–441, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03881-9>. [Bras-Amoros:2020:RGD]
- Maria Bras-Amorós and Julio Fernández-González. The right-generators descendant of a nu-

merical semigroup. *Mathematics of Computation*, 89(324):2017–2030, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03502-9>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03502-9/S0025-5718-2020-03502-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bras-Amoros%2C%20Maria>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=704910>. [Bar21]

Ben-Artzi:2021:CFV

[BAL21]

Matania Ben-Artzi and Jiequan Li. Consistency of finite volume approximations to nonlinear hyperbolic balance laws. *Mathematics of Computation*, 90(327):141–169, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03569-8>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03569-8/S0025-5718-2020-03569-8.pdf>.

Barvinok:2020:SCM

[Bar20]

Alexander Barvinok. Stability and complexity of mixed discriminants. *Mathematics of Computation*, 89(322):717–735, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-

6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03468-3>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03468-3/S0025-5718-2019-03468-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=237145>.

Bartels:2021:EEC

Sören Bartels. Error estimates for a class of discontinuous Galerkin methods for nonsmooth problems via convex duality relations. *Mathematics of Computation*, 90(332):2579–2602, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03656-X>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03656-X/S0025-5718-2021-03656-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bartels%2C%20Soren>.

Bryiewicz:2023:STT

[BB23]

Taylor Bryiewicz and Michael Burr. Sparse trace tests. *Mathematics of Computation*, 92(344):2893–2922, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03849-2>.

- [BBDM26] **Botti:2026:SCP**
Lorenzo Botti, Michele Botti, Daniele A. Di Pietro, and Francesco Carlo Massa. Stability, convergence, and pressure-robustness of numerical schemes for incompressible flows with hybrid velocity and pressure. *Mathematics of Computation*, 95(357):1–28, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04049-3>.
- [BBERPC24] **Ballester-Bolinches:2024:ELB**
A. Ballester-Bolinches, R. Esteban-Romero, and V. Pérez-Calabuig. Enumeration of left braces with additive group $C_4 \times C_4 \times C_4$. *Mathematics of Computation*, 93(346):911–919, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03871-6>.
- [BBGS22] **Beltran:2022:HWC**
Carlos Beltrán, Laurent Bétermin, Peter Grabner, and Stefan Steinerberger. How well-conditioned can the eigenvector problem be? *Mathematics of Computation*, 91(335):1237–1245, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03706-0>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03706-0/S0025-5718-2021-03706-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Betermin%2C%20Laurent>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=293266>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=764504>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=869041>.
- [BBK⁺24] **Best:2024:RSE**
Alex J. Best, L. Alexander Betts, Theresa Kumpitsch, Martin Lüdtke, Angus W. McAndrew, Lie Qian, Elie Studnia, and Yujie Xu. Refined Selmer equations for the thrice-punctured line in depth two. *Mathematics of Computation*, 93(347):1497–1527, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03898-4>.
- [BBKP24] **Bellitto:2024:SCT**
Thomas Bellitto, Nicolas Bousquet, Adam Kabela, and Théo Pierron. The smallest 5-chromatic tournament. *Mathematics of Computation*, 93(345):443–458, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03887-X>.
- [BBL20] **Bonnivard:2020:NAS**
Matthieu Bonnivard, Elie Bretin, and Antoine Lemenant. Numerical approximation of the Steiner problem in dimension 2 and 3. *Mathematics of Computation*, 89

- (321):1–43, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03442-7>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03442-7/S0025-5718-2019-03442-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=889777>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=932768>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=937006>. [BBP24]
- [BBM21] J. Frédéric Bonnans, Guillaume Bonnet, and Jean-Marie Mirebeau. Second order monotone finite differences discretization of linear anisotropic differential operators. *Mathematics of Computation*, 90(332):2671–2703, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03671-6>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03671-6/S0025-5718-2021-03671-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bonnans%2C%20J.%20Frederic>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bonnet%2C%20Guillaume>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=908991>. [BBV21]
- Bonnans:2021:SOM**
- Baker:2024:NAT**
- Katherine Baker, Lehel Banjai, and Mariya Ptashnyk. Numerical analysis of a time-stepping method for the Westervelt equation with time-fractional damping. *Mathematics of Computation*, 93(350):2711–2743, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03945-5>.
- Bertoli:2021:SSS**
- Guillaume Bertoli, Christophe Besse, and Gilles Vilmart. Superconvergence of the Strang splitting when using the Crank–Nicolson scheme for parabolic PDEs with Dirichlet and oblique boundary conditions. *Mathematics of Computation*, 90(332):2705–2729, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03664-9>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03664-9/S0025-5718-2021-03664-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1384999>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=639642>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=798890>.

- [BCCET22] **Blanes:2022:SCC**
 S. Blanes, F. Casas, P. Chartier, and A. Escorihuela-Tomás. On symmetric-conjugate composition methods in the numerical integration of differential equations. *Mathematics of Computation*, 91(336):1739–1761, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2021-03715-1>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2021-03715-1/S0025-5718-2021-03715-1.pdf>; <https://www.ams.org/mathscinet/search/authors/authors.html?authorName=Escorihuela-Tomas%2C%20A.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=314104>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=335517>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=633218>.
- [BCDF25] **Billerey:2025:DPG**
 Nicolas Billerey, Imin Chen, Luis Dieulefait, and Nuno Freitas. On Darmon’s program for the generalized Fermat equation, II. *Mathematics of Computation*, 94(354):1977–2003, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04012-7>.
- [BCF23] **Bao:2023:IUE**
 Weizhu Bao, Yongyong Cai, and Yue Feng. Improved uniform error bounds of the time-splitting methods for the long-time (non-linear) Schrödinger equation. *Mathematics of Computation*, 92(341):1109–1139, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03801-1/S0025-5718-2022-03801-1.pdf>; <https://www.ams.org/mathscinet/search/authors/authors.html?authorName=Feng%2C%20Yue>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=354327>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=819002>.
- [BCHR20] **Bernkopf:2025:WES**
 M. Bernkopf, T. Chaumont-Frelet, and J. M. Melenk. Wavenumber-explicit stability and convergence analysis of hp finite element discretizations of Helmholtz problems in piecewise smooth media. *Mathematics of Computation*, 94(351):73–122, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03958-3>.
- Bessemoulin-Chatard:2020:HDL**
 Marianne Bessemoulin-Chatard, Maxime Herda, and Thomas Rey. Hypocoercivity and diffusion limit of a finite volume scheme for linear kinetic equations. *Mathematics of Computation*, 89(323):1093–1133, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03412-7>.

org/AMSMathViewer; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03490-7>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03490-7/S0025-5718-2019-03490-7.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Rey%2C%20Thomas](https://www.ams.org/mathscinet/search/authors.html?authorName=Rey%2C%20Thomas;); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1154786>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=960946>.

Brehier:2023:SIS

[BCJ23]

Charles-Edouard Bréhier, David Cohen, and Tobias Jahnke. Splitting integrators for stochastic Lie-Poisson systems. *Mathematics of Computation*, 92(343):2167–2216, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03829-7>.

Barbero:2021:PRQ

[BCM21]

Stefano Barbero, Umberto Ceruti, and Nadir Murru. Periodic representations for quadratic irrationals in the field of p -adic numbers. *Mathematics of Computation*, 90(331):2267–2280, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03640-6>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03640-6/S0025-5718-2021-03640-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=46835>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=891098>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=905269>.

6/S0025-5718-2021-03640-6.pdf; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=46835>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=891098>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=905269>.

Bogfjellmo:2024:UAS

Geir Bogfjellmo, Elena Celledoni, Robert I. McLachlan, Brynjulf Owren, and G. R. W. Quispel. Using aromas to search for preserved measures and integrals in Kahan’s method. *Mathematics of Computation*, 93(348):1633–1653, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03921-7>.

Bao:2020:SRT

[BCY20]

Weizhu Bao, Yongyong Cai, and Jia Yin. Super-resolution of time-splitting methods for the Dirac equation in the nonrelativistic regime. *Mathematics of Computation*, 89(325):2141–2173, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03536-4>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03536-4/S0025-5718-2020-03536-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1169777>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1169777>.

<https://www.ams.org/mathscinet/search/authors.html?mrauthid=354327>;
<https://www.ams.org/mathscinet/search/authors.html?mrauthid=819002>.

Bialecki:2021:CAF

[BDF21]

Bernard Bialecki, Maksymilian Dryja, and Ryan I. Fernandes. Convergence analysis of the finite difference ADI scheme for the heat equation on a convex set. *Mathematics of Computation*, 90(332):2757–2784, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03653-4>;
<https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03653-4>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Dryja>;
<https://www.ams.org/mathscinet/search/authors.html?mrauthid=252450>;
<https://www.ams.org/mathscinet/search/authors.html?mrauthid=312570>. [BDM24]

Boyvalenkov:2021:BSC

[BDH⁺21]

P. G. Boyvalenkov, P. D. Dragnev, D. P. Hardin, E. B. Saff, and M. M. Stoyanova. Bounds for spherical codes: the Levenshtein framework lifted. *Mathematics of Computation*, 90(329):1323–1356, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03621-2>;

<https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03621-2/S0025-5718-2021-03621-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Boyvalenkov>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Dragnev>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Hardin>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Saff>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Stoyanova>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Stoyanova>.

Bonaldi:2024:NAM

Francesco Bonaldi, Jérôme Droniou, and Roland Masson. Numerical analysis of a mixed-dimensional poromechanical model with frictionless contact at matrix-fracture interfaces. *Mathematics of Computation*, 93(349):2103–2134, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03949-2>.

Brandenburg:2025:BWS

Marie-Charlotte Brandenburg, Jesús A. De Loera, and Chiara Meroni. The best ways to slice a polytope. *Mathematics of Computation*, 94(352):1003–1042, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2025-03521-2>;

- org/journals/mcom/2025-94-352/S0025-5718-2024-04006-1. [BDS20]
- [BDOT24] Markus Bachmayr, Geneviève Dusson, Christoph Ortner, and Jack Thomas. Polynomial approximation of symmetric functions. *Mathematics of Computation*, 93(346):811–839, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03868-6>.
- [BDOV20] Arthur Bik, Jan Draisma, Alessandro Oneto, and Emanuele Ventura. The monic rank. *Mathematics of Computation*, 89(325):2481–2505, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03512-1; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03512-1/S0025-5718-2020-03512-1.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ventura%2CEmanuele; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1087088; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1297289; https://www.ams.org/mathscinet/search/authors.html?mrauthid=683807>. [BEKU21]
- [Buse:2020:FIR] Laurent Busé, Alexandru Dimca, and Gabriel Sticlaru. Freeness and invariants of rational plane curves. *Mathematics of Computation*, 89(323):1525–1546, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03495-6; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03495-6/S0025-5718-2019-03495-6.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Buse%2C%20Laurent; https://www.ams.org/mathscinet/search/authors.html?mrauthid=58125; https://www.ams.org/mathscinet/search/authors.html?mrauthid=997310>.
- [Bachmayr:2021:EDL] Markus Bachmayr, Henrik Eisenmann, Emil Kieri, and André Uschmajew. Existence of dynamical low-rank approximations to parabolic problems. *Mathematics of Computation*, 90(330):1799–1830, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03626-1; https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03626-1/S0025-5718-2021-03626-1.pdf; https://www.ams.org/>

mathscinet/search/authors.html?authorName=Eisenmann%2C%20Henrik; <https://www.ams.org/mathscinet/search/authors.html?authorName=Uschmajew%2C%20Andre>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1078345>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=881952>. [BF24]

Blel:2025:ISC

[BEL25]

Mohamed-Raed Blel, Virginie Ehrlicher, and Tony Lelièvre. Influence of sampling on the convergence rates of greedy algorithms for parameter-dependent random variables. *Mathematics of Computation*, 94(352):863–908, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03979-0>. [BFO20]

Benoit:2022:SFD

[Ben22]

Antoine Benoit. Stability of finite difference schemes approximation for hyperbolic boundary value problems in an interval. *Mathematics of Computation*, 91(335):1171–1212, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03698-4>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03698-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1060440>. [BFS22]

Blaustein:2024:DFH

Alain Blaustein and Francis Filbet. On a discrete framework of hypocoercivity for kinetic equations. *Mathematics of Computation*, 93(345):163–202, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03862-5>.

Burman:2020:FED

Erik Burman, Ali Feizmohammadi, and Lauri Oksanen. A finite element data assimilation method for the wave equation. *Mathematics of Computation*, 89(324):1681–1709, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03508-X>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03508-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Feizmohammadi%2C%20Ali>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=602430>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=906909>.

Bao:2022:UEB

Weizhu Bao, Yue Feng, and Chunmei Su. Uniform error bounds of time-splitting spectral methods for the long-time dynamics of the nonlinear Klein–Gordon

equation with weak nonlinearity. *Mathematics of Computation*, 91(334):811–842, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03694-7>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Feng%2C%20Yue>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Su%2C%20Chunmei>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=354327>. [BGH⁺23]

Baillie:2021:SBP

[BFW21]

Robert Baillie, Andrew Fiori, and Samuel S. Wagstaff, Jr. Strengthening the Baillie-PSW primality test. *Mathematics of Computation*, 90(330):1931–1955, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03616-9>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03616-9/S0025-5718-2021-03616-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=179915>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=407930>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=997971>. [BMS23]

Batteux:2023:CMS

L. Batteux, T. Gallouët, R. Herbin, J. C. Latché, and P. Poullet. Convergence of the MAC scheme for the incompressible Navier–Stokes equations with variable density and viscosity. *Mathematics of Computation*, 92(342):1595–1631, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03803-0>.

Brinkmann:2022:MGK

Gunnar Brinkmann, Jan Goedgebeur, and Brendan D. McKay. The minimality of the Georges–Kelmans graph. *Mathematics of Computation*, 91(335):1483–1500, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03701-1>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03701-1/S0025-5718-2021-03701-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=122480>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=252206>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=945364>.

Buse:2023:TLB

Laurent Busé, Pablo González-Mazón, and Josef Schicho. Trilinear birational maps in dimension three. *Mathematics of Computation*, 92(342):

- 1837–1866, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03804-2>. [BGV24]
- Bakshi:2024:RGA**
- [BGO24] Gurmeet K. Bakshi, Jyoti Garg, and Gabriela Olteanu. Rational group algebras of generalized strongly monomial groups: Primitive idempotents and units. *Mathematics of Computation*, 93(350):3027–3058, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03937-6>. [BHK⁺25a]
- Buhler:2021:LPS**
- [BGPW21] Joe Buhler, Shahar Golan, Rob Pratt, and Stan Wagon. Littlewood polynomials, spectral-null codes, and equipowerful partitions. *Mathematics of Computation*, 90(329):1435–1453, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03612-1>; [BHK⁺25b] <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03612-1/S0025-5718-2021-03612-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Buhler%2C%20Joe>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Golan%2C%20Shahar>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pratt%2C%20Rob>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wagon%2C%20Stan>.
- Beorchia:2024:ETE**
- Valentina Beorchia, Francesco Galuppi, and Lorenzo Venturello. Equations of tensor eigenschemes. *Mathematics of Computation*, 93(346):589–602, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03882-0>.
- Baptista:2025:ATF**
- Ricardo Baptista, Bamdad Hosseini, Nikola B. Kovachki, Youssef Marzouk, and Amir Sagiv. An approximation theory framework for measure-transport sampling algorithms. *Mathematics of Computation*, 94(354):1863–1909, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04013-9>.
- Bourdon:2025:TCI**
- Abbey Bourdon, Sachi Hashimoto, Timo Keller, Zev Klagsbrun, David Lowry-Duda, Travis Morrison, Filip Najman, and Himanshu Shukla. Towards a classification of isolated j -invariants. *Mathematics of Computation*, 94(351):447–473, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03956-X>.

With an appendix by Maarten Derickx and Mark van Hoeij.

Bonizzoni:2025:DTP

[BHKS25]

Francesca Bonizzoni, Kaibo Hu, Guido Kanschat, and Duygu Sap. Discrete tensor product BGG sequences: Splines and finite elements. *Mathematics of Computation*, 94(352):517–549, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03969-8>.

Burman:2024:LRE

[BHL24]

Erik Burman, Peter Hansbo, and Mats G. Larson. Low regularity estimates for CutFEM approximations of an elliptic problem with mixed boundary conditions. *Mathematics of Computation*, 93(345):35–54, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03875-3>.

Bochenski:2020:NSC

[BJT20]

Maciej Bocheński, Piotr Jastrzebski, and Aleksy Tralle. Nonexistence of standard compact Clifford–Klein forms of homogeneous spaces of exceptional Lie groups. *Mathematics of Computation*, 89(323):1487–1499, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/>

2020-89-323/S0025-5718-2019-03493-2; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03493-2/S0025-5718-2019-03493-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Jastrzebski%2C%20Piotr>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1069305>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=199440>.

Bringmann:2022:CNR

[BK22]

Kathrin Bringmann and Ben Kane. Class numbers and representations by ternary quadratic forms with congruence conditions. *Mathematics of Computation*, 91(333):295–329, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03648-0>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03648-0/S0025-5718-2021-03648-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=774752>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=789505>.

Barakat:2023:CNL

[BK23a]

Mohamed Barakat and Lukas Kühne. Computing the non-free locus of the moduli space of arrangements and Terao’s freeness conjecture. *Mathematics of Computation*, 92(341):1431–1452, May 2023. CODEN MCMPAF. ISSN 0025-

- org/mathscinet/search/authors.html?mrauthid=721483; https://www.ams.org/mathscinet/search/authors.html?mrauthid=760548. [BKR20]
- Birgin:2020:IEC**
- [BKM20] E. G. Birgin, N. Krejić, and J. M. Martínez. Iteration and evaluation complexity for the minimization of functions whose computation is intrinsically inexact. *Mathematics of Computation*, 89(321):253–278, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03546-7>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03546-7>.pdf.
- [BKRS20] M. Bause, U. Köcher, F. A. Radu, and F. Schieweck. Post-processed Galerkin approximation of improved order for wave equations. *Mathematics of Computation*, 89(322):595–627, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03464-6>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03464-6>.pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kocher%2C%20U.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=155960>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=667155>; <https://www.ams.org/mathscinet/>
- Bartel:2024:RFV**
- [BKPU24] Felix Bartel, Lutz Kämmerer, Daniel Potts, and Tino Ullrich. On the reconstruction of functions from values at subsampled quadrature points. *Mathematics of Computation*, 93(346):785–809, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03896-0>.
- Bohm:2020:CGF**
- Janko Böhm, Simon Keicher, and Yue Ren. Computing GIT-fans with symmetry and the Mori chamber decomposition of $\overline{M}_{0,6}$. *Mathematics of Computation*, 89(326):3003–3021, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03546-7>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03546-7>.pdf.
- Bause:2020:PPG**

- search/authors.html?mrauthid=740659.
- Bars:2023:BQM**
- [BKS23] Francesc Bars, Mohamed Kamel, and Andreas Schweizer. Bielliptic quotient modular curves of $X_0(N)$. *Mathematics of Computation*, 92(340):895–929, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03800-X/S0025-5718-2022-03800-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1217615>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=362896>; [BL25a] <https://www.ams.org/mathscinet/search/authors.html?mrauthid=647724>.
- Buchheit:2025:CLS**
- [BKS25] Andreas A. Buchheit, Torsten Keßler, and Kirill Serkh. On the computation of lattice sums without translational invariance. *Mathematics of Computation*, 94(355):2533–2574, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04024-3>. [BL25b]
- Bouchut:2021:CKH**
- [BL21] François Bouchut and Xavier Lhébrard. Convergence of the kinetic hydrostatic reconstruction scheme for the Saint Venant system with topography. *Mathematics of Computation*, 90(329):1119–1153, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03600-X/S0025-5718-2020-03600-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bouchut%20Francois>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lhebrard%20Xavier>.
- Bai:2025:CSP**
- Genming Bai and Buyang Li. Convergence of a stabilized parametric finite element method of the Barrett–Garcke–Nürnberg type for curve shortening flow. *Mathematics of Computation*, 94(355):2151–2220, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04019-X>.
- Bao:2025:USP**
- Weizhu Bao and Yifei Li. A unified structure-preserving parametric finite element method for anisotropic surface diffusion. *Mathematics of Computation*, 94(355):2113–2149, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04022-X>.

- [Bla22] **Blanco:2022:AH1**
Guillem Blanco. An algorithm for Hodge ideals. *Mathematics of Computation*, 91(338):2955–2967, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03764-9/S0025-5718-2022-03764-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1308706>.
- [BLH22] **Barakat:2022:AAC**
Mohamed Barakat and Markus Lange-Hegermann. An algorithmic approach to Chevalley’s Theorem on images of rational morphisms between affine varieties. *Mathematics of Computation*, 91(333):451–490, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03632-7>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03632-7/S0025-5718-2021-03632-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=706483>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=937506>.
- [BLM23] **Birgin:2023:SAT**
E. G. Birgin, A. Laurain, and T. C. Menezes. Sensitivity analysis and tailored design of minimization diagrams. *Mathematics of Computation*, 92(344):2715–
- [BLM24] 2768, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03839-X>.
- [BLM25] **Bueno:2024:IRM**
L. F. Bueno, F. Larreal, and J. M. Martínez. Inexact restoration for minimization with inexact evaluation both of the objective function and the constraints. *Mathematics of Computation*, 93(345):293–326, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03855-8>.
- Barsukow:2025:NCV**
Wasilij Barsukow, Raphaël Loubère, and Pierre-Henri Maire. A node-conservative vorticity preserving finite volume method for linear acoustics on unstructured grids. *Mathematics of Computation*, 94(355):2299–2343, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04020-6>.
- Basaric:2023:EEF**
Danica Basarić, Mária Lukáčová-Medvidová, Hana Mizerová, Bangwei She, and Yuhuan Yuan. Error estimates of a finite volume method for the compressible Navier–Stokes–Fourier system. *Mathematics of Computation*, 92(344):2543–2574, November 2023.

CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03852-2>.

Bilu:2024:AZT

[BLN⁺24]

Yuri Bilu, Florian Luca, Joris Nieuwveld, Joël Ouaknine, and James Worrell. On the p -adic zeros of the Tribonacci sequence. *Mathematics of Computation*, 93(347):1333–1353, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03893-5>.

Banjai:2022:PEA

[BM22]

Lehel Banjai and Charalambos G. Makridakis. A posteriori error analysis for approximations of time-fractional subdiffusion problems. *Mathematics of Computation*, 91(336):1711–1737, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03723-6>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03723-6/S0025-5718-2022-03723-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=289627>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702930>.

[BMOR21]

Battistoni:2025:GPI

[BM25]

Francesco Battistoni and Giuseppe Molteni. Generalized Pohst inequality and small regulators.

Mathematics of Computation, 94(351):475–504, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03954-6>.

Bennett:2021:CZD

Michael A. Bennett, Greg Martin, Kevin O’Byrant, and Andrew Rechnitzer. Counting zeros of Dirichlet L -functions. *Mathematics of Computation*, 90(329):1455–1482, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03599-1>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03599-1/S0025-5718-2021-03599-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Bennett%2C%20Michael%20A.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Martin%2C%20Greg>; <https://www.ams.org/mathscinet/search/authors.html?authorName=O%27Byrant%2C%20Kevin>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Rechnitzer%2C%20Andrew>.

Brodnik:2021:SCP

Andrej Brodnik, Aleksander Malnic, and Rok Pozar. The simultaneous conjugacy problem in the symmetric group. *Mathematics of Computation*, 90(332):2977–2995, November 2021. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03637-6>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03637-6/S0025-5718-2021-03637-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Malnic%2C%20Aleksander>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pozar%2C%20Rok>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=623283>.

Berghaus:2024:CMF

[BMR24]

David Berghaus, Hartmut Monien, and Danylo Radchenko. On the computation of modular forms on noncongruence subgroups. *Mathematics of Computation*, 93(347):1399–1425, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03903-5>.

Banwait:2024:CIE

[BNP24]

Barinder S. Banwait, Filip Najman, and Oana Padurariu. Cyclic isogenies of elliptic curves over fixed quadratic fields. *Mathematics of Computation*, 93(346):841–862, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03894-7>.

Bonizzoni:2020:FLS

Francesca Bonizzoni, Fabio Nobile, Ilaria Perugia, and Davide Pradovera. Fast Least-Squares Padeé approximation of problems with normal operators and meromorphic structure. *Mathematics of Computation*, 89(323):1229–1257, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03511-X>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03511-X/S0025-5718-2020-03511-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pradovera%2C%20Davide>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1081834>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=366660>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=650310>.

Borthagaray:2023:RBP

Juan Pablo Borthagaray, Ricardo H. Nochetto, Shuonan Wu, and Jinchao Xu. Robust BPX preconditioner for fractional Laplacians on bounded Lipschitz domains. *Mathematics of Computation*, 92(344):2439–2473, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03857-1>.

[BNWX23]

- [Bör25] **MC-06670010**
 Steffen Börm. Adaptive fast multiplication of $\mathcal{H}^2$ -matrices. *Mathematics of Computation*, 94(352): 825–852, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03978-9>.
- [Box21] **Box:2021:QPM**
 Joshua Box. Quadratic points on modular curves with infinite Mordell–Weil group. *Mathematics of Computation*, 90(327): 321–343, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03652-2; https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03652-2/S0025-5718-2021-03652-2.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Brent%2C%20Richard%20P.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1045993; https://www.ams.org/mathscinet/search/authors.html?mrauthid=909247>.
- [BR21] **Bartels:2021:SSS**
 Sören Bartels and Philipp Reiter. Stability of a simple scheme for the approximation of elastic knots and self-avoiding inextensible curves. *Mathematics of Computation*, 90(330): 1499–1526, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03633-9; https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03633-9/S0025-5718-2021-03633-9.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Bartels%2C%20Soren; https://www.ams.org/mathscinet/search/authors.html?mrauthid=854824>.
- [BP24] **Bras:2024:CLS**
 Pierre Bras and Gilles Pagès. Convergence of Langevin-simulated annealing algorithms with multiplicative noise. *Mathematics of Computation*, 93(348): 1761–1803, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2024-03899-1>.
- [BPT21] **Brent:2021:AES**
 Richard P. Brent, David J. Platt, and Timothy S. Trudgian. Accu-

- [BRK25] **Bou-Rabee:2025:RRK**
 Nawaf Bou-Rabee and Tore Sell and Kleppe. Randomized Runge–Kutta–Nyström methods for unadjusted Hamiltonian and kinetic Langevin Monte Carlo. *Mathematics of Computation*, 94(356):2839–2865, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04061-4>.
- [BRS23] **Balasubramanian:2023:EBP**
 Ramachandran Balasubramanian, Olivier Ramaré, and Priyamvad Srivastav. Explicit bounds for products of primes in AP. *Mathematics of Computation*, 92(343):2381–2411, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03853-4>.
- [BRS24] **Bostan:2024:MDE**
 Alin Bostan, Tanguy Rivoal, and Bruno Salvy. Minimization of differential equations and algebraic values of E -functions. *Mathematics of Computation*, 93(347):1427–1472, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03912-6>.
- [BRT23] **Barucq:2023:CAH**
 Hélène Barucq, Nathan Rouxelin, and Sébastien Tordeux. Construction and analysis of a HDG solution for the total-flux formulation of the convected Helmholtz equation. *Mathematics of Computation*, 92(343):2097–2131, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03850-9>.
- [BS22] **Barbulescu:2022:CEF**
 Razvan Barbulescu and Sudarshan Shinde. A classification of ECM-friendly families of elliptic curves using modular curves. *Mathematics of Computation*, 91(335):1405–1436, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03697-2>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03697-2/S0025-5718-2021-03697-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Shinde%2C%20Sudarshan>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1003662>.
- [BS23] **Becher:2023:CPG**
 Verónica Becher and Gabriel Sac Himelfarb. A construction of a λ -Poisson generic sequence. *Mathematics of Computation*, 92(341):1453–1466, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03806-6/S0025-5718-2023-03806-6.pdf>; <https://www.ams.org/>

- mathscinet/search/authors.html?authorName=Sac%20Himelfarb%2C%20Gabriel; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=368040>.
Belabas:2024:PDN [BT20]
- [BS24] Karim Belabas and Denis Simon. Power detection over number fields. *Mathematics of Computation*, 93(348):1953–1961, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2024-03913-3>.
- Berthe:2021:SLE
- [BST21] Valérie Berthé, Wolfgang Steiner, and Jörg M. Thuswaldner. On the second Lyapunov exponent of some multidimensional continued fraction algorithms. *Mathematics of Computation*, 90(328):883–905, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03592-3; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03592-3/S0025-5718-2020-03592-3.pdf>.
Burr:2023:NHK
- [BSW23] M. Burr, F. Sottile, and E. Walker. Numerical homotopies from Khovanskii bases. *Mathematics of Computation*, 92(343):2333–2353, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03689-4>.
Balakrishnan:2020:ECI
- Jennifer S. Balakrishnan and Jan Tuitman. Explicit Coleman integration for curves. *Mathematics of Computation*, 89(326):2965–2984, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03542-X; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03542-X/S0025-5718-2020-03542-X.pdf>.
- Bender:2022:TEM
- Matías R. Bender and Simon Telen. Toric eigenvalue methods for solving sparse polynomial systems. *Mathematics of Computation*, 91(337):2397–2429, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03744-3; https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03744-3/S0025-5718-2022-03744-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Bender%2C%20Matias%20R.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1277543>.
Banas:2023:RPE
- Lubomír Banas and Christian Vi-
- [BV23]

- eth. Robust a posteriori estimates for the stochastic Cahn–Hilliard equation. *Mathematics of Computation*, 92(343):2025–2063, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03836-4>. [BW24]
- Brandhorst:2024:HLA**
- [BV24] Simon Brandhorst and Davide Cesare Veniani. Hensel lifting algorithms for quadratic forms. *Mathematics of Computation*, 93(348):1963–1991, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03909-6>. [BY24]
- Berg:2020:OOO**
- [BVA20] Jennifer Berg and Anthony Várilly-Alvarado. Odd order obstructions to the Hasse principle on general K3 surfaces. *Mathematics of Computation*, 89(323):1395–1416, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03485-3; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03485-3/S0025-5718-2019-03485-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Varilly-Alvarado&C%20Anthony; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1061301>. [BZ24]
- Bao:2024:EET**
- Weizhu Bao and Chushan Wang. Error estimates of the time-splitting methods for the nonlinear Schrödinger equation with semi-smooth nonlinearity. *Mathematics of Computation*, 93(348):1599–1631, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03900-X>. [Bruno:2024:MSF]
- Oscar P. Bruno and Tao Yin. Multiple-scattering frequency-time hybrid solver for the wave equation in interior domains. *Mathematics of Computation*, 93(346):551–587, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03872-8>. [Bao:2024:OTE]
- Gang Bao and Yixuan Zhang. Optimal transportation for electrical impedance tomography. *Mathematics of Computation*, 93(349):2361–2389, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03919-9>. [Carstensen:2020:CMA]
- Carsten Carstensen. Collective marking for adaptive least-

- squares finite element methods with optimal rates. *Mathematics of Computation*, 89(321):89–103, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03474-9>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03474-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Carstensen%2C%20Carsten>. [CD23]

Chen:2025:ACP

[CC25] Li-An Chen and Robert S. Coulter. Algorithms for computing the permutation resemblance of functions over finite groups. *Mathematics of Computation*, 94(353):1543–1570, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03996-0>. [CDG22]

Calegari:2020:SMA

[CCG20] Frank Calegari, Shiva Chidambaram, and Alexandru Ghitza. Some modular abelian surfaces. *Mathematics of Computation*, 89(321):387–394, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03434-8>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03434-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Chidambaram%2C%20Shiva>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=678536>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=713726>. [Cox:2023:SSL]

David A. Cox and Carlos D’Andrea. Subresultants and the Shape Lemma. *Mathematics of Computation*, 92(343):2355–2379, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03840-6>. [Cangiani:2022:VDG]

Andrea Cangiani, Zhaonan Dong, and Emmanuil H. Georgoulis. *hp*-version discontinuous Galerkin methods on essentially arbitrarily-shaped elements. *Mathematics of Computation*, 91(333):1–35, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03667-4>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03667-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1163337>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=750860>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=750860>.

- org/mathscinet/search/authors.html?mrauthid=757643.
- [CDLT25] **Connelly:2025:AGC**
Erin Connelly, Timothy Duff, and Jessie Loucks-Tavitas. Algebra and geometry of camera resectioning. *Mathematics of Computation*, 94(355):2613–2643, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04030-9>. [CEFO20]
- [CDM⁺20] **Cances:2020:GPB**
Eric Cancès, Geneviève Dusson, Yvon Maday, Benjamin Stamm, and Martin Vohralík. Guaranteed a posteriori bounds for eigenvalues and eigenvectors: Multiplicities and clusters. *Mathematics of Computation*, 89(326):2563–2611, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03549-2>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03549-2/S0025-5718-2020-03549-2.pdf>. [CEHT23]
- [CDZ22] **Cui:2022:TDW**
Jianbo Cui, Luca Dieci, and Haomin Zhou. Time discretizations of Wasserstein–Hamiltonian flows. *Mathematics of Computation*, 91(335):1019–1075, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03726-1>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03726-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Cui%2C%20Jianbo>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=247339>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=643741>.
- Curry:2020:MEP**
Charles Curry, Kurusch Ebrahimi-Fard, and Brynjulf Owren. The Magnus expansion and post-Lie algebras. *Mathematics of Computation*, 89(326):2785–2799, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03541-8>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03541-8/S0025-5718-2020-03541-8.pdf>.
- Craig:2023:BMI**
Katy Craig, Karthik Elamvazhuthi, Matt Haberland, and Olga Turanova. A blob method for inhomogeneous diffusion with applications to multi-agent control and sampling. *Mathematics of Computation*, 92(344):2575–2654, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03841-8>.

Celledoni:2020:EPM

[CEOR20]

Elena Celledoni, Sølve Eidnes, Brynjulf Owren, and Torbjørn Ringholm. Energy-preserving methods on Riemannian manifolds. *Mathematics of Computation*, 89(322):699–716, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03470-1>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03470-1/S0025-5718-2019-03470-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Eidnes%20Solve>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Owren%20Brynjulf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Ringholm%20Torbjorn>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=623033>. [CFEV22]

Chaumont-Frelet:2023:SEP

[CF23]

T. Chaumont-Frelet. A simple equilibration procedure leading to polynomial-degree-robust a posteriori error estimators for the curl-curl problem. *Mathematics of Computation*, 92(344):2413–2437, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03817-0>.

Chaumont-Frelet:2022:SBP

T. Chaumont-Frelet, A. Ern, and M. Vohralík. Stable broken $\mathbf{H}(\text{curl})$ polynomial extensions and p -robust a posteriori error estimates by broken patchwise equilibration for the curl-curl problem. *Mathematics of Computation*, 91(333):37–74, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03673-X>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03673-X/S0025-5718-2021-03673-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Vohralik%20M>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=349433>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=999028>.

Carrillo:2021:SON

José A. Carrillo, Ulrik S. Fjordholm, and Susanne Solem. A second-order numerical method for the aggregation equations. *Mathematics of Computation*, 90(327):103–139, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03563-7>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03563-7/S0025-5718-2020-03563-7.pdf>.

- [CGT25] Chen:2025:GPC Tyler Chen, Anne Greenbaum, and Thomas Trogdon. GMRES, pseudospectra, and Crouzeix's conjecture for shifted and scaled Ginibre matrices. *Mathematics of Computation*, 94(351): 241–261, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03963-7>.
- [CH20] Chen:2020:NVE [CH22b] Long Chen and Xuehai Huang. Nonconforming virtual element method for $2m$ th order partial differential equations in $\mathbb{R}^n$. *Mathematics of Computation*, 89(324):1711–1744, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03498-1; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03498-1/S0025-5718-2019-03498-1.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=735779; https://www.ams.org/mathscinet/search/authors.html?mrauthid=854280> [CH24a]
- [CH22a] Chen:2022:FEE Long Chen and Xuehai Huang. A finite element elasticity complex in three dimensions. *Mathematics of Computation*, 91(337): 2095–2127, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03739-X; https://www.ams.org/mathscinet/search/authors.html?mrauthid=735779; https://www.ams.org/mathscinet/search/authors.html?mrauthid=854280>.
- Chen:2022:FED Long Chen and Xuehai Huang. Finite elements for div div conforming symmetric tensors in three dimensions. *Mathematics of Computation*, 91(335): 1107–1142, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03700-X; https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03700-X/S0025-5718-2021-03700-X.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=735779; https://www.ams.org/mathscinet/search/authors.html?mrauthid=854280>.
- Carle:2024:EAS Constantin Carle and Marlis Hochbruck. Error analysis of second-order local time integration methods for discontinuous Galerkin discretizations of linear wave equations. *Mathematics of Computation*, 93(350): 2611–2641, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03952-2>. [CHEF24]

Chen:2024:FER

[CH24b] Long Chen and Xuehai Huang. Finite element de Rham and Stokes complexes in three dimensions. *Mathematics of Computation*, 93(345):55–110, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03859-5>. [CHL22]

Carstensen:2025:NNC

[CH25a] Carsten Carstensen and Norbert Heuer. Normal-normal continuous symmetric stresses in mixed finite element elasticity. *Mathematics of Computation*, 94(354):1571–1602, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04017-6>.

Chen:2025:NDD

[CH25b] Long Chen and Xuehai Huang. A new div–div-conforming symmetric tensor finite element space with applications to the biharmonic equation. *Mathematics of Computation*, 94(351):33–72, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03957-1>. [CHL24]

Chainais-Hillairet:2024:MNF

C. Chainais-Hillairet, R. Eymard, and J. Fuhrmann. A monotone numerical flux for quasilinear convection diffusion equation. *Mathematics of Computation*, 93(345):203–231, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03870-4>.

Cully-Hugill:2022:EIE

Michaela Cully-Hugill and Ethan S. Lee. Explicit interval estimates for prime numbers. *Mathematics of Computation*, 91(336):1955–1970, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03719-4>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03719-4/S0025-5718-2022-03719-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1432725>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1460044>. See corrigendum [CHL24].

Cully-Hugill:2024:CEI

Michaela Cully-Hugill and Ethan S. Lee. Corrigendum to ‘Explicit interval estimates for prime numbers’. *Mathematics of Computation*, 93(346):1019–1025, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2024-03958-1>.

- org/journals/mcom/2024-93-346/S0025-5718-2023-03884-4.
- Cui:2022:DFN**
- [CHS22] Jianbo Cui, Jialin Hong, and Derui Sheng. Density function of numerical solution of splitting AVF scheme for stochastic Langevin equation. *Mathematics of Computation*, 91(337):2283–2333, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03752-2>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03752-2/S0025-5718-2022-03752-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1159032>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1491841>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=258322>.
- MC-50080007**
- [Chu25] Moody T. Chu. Preparing Hamiltonians for quantum simulation: a computational framework for Cartan decomposition via Lax dynamics. *Mathematics of Computation*, 94(356):2867–2893, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04056-0>.
- Cances:2024:MOM**
- [CHV24] Eric Cancès, Muhammad Hassan, and Laurent Vidal. Modified-operator method for the calculation of band diagrams of crystalline materials. *Mathematics of Computation*, 93(347):1203–1245, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03897-2>.
- Chen:2020:CAF**
- Long Chen, Xiaozhe Hu, and Steven M. Wise. Convergence analysis of the Fast Subspace Descent method for convex optimization problems. *Mathematics of Computation*, 89(325):2249–2282, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03526-1>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03526-1/S0025-5718-2020-03526-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=615795>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=735779>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=793307>.
- Cho:2025:EFE**
- Sungmun Cho, Tamotsu Ikeda, Hidenori Katsurada, Chul hee Lee, and Takuya Yamauchi. An explicit formula for the extended Gross–Keating datum of a quadratic form. *Mathematics of Computation*, 94(353):1503–1541, May 2025. CODEN MCMPAF.

- DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2025-04050-X>. [CKMS26]
- [CJdL21] **Chirre:2021:PAP**
 Andrés Chirre, Valdir José Pereira Júnior, and David de Laat. Primes in arithmetic progressions and semidefinite programming. *Mathematics of Computation*, 90(331):2235–2246, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03638-8>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03638-8/S0025-5718-2021-03638-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Chirre%20Andres>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pereira%20Junior%20Valdir%20Jose>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1067611>.
- [CJS23] **Cheng:2023:SLD**
 Yao Cheng, Shan Jiang, and Martin Stynes. Supercloseness of the local discontinuous Galerkin method for a singularly perturbed convection–diffusion problem. *Mathematics of Computation*, 92(343):2065–2095, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03844-3>.
- Corso:2026:NSG**
 Thiago Carvalho Corso, Gaspard Kemlin, Christof Melcher, and Benjamin Stamm. Numerical simulation of the Gross–Pitaevskii equation via vortex tracking. *Mathematics of Computation*, 95(357):227–262, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04071-7>.
- Cools:2021:FCC**
 Ronald Cools, Frances Y. Kuo, Dirk Nuyens, and Ian H. Sloan. Fast component-by-component construction of lattice algorithms for multivariate approximation with POD and SPOD weights. *Mathematics of Computation*, 90(328):787–812, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03586-8>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03586-8/S0025-5718-2020-03586-8.pdf>.
- Cheval:2025:LRA**
 Horatiu Cheval and Laurentiu Leustean. Linear rates of asymptotic regularity for Halpern-type iterations. *Mathematics of Computation*, 94(353):1323–1333, May 2025. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03991-1>.

Caruso:2026:ACN

[CL26]

Xavier Caruso and Antoine Leudière. Algorithms for computing norms and characteristic polynomials on general Drinfeld modules. *Mathematics of Computation*, 95(357):415–455, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04052-3>.

Chen:2025:FDS

[CLLZ25]

Ziang Chen, Jianfeng Lu, Yulong Lu, and Xiangxiong Zhang. Fully discretized Sobolev gradient flow for the Gross–Pitaevskii eigenvalue problem. *Mathematics of Computation*, 94(356):2723–2760, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04032-2>.

Chartier:2022:UAN

[CLT22]

Philippe Chartier, Mohammed Lemou, and Léopold Trémant. A uniformly accurate numerical method for a class of dissipative systems. *Mathematics of Computation*, 91(334):843–869, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/>

S0025-5718-2021-03688-1; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03688-1/S0025-5718-2021-03688-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Tremant%2C%20Leopold>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=335517>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=355223>.

Cai:2023:NAI

[CLY23]

Zhenning Cai, Jianfeng Lu, and Siyao Yang. Numerical analysis for inchworm Monte Carlo method: Sign problem and error growth. *Mathematics of Computation*, 92(341):1141–1209, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03785-6/S0025-5718-2022-03785-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1264228>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=822782>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=892483>.

Cohen:2023:NOA

[CM23]

Albert Cohen and Giovanni Migliorati. Near-optimal approximation methods for elliptic PDEs with lognormal coefficients. *Mathematics of Computation*, 92(342):1665–1691, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

- tronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03825-X>.
- [CMR25] Emanuel Carneiro, Micah B. Milinovich, and Antonio Pedro Ramos. Fourier optimization and Montgomery’s pair correlation conjecture. *Mathematics of Computation*, 94(351):409–424, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03990-X>.
- [CMSV24] Don Coppersmith, Michael J. Mossinghoff, Danny Scheinerman, and Jeffrey M. VanderKam. Ideal solutions in the Prouhet–Tarry–Escott problem. *Mathematics of Computation*, 93(349):2473–2501, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03917-5>.
- [CNV21] Clément Cancès, Flore Nabet, and Martin Vohralík. Convergence and a posteriori error analysis for energy-stable finite element approximations of degenerate parabolic equations. *Mathematics of Computation*, 90(328):517–563, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03577-7>;
- [Coe24] Lucas Coeuret. Tamed stability of finite difference schemes for the transport equation on the half-line. *Mathematics of Computation*, 93(347):1097–1151, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03901-1>.
- [Col20] Matthew J. Colbrook. Pseudo-ergodic operators and periodic boundary conditions. *Mathematics of Computation*, 89(322):737–766, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03475-0>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03475-0/S0025-5718-2019-03475-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1251387>.
- [COS21] Yifan Chen, Houman Owjadi, and Andrew M. Stuart. Consistency of empirical Bayes and kernel flow for hierarchical parameter estimation. *Mathematics of Computation*, 90(332):2527–2578, November 2021. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03649-2>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03649-2/S0025-5718-2021-03649-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1291574>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=168395>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=695100>.

Chen:2025:SCF

[COS25]

Yifan Chen, Houman Owhadi, and Florian Schäfer. Sparse Cholesky factorization for solving nonlinear PDEs via Gaussian processes. *Mathematics of Computation*, 94(353):1235–1280, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03992-3>. [CRS22]

Camano:2026:CFE

[COSS26]

Jessika Camaño, Ricardo Oyarzúa, Miguel Serón, and Manuel Solano. A conforming finite element method for a nonisothermal fluid-membrane interaction. *Mathematics of Computation*, 95(357):29–72, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04045-6>.

Creutz:2020:GJE

Brendan Creutz. Generalized Jacobians and explicit descents. *Mathematics of Computation*, 89(323):1365–1394, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03491-9>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03491-9/S0025-5718-2019-03491-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=949383>.

Calvo:2022:TID

María Cabrera Calvo, Frédéric Rousset, and Katharina Schratz. Time integrators for dispersive equations in the long wave regime. *Mathematics of Computation*, 91(337):2197–2214, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03745-5>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03745-5/S0025-5718-2022-03745-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Cabrera%20Calvo%2C%20Maria>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Rousset%2C%20Frederic>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=990639>.

Carstensen:2022:CRT

- [CS22] Carsten Carstensen and Stefan A. Sauter. Crouzeix–Raviart triangular elements are inf-sup stable. *Mathematics of Computation*, 91(337):2041–2057, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03742-X>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03742-X/S0025-5718-2022-03742-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=263782>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=313335>. [CSS24]

Casulli:2023:CGM

- [CS23] Angelo A. Casulli and Igor Simunec. Computation of generalized matrix functions with rational Krylov methods. *Mathematics of Computation*, 92(340):749–777, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03788-1/S0025-5718-2022-03788-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1399012>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1446320>. [CSX23]

Carrillo:2025:CSR

- [CS25] José A. Carrillo and Jakub Skrzeczkowski. Convergence and stability results for the parti-

cle system in the Stein gradient descent method. *Mathematics of Computation*, 94(354):1793–1814, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2025-04000-6>.

Cushing:2024:PAS

David Cushing, George W. Stagg, and David I. Stewart. A Prolog assisted search for new simple Lie algebras. *Mathematics of Computation*, 93(347):1473–1495, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03889-3>.

Chen:2023:LOP

Wenbin Chen, Nian Shao, and Xuejun Xu. A locally optimal preconditioned Newton–Schur method for symmetric elliptic eigenvalue problems. *Mathematics of Computation*, 92(344):2655–2684, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03860-1>.

Chassagneux:2020:CMS

Jean-Francois Chassagneux and Camilo A. Garcia Trillos. Cubature method to solve BSDEs: Error expansion and complexity control. *Mathematics of Computation*, 89(324):1895–1932, July 2020. CODEN MCMPAF. ISSN 0025-

5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03522-4>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03522-4/S0025-5718-2020-03522-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1096828>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=810835>

Chada:2022:CAE

[CT22a]

Neil K. Chada and Xin T. Tong. Convergence acceleration of ensemble Kalman inversion in nonlinear settings. *Mathematics of Computation*, 91(335):1247–1280, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03709-6>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03709-6/S0025-5718-2021-03709-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Tong%2C%20Xin%20T.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1268846>

Chen:2022:DFP

[CT22b]

Swaine L. Chen and Nico M. Temme. A distribution function from population genetics statistics using Stirling numbers of the first kind: Asymptotics, inversion and numerical evaluation. *Mathematics of Computation*, 91(334):871–885, March 2022. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03711-4>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03711-4/S0025-5718-2021-03711-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Chen%2C%20Swaine%20L.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=171490>

Cohn:2022:DLP

Henry Cohn and Nicholas Triantafillou. Dual linear programming bounds for sphere packing via modular forms. *Mathematics of Computation*, 91(333):491–508, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03662-5>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03662-5/S0025-5718-2021-03662-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=606578>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=978350>

Chen:2023:SNM

Qiong Chen and Qiang Wu. Salem numbers with minimal trace. *Mathematics of Computation*, 92(342):1779–1790, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023->

92-342/S0025-5718-2023-03833-1
9.

Cheng:2026:OBN

[CWS26]

Yao Cheng, Xuesong Wang, [CYB⁺21]
and Martin Stynes. Optimal balanced-norm error estimate of the LDG method for reaction-diffusion problems II: The two-dimensional case with layer-upwind flux. *Mathematics of Computation*, 95(357): 73–103, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04048-1>.

Chen:2024:OEE

[CX24]

Yuan Chen and Yulong Xing. Optimal error estimates of ultra-weak discontinuous Galerkin methods with generalized numerical fluxes for multi-dimensional convection-diffusion and biharmonic equations. *Mathematics of Computation*, 93(349):2135–2183, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03927-8>. [CZ25]

Cui:2025:MLP

[CX25]

Tengteng Cui and Chuanju Xu. Müntz Legendre polynomials: Approximation properties and applications. *Mathematics of Computation*, 94(353): 1377–1410, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03987-X>. [dCIDV24]

[org/journals/mcom/2025-94-353/S0025-5718-2024-03987-X](https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03987-X).

Chen:2021:NMB

Jingmin Chen, Thomas Yu, Patrick Brogan, Robert Kusner, Yilin Yang, and Andrew Zigerelli. Numerical methods for biomembranes: Conforming subdivision methods versus non-conforming PL methods. *Mathematics of Computation*, 90(328): 471–516, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03584-4>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03584-4/S0025-5718-2020-03584-4.pdf>.

Chung:2025:SFH

Eric Chung and Lina Zhao. The stabilization-free HDG method for fluid-structure interaction in a unified mixed formulation on Alfeld splits. *Mathematics of Computation*, 94(354): 1633–1665, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04009-7>.

deCourcy-Ireland:2024:SDS

Matthew de Courcy-Ireland, Maria Dostert, and Maryna Vi-zozovska. Six-dimensional sphere packing and linear programming. *Mathematics of Computation*, 93(348):1993–2029, July 2024. CODEN MCMPAF. ISSN 0025-

- 5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2024-03959-5>.
- DiPietro:2023:FDP**
- [DD23] Daniele A. Di Pietro and Jérôme Droniou. A fully discrete plates complex on polygonal meshes with application to the Kirchhoff–Love problem. *Mathematics of Computation*, 92(339): 51–77, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03765-0/S0025-5718-2022-03765-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=655312>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=790640>.
- DelCorso:2020:CDI**
- [DDDR20] Gianna M. Del Corso, Ilaria Del Corso, Roberto Dvornicich, and Francesco Romani. On computing the density of integers of the form $2^n + p$. *Mathematics of Computation*, 89(325): 2365–2386, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03537-6>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03537-6/S0025-5718-2020-03537-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=150045>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=313164>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=600466>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=61055>.
- DeTeran:2020:BEC**
- [De 20] Fernando De Terán. Backward error and conditioning of Fiedler companion linearizations. *Mathematics of Computation*, 89(323): 1259–1300, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03480-4>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03480-4/S0025-5718-2019-03480-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=De%20Teran%20C%20Fernando>.
- Dus:2025:NSP**
- [DE25] Mathias Dus and Virginie Ehrlacher. Numerical solution of Poisson partial differential equation in high dimension using two-layer neural networks. *Mathematics of Computation*, 94(351): 159–208, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03971-6>.
- DiRocco:2022:SHB**
- [DEG22] Sandra Di Rocco, David Eklund, and Oliver Gäfvert. Sampling and

homology via bottlenecks. *Mathematics of Computation*, 91(338): 2969–2995, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03757-1/S0025-5718-2022-03757-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gafvert%2C%20Oliver>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=606949>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=906385>. [DGJ20]

Dembele:2022:EAS

[Dem22]

Lassina Dembélé. On the existence of abelian surfaces with everywhere good reduction. *Mathematics of Computation*, 91(335): 1381–1403, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03692-3>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03692-3/S0025-5718-2021-03692-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Dembele%2C%20Lassina>.

Despres:2022:TMR

[DES22]

Bruno Després, Maria El Ghaoui, and Toni Sayah. A Trefftz method with reconstruction of the normal derivative applied to elliptic equations. *Mathematics of Computation*, 91(338): 2645–2679, November 2022. CODEN MCMPAF. ISSN 0025-

5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03756-X/S0025-5718-2022-03756-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Despres%2C%20Bruno>; <https://www.ams.org/mathscinet/search/authors.html?authorName=El%20Ghaoui%2C%20Maria>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=704612>.

Daniels:2020:TRE

Harris B. Daniels and Enrique González-Jiménez. On the torsion of rational elliptic curves over sextic fields. *Mathematics of Computation*, 89(321): 411–435, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03440-3>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03440-3/S0025-5718-2019-03440-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1105200>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=703386>.

Dahmen:2020:ANS

Wolfgang Dahmen, Felix Gruber, and Olga Mula. An adaptive nested source term iteration for radiative transfer equations. *Mathematics of Computation*, 89(324):1605–1646, July 2020. CODEN MCMPAF. ISSN 0025-

5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03505-4>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03505-4/S0025-5718-2020-03505-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gruber%2C%20Felix>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1027794>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=54100>.

Dick:2022:CCC

[DGS22]

Josef Dick, Takashi Goda, and Kosuke Suzuki. Component-by-component construction of randomized rank-1 lattice rules achieving almost the optimal randomized error rate. *Mathematics of Computation*, 91(338):2771–2801, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03769-8/S0025-5718-2022-03769-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1057946>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=735535>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=936012>.

DiRocco:2026:CED

[DGS26]

Sandra Di Rocco, Lukas Gustafsson, and Luca Sodomaco. Conditional Euclidean distance op-

timization via relative tangency. *Mathematics of Computation*, 95(357):477–524, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04047-X>.

Drake:2022:CAS

Dow Drake, Jay Gopalakrishnan, Joachim Schöberl, and Christoph Wintersteiger. Convergence analysis of some tent-based schemes for linear hyperbolic systems. *Mathematics of Computation*, 91(334):699–733, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03686-8>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03686-8/S0025-5718-2021-03686-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Schoberl%2C%20Joachim>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1237024>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1241583>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=661361>.

Diao:2020:GMS

Chenzhe Diao and Bin Han. Generalized matrix spectral factorization and quasi-tight framelets with a minimum number of generators. *Mathematics of Computation*, 89(326):2867–2911, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-

- 6842 (electronic). URL <https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03523-6>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03523-6/S0025-5718-2020-03523-6.pdf>.
- [DIS23] Bogdan Dina, Sorina Ionica, and Jeroen Sijsling. Isogenous hyperelliptic and non-hyperelliptic Jacobians with maximal complex multiplication. *Mathematics of Computation*, 92(339):349–383, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03776-5/S0025-5718-2022-03776-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1476109>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=891818>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=974789>. [DKS25]
- [DK21] Maria Dostert and Alexander Kolpakov. Kissing number in non-Euclidean spaces of constant sectional curvature. *Mathematics of Computation*, 90(331):2507–2525, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03622-4>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1165370>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=774696>.
- [DK23] Daniel Delbourgo and Heiko Knospe. On Iwasawa λ -invariants for abelian number fields and random matrix heuristics. *Mathematics of Computation*, 92(342):1817–1836, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03823-6>.
- [DKS25] Karma Dajani, Cor Kraaikamp, and Slade Sanderson. A unifying theory for metrical results on regular continued fraction convergents and mediant. *Mathematics of Computation*, 94(356):3101–3144, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04046-8>.
- [DL22] Benjamin Dörich and Jan Leibold. Full discretization error analysis of exponential integrators for semilinear wave equations. *Mathematics of Computation*, 91(336):1687–1709, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842

(electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03736-4>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03736-4/S0025-5718-2022-03736-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Dorich%20Benjamin>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1385394>. [DMM20]

Dong:2021:HAB

[DLL21]

Heping Dong, Jun Lai, and Pei-jun Li. A highly accurate boundary integral method for the elastic obstacle scattering problem. *Mathematics of Computation*, 90(332):2785–2814, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03660-1>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03660-1/S0025-5718-2021-03660-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Dong%20Heping>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lai%20Jun>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=682916>. [DM24]

DeRyck:2024:EAD

[DM24]

T. De Ryck and S. Mishra. Error analysis for deep neural network approximations of parametric hyperbolic conservation laws. *Mathematics of Computation*, 93(350):2643–2677, November 2024.

CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2023-03934-5>.

Delecroix:2020:ALM

Vincent Delecroix, Carlos Matheus, and Carlos Gustavo Moreira. Approximations of the Lagrange and Markov spectra. *Mathematics of Computation*, 89(325):2521–2536, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03513-3>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03513-3/S0025-5718-2020-03513-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1026380>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=366894>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=730493>.

Dong:2024:CEB

Ruiwen Dong, Stephen Melczer, and Marc Mezzarobba. Computing error bounds for asymptotic expansions of regular P -recursive sequences. *Mathematics of Computation*, 93(346):977–1017, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03888-1>.

Dietzel:2023:EFA

- [DMV23] C. Dietzel, P. Menchón, and L. Vendramin. On the enumeration of finite L -algebras. *Mathematics of Computation*, 92(341): 1363–1381, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03814-5/S0025-5718-2023-03814-5.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Menchon%2C%20P.](https://www.ams.org/mathscinet/search/authors.html?authorName=Menchon%2C%20P.;); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1305522>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=829575> [DOS20]

Doerr:2022:SDB

- [Doe22] Benjamin Doerr. A sharp discrepancy bound for jittered sampling. *Mathematics of Computation*, 91(336):1871–1892, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03727-3>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03727-3/S0025-5718-2022-03727-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=667218>

Dvorakova:2023:ART

- [DOP23] L’ubomíra Dvoráková, Daniela Opocenská, and Edita Pelantová. Asymptotic repetitive threshold of balanced sequences. *Mathematics of Computation*, 92(341): 1403–1429, May 2023. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03816-9/S0025-5718-2023-03816-9.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Dvorakova%2C%20L%27ubomira](https://www.ams.org/mathscinet/search/authors.html?authorName=Dvorakova%2C%20L%27ubomira;); <https://www.ams.org/mathscinet/search/authors.html?authorName=Opocenska%2C%20Daniela>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pelantova%2C%20Edita>.

Duran:2020:SSP

Ricardo G. Durán, Enrique Otárola, and Abner J. Salgado. Stability of the Stokes projection on weighted spaces and applications. *Mathematics of Computation*, 89(324): 1581–1603, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03509-1>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03509-1/S0025-5718-2020-03509-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Duran%2C%20Ricardo%20G.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Otarola%2C%20Enrique>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=847180>.

- [DPRT24] **Dummigan:2024:QFP**
 N. Dummigan, A. Pacetti, G. Rama, and G. Tornarà. Quinary forms and paramodular forms. *Mathematics of Computation*, 93(348):1805–1858, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2024-03815-2>. [DS21]
- [DS20a] **Du:2020:NAT**
 Shukai Du and Francisco-Javier Sayas. New analytical tools for HDG in elasticity, with applications to elastodynamics. *Mathematics of Computation*, 89(324):1745–1782, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03499-3; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03499-3.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1303285; https://www.ams.org/mathscinet/search/authors.html?mrauthid=621885>. [dSKJV23]
- [DS20b] **Duarte:2020:ITP**
 Eliana Duarte and Alexandra Seceleanu. Implicitization of tensor product surfaces via virtual projective resolutions. *Mathematics of Computation*, 89(326):3023–3056, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03548-0; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03548-0.pdf>. **Du:2021:NDH**
 Shukai Du and Francisco-Javier Sayas. A note on devising HDG+ projections on polyhedral elements. *Mathematics of Computation*, 90(327):65–79, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03573-X; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03573-X/S0025-5718-2020-03573-X.pdf>. **diSerafino:2023:LLS**
 Daniela di Serafino, Natasa Krejić, Natasa Krklec Jerinkić, and Marco Viola. LSOS: Line-search second-order stochastic optimization methods for non-convex finite sums. *Mathematics of Computation*, 92(341):1273–1299, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL [https://www.ams.org/](https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03802-3/S0025-5718-2022-03802-3.pdf; https://www.ams.org/)

mathscinet/search/authors.html?authorName=Krejcic%2C%20Natasa; <https://www.ams.org/mathscinet/search/authors.html?authorName=Krklec%20Jerinkic%2C%20Natasa>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1197355>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=811010>. [DSW22]

Dusson:2023:AFS

[DSS23]

Geneviève Dusson, Israel Michael Sigal, and Benjamin Stamm. Analysis of the Feshbach–Schur method for the Fourier spectral discretizations of Schrödinger operators. *Mathematics of Computation*, 92(339):217–249, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03774-1/S0025-5718-2022-03774-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Dusson%2C%20Genevieve>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=161895>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=824171>. [Dua21]

Diening:2023:ION

[DST23]

Lars Diening, Johannes Storn, and Tabea Tscherpel. Interpolation operator on negative Sobolev spaces. *Mathematics of Computation*, 92(342):1511–1541, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03824-8>.

Dahmen:2022:ACD

Wolfgang Dahmen, Rob Stevenson, and Jan Westerdiep. Accuracy controlled data assimilation for parabolic problems. *Mathematics of Computation*, 91(334):557–595, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03680-7>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03680-7/S0025-5718-2021-03680-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1356589>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=310898>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=54100>.

Duan:2021:FSM

Lian Duan. Faltings–Serre method on three dimensional self-dual representations. *Mathematics of Computation*, 90(328):931–951, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03591-1>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03591-1/S0025-5718-2020-03591-1.pdf>.

- [EG24] **Ehler:2024:AAM**
 Martin Ehler and Karlheinz Gröchenig. An abstract approach to Marcinkiewicz–Zygmund inequalities for approximation and quadrature in modulation spaces. *Mathematics of Computation*, 93(350):2885–2919, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2023-03930-8>.
- [EGH25] **Eymard:2025:OEB**
 Robert Eymard, Thierry Gallouët, and Raphaële Herbin. Optimal error bounds for the two-point flux approximation finite volume scheme. *Mathematics of Computation*, 94(355):2271–2298, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04033-4>.
- [EGL24] **Esedoglu:2024:MFM**
 Selim Esedoğlu, Jiajia Guo, and David Li. On median filters for motion by mean curvature. *Mathematics of Computation*, 93(350):2679–2710, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03940-6>.
- [EH20] **Elliott:2020:SOS**
 Charles M. Elliott and Philip J. Herbert. Second order splitting of a class of fourth order PDEs with point constraints. *Mathematics of Computation*, 89(326):2613–2648, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03556-X; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03556-X/S0025-5718-2020-03556-X.pdf>.
- [EHP22] **Ernvall-Hytonen:2022:EBN**
 Anne-Maria Ernvall-Hytönen and Neea Palojarvi. Explicit bound for the number of primes in arithmetic progressions assuming the Generalized Riemann Hypothesis. *Mathematics of Computation*, 91(335):1317–1365, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03691-7; https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03691-7/S0025-5718-2022-03691-7.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ernvall-Hytonen%2C%20Anne-Maria; https://www.ams.org/mathscinet/search/authors.html?authorName=Palojarvi%2C%20Neea>.
- [ELM⁺24] **Elder:2024:HPA**
 Jennifer Elder, Nadia Lafrenière, Erin McNicholas, Jessica Striker, and Amanda Welch. Homomesies on permutations: an analysis of maps and statistics in

the FindStat database. *Mathematics of Computation*, 93(346): 921–976, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03866-2>.

Eddargani:2026:QRS

[EMS26]

Salah Eddargani, Carla Manni, and Hendrik Speleers. Quadrature rules for splines of high smoothness on uniformly refined triangles. *Mathematics of Computation*, 95(357): 321–338, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04058-4>. [ERS21]

Elvetun:2024:IST

[EN24]

Ole Løseth Elvetun and Bjørn Fredrik Nielsen. Identifying the source term in the potential equation with weighted sparsity regularization. *Mathematics of Computation*, 93(350):2811–2836, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03941-8>.

Ergur:2021:SAC

[EPR21]

Alperen A. Ergür, Grigoris Paouris, and J. Maurice Rojas. Smoothed analysis for the condition number of structured real polynomial systems. *Mathematics of Computation*, 90(331): 2161–2184, September 2021. CODEN MCMPAF. ISSN 0025- [ES24]

5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03647-9; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03647-9.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ergur%2C%20Alperen%20A.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=354192; https://www.ams.org/mathscinet/search/authors.html?mrauthid=671202>.

Ettahri:2021:FMP

S. Ettahri, O. Ramaré, and L. Sural. Fast multi-precision computation of some Euler products. *Mathematics of Computation*, 90(331):2247–2265, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03630-3; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03630-3/S0025-5718-2021-03630-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ettahri%2C%20S.; https://www.ams.org/mathscinet/search/authors.html?authorName=Ramare%2C%200.; https://www.ams.org/mathscinet/search/authors.html?authorName=Sural%2C%20L>.

Elsenhans:2024:MH

Andreas-Stephan Elsenhans and

Michael Stoll. Minimization of hypersurfaces. *Mathematics of Computation*, 93(349):2513–2555, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03924-8>.

Ern:2020:SBP

[FGN20]

[EV20]

Alexandre Ern and Martin Vohralík. Stable broken H^1 and $H(\text{div})$ polynomial extensions for polynomial-degree-robust potential and flux reconstruction in three space dimensions. *Mathematics of Computation*, 89(322):551–594, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03482-8; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03482-8/S0025-5718-2019-03482-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Vohralik%2C%20Martin; https://www.ams.org/mathscinet/search/authors.html?mrauthid=349433>.

Feischl:2022:ISS

[FH25]

[Fei22]

Michael Feischl. Inf-sup stability implies quasi-orthogonality. *Mathematics of Computation*, 91(337):2059–2094, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03748-0>;

<https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03748-0/S0025-5718-2022-03748-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=965785>

Fu:2020:ESP

Guosheng Fu, Johnny Guzmán, and Michael Neilan. Exact smooth piecewise polynomial sequences on Alfeld splits. *Mathematics of Computation*, 89(323):1059–1091, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03520-0; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03520-0/S0025-5718-2020-03520-0.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1061680; https://www.ams.org/mathscinet/search/authors.html?mrauthid=775211; https://www.ams.org/mathscinet/search/authors.html?mrauthid=824091>.

Fuhrer:2025:MFE

Thomas Führer and Norbert Heuer. Mixed finite elements for Kirchhoff–Love plate bending. *Mathematics of Computation*, 94(353):1065–1099, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03995-9>.

- [FJRR21] **Friedman:2021:MFA**
 Eduardo Friedman, Fredrik Johansson, and Gabriel Ramirez-Raposo. The minimal Fried average entropy for higher-rank Cartan actions. *Mathematics of Computation*, 90(328):973–978, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03582-0>; [https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03582-0.pdf](https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03582-0/S0025-5718-2020-03582-0.pdf).
- [FKRS21] **Fruhbis-Kruger:2021:EDA**
 Anne Frühbis-Krüger, Lukas Ristau, and Bernd Schober. Embedded desingularization for arithmetic surfaces — toward a parallel implementation. *Mathematics of Computation*, 90(330):1957–1997, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03624-8>; [https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03624-8.pdf](https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03624-8/S0025-5718-2021-03624-8.pdf); <https://www.ams.org/mathscinet/search/authors.html?authorName=Frühbis-Kruger%2C%20Anne>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Ristau%2C%20Lukas>.
- [FKRT24] **Feng:2024:LPS**
 Jinchao Feng, Charles Kulick, Yunxiang Ren, and Sui Tang. Learning particle swarming models from data with Gaussian processes. *Mathematics of Computation*, 93(349):2391–2437, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03915-1>.
- [Fla20] **Flammang:2020:ASS**
 V. Flammang. An analog to the Schur–Siegel–Smyth trace problem. *Mathematics of Computation*, 89(325):2387–2398, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03518-2>; [https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03518-2.pdf](https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03518-2/S0025-5718-2020-03518-2.pdf); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=360354>.
- [Fla21] **Flammang:2021:UBU**
 V. Flammang. Upper bounds for the usual measures of totally positive algebraic integers with house less than 5.8. *Mathematics of Computation*, 90(327):379–388, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL [https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03580-7](https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03580-7); <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03580-7/S0025-5718-2020-03580-7.pdf>.

Feireisl:2022:AVS

[FLMSS22]

Eduard Feireisl, Mária Lukáčová-Medvid'ová, Simon Schneider, and Bangwei She. Approximating viscosity solutions of the Euler system. *Mathematics of Computation*, 91(337):2129–2164, September 2022. CODEN MCMPAF. ISSN 0025-5718 [FMP21] (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03738-8>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03738-8/S0025-5718-2022-03738-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lukacova-Medvid%27ova%2C%20Maria>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Schneider%2C%20Simon>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1165111>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=65780>.

Ferretti:2020:SSL

[FM20]

Roberto Ferretti and Michel Mehrenberger. Stability of Semi-Lagrangian schemes of arbitrary odd degree under constant and variable advection speed. *Mathematics of Computation*, 89(324):

1783–1805, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL [https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03494-4](https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03494-4); <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03494-4/S0025-5718-2019-03494-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=272089>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=736186>.

Faustmann:2021:QOC

Markus Faustmann, Jens Markus Melenk, and Dirk Praetorius. Quasi-optimal convergence rate for an adaptive method for the integral fractional Laplacian. *Mathematics of Computation*, 90(330):1557–1587, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03603-0>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03603-0/S0025-5718-2021-03603-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1123286>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=613978>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702616>.

Feng:2024:LTE

Yue Feng, Georg Maierhofer, and Katharina Schratz. Long-time error bounds of low-

regularity integrators for nonlinear Schrödinger equations. *Mathematics of Computation*, 93(348): 1569–1598, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03922-9>.

Franco:2023:DLA

[FMZ23]

Nicola R. Franco, Andrea Manzoni, and Paolo Zunino. A deep learning approach to Reduced Order Modelling of parameter dependent partial differential equations. *Mathematics of Computation*, 92(340): 483–524, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03781-9/S0025-5718-2022-03781-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Franco%2CNicola%20R.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=690612>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=948813>. [FP20]

Farrell:2022:FEA

[FOS22]

Patrick Farrell, Pablo Alexei Gazca Orozco, and Endre Süli. Finite element approximation and preconditioning for anisothermal flow of implicitly-constituted non-Newtonian fluids. *Mathematics of Computation*, 91(334): 659–697, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [FP22]

URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03703-5>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03703-5/S0025-5718-2021-03703-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gazca%20Pablo%20Alexei>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=168795>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=873997>.

Fiordilino:2020:DHI

Joseph A. Fiordilino and Ali Pakzad. A discrete Hopf interpolant and stability of the finite element method for natural convection. *Mathematics of Computation*, 89(322): 629–643, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03489-0>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03489-0/S0025-5718-2019-03489-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1072925>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1236501>.

Faverjon:2022:ARR

Colin Faverjon and Marina Poulet. An algorithm to recognize regular singular Mahler systems. *Mathematics of Computation*, 91(338):2905–2928, November 2022.

- CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03758-3/S0025-5718-2022-03758-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Poulet%2C%20Marina>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=969708>. [Fre23]
- Friesecke:2025:CPG**
- [FP25] Gero Friesecke and Maximilian Penka. Convergence proof for the GenCol algorithm in the case of two-marginal optimal transport. *Mathematics of Computation*, 94(351):263–275, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03968-6>. [FRS25]
- Frei:2022:CAE**
- [FR22] Christopher Frei and Rodolphe Richard. Constructing abelian extensions with prescribed norms. *Mathematics of Computation*, 91(333):381–399, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03663-7>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03663-7/S0025-5718-2021-03663-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=875874>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=938397>. [FS20]
- Frengley:2023:CEC**
- Sam Frengley. Congruences of elliptic curves arising from nonsurjective mod N Galois representations. *Mathematics of Computation*, 92(339):409–450, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03770-4/S0025-5718-2022-03770-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Frengley%2C%20Sam>.
- Frommer:2025:ASP**
- Andreas Frommer, Michele Rinelli, and Marcel Schweitzer. Analysis of stochastic probing methods for estimating the trace of functions of sparse symmetric matrices. *Mathematics of Computation*, 94(352):801–823, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03984-4>.
- Fiori:2020:ALC**
- Andrew Fiori and Andrew Shal-
lue. Average liar count for degree-2 Frobenius pseudoprimes. *Mathematics of Computation*, 89(321):493–514, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03452-X>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03452-X>.

org/journals/mcom/2020-89-321/S0025-5718-2019-03452-X/S0025-5718-2019-03452-X.pdf; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=805175>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=997971>■

Filaseta:2021:PBC

- [FS21] Michael Filaseta and Jeremiah Southwick. Primes that become composite after changing an arbitrary digit. *Mathematics of Computation*, 90(328): 979–993, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03593-5>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03593-5/S0025-5718-2020-03593-5.pdf>. [FSTW25]

Feliu:2022:KRF

- [FS22] Elisenda Feliu and AmirHosein Sadeghimanesh. Kac–Rice formulas and the number of solutions of parametrized systems of polynomial equations. *Mathematics of Computation*, 91(338): 2739–2769, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03760-1/S0025-5718-2022-03760-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1311158>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=865998>■

<https://www.ams.org/mathscinet/search/authors.html?mrauthid=865998>■

Fu:2024:DQP

Hang Fu and Michael Stoll. Dynamics of quadratic polynomials and rational points on a curve of genus 4. *Mathematics of Computation*, 93(345): 397–410, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03883-2>.

Fu:2025:ABC

Fengyu Fu, Chi-Wang Shu, Qi Tao, and Boying Wu. Analysis of the boundary conditions for the ultraweak-local discontinuous Galerkin method of time-dependent linear fourth-order problems. *Mathematics of Computation*, 94(351): 123–158, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03955-8>.

Fu:2024:EDI

Zhaohui Fu, Tao Tang, and Jiang Yang. Energy diminishing implicit–explicit Runge–Kutta methods for gradient flows. *Mathematics of Computation*, 93(350): 2745–2767, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03950-9>.

- [Füh22] **Fuhrer:2022:MDN**
 Thomas Führer. Multilevel decompositions and norms for negative order Sobolev spaces. *Mathematics of Computation*, 91(333): 183–218, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03674-1>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03674-1/S0025-5718-2021-03674-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1017746> [GAHW21]
- [FW20] **Friedland:2020:SNS**
 Shmuel Friedland and Li Wang. Spectral norm of a symmetric tensor and its computation. *Mathematics of Computation*, 89(325): 2175–2215, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03525-X>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03525-X/S0025-5718-2020-03525-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Li>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=69405>
- [FW23] **Falk:2023:CPP** [Gal23]
 Richard S. Falk and Ragnar Winther. Construction of polynomial preserving cochain extensions by blending. *Mathematics of Computation*, 92(342): 1575–1594, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03819-4>
- Giesl:2021:MDI**
 Peter Giesl, Carlos Argáez, Sigurdur Hafstein, and Holger Wendland. Minimization with differential inequality constraints applied to complete Lypunov functions. *Mathematics of Computation*, 90(331):2137–2160, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03629-7>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03629-7/S0025-5718-2021-03629-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Argaez%2C%20Carlos>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=602098>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=697182>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=725648>
- Gallistl:2023:MML**
 Dietmar Gallistl. Mixed methods and lower eigenvalue bounds. *Mathematics of Computation*, 92(342):1491–1509, July 2023. CODEN MCMPAF. ISSN 0025-

- 5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03820-0>.
- Gu:2023:IDA**
- [GCL23] Huipeng Gu, Mingchao Cai, and Jingzhi Li. An iterative decoupled algorithm with unconditional stability for Biot model. *Mathematics of Computation*, 92(341):1087–1108, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03809-1/S0025-5718-2023-03809-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gu%2C%20Huipeng;https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Jingzhi;https://www.ams.org/mathscinet/search/authors.html?mrauthid=724403>.
- Gutleb:2022:CEM**
- [GCO22] Timon S. Gutleb, José A. Carrillo, and Sheehan Olver. Computing equilibrium measures with power law kernels. *Mathematics of Computation*, 91(337):2247–2281, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03740-6;https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03740-6/S0025-5718-2022-03740-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Carrillo%2C%20Jose%20A.;https://>
- GdLL25**
- [GdLL25] Felipe Gonçalves, David de Laat, and Nando Leijenhorst. Multiplicity of nontrivial zeros of primitive L -functions via higher-level correlations. *Mathematics of Computation*, 94(354):2041–2058, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04005-X>.
- Guglielmi:2026:CNO**
- Nicola Guglielmi, Arturo De Marinis, Anton Savostianov, and Francesco Tudisco. Contractivity of neural ODEs: an eigenvalue optimization problem. *Mathematics of Computation*, 95(357):293–319, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04059-6>.
- Grasegger:2024:CCM**
- Georg Grasegger, Boulos El Hilany, and Niels Lubbes. Coupler curves of moving graphs and counting realizations of rigid graphs. *Mathematics of Computation*, 93(345):459–504, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345-459-504.pdf>.

- org/journals/mcom/2024-93-345/S0025-5718-2023-03886-8.
- Gu:2024:RAS**
- [GG24] Ran Gu and Bing Gao. A random active set method for strictly convex quadratic problem with simple bounds. *Mathematics of Computation*, 93(350):2837–2860, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03982-0>.
- Gess:2023:TCP**
- [GGKO23] Benjamin Gess, Rishabh S. Gvalani, Florian Kunick, and Felix Otto. Thermodynamically consistent and positivity-preserving discretization of the thin-film equation with thermal noise. *Mathematics of Computation*, 92(343):1931–1976, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03830-3>.
- Gopalakrishnan:2020:SDE**
- [GGO20] Jay Gopalakrishnan, Luka Grubišić, and Jeffrey Owall. Spectral discretization errors in filtered subspace iteration. *Mathematics of Computation*, 89(321):203–228, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03483-X>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03483-X>.
- Gu:2024:RAS**
- pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Grubisic%2C%20Luka>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=661361>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=728623>.
- Gong:2023:CRA**
- [GGS23] Shihua Gong, Ivan G. Graham, and Euan A. Spence. Convergence of restricted additive Schwarz with impedance transmission conditions for discretised Helmholtz problems. *Mathematics of Computation*, 92(339):175–215, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03772-8/S0025-5718-2022-03772-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1240731>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=76020>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=858295>.
- Garde:2022:SRC**
- [GH22] Henrik Garde and Nuutti Hyvönen. Series reversion in Calderón’s problem. *Mathematics of Computation*, 91(336):1925–1953, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03729-9>.

- 7; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03729-7/S0025-5718-2022-03729-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hyvonen%20Nuutti>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1077217>. [GHS23]
- [GHM24] Morgan Görtz, Fredrik Hellman, and Axel Målqvist. Iterative solution of spatial network models by subspace decomposition. *Mathematics of Computation*, 93(345): 233–258, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03861-3>. **Gortz:2024:ISS**
- [GHPS21] Gregor Gantner, Alexander Haberl, Dirk Praetorius, and Stefan Schimanko. Rate optimality of adaptive finite element methods with respect to overall computational costs. *Mathematics of Computation*, 90(331): 2011–2040, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03654-6>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03654-6/S0025-5718-2021-03654-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1107233>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1147415>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1311878>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702616>. **Griebel:2023:LRA**
- [GI23] Michael Griebel, Helmut Harbrecht, and Reinhold Schneider. Low-rank approximation of continuous functions in Sobolev spaces with dominating mixed smoothness. *Mathematics of Computation*, 92(342): 1729–1746, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03813-3>. **Gao:2023:EFM**
- [GJL⁺24] Jing Gao and Arie Iserles. On an extended Filon method for highly oscillatory integrals over a simplex. *Mathematics of Computation*, 92(340): 867–893, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03797-2/S0025-5718-2022-03797-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gao%20Jing>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=91725>. **Goedgebeur:2024:FHC**
- Jan Goedgebeur, Jorik Jookan, On-Hei Solomon Lo, Ben Seamone, and Carol T. Zamfirescu.

Few Hamiltonian cycles in graphs with one or two vertex degrees. *Mathematics of Computation*, 93(350):3059–3082, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03943-1>.

Gonzalez–Jimenez:2020:GTG

[GJN20]

Enrique González-Jiménez and Filip Najman. Growth of torsion groups of elliptic curves upon base change. *Mathematics of Computation*, 89(323):1457–1485, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03478-6>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03478-6/S0025-5718-2019-03478-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=703386>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=886852>.

Giesselmann:2026:TSS

[GK26]

Jan Giesselmann and Sam G. Krupa. Theory of shifts, shocks, and the intimate connections to L^2 -type A posteriori error analysis of numerical schemes for hyperbolic problems. *Mathematics of Computation*, 95(357):147–225, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04043-2>.

[GKL⁺21]

[org/journals/mcom/2026-95-357/S0025-5718-2025-04043-2](https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04043-2).

Granger:2021:CBB

Robert Granger, Thorsten Kleinjung, Arjen K. Lenstra, Benjamin Wesolowski, and Jens Zumbrägel. Computation of a 30750-bit binary field discrete logarithm. *Mathematics of Computation*, 90(332):2997–3022, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03669-8>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03669-8/S0025-5718-2021-03669-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=112545>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1163085>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=704259>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=744248>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=843678>.

Grekas:2025:CDG

[GKMV25]

G. Grekas, K. Koumatos, C. Makridakis, and A. Vikelis. A class of discontinuous Galerkin methods for nonlinear variational problems. *Mathematics of Computation*, 94(355):2221–2250, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2025-04043-2>.

- org/journals/mcom/2025-94-355/S0025-5718-2025-04040-7.
- Grzeskowiak:2025:SC**
- [GKPR25] Maciej Grzeskowiak, Jerzy Kaczorowski, Lukasz Pańkowski, and Maciej Radziejewski. On the sign changes of $\psi(x) - x$. *Mathematics of Computation*, 94(356):3083–3100, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04053-5>.
- Gilbert:2022:EBS**
- [GKS22] Alexander D. Gilbert, Frances Y. Kuo, and Ian H. Sloan. Equivalence between Sobolev spaces of first-order dominating mixed smoothness and unanchored ANOVA spaces on $\mathbb{R}^d$. *Mathematics of Computation*, 91(336):1837–1869, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03718-2>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1225284>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=163675>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=703418>.
- Goda:2024:RTR**
- [GKS24] Takashi Goda, Yoshihito Kazashi, and Yuya Suzuki. Randomizing the trapezoidal rule gives the optimal RMSE rate in Gaussian Sobolev spaces. *Mathematics of Computation*, 93(348):1655–1676, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03910-2>.
- Greenwood:2024:DCM**
- [GKW24] Torin Greenwood, Jonathan Kariv, and Noah Williams. From discrete to continuous: Monochromatic 3-term arithmetic progressions. *Mathematics of Computation*, 93(350):2959–2983, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03970-4>.
- Guglielmi:2020:NIL**
- Nicola Guglielmi, María López-Fernández, and Giancarlo Nino. Numerical inverse Laplace transform for convection-diffusion equations. *Mathematics of Computation*, 89(323):1161–1191, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03497-8>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2020-03497-8/S0025-5718-2020-03497-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lopez-Fernandez%20Maria>; <https://www.ams.org/mathscinet/search/>

- authors.html?authorName=Nino%2C%20Giancarlo; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=603494>.
- Guzman:2022:ESW**
- [GLN22] Johnny Guzmán, Anna Lischke, and Michael Neilan. Exact sequences on Worsey–Farin splits. *Mathematics of Computation*, 91(338):2571–2608, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03746-7/S0025-5718-2022-03746-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1214513>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=775211>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=824091>. [GM21]
- Gamanda:2020:STB**
- [GLNY20] Maroua Gamanda, Henri Lombardi, Stefan Neuwirth, and Ihsen Yengui. The syzygy theorem for Bézout rings. *Mathematics of Computation*, 89(322):941–964, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03466-X>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03466-X/S0025-5718-2019-03466-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1235530>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=277650>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=635157>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=657905>. [GM24]
- Gkanis:2021:NCE**
- Ioannis Gkanis and Charalambos G. Makridakis. A new class of entropy stable schemes for hyperbolic systems: Finite element methods. *Mathematics of Computation*, 90(330):1663–1699, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03617-0>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03617-0/S0025-5718-2021-03617-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gkanis%2C%20Ioannis>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=289627>. [GM25a]
- Gautschi:2024:RID**
- Walter Gautschi and Gradimir V. Milovanović. A Ramanujan integral and its derivatives: computation and analysis. *Mathematics of Computation*, 93(347):1297–1308, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03892-3>.
- Gajovic:2025:CAH**
- Stevan Gajović and J. Steffen

- Müller. Computing p -adic heights on hyperelliptic curves. *Mathematics of Computation*, 94(354):2059–2088, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04028-0>. [GMZ20]
- [GM25b] Loïc Grenié and Giuseppe Molteni. Breaking the 4 barrier for the bound of a generating set of the class group. *Mathematics of Computation*, 94(356):3145–3163, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04114-0>. **Grenie:2025:BBB**
- [GMS21] Marcus J. Grote, Simon Michel, and Stefan A. Sauter. Stabilized leapfrog based local time-stepping method for the wave equation. *Mathematics of Computation*, 90(332):2603–2643, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03650-9; https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03650-9/S0025-5718-2021-03650-9.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Michel%2C%20Simon; https://www.ams.org/mathscinet/search/authors.html?mrauthid=313335>. [GNT24]
- <https://www.ams.org/mathscinet/search/authors.html?mrauthid=360720>. **Goedgebeur:2020:GFH**
- Jan Goedgebeur, Barbara Meersman, and Carol T. Zamfirescu. Graphs with few Hamiltonian cycles. *Mathematics of Computation*, 89(322):965–991, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03465-8; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03465-8/S0025-5718-2019-03465-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Meersman%2C%20Barbara; https://www.ams.org/mathscinet/search/authors.html?mrauthid=756214; https://www.ams.org/mathscinet/search/authors.html?mrauthid=945364>. **Gawlik:2025:FEA**
- [GN25] Evan S. Gawlik and Michael Neunteufel. Finite element approximation of scalar curvature in arbitrary dimension. *Mathematics of Computation*, 94(356):2685–2722, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04038-3>. **Gallouet:2024:GEV**
- Thomas O. Gallouët, Andrea Natale, and Gabriele Todeschi. From

geodesic extrapolation to a variational BDF2 scheme for Wasserstein gradient flows. *Mathematics of Computation*, 93(350):2769–2810, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03951-0>. [Gos20]

Griebel:2020:SSC

[GO20] Michael Griebel and Peter Oswald. Stochastic subspace correction methods and fault tolerance. *Mathematics of Computation*, 89(321):279–312, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03451-8; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03451-8/S0025-5718-2019-03451-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Oswald%2C%20Peter; https://www.ams.org/mathscinet/search/authors.html?mrauthid=270664>. [GP24]

MC-68360010

[God26] Takashi Goda. A randomized lattice rule without component-by-component construction. *Mathematics of Computation*, 95(357):339–361, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04051-1>. [GPS24]

Gosse:2020:ATD

Laurent Gosse. Aliasing and two-dimensional well-balanced for drift-diffusion equations on square grids. *Mathematics of Computation*, 89(321):139–168, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03451-8; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03451-8/S0025-5718-2019-03451-8.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=611045>.

Guglielmi:2024:CSG

Nicola Guglielmi and Vladimir Yu. Protasov. Computing the spectral gap of a family of matrices. *Mathematics of Computation*, 93(345):259–291, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03856-X>.

Goldston:2024:ECS

Daniel A. Goldston, Apoorva Panidapu, and Jordan Schettler. Explicit calculations for Sono’s multidimensional sieve of E_2 -numbers. *Mathematics of Computation*, 93(350):2943–2958, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03951-0>.

- org/journals/mcom/2024-93-350/S0025-5718-2024-03938-8.
- Gnewuch:2021:GFI**
- [GPW21] Michael Gnewuch, Hendrik Pasing, and Christian Weiß. A generalized Faulhaber inequality, improved bracketing covers, and applications to discrepancy. *Mathematics of Computation*, 90(332): 2873–2898, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03666-2>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03666-2/S0025-5718-2021-03666-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Weiss%2C%20Christian>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1392287>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=728124>.
- Graham:2020:SFE**
- [GS20] I. G. Graham and S. A. Sauter. [GS23] Stability and finite element error analysis for the Helmholtz equation with variable coefficients. *Mathematics of Computation*, 89(321):105–138, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03457-9>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03457-9/S0025-5718-2019-03457-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sauter%2C%20S.%20A.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=76020>.
- Gjerde:2022:NMN**
- Ingeborg G. Gjerde and L. Ridgway Scott. Nitsche’s method for Navier–Stokes equations with slip boundary conditions. *Mathematics of Computation*, 91(334): 597–622, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03682-0>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03682-0/S0025-5718-2021-03682-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1339212>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=157720>.
- Gopalakrishnan:2023:SSA**
- Jay Gopalakrishnan and Zheng Sun. Stability of structure-aware Taylor methods for tents. *Mathematics of Computation*, 92(341): 1061–1086, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03811-X>; <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03811-X/S0025-5718-2023-03811-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sun%2C%20Zheng>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=157720>.

- search/authors.html?mrauthid=661361.
- [GSTZ22] Bo Gong, Jiguang Sun, Tiara Turner, and Chunxiong Zheng. Finite element/holomorphic operator function method for the transmission eigenvalue problem. *Mathematics of Computation*, 91(338):2517–2537, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03767-4/S0025-5718-2022-03767-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Gong%2C%20Bo;> <https://www.ams.org/mathscinet/search/authors.html?authorName=Zheng%2C%20Chunxiong;> <https://www.ams.org/mathscinet/search/authors.html?mrauthid=738684;> <https://www.ams.org/mathscinet/search/authors.html?mrauthid=995099>.
- [GSW23] Robert M. Guralnick, John Shareshian, and Russ Woodroofe. On invariable generation of alternating groups by elements of prime and prime power order. *Mathematics of Computation*, 92(341):1349–1361, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03807-8/S0025-5718-2023-03807-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=618746>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=656572>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=78455>.
- [GSY23] Gary R. W. Greaves, Jeven Syatriadi, and Pavlo Yatsyna. Equiangular lines in Euclidean spaces: Dimensions 17 and 18. *Mathematics of Computation*, 92(342):1867–1903, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03832-7>.
- [GWWZ24] Dietmar Gallistl and Ngoc Tien Tran. Convergence of a regularized finite element discretization of the two-dimensional Monge–Ampère equation. *Mathematics of Computation*, 92(342):1467–1490, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03794-2>.
- [Guo2024:CAP] Yunzhuo Guo, Cheng Wang, Steven M. Wise, and Zhengru Zhang. Convergence analysis of a positivity-preserving numerical scheme for the Cahn–Hilliard–Stokes system with Flory–Huggins energy potential. *Mathematics of Computation*, 93(349):2185–2214, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/mathscinet/search/authors.html?mrauthid=618746>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=656572>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=78455>.

- org/journals/mcom/2024-93-349/S0025-5718-2023-03916-3. [HB22]
- [Han23] Marien-Lorenzo Hanot. An arbitrary-order fully discrete Stokes complex on general polyhedral meshes. *Mathematics of Computation*, 92(343):1977–2023, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03837-6>. **Hanot:2023:AOF**
- [Har21] David Harvey. An exponent one-fifth algorithm for deterministic integer factorisation. *Mathematics of Computation*, 90(332):2937–2950, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03658-3>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03658-3/S0025-5718-2021-03658-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=734771>. [Hel20]
- [Har24] David Harvey. Faster truncated integer multiplication. *Mathematics of Computation*, 93(347):1265–1296, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2024-03939-X>. [HG26]
- Hubert:2022:AFI**
- Evelyne Hubert and Erick Rodriguez Bazan. Algorithms for fundamental invariants and equivariants of finite groups. *Mathematics of Computation*, 91(337):2459–2488, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03749-2>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03749-2/S0025-5718-2022-03749-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1219623>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=626362>.
- Helfgott:2020:ISE**
- Harald Andrés Helfgott. An improved sieve of Eratosthenes. *Mathematics of Computation*, 89(321):333–350, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03438-5>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03438-5/S0025-5718-2019-03438-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=644718>.
- Huang:2026:BCP**
- Qiao-Long Huang and Xiao-Shan Gao. Bit complexity of polynomial GCD on sparse

representation. *Mathematics of Computation*, 95(357):389–413, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04054-7>.

Harris:2020:SCC

[HH20]

Corey Harris and Martin Helmer. Segrè class computation and practical applications. *Mathematics of Computation*, 89(321):465–491, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03448-8; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03448-8/S0025-5718-2019-03448-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Harris%2C%20Corey; https://www.ams.org/mathscinet/search/authors.html?mrauthid=884722>.

Harvey:2022:LLS

[HH22]

David Harvey and Markus Hittmeir. A log-log speedup for exponent one-fifth deterministic integer factorisation. *Mathematics of Computation*, 91(335):1367–1379, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03708-4; https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03708-4/S0025-5718-2021-03708-4.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Hasegawa%2C%20Sumito; https://www.ams.org/mathscinet/search/authors.html?mrauthid=602892; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714371>.

2021-03708-4/S0025-5718-2021-03708-4.pdf; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1220564; https://www.ams.org/mathscinet/search/authors.html?mrauthid=734771>.

Hasegawa:2020:RPN

Sumito Hasegawa, Akinari Hoshi, and Aiichi Yamasaki. Rationality problem for norm one tori in small dimensions. *Mathematics of Computation*, 89(322):923–940, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03469-5; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03469-5/S0025-5718-2019-03469-5.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Hasegawa%2C%20Sumito; https://www.ams.org/mathscinet/search/authors.html?mrauthid=602892; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714371>.

Han:2023:ADF

Yongbin Han, Yanren Hou, and Min Zhang. Analysis of divergence-free H^1 conforming FEM with IMEX-SAV scheme for the Navier–Stokes equations at high Reynolds number. *Mathematics of Computation*, 92(340):557–582, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03708-4; https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03708-4.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Han%2C%20Yongbin; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714371>.

[HHY20]

[HHZ23]

org/journals/mcom/2023-92-340/S0025-5718-2022-03790-X/S0025-5718-2022-03790-X.pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hou%2C%20Yanren;> [HJ21]
<https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Min;> <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1418549>.

Hittmeir:2021:TST

[Hit21]

Markus Hittmeir. A time-space tradeoff for Lehman's deterministic integer factorization method. *Mathematics of Computation*, 90(330):1999–2010, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03623-6>; [HJ24]
<https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03623-6/S0025-5718-2021-03623-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1220564>.

Hofmann:2020:CIB

[HJ20]

Tommy Hofmann and Henri Johnston. Computing isomorphisms between lattices. *Mathematics of Computation*, 89(326):2931–2963, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; [HJLW20]
<https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03543-1>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03543-1/S0025-5718-2020-03543-1.pdf>.

1/S0025-5718-2020-03543-1.pdf.

Hare:2021:NLP

Kevin G. Hare and Jonas Jankauskas. On Newman and Littlewood polynomials with a prescribed number of zeros inside the unit disk. *Mathematics of Computation*, 90(328):831–870, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03570-4>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03570-4/S0025-5718-2020-03570-4.pdf>.

Hwang:2024:MCI

WonTae Hwang and Daeyeol Jeon. Modular curves with infinitely many quartic points. *Mathematics of Computation*, 93(345):383–395, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03864-9>.

Hoang:2020:HOE

Thi-Thao-Phuong Hoang, Lili Ju, Wei Leng, and Zhu Wang. High order explicit local time stepping methods for hyperbolic conservation laws. *Mathematics of Computation*, 89(324):1807–1842, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03543-1>.

- [HJLZ20] Zhiwei Hao, Wenrong Jiang, Nan Li, and Lihong Zhi. On isolation of simple multiple zeros and clusters of zeros of polynomial systems. *Mathematics of Computation*, 89(322): 879–909, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03479-8>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03479-8/S0025-5718-2019-03479-8.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Jiang%2C%20Wenrong](https://www.ams.org/mathscinet/search/authors.html?authorName=Jiang%2C%20Wenrong;); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1203148>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=615840>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=968435>
- [HJQ23] <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03507-8>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03507-8/S0025-5718-2020-03507-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Leng%2C%20Wei>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1047473>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=645968>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=762949>
- [Hao:2020:ISM] [HJS24] Zhiwei Hao, Diancong Jin, and Derui Sheng. Density convergence of a fully discrete finite difference method for stochastic Cahn–Hilliard equation. *Mathematics of Computation*, 93(349): 2215–2264, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03928-X>
- [Hou:2023:LSO] Dianming Hou, Lili Ju, and Zhonghua Qiao. A linear second-order maximum bound principle-preserving BDF scheme for the Allen–Cahn equation with a general mobility. *Mathematics of Computation*, 92(344):2515–2542, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03843-1>
- [Hong:2024:DCF] Qingguo Hong, Johannes Kraus, Maria Lymbery, and Fadi Philo. A new practical framework for the stability analysis of perturbed saddle-point problems and applications. *Mathematics of Computation*, 92(340): 607–634, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03795-9/S0025-5718-2022-03795-9.pdf>; <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03795-9.pdf>

- mathscinet/search/authors.html?authorName=Lymbery%2C%20Maria; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1007990>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1330732>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=672969>.
- [HKM25] Dean Hirsch, Ido Kessler, and Uri Mendlovic. Computing $\pi(N)$: an elementary approach in $\tilde{O}(\sqrt{N})$ time. *Mathematics of Computation*, 94(356):3043–3081, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04039-5>.
- [HKS21] Lukas Herrmann, Magdalena Keller, and Christoph Schwab. Quasi-Monte Carlo Bayesian estimation under Besov priors in elliptic inverse problems. *Mathematics of Computation*, 90(330):1831–1860, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03615-7>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03615-7/S0025-5718-2021-03615-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Keller%2C%20Magdalena>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1247312>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=305221>.
- [Hoshi:2022:NOT] Akinari Hoshi, Kazuki Kanai, and Aiichi Yamasaki. Norm one Tori and Hasse norm principle. *Mathematics of Computation*, 91(337):2431–2458, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03735-2>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03735-2/S0025-5718-2022-03735-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kanai%2C%20Kazuki>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=602892>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=714371>.
- [Hu:2021:CDG] Jun Hu and Yizhou Liang. Conforming discrete Gradgrad-complexes in three dimensions. *Mathematics of Computation*, 90(330):1637–1662, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03628-5>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03628-5/S0025-5718-2021-03628-5.pdf>; <https://www.ams.org/mathscinet/search/authors>.
- [HL21] Jun Hu and Yizhou Liang. Conforming discrete Gradgrad-complexes in three dimensions. *Mathematics of Computation*, 90(330):1637–1662, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03628-5>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03628-5/S0025-5718-2021-03628-5.pdf>; <https://www.ams.org/mathscinet/search/authors>.

- html?authorName=Liang%2C%20Yizhou; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=714525>.
- [HLLM25] Yukuan Hu, Mengyu Li, Xin Liu, and Cheng Meng. Sampling-based methods for multi-block optimization problems over transport polytopes. *Mathematics of Computation*, 94(353):1281–1322, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03989-3>.
- [HLMT21] R. Herbin, J.-C. Latché, S. Minjeaud, and N. Therme. Conservativity and weak consistency of a class of staggered finite volume methods for the Euler equations. *Mathematics of Computation*, 90(329):1155–1177, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03575-3; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03575-3/S0025-5718-2020-03575-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Herbin%2C%20R.; https://www.ams.org/mathscinet/search/authors.html?authorName=Latche%2C%20J.-C.; https://www.ams.org/mathscinet/search/authors.html?authorName=Minjeaud%2C%20S.; https://www.ams.org/mathscinet/search/authors.html?authorName=Therme%2C%20N..>
- [HLR23] Roland Herzog and Estefanía Loayza-Romero. A manifold of planar triangular meshes with complete Riemannian metric. *Mathematics of Computation*, 92(339):1–50, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03775-3/S0025-5718-2022-03775-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Loayza-Romero%2C%20Estefania; https://www.ams.org/mathscinet/search/authors.html?mrauthid=726929>.
- [HLRS21] Jonathan D. Hauenstein, Anton Leykin, Jose Israel Rodriguez, and Frank Sottile. A numerical toolkit for multiprojective varieties. *Mathematics of Computation*, 90(327):413–440, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03566-2; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03566-2/S0025-5718-2020-03566-2.pdf>.
- [HLS21] R. Herbin, J.-C. Latché, and K. Saleh. Low Mach number

limit of some staggered schemes for compressible barotropic flows. *Mathematics of Computation*, 90 (329):1039–1087, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03604-2>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03604-2/S0025-5718-2021-03604-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Herbin%2C%20R.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Latche%2C%20J.-C.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Saleh%2C%20K.>

Hong:2022:EGA

[HLX22]

Qingguo Hong, Yuwen Li, and Jinchao Xu. An extended Galerkin analysis in finite element exterior calculus. *Mathematics of Computation*, 91(335):1077–1106, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03707-2>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03707-2/S0025-5718-2021-03707-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1007990>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1129421>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=228866>.

Huang:2023:CCL

Juntao Huang, Ruo Li, and Yizhou Zhou. Coupling conditions for linear hyperbolic relaxation systems in two-scale problems. *Mathematics of Computation*, 92(343):2133–2165, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03845-5>.

Hao:2021:SEE

Zhaopeng Hao, Huiyuan Li, Zhimin Zhang, and Zhongqiang Zhang. Sharp error estimates of a spectral Galerkin method for a diffusion-reaction equation with integral fractional Laplacian on a disk. *Mathematics of Computation*, 90(331):2107–2135, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03645-5>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03645-5/S0025-5718-2021-03645-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Zhimin>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1089669>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=708582>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=875642>.

- [HM22] Jun Hu and Limin Ma. Asymptotic expansions of eigenvalues by both the Crouzeix–Raviart and enriched Crouzeix–Raviart elements. *Mathematics of Computation*, 91(333):75–109, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03635-2>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03635-2/S0025-5718-2021-03635-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1261964>; [HP21] <https://www.ams.org/mathscinet/search/authors.html?mrauthid=714525>.
- [HMX Y23] Bingsheng He, Feng Ma, Shengjie Xu, and Xiaoming Yuan. A rank-two relaxed parallel splitting version of the augmented Lagrangian method with step size in $(0, 2)$ for separable convex programming. *Mathematics of Computation*, 92(342):1633–1663, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03822-4>.
- [HNP22] Cécile Haberstich, Anthony Nouy, and Guillaume Perrin. Boosted optimal weighted least-squares. *Mathematics of Computation*, 91(335):1281–1315, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03710-8>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03710-8/S0025-5718-2022-03710-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Haberstich%2C%20Cecile>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1009710>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702952>.
- [Hesthaven:2021:SPR] Jan S. Hesthaven and Cecilia Pagliantini. Structure-preserving reduced basis methods for Poisson systems. *Mathematics of Computation*, 90(330):1701–1740, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03618-2>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03618-2/S0025-5718-2021-03618-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1150107>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=350602>.
- [Hauck:2023:SLE] Moritz Hauck and Daniel Peterseim. Super-localization of elliptic multiscale problems. *Mathematics of Computation*, 92(341):981–1003, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).
- [HNP22] Cécile Haberstich, Anthony Nouy, and Guillaume Perrin. Boosted optimal weighted least-squares. *Mathematics of Computation*, 91(335):1281–1315, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03710-8>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2022-03710-8/S0025-5718-2022-03710-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Haberstich%2C%20Cecile>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1009710>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702952>.

- 5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03798-4/S0025-5718-2022-03798-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1416098>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=848711>.
Hesthaven:2024:ASM
- [HPR24] Jan S. Hesthaven, Cecilia Pagliantini, and Nicolò Ripamonti. Adaptive symplectic model order reduction of parametric particle-based Vlasov–Poisson equation. *Mathematics of Computation*, 93(347):1153–1202, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03885-6>. [HRR25]
- Hure:2020:DBS**
- [HPW20] Côme Huré, Huyên Pham, and Xavier Warin. Deep backward schemes for high-dimensional nonlinear PDEs. *Mathematics of Computation*, 89(324):1547–1579, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03514-5>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03514-5/S0025-5718-2020-03514-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hure%2C%20Come>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pham%2C%20Huyen>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Warin%2C%20Xavier>.
Hangelbroek:2025:EEB
- T. Hangelbroek and C. Rieger. Extending error bounds for radial basis function interpolation to measuring the error in higher order Sobolev norms. *Mathematics of Computation*, 94(351):381–407, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03960-1>.
Hare:2025:EDD
- Warren Hare, Lindon Roberts, and Clément W. Royer. Expected decrease for derivative-free algorithms using random subspaces. *Mathematics of Computation*, 94(351):277–304, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-04011-5>.
Hough:2021:SAS
- Robert Hough and Hyojeong Son. The spectrum of the abelian sandpile model. *Mathematics of Computation*, 90(327):441–469, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03565-0>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03565-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hough%2C%20Robert>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Son%2C%20Hyojeong>.

org/journals/mcom/2021-90-327/S0025-5718-2020-03565-0/S0025-5718-2020-03565-0.pdf.

Hu:2021:UAI

[HS21b]

Jingwei Hu and Ruiwen Shu. On the uniform accuracy of implicit-explicit backward differentiation formulas (IMEX-BDF) for stiff hyperbolic relaxation systems and kinetic equations. *Mathematics of Computation*, 90(328):641–670, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03602-3>; [https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03602-3.pdf](https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03602-3/S0025-5718-2020-03602-3.pdf).

Huang:2023:SCA

[HS23]

Can Huang and Jie Shen. Stability and convergence analysis of a fully discrete semi-implicit scheme for stochastic Allen–Cahn equations with multiplicative noise. *Mathematics of Computation*, 92(344):2685–2713, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03846-7>.

Hoxhaj:2025:HRP

[HS25a]

Eriola Hoxhaj and Josef Schicho. How to reconstruct a planar map from its branching curve.

Mathematics of Computation, 94(352):935–952, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03988-1>.

Hu:2025:UAI

[HS25b]

Jingwei Hu and Ruiwen Shu. Uniform accuracy of implicit-explicit Runge–Kutta (IMEX-RK) schemes for hyperbolic systems with relaxation. *Mathematics of Computation*, 94(351):209–240, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03967-4>.

Hanselman:2021:GCG

[HSS21]

Jeroen Hanselman, Sam Schiavone, and Jeroen Sijlsing. Gluing curves of genus 1 and 2 along their 2-torsion. *Mathematics of Computation*, 90(331):2333–2379, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03627-3>; [https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03627-3.pdf](https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03627-3/S0025-5718-2021-03627-3.pdf); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1112256>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1322117>; <https://www.ams.org/mathscinet/>

- search/authors.html?mrauthid=974789.
- Hasanalizade:2022:CZD**
- [HSW22] Elchin Hasanalizade, Quanli Shen, and Peng-Jie Wong. Counting zeros of Dedekind zeta functions. *Mathematics of Computation*, 91(333):277–293, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03665-0>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03665-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Hasanalizade%2C%20Elchin>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1166842>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1211484>.
- Heintze:2023:DE**
- [HTVZ23] Sebastian Heintze, Robert F. Tichy, Ingrid Vukusic, and Volker Ziegler. On the Diophantine equation $U_n - b^n = c$. *Mathematics of Computation*, 92(344):2825–2859, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03854-6>.
- Huang:2020:TMC**
- [Hua20] Rong Huang. A qd -type method for computing generalized singular values of BF matrix pairs with sign regularity to high relative accuracy. *Mathematics of Computation*, 89(321):229–252, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03444-0>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03444-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=787036>.
- Hulpke:2022:PGO**
- Alexander Hulpke. The perfect groups of order up to two million. *Mathematics of Computation*, 91(334):1007–1017, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03684-4>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03684-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=600556>.
- Heid:2020:AIL**
- Pascal Heid and Thomas P. Wihler. Adaptive iterative linearization Galerkin methods for nonlinear problems. *Mathematics of Computation*, 89(326):2707–2734, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03734-0>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03734-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Heid%2C%20Pascal>.

- [//www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03545-5](https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03545-5); <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03545-5/S0025-5718-2020-03545-5.pdf>. [HX24]
- He:2021:CAQ**
- [HW21] Zhijian He and Xiaoqun Wang. Convergence analysis of quasi-Monte Carlo sampling for quantile and expected shortfall. *Mathematics of Computation*, 90(327): 303–319, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03555-8>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03555-8/S0025-5718-2020-03555-8.pdf>. [HXDM24]
- Henning:2022:STI**
- [HW22] Patrick Henning and Johan Wörnegård. Superconvergence of time invariants for the Gross-Pitaevskii equation. *Mathematics of Computation*, 91(334): 509–555, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03693-5>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03693-5/S0025-5718-2021-03693-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wornegard%20Johan>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=881716>. [HY25a]
- Henning:2025:DGS**
- Patrick Henning and Mahima Yadav. On discrete ground states of rotating Bose–Einstein condensates. *Mathematics of Computation*, 94(351):1–32, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03962-5>. [HY25b]
- Huang:2024:USS**
- Meng Huang and Zhiqiang Xu. Uniqueness and stability for the solution of a nonlinear least squares problem. *Mathematics of Computation*, 93(347): 1247–1264, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03918-7>.
- Huang:2025:STM**
- Thi-Thao-Phuong Hoang and Ivan Yotov. A space-time mixed

- finite element method for reduced fracture flow models on nonmatching grids. *Mathematics of Computation*, 94(356):2645–2684, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04031-0>. [JCWH21]
- Imbert-Gerard:2023:STQ**
- [IGMS23] Lise-Marie Imbert-Gérard, Andrea Moiola, and Paul Stocker. A space-time quasi-Trefftz DG method for the wave equation with piecewise-smooth coefficients. *Mathematics of Computation*, 92(341):1211–1249, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03786-8/S0025-5718-2022-03786-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Imbert-Gerard%2C%20Lise-Marie>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1377412>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=931770>.
- Ilten:2023:TTC**
- [IL23] Nathan Ilten and Yoav Len. Tropical tangents for complete intersection curves. *Mathematics of Computation*, 92(340):931–979, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03782-0/S0025-5718-2022-03782-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1080284>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=864815>.
- Jiang:2021:AFO**
- Fan Jiang, Xingju Cai, Zhongming Wu, and Deren Han. Approximate first-order primal-dual algorithms for saddle point problems. *Mathematics of Computation*, 90(329):1227–1262, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03610-8/S0025-5718-2021-03610-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Cai%2C%20Xingju>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Han%2C%20Deren>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Jiang%2C%20Fan>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wu%2C%20Zhongming>.
- John:2021:SNP**
- Volker John, Petr Knobloch, and Paul Korsmeier. On the solvability of the nonlinear problems in an algebraically stabilized finite element method for evolutionary transport-dominated equations. *Mathematics of Computation*, 90(328):595–611, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

- tronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03576-5>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03576-5/S0025-5718-2020-03576-5.pdf>.
- Ji:2025:FLT**
- [JLOS25] Lun Ji, Hang Li, Alexander Ostermann, and Chunmei Su. Filtered Lie–Trotter splitting for the “good” Boussinesq equation: Low regularity error estimates. *Mathematics of Computation*, 94(355): 2345–2365, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04023-1>.
- Jayawardana:2023:SSI**
- [JO23] Buddhika Jayawardana and Tomoki Ohsawa. Semiexplicit symplectic integrators for non-separable Hamiltonian systems. *Mathematics of Computation*, 92(339): 251–281, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03778-9/S0025-5718-2022-03778-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Jayawardana%20Buddhika>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=892043>.
- Jorgenson:2022:ACG**
- [JST22] Jay Jorgenson, Lejla Smajlović, and Holger Then. An approach for computing generators of class fields of imaginary quadratic number fields using the Schwarzian derivative. *Mathematics of Computation*, 91(333): 331–379, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03619-4>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03619-4/S0025-5718-2021-03619-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Smajlovic%20Lejla>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=292611>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=742378>.
- Jarso:2022:FCP**
- Tamiru Jarso and Tim Trudgian. Four consecutive primitive elements in a finite field. *Mathematics of Computation*, 91(335):1521–1532, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03716-3>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03716-3/S0025-5718-2021-03716-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1305238>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=909247>.

- [JW25] Jin:2025:SNP Lingzi Jin and Xiao Wang. Stochastic nested primal–dual method for nonconvex constrained composition optimization. *Mathematics of Computation*, 94(351):305–358, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03965-0>.
- [JZCH24] Jia:2024:SAS Zehui Jia, Wenxing Zhang, Xingju Cai, and Deren Han. Stochastic alternating structure-adapted proximal gradient descent method with variance reduction for nonconvex nonsmooth optimization. *Mathematics of Computation*, 93(348):1677–1714, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2024-03867-X>.
- [Kay22] Kaya:2022:EVI Enis Kaya. Explicit Volodsky integration for hyperelliptic curves. *Mathematics of Computation*, 91(337):2367–2396, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03720-0>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03720-0/S0025-5718-2022-03720-0.pdf>; [ams.org/mathscinet/search/authors.html?authorName=Kaya%2C%20Enis](https://www.ams.org/mathscinet/search/authors.html?authorName=Kaya%2C%20Enis).
- [KBL21] Kui:2021:CMA Zhiqing Kui, Jean Baccou, and Jacques Liandrat. On the construction of multiresolution analyses associated to general subdivision schemes. *Mathematics of Computation*, 90(331):2185–2208, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03646-7>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03646-7/S0025-5718-2021-03646-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1246334>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=328783>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=774914>.
- [KBPS21] Khan:2021:RPE Arbaz Khan, Alex Bespalov, Catherine E. Powell, and David J. Silvester. Robust a posteriori error estimation for parameter-dependent linear elasticity equations. *Mathematics of Computation*, 90(328):613–636, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03572-8>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03572-8.pdf>.

- 328/S0025-5718-2020-03572-8/S0025-5718-2020-03572-8.pdf.
- [KÇR23] Keegan L. A. Kirk, Ayçil Çesmelioglu, and Sander Rhebergen. Convergence to weak solutions of a space-time hybridized discontinuous Galerkin method for the incompressible Navier–Stokes equations. *Mathematics of Computation*, 92(339):147–174, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03780-7/S0025-5718-2022-03780-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1324700>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=844849>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=864513>.
- [KGR21] Christian Kreuzer and Emmanuil H. Georgoulis. Corrigendum to “Convergence of adaptive, discontinuous Galerkin methods”. *Mathematics of Computation*, 90(328):637–640, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03611-4>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03611-4/S0025-5718-2020-03611-4.pdf>.
- [Kho20] Dmitry I. Khomovsky. On using symmetric polynomials for constructing root finding methods. *Mathematics of Computation*, 89(325):2321–2331, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03531-5>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03531-5/S0025-5718-2020-03531-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1067846>.
- [Kirk:2023:CWS] Keegan L. A. Kirk, Ayçil Çesmelioglu, and Sander Rhebergen. Convergence to weak solutions of a space-time hybridized discontinuous Galerkin method for the incompressible Navier–Stokes equations. *Mathematics of Computation*, 92(339):147–174, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03780-7/S0025-5718-2022-03780-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1324700>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=844849>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=864513>.
- [Kirk:2023:AEM] Keegan L. A. Kirk, Tamás L. Horváth, and Sander Rhebergen. Analysis of an exactly mass conserving space-time hybridized discontinuous Galerkin method for the time-dependent Navier–Stokes equations. *Mathematics of Computation*, 92(340):525–556, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03796-0/S0025-5718-2022-03796-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Horvath%2C%20Tamas%20L.>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1324700>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1067846>.

- search/authors.html?mrauthid=844849.
- [Kir20] Kristin Kirchner. Numerical methods for the deterministic second moment equation of parabolic stochastic PDEs. *Mathematics of Computation*, 89(326):2801–2845, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03524-8>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03524-8.pdf>.
- [KK20] Takahito Kashiwabara and Tomoya Kemmochi. Stability, analyticity, and maximal regularity for parabolic finite element problems on smooth domains. *Mathematics of Computation*, 89(324):1647–1679, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03500-5>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03500-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1179149>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=997963>.
- [KK21] Kirchner:2020:NMD
- [KLM20] Kashiwabara:2020:SAM
- [KL23] Taehee Ko and Xiantao Li. Stochastic algorithms for self-consistent calculations of electronic structures. *Mathematics of Computation*, 92(342):1693–1728, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03826-1>.
- [Kluners:2021:IMN] Jürgen Klüners and Toru Komatsu. Imaginary multiquadratic number fields with class group of exponent 3 and 5. *Mathematics of Computation*, 90(329):1483–1497, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03609-1>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03609-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kluners%2C%20Jurgen>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Komatsu%2C%20Toru>.
- [Ko:2023:SAS] Olga Kharlampovich, Laura López, and Alexei Myasnikov. The Diophantine problem in some metabelian groups. *Mathematics of Computation*, 89(325):2507–2519, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

- tronic). URL [https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03533-9](https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03533-9); <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03533-9/S0025-5718-2020-03533-9.pdf>; [https://www.ams.org/mathscinet/search/authors.html?authorName=Lopez%2C%20Laura; https://www.ams.org/mathscinet/search/authors.html?mrauthid=\[KMwaabAVS23\]191704; https://www.ams.org/mathscinet/search/authors.html?mrauthid=670299](https://www.ams.org/mathscinet/search/authors.html?authorName=Lopez%2C%20Laura;https://www.ams.org/mathscinet/search/authors.html?mrauthid=[KMwaabAVS23]191704;https://www.ams.org/mathscinet/search/authors.html?mrauthid=670299).
- [KMNN21] Frances Y. Kuo, Giovanni Migliorati, Fabio Nobile, and Dirk Nuyens. Function integration, reconstruction and approximation using rank-1 lattices. *Mathematics of Computation*, 90(330):1861–1897, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03595-4>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03595-4/S0025-5718-2021-03595-4.pdf>; [https://www.ams.org/mathscinet/search/authors.html?mrauthid=650310; \[KNRR22\] https://www.ams.org/mathscinet/search/authors.html?mrauthid=703418; https://www.ams.org/mathscinet/search/authors.html?mrauthid=777310; https://www.ams.org/mathscinet/search/authors.html?mrauthid=941196](https://www.ams.org/mathscinet/search/authors.html?mrauthid=650310;[KNRR22]https://www.ams.org/mathscinet/search/authors.html?mrauthid=703418;https://www.ams.org/mathscinet/search/authors.html?mrauthid=777310;https://www.ams.org/mathscinet/search/authors.html?mrauthid=941196).
- [KMRB25] Rekha Khot, David Mora, and Ricardo Ruiz-Baier. Virtual element methods for Biot–Kirchhoff poroelasticity. *Mathematics of Computation*, 94(353):1101–1146, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03983-2>.
- [Kim:2023:BSD] Seoyoung Kim, M. Ram Murty, and with an appendix by Andrew V. Sutherland. From the Birch and Swinnerton-Dyer conjecture to Nagao’s conjecture. *Mathematics of Computation*, 92(339):385–408, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03773-X/S0025-5718-2022-03773-X.pdf>; [https://www.ams.org/mathscinet/search/authors.html?mrauthid=128555; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1343309; https://www.ams.org/mathscinet/search/authors.html?mrauthid=852273](https://www.ams.org/mathscinet/search/authors.html?mrauthid=128555;https://www.ams.org/mathscinet/search/authors.html?mrauthid=1343309;https://www.ams.org/mathscinet/search/authors.html?mrauthid=852273).
- [Kirschmer:2022:SIC] Markus Kirschmer, Fabien Narbonne, Christophe Ritzenthaler, and Damien Robert. Spanning the isogeny class of a power of an elliptic curve. *Mathematics of Computation*, 91(333):401–449, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/>
- [Kuo:2021:FIR] Frances Y. Kuo, Giovanni Migliorati, Fabio Nobile, and Dirk Nuyens. Function integration, reconstruction and approximation using rank-1 lattices. *Mathematics of Computation*, 90(330):1861–1897, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03595-4>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03595-4/S0025-5718-2021-03595-4.pdf>; [https://www.ams.org/mathscinet/search/authors.html?mrauthid=650310; \[KNRR22\] https://www.ams.org/mathscinet/search/authors.html?mrauthid=703418; https://www.ams.org/mathscinet/search/authors.html?mrauthid=777310; https://www.ams.org/mathscinet/search/authors.html?mrauthid=941196](https://www.ams.org/mathscinet/search/authors.html?mrauthid=650310;[KNRR22]https://www.ams.org/mathscinet/search/authors.html?mrauthid=703418;https://www.ams.org/mathscinet/search/authors.html?mrauthid=777310;https://www.ams.org/mathscinet/search/authors.html?mrauthid=941196).
- [Khot:2025:VEM] Rekha Khot, David Mora, and Ricardo Ruiz-Baier. Virtual element methods for Biot–Kirchhoff poroelasticity. *Mathematics of Computation*, 94(353):1101–1146, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03983-2>.

S0025-5718-2021-03672-8;
<https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03672-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Narbonne%20Fabien>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=702917>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=892539>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=919800>.

Krieg:2022:RSF

[KNS22]

David Krieg, Erich Novak, and Mathias Sonnleitner. Recovery of Sobolev functions restricted to iid sampling. *Mathematics of Computation*, 91(338):2715–2738, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03763-7/S0025-5718-2022-03763-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1225170>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1245488>; [KOG21] <https://www.ams.org/mathscinet/search/authors.html?mrauthid=132370>.

Katthan:2021:UFS

[KNT21]

Lukas Katthän, Helen Naumann, and Thorsten Theobald. A unified framework of SAGE and SONC polynomials and its duality theory. *Mathematics of Computation*, 90(329):1297–1322, May 2021. CODEN

MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03607-8>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03607-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Katthan%20Lukas>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Naumann%20Helen>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Theobald%20Thorsten>.

Kazashi:2025:DLR

Yoshihito Kazashi, Fabio Nobile, and Fabio Zoccolan. Dynamical low-rank approximation for stochastic differential equations. *Mathematics of Computation*, 94(353):1335–1375, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03999-6>.

Karvonen:2021:IRK

Toni Karvonen, Chris J. Oates, and Mark Girolami. Integration in reproducing kernel Hilbert spaces of Gaussian kernels. *Mathematics of Computation*, 90(331):2209–2233, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03659-5>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03659-5>.

- org/journals/mcom/2021-90-331/S0025-5718-2021-03659-5/S0025-5718-2021-03659-5.pdf; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1256975>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=665653>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=998570>.
- [Kop21] Natalia Kopteva. Error analysis of an L2-type method on graded meshes for a fractional-order parabolic problem. *Mathematics of Computation*, 90(327):19–40, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03552-2>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03552-2/S0025-5718-2020-03552-2.pdf>.
- [KPW21] P. Kritzer, F. Pillichshammer, and G. W. Wasilkowski. On quasi-Monte Carlo methods in weighted ANOVA spaces. *Mathematics of Computation*, 90(329):1381–1406, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03598-X>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03598-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kritzer%2C%20P>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pillichshammer%2C%20F>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wasilkowski%2C%20G>.
- [KR20] Alexander Kolpakov and Sinai Robins. Spherical tetrahedra with rational volume, and spherical Pythagorean triples. *Mathematics of Computation*, 89(324):2031–2046, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03496-8>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2019-03496-8/S0025-5718-2019-03496-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=342098>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=774696>.
- [KR22] Barbara Kaltenbacher and William Rundell. On an inverse problem of nonlinear imaging with fractional damping. *Mathematics of Computation*, 91(333):245–276, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/>

- journals/mcom/2022-91-333/S0025-5718-2021-03683-2;
<https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03683-2/S0025-5718-2021-03683-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=213241>;
<https://www.ams.org/mathscinet/search/authors.html?mrauthid=616341>.
- [KR25] **Kaltenbacher:2025:FRC** [KS20]
 Barbara Kaltenbacher and William Rundell. Fractional regularisation of the Cauchy problem for Laplace’s equation and application in some free boundary value problems. *Mathematics of Computation*, 94(352):647–679, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03974-1>.
- [KRRZ20] **Kopp:2020:RPT**
 Leann Kopp, Natalie Randall, J. Maurice Rojas, and Yuyu Zhu. Randomized polynomial-time root counting in prime power rings. *Mathematics of Computation*, 89(321):373–385, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03431-2>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03431-2/S0025-5718-2019-03431-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Kopp%2C%20Leann>;
<https://www.ams.org/mathscinet/search/authors.html?authorName=Randall%2C%20Natalie>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhu%2C%20Yuyu>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=354192>.
- Kahle:2020:CID**
 Thomas Kahle and Christian Stump. Counting inversions and descents of random elements in finite Coxeter groups. *Mathematics of Computation*, 89(321):437–464, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03443-9>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03443-9/S0025-5718-2019-03443-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=869155>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=904921>.
- Khan:2022:NAQ**
 Arbaz Khan and Pietro Zanotti. A nonsymmetric approach and a quasi-optimal and robust discretization for the Biot’s model. *Mathematics of Computation*, 91(335):1143–1170, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03699-6>;

<https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03699-6/S0025-5718-2021-03699-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1108913>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1275475>.

Karp:2023:CEB

[KZ23]

Dmitrii Karp and Yi Zhang. Convergent expansions and bounds for the incomplete elliptic integral of the second kind near the logarithmic singularity. *Mathematics of Computation*, 92(344): 2769–2794, November 2023. CODEN MCOMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03874-1>

[LC22]

Laplagne:2020:FRE

[Lap20]

Santiago Laplagne. Facial reduction for exact polynomial sum of squares decomposition. *Mathematics of Computation*, 89(322): 859–877, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03476-2>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03476-2/S0025-5718-2019-03476-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=805321>.

[LD20]

Lavenant:2021:UCD

[Lav21]

Hugo Lavenant. Unconditional

convergence for discretizations of dynamical optimal transport. *Mathematics of Computation*, 90 (328):739–786, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03567-4>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03567-4/S0025-5718-2020-03567-4.pdf>.

Li:2022:INL

Chao Li and Xiaojun Chen.
Isotropic non-Lipschitz regu-
larization for sparse repre-
sentations of random fields
on the sphere. *Mathematics
of Computation*, 91(333):219–
243, January 2022. CODEN
MCOMPAF. ISSN 0025-5718
(print), 1088-6842 (electronic).
URL [https://www.ams.org/
journals/mcom/2022-91-333/
S0025-5718-2021-03655-8](https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03655-8);
[https://www.ams.org/journals/
mcom/2022-91-333/S0025-5718-
2021-03655-8/S0025-5718-2021-
03655-8.pdf](https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03655-8/S0025-5718-2021-03655-8.pdf); [https://www.
ams.org/mathscinet/search/
authors.html?authorName=Li%
2C%20Chao](https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Chao); [https://www.ams.
org/mathscinet/search/authors.
html?mrauthid=196364](https://www.ams.org/mathscinet/search/authors.html?mrauthid=196364).

Liu:2020:GCP

Xin-Wei Liu and Yu-Hong Dai.
A globally convergent primal-dual
interior-point relaxation method
for nonlinear programs. *Mathematics of Computation*, 89(323):
1301–1329, May 2020. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03487-7>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03487-7/S0025-5718-2019-03487-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=620453>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=667307> [LDHS23]

Leykin:2021:NSC

[LdCS⁺21]

Anton Leykin, Abraham Martín del Campo, Frank Sottile, Ravi Vakil, and Jan Verschelde. Numerical Schubert calculus via the Littlewood–Richardson homotopy algorithm. *Mathematics of Computation*, 90(329):1407–1433, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03579-6>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03579-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Leykin%20Anton>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Martin%20del%20Campo%20Abraham>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sottile%20Frank>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Vakil%20Ravi>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Verschelde%20Jan>.

<https://www.ams.org/mathscinet/search/authors.html?authorName=Verschelde%20Jan>.

Liu:2023:NAL

Xin-Wei Liu, Yu-Hong Dai, Ya-Kui Huang, and Jie Sun. A novel augmented Lagrangian method of multipliers for optimization with general inequality constraints. *Mathematics of Computation*, 92(341):1301–1330, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03799-6/S0025-5718-2022-03799-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Huang%20Ya-Kui>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sun%20Jie>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=620453>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=667307>.

Leykekhman:2021:PEE

D. Leykekhman. Pointwise error estimates for C^0 interior penalty approximation of biharmonic problems. *Mathematics of Computation*, 90(327):41–63, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03596-0>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03596-0.pdf>.

- 0/S0025-5718-2020-03596-0.pdf.
- [Li21] Yuwen Li. Quasi-optimal adaptive mixed finite element methods for controlling natural norm errors. *Mathematics of Computation*, 90(328):565–593, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03590-X; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03590-X/S0025-5718-2020-03590-X.pdf>. [Li25]
- [Li22a] Buyang Li. Maximum-norm stability of the finite element method for the Neumann problem in nonconvex polygons with locally refined mesh. *Mathematics of Computation*, 91(336):1533–1585, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03724-8; https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03724-8/S0025-5718-2022-03724-8.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=910552>. [LL20]
- [Li22b] Dong Li. Why large time-stepping methods for the Cahn–Hilliard equation is stable. *Mathematics of Computation*, 91(338):2501–2515, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03768-6/S0025-5718-2022-03768-6.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=723577>. MC-50080008
- [Li2022:MNS] Weilin Li. Multiscale estimates for the condition number of non-harmonic Fourier matrices. *Mathematics of Computation*, 94(356):2895–2929, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04034-6>. Li:2020:LTB
- [Li2022:WLT] Lei Li and Jian-Guo Liu. Large time behaviors of upwind schemes and B -schemes for Fokker–Planck equations on $\mathbb{R}$ by jump processes. *Mathematics of Computation*, 89(325):2283–2320, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03516-9; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03516-9/S0025-5718-2020-03516-9.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=232398; https://>

- <https://www.ams.org/mathscinet/search/authors.html?mrauthid=233036>
- [LL21] Dmitriy Leykekhman and Buyang Li. Weak discrete maximum principle of finite element methods in convex polyhedra. *Mathematics of Computation*, 90(327):1–18, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03560-1>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03560-1/S0025-5718-2020-03560-1.pdf>. [ILZ21]
- [LL24] Ding Lu and Ren-Cang Li. Locally unitarily invariantizable NEPv and convergence analysis of SCF. *Mathematics of Computation*, 93(349):2291–2329, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03925-X>. [LLZ23]
- [ILW25] Hong lin Liao and Xuping Wang. Average energy dissipation rates of explicit exponential Runge–Kutta methods for gradient flow problems. *Mathematics of Computation*, 94(354):1721–1759, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04015-2>. [Li:2023:IER]
- Leykekhman:2021:WDM
- Liao:2021:AAB
- Li:2023:IER
- Lu:2024:LUI
- Liao:2025:AED
- Hong lin Liao and Zhimin Zhang. Analysis of adaptive BDF2 scheme for diffusion equations. *Mathematics of Computation*, 90(329):1207–1226, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03585-6>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03585-6/S0025-5718-2020-03585-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Liao%2C%20Honglin>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Zhimin>
- Dongfang Li, Xiaoxi Li, and Zhimin Zhang. Implicit-explicit relaxation Runge–Kutta methods: construction, analysis and applications to PDEs. *Mathematics of Computation*, 92(339):117–146, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03766-2>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Dongfang&https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Xiaoxi>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Xiaoxi>

- www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Zhimin.
- [LM22] Shuai Lu and Peter Mathé. Stochastic gradient descent for linear inverse problems in Hilbert spaces. *Mathematics of Computation*, 91(336):1763–1788, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2021-03714-X>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2021-03714-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Mathe%2C%20Peter>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=759390>. [LMS25]
- [LM26] Alessandro Languasco and Pieter Moree. Euler constants from primes in arithmetic progression. *Mathematics of Computation*, 95(357):363–387, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04057-2>. [LMY21]
- [LMP20] Tung Le, Kay Magaard, and Alessandro Paolini. On the characters of Sylow p -subgroups of finite Chevalley groups $G(p^f)$ for arbitrary primes. *Mathematics of Computation*, 89(323):1501–1524, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03488-9>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03488-9/S0025-5718-2019-03488-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Le%2C%20Tung>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1178905>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=252279>. [Li:2022:SGD]
- [Li:2025:OAF] Buyang Li, Shu Ma, and Weiwei Sun. Optimal analysis of finite element methods for the stochastic Stokes equations. *Mathematics of Computation*, 94(352):551–583, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03972-8>.
- [Li:2021:SCA] Xiaoyue Li, Xuerong Mao, and Hongfu Yang. Strong convergence and asymptotic stability of explicit nonlinear stochastic differential equations. *Mathematics of Computation*, 90(332):2827–2872, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03488-9>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03488-9/S0025-5718-2019-03488-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Le%2C%20Tung>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1178905>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=252279>. [Le:2020:CSS]

03661-3; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03661-3/S0025-5718-2021-03661-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Xiaoyue;https://www.ams.org/mathscinet/search/authors.html?authorName=Yang%2C%20Hongfu;https://www.ams.org/mathscinet/search/authors.html?mrauthid=199088> [LÖS20]

Li:2022:TSM

[LN22]

Wenbo Li and Ricardo H. Nochetto. Two-scale methods for convex envelopes. *Mathematics of Computation*, 91(333): 111–139, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03521-8;https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03521-8/S0025-5718-2021-03521-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Wenbo;https://www.ams.org/mathscinet/search/authors.html?mrauthid=131850> [LP25]

Liu:2025:SOB

[LNW25]

Ruishu Liu, Andreas Neuenkirch, and Xiaojie Wang. A strong order 1.5 boundary preserving discretization scheme for scalar SDEs defined in a domain. *Mathematics of Computation*, 94(354): 1815–1862, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04014-0>. [LPP21]

[org/journals/mcom/2025-94-354/S0025-5718-2024-04014-0](https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04014-0).

Lampio:2020:OGB

Pekka H. J. Lampio, Patric R. J. Östergård, and Ferenc Szöllösi. Orderly generation of Butson Hadamard matrices. *Mathematics of Computation*, 89(321): 313–331, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer;https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03453-1;https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03453-1/S0025-5718-2019-03453-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Ostergard%2C%20Patric%20R.%20J.;https://www.ams.org/mathscinet/search/authors.html?authorName=Szollosi%2C%20Ferenc;https://www.ams.org/mathscinet/search/authors.html?mrauthid=919188>

Looney:2025:STB

Ryan Looney and Igor Pritsker. Schinzel-type bounds for the Mahler measure on lemniscates. *Mathematics of Computation*, 94(352):919–933, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03985-6>.

Lopez:2021:UCE

José L. López, Pablo Palacios, and Pedro J. Pagola. Uniform convergent expansions of

- integral transforms. *Mathematics of Computation*, 90(329):1357–1380, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03601-7>; [https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03601-7](https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03601-7/S0025-5718-2021-03601-7.pdf).pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lopez%2C%20Jose%20L.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pagola%2C%20Pedro%20J.>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Palacios%2C%20Pablo>. [LQW21]
- [LPPV24] Pierre Lairez, Eric Pichon-Pharabod, and Pierre Vanhove. Effective homology and periods of complex projective hypersurfaces. *Mathematics of Computation*, 93(350):2985–3025, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03947-9>. [LQXY24]
- [LQXY24] Dong Li, Chaoyu Quan, and Tao Tang. Stability and convergence analysis for the implicit-explicit method to the Cahn–Hilliard equation. *Mathematics of Computation*, 91(334):785–809, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03704-7>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03704-7/S0025-5718-2021-03704-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1178215>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=248423>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=723577>. [Li:2021:CAS]
- Xiao Li, Zhonghua Qiao, and Cheng Wang. Convergence analysis for a stabilized linear semi-implicit numerical scheme for the nonlocal Cahn–Hilliard equation. *Mathematics of Computation*, 90(327):171–188, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03578-9>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03578-9/S0025-5718-2020-03578-9.pdf>. [Li:2024:WDM]
- [LQXY24] Buyang Li, Weifeng Qiu, Yupai Xie, and Wenshan Yu. Weak discrete maximum principle of isoparametric finite element methods in curvilinear polyhedra. *Mathematics of Computation*, 93(345):1–34, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

- tronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03876-5>.
- [LR21] **Languasco:2021:FAC** [LRY20] Alessandro Languasco and Luca Righi. A fast algorithm to compute the Ramanujan–Deninger gamma function and some number-theoretic applications. *Mathematics of Computation*, 90(332):2899–2921, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03668-6>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03668-6/S0025-5718-2021-03668-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Righi%2C%20Luca>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=354780>.
- [LRR23] **Li:2023:RCS** Weilin Li, Kui Ren, and Donsub Rim. A range characterization of the single-quadrant ADRT. *Mathematics of Computation*, 92(339):283–306, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03750-9/S0025-5718-2022-03750-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1052146>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=711179>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=990462>.
- Liu:2020:GSG** Hailiang Liu, James Ralston, and Peimeng Yin. General superpositions of Gaussian beams and propagation errors. *Mathematics of Computation*, 89(322):675–697, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03462-2>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03462-2/S0025-5718-2019-03462-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Liu%2C%20Hailiang>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1067782>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=144300>.
- LeGluher:2020:FRG** Aude Le Gluher and Pierre-Jean Spaenlehauer. A fast randomized geometric algorithm for computing Riemann–Roch spaces. *Mathematics of Computation*, 89(325):2399–2433, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03517-0>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03517-0/S0025-5718-2020-03517-0>.

pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Le%20Gluher%20C%20Aude>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=916294>. [LS23]

Linderman:2020:NIG

[LS20b]

George C. Linderman and Stefan Steinerberger. Numerical integration on graphs: Where to sample and how to weigh. *Mathematics of Computation*, 89(324):1933–1952, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03515-7>; [https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03515-7.pdf](https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03515-7/S0025-5718-2020-03515-7.pdf); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1203460>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=869041>. [LS24]

Lange:2021:CTL

[LS21]

Theresa Lange and Wilhelm Stannat. On the continuous time limit of the ensemble Kalman filter. *Mathematics of Computation*, 90(327):233–265, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03588-1>; [https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03588-1.pdf](https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03588-1/S0025-5718-2020-03588-1.pdf). [LS25]

1/S0025-5718-2020-03588-1.pdf.

Lederer:2023:ENA

Philip L. Lederer and Rolf Stenberg. Energy norm analysis of exactly symmetric mixed finite elements for linear elasticity. *Mathematics of Computation*, 92(340):583–605, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03784-4/S0025-5718-2022-03784-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1215016>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=167000>.

Lederer:2024:AWS

Philip L. Lederer and Rolf Stenberg. Analysis of weakly symmetric mixed finite elements for elasticity. *Mathematics of Computation*, 93(346):523–550, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03865-0>.

Li:2025:LRE

Hang Li and Chunmei Su. Low-regularity exponential-type integrators for the Zakharov system with rough data in all dimensions. *Mathematics of Computation*, 94(352):727–762, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03865-0>.

- org/journals/mcom/2025-94-352/S0025-5718-2024-03973-X.
- Li:2022:NSP**
- [LSL22] Xiaoli Li, Jie Shen, and Zhengguang Liu. New SAV-pressure correction methods for the Navier–Stokes equations: stability and error analysis. *Mathematics of Computation*, 91(333): 141–167, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03651-0>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03651-0/S0025-5718-2021-03651-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Liu%2C%20Zhengguang>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1152951>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=257933>.
- Laurent:2020:EAB**
- [LV20] Adrien Laurent and Gilles Villmart. Exotic aromatic B-series for the study of long time integrators for a class of ergodic SDEs. *Mathematics of Computation*, 89(321): 169–202, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03455-5>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03455-5/S0025-5718-2019-03455-5>.
- Lauder:2022:CAF**
- [LV22] Alan Lauder and Jan Vonk. Computing p -adic L -functions of totally real fields. *Mathematics of Computation*, 91(334): 921–942, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03678-9>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03678-9/S0025-5718-2021-03678-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=639407>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=858428>.
- Lehrenfeld:2025:ADP**
- [LvBV25] Christoph Lehrenfeld, Tim van Beeck, and Igor Voulis. Analysis of divergence-preserving unfitted finite element methods for the mixed Poisson problem. *Mathematics of Computation*, 94(354): 1667–1699, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04027-9>.
- Larsen:2021:MSM**
- [LwaabAL21] Michael Larsen and with an appendix by Anne Larsen. Multi-

plicative series, modular forms, and Mandelbrot polynomials. *Mathematics of Computation*, 90(327):345–377, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03564-9>; [https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03564-9.pdf](https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03564-9/S0025-5718-2020-03564-9.pdf). [LX22]

Liu:2021:PPE

[LWW⁺21]

Chun Liu, Cheng Wang, Steven M. Wise, Xingye Yue, and Shenggao Zhou. A positivity-preserving, energy stable and convergent numerical scheme for the Poisson–Nernst–Planck system. *Mathematics of Computation*, 90(331):2071–2106, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03642-X>; [https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03642-X.pdf](https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03642-X/S0025-5718-2021-03642-X.pdf); <https://www.ams.org/mathscinet/search/authors.html?authorName=Yue%2C%20Xingye>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhou%2C%20Shenggao>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=362496>; [LYZ24]

615795; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=652762>.

Liang:2022:TLP

Qigang Liang and Xuejun Xu. A two-level preconditioned Helmholtz–Jacobi–Davidson method for the Maxwell eigenvalue problem. *Mathematics of Computation*, 91(334):623–657, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03702-3>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03702-3/S0025-5718-2021-03702-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Liang%2C%20Qigang>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=365400>.

Liu:2025:ECW

Changli Liu and Jungong Xue. Efficient computation of Wiener–Hopf factorization of Markov-modulated Brownian motion. *Mathematics of Computation*, 94(355):2367–2408, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2025-04055-9>.

Li:2024:HOS

Buyang Li, Zongze Yang, and Zhi Zhou. High-order splitting finite element methods for the subdiffusion equation with limited smoothing property. *Math-*

- ematics of Computation*, 93(350): 2557–2586, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03944-3>.
Li:2025:PPR
- [LYZ25] Yonghai Li, Peng Yang, and Zhimin Zhang. Polynomial preserving recovery for the finite volume element methods under simplex meshes. *Mathematics of Computation*, 94(352): 611–645, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03980-7>.
Luo:2025:UDE
- [LZ25] Hao Luo and Zihang Zhang. A unified differential equation solver approach for separable convex optimization: Splitting, acceleration and nonergodic rate. *Mathematics of Computation*, 94(356): 3009–3041, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2025-04063-8>.
Li:2020:ALD
- [LZMW20] Jia Li, Dazhi Zhang, Xiong Meng, and Boying Wu. Analysis of local discontinuous Galerkin methods with generalized numerical fluxes for linearized KdV equations. *Mathematics of Computation*, 89(325):2085–2111, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03550-9; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03550-9/S0025-5718-2020-03550-9.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Jia; https://www.ams.org/mathscinet/search/authors.html?mrauthid=261930; https://www.ams.org/mathscinet/search/authors.html?mrauthid=891440; https://www.ams.org/mathscinet/search/authors.html?mrauthid=998988>.
Marseglia:2021:CSF
- [Mar21] Stefano Marseglia. Computing square-free polarized abelian varieties over finite fields. *Mathematics of Computation*, 90(328): 953–971, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03594-7; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03594-7/S0025-5718-2020-03594-7.pdf>.
Mascot:2020:HLT
- [Mas20] Nicolas Mascot. Hensel-lifting torsion points on Jacobians and Galois representations. *Mathematics of Computation*, 89(323): 1417–1455, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03484-1; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03484-1/S0025-5718-2019-03484-1.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1040021>.

Martinez:2021:NAM

[MIJR21]

Jorge Albella Martínez, Sébastien Imperiale, Patrick Joly, and Jerónimo Rodríguez. Numerical analysis of a method for solving 2D linear isotropic elastodynamics with traction free boundary condition using potentials and finite elements. *Mathematics of Computation*, 90(330): 1589–1636, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03613-3; https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03613-3/S0025-5718-2021-03613-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Albella%20Martinez%2C%20Jorge; https://www.ams.org/mathscinet/search/authors.html?authorName=Imperiale%2C%20Sebastien; https://www.ams.org/mathscinet/search/authors.html?authorName=Rodriguez%2C%20Jeronimo; https://www.ams.org/mathscinet/search/authors.html?mrauthid=234723>.

Milio:2020:CIB

[Mil20]

Enea Milio. Computing isoge-

nies between Jacobians of curves of genus 2 and 3. *Mathematics of Computation*, 89(323): 1331–1364, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03486-5; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03486-5/S0025-5718-2019-03486-5.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1129392>.

Manns:2021:APS

Paul Manns, Christian Kirches, and Felix Lenders. Approximation properties of sum-up rounding in the presence of vanishing constraints. *Mathematics of Computation*, 90(329): 1263–1296, May 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03606-6; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03606-6/S0025-5718-2021-03606-6.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Kirches%2C%20Christian; https://www.ams.org/mathscinet/search/authors.html?authorName=Lenders%2C%20Felix; https://www.ams.org/mathscinet/search/authors.html?authorName=Manns%2C%20Paul>.

Masri:2022:DGP

[MLR22]

Rami Masri, Chen Liu, and Beatrice Riviere. A discontinuous Galerkin pressure correction scheme for the incompressible Navier–Stokes equations: Stability and convergence. *Mathematics of Computation*, 91(336):1625–1654, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03731-5>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03731-5/S0025-5718-2022-03731-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Liu%2C%20Chen>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Masri%2C%20Rami>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=661345>.

Makuracki:2021:QAC

[MM21]

Bartosz Makuracki and Andrzej Mróz. Quadratic algorithm to compute the Dynkin type of a positive definite quasi-Cartan matrix. *Mathematics of Computation*, 90(327):389–412, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03559-5>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03559-5/S0025-5718-2020-03559-5.pdf>.

Montardini:2020:STL

[MNST20]

Monica Montardini, Matteo Negri, Giancarlo Sangalli, and Matia Tani. Space–time least–squares isogeometric method and efficient solver for parabolic problems. *Mathematics of Computation*, 89(323):1193–1227, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03471-3>; <https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03471-3/S0025-5718-2019-03471-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Negri%2C%20Matteo>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1023408>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1201262>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=663454>.

Mossinghoff:2021:DFN

[MOT21]

Michael J. Mossinghoff, Tomás Oliveira e Silva, and Timothy S. Trudgian. The distribution of k -free numbers. *Mathematics of Computation*, 90(328):907–929, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03581-9>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03581-9.pdf>.

9/S0025-5718-2020-03581-9.
pdf.

Melenk:2020:CVP

[MR20]

J. M. Melenk and C. Rojik. On commuting p -version projection-based interpolation on tetrahedra. *Mathematics of Computation*, 89(321): 45–87, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03454-3; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03454-3.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Rojik%2C%20C.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=613978>. [MS20a]

Magnusson:2023:CGV

[MR23]

Tobias Magnusson and Martin Raum. On the computation of general vector-valued modular forms. *Mathematics of Computation*, 92(344):2861–2891, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03847-9>. [MS20b]

Murru:2024:NAA

[MR24]

Nadir Murru and Giuliano Romeo. A new algorithm for p -adic continued fractions. *Mathematics of Computation*, 93(347):

1309–1331, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03890-X>.

Matthes:2020:DFL

Daniel Matthes and Benjamin Söllner. Discretization of flux-limited gradient flows: Γ -convergence and numerical schemes. *Mathematics of Computation*, 89(323):1027–1057, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03492-0; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03492-0.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Sollner%2C%20Benjamin; https://www.ams.org/mathscinet/search/authors.html?mrauthid=722279>.

Mérai:2020:DSS

László Mérai and Igor E. Shparlinski. Distribution of short subsequences of inversive congruential pseudorandom numbers modulo 2^t . *Mathematics of Computation*, 89(322):911–922, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03467-1; https://www.ams.org/journals/mcom/2020-89->

322/S0025-5718-2019-03467-1/S0025-5718-2019-03467-1.pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Merai%2C%20Laszlo;>
[https://www.ams.org/mathscinet/search/authors.html?mrauthid=](https://www.ams.org/mathscinet/search/authors.html?mrauthid=192194)
 192194. [MS24]

Mercuri:2020:MFI

[MS20c]

Pietro Mercuri and René Schoof. Modular forms invariant under non-split Cartan subgroups. *Mathematics of Computation*, 89(324):1969–1991, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; [https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-](https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03503-0)
 03503-0; [https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03503-](https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03503-0)
 0/S0025-5718-2020-03503-0.pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Schoof%2C%20Rene>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1105728>. [MS25a]

Ma:2022:EED

[MS22]

Chupeng Ma and Robert Scheichl. Error estimates for discrete generalized FEMs with locally optimal spectral approximations. *Mathematics of Computation*, 91(338):2539–2569, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL [https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03755-](https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03755-8)
 8/S0025-5718-2022-03755-8.pdf; <https://www.ams.org/> [MS25b]

[mathscinet/search/authors.html?mrauthid=1251608](https://www.ams.org/mathscinet/search/authors.html?mrauthid=1251608); <https://www.ams.org/mathscinet/search/authors.html?mrauthid=661163>

Merai:2024:DRM

László Mérai and Igor E. Shparlinski. Distribution of recursive matrix pseudorandom number generator modulo prime powers. *Mathematics of Computation*, 93(347):1355–1370, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03895-9>.

McGown:2025:CLP

Kevin J. McGown and Jonathan P. Sorenson. Computation of the least primitive root. *Mathematics of Computation*, 94(352):909–917, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-04003-6>.

Miller:2025:LSM

Alexander Rossi Miller and Danny Scheinerman. Large-scale Monte Carlo simulations for zeros in character tables of symmetric groups. *Mathematics of Computation*, 94(351):505–515, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03964-9>.

- [MSS24] Harald Monsuur, Rob Stevenson, and Johannes Storn. Minimal residual methods in negative or fractional Sobolev norms. *Mathematics of Computation*, 93(347):1027–1052, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03904-7>.
- [MSSS23] Bernard Mans, Min Sha, Igor E. Shparlinski, and Daniel Sutanty. Functional graphs of families of quadratic polynomials. *Mathematics of Computation*, 92(343):2307–2331, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03838-8>.
- [MT20] Nadir Murru and Lea Terracini. On the finiteness and periodicity of the p -adic Jacobi-Perron algorithm. *Mathematics of Computation*, 89(326):2913–2930, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03540-6; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03540-6/S0025-5718-2020-03540-6.pdf>.
- [MT22] Harald Monsuur, Rob Stevenson, and Johannes Storn. Minimal residual methods in negative or fractional Sobolev norms. *Mathematics of Computation*, 91(337):2335–2345, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03741-8; https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03741-8/S0025-5718-2022-03741-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Trojovský%2C%20Pavel; https://www.ams.org/mathscinet/search/authors.html?mrauthid=870578>.
- [MV22] Roland Maier and Barbara Verfürth. Multiscale scattering in nonlinear Kerr-type media. *Mathematics of Computation*, 91(336):1655–1685, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03722-4; https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03722-4/S0025-5718-2022-03722-4.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Verfurth%2C%20Barbara; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1329180>.
- [MV24a] Maurice Mignotte and Paul

- Voutier. A kit for linear forms in three logarithms. *Mathematics of Computation*, 93(348):1903–1951, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03908-4>. With an appendix by Michel Laurent.
- [MV24b] K. Mitra and M. Vohralík. A posteriori error estimates for the Richards equation. *Mathematics of Computation*, 93(347):1053–1096, May 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2024-03932-7>.
- [MX26] Marc Masdeu and Xavier Xarles. Efficient computation of non-archimedean theta functions. *Mathematics of Computation*, 95(357):457–475, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04066-3>.
- [MZ21] Jiming Ma and Fangting Zheng. Orientable hyperbolic 4-manifolds over the 120-cell. *Mathematics of Computation*, 90(331):2463–2501, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03625-X>;
- [Nak20] Yuji Nakatsukasa. Sharp error bounds for Ritz vectors and approximate singular vectors. *Mathematics of Computation*, 89(324):1843–1866, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL [https://www.ams.org/mathscinet/search/authors.html?authorName=Ma%2C%20Jiming; https://www.ams.org/mathscinet/search/authors.html?authorName=Zheng%2C%20Fangting](https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03519-4; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03519-4/S0025-5718-2020-03519-4.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ma%2C%20Jiming; https://www.ams.org/mathscinet/search/authors.html?authorName=Zheng%2C%20Fangting).
- [Nic24] Jörg Nick. Numerical analysis for electromagnetic scattering with nonlinear boundary conditions. *Mathematics of Computation*, 93(348):1529–1568, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03914-X>.
- [NO24] Filip Najman and Petar Orlić.

Gonality of the modular curve $X_0(N)$. *Mathematics of Computation*, 93(346):863–886, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03873-X>. [NS23]

Notay:2020:ATG

[Not20]

Yvan Notay. Analysis of two-grid methods: The nonnormal case. *Mathematics of Computation*, 89(322):807–827, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03460-9; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03460-9.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=266926>. [NV23]

Notaris:2022:AGQ

[Not22]

Sotirios E. Notaris. Anti-Gaussian quadrature formulae of Chebyshev type. *Mathematics of Computation*, 91(338):2803–2816, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03762-5/S0025-5718-2022-03762-5.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Notaris%2C%20Sotirios%20E..> [OR23]

Nuyens:2023:SLR

Dirk Nuyens and Yuya Suzuki. Scaled lattice rules for integration on $\mathbb{R}^d$ achieving higher-order convergence with error analysis in terms of orthogonal projections onto periodic spaces. *Mathematics of Computation*, 92(339):307–347, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03754-6/S0025-5718-2022-03754-6.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1348627; https://www.ams.org/mathscinet/search/authors.html?mrauthid=777310>

Najman:2023:QPB

Filip Najman and Borna Vukorepa. Quadratic points on bielliptic modular curves. *Mathematics of Computation*, 92(342):1791–1816, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03805-4>.

Ovall:2023:AIE

Jeffrey S. Owall and Robyn Reid. An algorithm for identifying eigenvectors exhibiting strong spatial localization. *Mathematics of Computation*, 92(341):1005–1031, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03734->

6/S0025-5718-2023-03734-6.
pdf; <https://www.ams.org/mathscinet/search/authors.html?authorName=Reid%2C%20Robyn;>
<https://www.ams.org/mathscinet/search/authors.html?mrauthid=728623>.

Ostermann:2022:EEL

[ORS22]

Alexander Ostermann, Frédéric Rousset, and Katharina Schratz. Error estimates at low regularity of splitting schemes for NLS. *Mathematics of Computation*, 91(333):169–182, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03676-5>; <https://www.ams.org/journals/mcom/2022-91-333/S0025-5718-2021-03676-5/S0025-5718-2021-03676-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Rousset%2C%20Frederic>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=134575>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=990639>.

Olshanskii:2024:EFE

[ORS24]

Maxim A. Olshanskii, Arnold Reusken, and Paul Schwering. An Eulerian finite element method for tangential Navier–Stokes equations on evolving surfaces. *Mathematics of Computation*, 93(349):2031–2065, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03931-X>.

Olshanskii:2021:ISS

Maxim A. Olshanskii, Arnold Reusken, and Alexander Zhiliakov. Inf-sup stability of the trace $\mathbf{P}_2 - \mathbf{P}_1$ Taylor–Hood elements for surface PDEs. *Mathematics of Computation*, 90(330):1527–1555, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03551-6>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03551-6/S0025-5718-2021-03551-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1331093>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=147305>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=343398>.

Obus:2021:SCM

Andrew Obus and Tanush Shaska. Superelliptic curves with many automorphisms and CM Jacobians. *Mathematics of Computation*, 90(332):2951–2975, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03639-X>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03639-X/S0025-5718-2021-03639-X.pdf>; <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2023-03931-X>.

- mathscinet/search/authors.html?mrauthid=678224; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=890287>
- [Oss25] Bryce Joseph Orloski, Naser Talebizadeh Sardari, and Alexander Smith. New lower bounds for the Schur–Siegel–Smyth trace problem. *Mathematics of Computation*, 94(354):2005–2040, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04004-8>. [Pag22]
- [OW20] Braxton Osting and Dong Wang. A diffusion generated method for orthogonal matrix-valued fields. *Mathematics of Computation*, 89(322):515–550, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03473-7; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03473-7/S0025-5718-2019-03473-7.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Dong; https://www.ams.org/mathscinet/search/authors.html?mrauthid=876194>. [PNR25]
- [Oss25] Bryce Joseph Orloski, Naser Talebizadeh Sardari, and Alexander Smith. New lower bounds for the Schur–Siegel–Smyth trace problem. *Mathematics of Computation*, 94(354):2005–2040, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03544-3; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03544-3/S0025-5718-2020-03544-3.pdf>.
- [Pag22] Lorenzo Pagani. Greenberg’s conjecture for real quadratic fields and the cyclotomic $\mathbb{Z}_2$ -extensions. *Mathematics of Computation*, 91(335):1437–1467, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03712-6; https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03712-6/S0025-5718-2021-03712-6.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Pagani%2C%20Lorenzo>.
- [Por25] Gian Maria Negri Porzio, Vanni Noferini, and Leonardo Robol. Tropical Laurent series, their tropical roots, and localization results for the eigenvalues of nonlinear matrix functions. *Mathematics of Computation*, 94(354):1947–1975, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04016-4>.
- [Olver20] Sheehan Olver and Yuan Xu. Orthogonal polynomials in and on a quadratic surface of revolution. *Mathematics of Computation*, 89(326):2847–2865, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03544-3; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03544-3/S0025-5718-2020-03544-3.pdf>.

- [PO23] **Pan:2023:SPA**
 Zexin Pan and Art B. Owen. Super-polynomial accuracy of one dimensional randomized nets using the median of means. *Mathematics of Computation*, 92(340): 805–837, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03791-1/S0025-5718-2022-03791-1.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1340663>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=134875>. [PS21]
- [PO24] **Pan:2024:SPA**
 Zexin Pan and Art B. Owen. Super-polynomial accuracy of multidimensional randomized nets using the median-of-means. *Mathematics of Computation*, 93(349):2265–2289, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03880-2>. [PSS25]
- [PP20] **Pfeiler:2020:DMM**
 Carl-Martin Pfeiler and Dirk Praetorius. Dörfler marking with minimal cardinality is a linear complexity problem. *Mathematics of Computation*, 89(326): 2735–2752, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03553-4>; [PSW25]
- <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03553-4.pdf>.
- Parker:2021:AFS**
 Chris Parker and Jason Semeraro. Algorithms for fusion systems with applications to p -groups of small order. *Mathematics of Computation*, 90(331): 2415–2461, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03634-0>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03634-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1048702>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=315689>.
- Palitta:2025:STP**
 Davide Palitta, Marcel Schweitzer, and Valeria Simoncini. Sketched and truncated polynomial Krylov subspace methods: Matrix Sylvester equations. *Mathematics of Computation*, 94(354): 1761–1792, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04002-4>.
- Peng:2025:OOE**
 Manting Peng, Zheng Sun, and Kailiang Wu. OEDG:

Oscillation-eliminating discontinuous Galerkin method for hyperbolic conservation laws. *Mathematics of Computation*, 94(353):1147–1198, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03998-4>.

Poor:2020:FAB

[PSY20]

Cris Poor, Jerry Shurman, and David S. Yuen. Finding all Borchers product paramodular cusp forms of a given weight and level. *Mathematics of Computation*, 89(325):2435–2480, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03532-7; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03532-7/S0025-5718-2020-03532-7.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=270719; https://www.ams.org/mathscinet/search/authors.html?mrauthid=291737; https://www.ams.org/mathscinet/search/authors.html?mrauthid=364614>.

Platt:2021:ETP

[PT21]

David J. Platt and Timothy S. Trudgian. The error term in the prime number theorem. *Mathematics of Computation*, 90(328):871–881, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03583-2; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03583-2/S0025-5718-2020-03583-2.pdf>.

Pacetti:2022:CHC

Ariel Pacetti and Lucas Villagra Torcomian. $\mathbb{Q}$ -curves, Hecke characters and some Diophantine equations. *Mathematics of Computation*, 91(338):2817–2865, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03759-5/S0025-5718-2022-03759-5.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Villagra%20Torcomian%20Lucas; https://www.ams.org/mathscinet/search/authors.html?mrauthid=759256>.

Pulaj:2020:CPF

Jonad Pulaj. Cutting planes for families implying Frankl’s conjecture. *Mathematics of Computation*, 89(322):829–857, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03461-0; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03461-0/S0025-5718-2019-03461-0.pdf; https://www.ams.org/>

- mathscinet/search/authors.html?mrauthid=1182719.
- Peterseim:2020:CHF**
- [PV20] Daniel Peterseim and Barbara Verfürth. Computational high frequency scattering from high-contrast heterogeneous media. *Mathematics of Computation*, 89(326):2649–2674, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03529-7>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03529-7/S0025-5718-2020-03529-7.pdf>.
- Pang:2021:SCA**
- [PYAT21] Gang Pang, Yibo Yang, Xavier Antoine, and Shaoqiang Tang. Stability and convergence analysis of artificial boundary conditions for the Schrödinger equation on a rectangular domain. *Mathematics of Computation*, 90(332):2731–2756, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03679-0>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03679-0/S0025-5718-2021-03679-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Pang%2C%20Gang>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Tang%2C%20Shaoqiang>.
- Quellmalz:2024:MDD**
- [QESS24] Michael Quellmalz, Peter Elbau, Otmar Scherzer, and Gabriele Steidl. Motion detection in diffraction tomography by common circle methods. *Mathematics of Computation*, 93(346):747–784, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03869-8>.
- Quesada-Herrera:2022:APC**
- Oscar E. Quesada-Herrera. On the q -analogue of the Pair Correlation Conjecture via Fourier optimization. *Mathematics of Computation*, 91(337):2347–2365, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03747-9>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03747-9/S0025-5718-2022-03747-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Quesada-Herrera%2C%20Oscar%20E..>.
- Qin:2025:LRQ**
- Zhenzhi Qin, Zhenyu Ming, Defeng Sun, and Liping Zhang. Low-rank quaternion tensor completion for color video inpainting via a novel factorization strategy. *Mathematics*

- of Computation*, 94(355):2409–2456, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04025-5>.
Qiu:2020:NMA
- [QT20] Weifeng Qiu and Lan Tang. A note on the Monge–Ampère type equations with general source terms. *Mathematics of Computation*, 89(326):2675–2706, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03554-6; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03554-6/S0025-5718-2020-03554-6.pdf>.
Rakvi:2024:CGM
- [Rak24] Rakvi. A classification of genus 0 modular curves with rational points. *Mathematics of Computation*, 93(348):1859–1902, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03907-2>.
Reusken:2022:AFE
- [Reu22] Arnold Reusken. Analysis of finite element methods for surface vector-Laplace eigenproblems. *Mathematics of Computation*, 91(336):1587–1623, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03728-5; https://www.ams.org/mathscinet/search/authors.html?mrauthid=147305>.
MC-50240005
- [Reu25] Arnold Reusken. Analysis of the Taylor–Hood surface finite element method for the surface Stokes equation. *Mathematics of Computation*, 94(354):1701–1719, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04008-5>.
Rickards:2022:ICF
- [Ric22] James Rickards. Improved computation of fundamental domains for arithmetic Fuchsian groups. *Mathematics of Computation*, 91(338):2929–2954, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03777-7/S0025-5718-2022-03777-7.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=939651>.
Rieger:2023:GCK
- [Rie23] Janosch Rieger. Generalized Gearhart–Koshy acceleration for the Kaczmarz method. *Mathematics of Computation*, 92(341):

- 1251–1272, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03818-2/S0025-5718-2023-03818-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=829842>. [RS23]
- Rosenfeld:2020:HFM**
- [Ros20] Matthieu Rosenfeld. How far away must forced letters be so that squares are still avoidable? *Mathematics of Computation*, 89(326):3057–3071, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03535-2>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03535-2.pdf>. [RS24]
- Rosenfeld:2022:ASW**
- [Ros22] Matthieu Rosenfeld. Avoiding squares over words with lists of size three amongst four symbols. *Mathematics of Computation*, 91(337):2489–2500, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03732-7>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03732-7/S0025-5718-2022-03732-7.pdf>; [ams.org/mathscinet/search/authors.html?mrauthid=1169147](https://www.ams.org/mathscinet/search/authors.html?mrauthid=1169147). [Rutka:2023:EEP]
- Przemysław Rutka and Ryszard Smarzewski. The electrostatic equilibrium problem for classical discrete orthogonal polynomials. *Mathematics of Computation*, 92(341):1331–1348, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03808-X/S0025-5718-2023-03808-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=163855>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=890344>. [Rosler:2024:CEL]
- Frank Rösler and Alexei Stepanenko. Computing eigenvalues of the Laplacian on rough domains. *Mathematics of Computation*, 93(345):111–161, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03827-3>. [Rieder:2022:TDB]
- Alexander Rieder, Francisco-Javier Sayas, and Jens Markus Melenk. Time domain boundary integral equations and convolution quadrature for scattering by composite media. *Mathematics of Computation*, 91(337):2165–2195, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

- URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03730-3>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03730-3/S0025-5718-2022-03730-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1126143>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=613978>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=621885>. [Sao22]
- Reinke:2023:WDK**
- [RSS23] Bernhard Reinke, Dierk Schleicher, and Michael Stoll. The Weierstrass-Durand-Kerner root finder is not generally convergent. *Mathematics of Computation*, 92(340):839–866, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03783-2/S0025-5718-2022-03783-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1489442>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=325630>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=359328>. [SF25]
- Rud:2022:ETN**
- [Rüd22] Thomas Rüd. Explicit Tamagawa numbers for certain algebraic tori over number fields. *Mathematics of Computation*, 91(338):2867–2904, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03771-6/S0025-5718-2022-03771-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Rud%2C%20Thomas>. [Sgob23]
- Sauter:2022:NRW**
- Yannick Sauter. New results for witnesses of Robin’s criterion. *Mathematics of Computation*, 91(334):909–920, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03687-X>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03687-X/S0025-5718-2021-03687-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=306740>.
- Santos:2025:IKS**
- Maria Corte-Real Santos and E. Victor Flynn. Isogenies on Kummer Surfaces. *Mathematics of Computation*, 94(355):2575–2612, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04036-X>.
- Sgobba:2023:DCO**
- Pietro Sgobba. Divisibility conditions on the order of the reductions of algebraic numbers. *Mathematics of Computation*, 92(343):2281–2305, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03771-6/S0025-5718-2023-03771-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sgobba%2C%20Pietro>.

- org/journals/mcom/2023-92-343/S0025-5718-2023-03848-0.
- [SH21] Qiwei Sheng and Cory D. Hauck. Uniform convergence of an upwind discontinuous Galerkin method for solving scaled discrete-ordinate radiative transfer equations with isotropic scattering. *Mathematics of Computation*, 90(332):2645–2669, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03670-4>; <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03670-4/S0025-5718-2021-03670-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1022258>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=748066>.
- [SH22] Lukas Sablica and Kurt Hornik. On bounds for Kummer’s function ratio. *Mathematics of Computation*, 91(334):887–907, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03690-X>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03690-X/S0025-5718-2021-03690-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sablica%20Lukas>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=265899>.
- [SH25] Hiroshi Sugiura and Takemitsu Hasegawa. Error bounds for Gauss–Jacobi quadrature of analytic functions on an ellipse. *Mathematics of Computation*, 94(351):359–379, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03977-7>.
- [SiTiY20] Asaki Saito, Jun ichi Tamura, and Shin ichi Yasutomi. Multidimensional p -adic continued fraction algorithms. *Mathematics of Computation*, 89(321):351–372, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03458-0>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03458-0/S0025-5718-2019-03458-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=229479>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=306289>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=679931>.
- [SJ24] Jiaming Sui and Junxiong Jia. Non-centered parametric variational Bayes’ approach for hier-

- archical inverse problems of partial differential equations. *Mathematics of Computation*, 93(348): 1715–1760, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-348/S0025-5718-2023-03906-0>. [SSX26]
- [SLN23] Zhou Sheng, Jianze Li, and Qin Ni. Jacobi-type algorithms for homogeneous polynomial optimization on Stiefel manifolds with applications to tensor approximations. *Mathematics of Computation*, 92(343): 2217–2245, September 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03834-0>. [ST23]
- [Sog20] Kohei Soga. Stochastic and variational approach to finite difference approximation of Hamilton–Jacobi equations. *Mathematics of Computation*, 89(323): 1135–1159, May 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03437-3; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03437-3/S0025-5718-2019-03437-3.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=909684>. [Ste21]
- [Sheng:2026:IEM] Changtao Sheng, Bihao Su, and Chenglong Xu. An implicit–explicit Monte Carlo method for semi-linear PDEs driven by α -stable Lévy process and its error estimates. *Mathematics of Computation*, 95(357): 263–291, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2024-04044-9>.
- [Sauter:2023:ISS] Stefan Sauter and Céline Torres. On the inf-sup stability of Crouzeix–Raviart Stokes elements in 3D. *Mathematics of Computation*, 92(341): 1033–1059, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2022-03793-5/S0025-5718-2022-03793-5.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Torres%2C%20Celine; https://www.ams.org/mathscinet/search/authors.html?mrauthid=313335>.
- [Steinerberger:2021:WRK] Stefan Steinerberger. A weighted randomized Kaczmarz method for solving linear systems. *Mathematics of Computation*, 90(332): 2815–2826, November 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-0332-0332.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Steinerberger%2C%20Stefan; https://www.ams.org/mathscinet/search/authors.html?mrauthid=109884>.

[//www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03644-3](https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03644-3); <https://www.ams.org/journals/mcom/2021-90-332/S0025-5718-2021-03644-3/S0025-5718-2021-03644-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=869041>. [SvV20]

Sun:2021:LGP

[Sun21] Wenchang Sun. Local and global phaseless sampling in real spline spaces. *Mathematics of Computation*, 90(330):1899–1929, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03620-0>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03620-0/S0025-5718-2021-03620-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Sun%2C%20Wenchang>. [SW20]

MC-50080005

[Sun25] Zheng Sun. Reducing polynomial degree by one for inner-stage operators affects neither stability type nor accuracy order of the Runge–Kutta discontinuous Galerkin method. *Mathematics of Computation*, 94(356):2795–2838, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04037-1>.

Stevenson:2020:UPP

Rob Stevenson and Raymond van Venetië. Uniform preconditioners for problems of negative order. *Mathematics of Computation*, 89(322):645–674, March 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03481-6>; <https://www.ams.org/journals/mcom/2020-89-322/S0025-5718-2019-03481-6/S0025-5718-2019-03481-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=van%20Venetie%2C%20Raymond>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=310898>.

Sorenson:2020:TAF

Jonathan P. Sorenson and Jonathan Webster. Two algorithms to find primes in patterns. *Mathematics of Computation*, 89(324):1953–1968, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03501-7>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03501-7/S0025-5718-2020-03501-7.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=334195>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=903429>.

- [SW21] Sun:2021:NAG Weiwei Sun and Chengda Wu. New analysis of Galerkin-mixed FEMs for incompressible miscible flow in porous media. *Mathematics of Computation*, 90(327): 81–102, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03561-3>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03561-3.pdf>. [SWZ21b]
- [SW25] Sun:2025:UEE Weiran Sun and Li Wang. Uniform error estimate of an asymptotic preserving scheme for the Lévy–Fokker–Planck equation. *Mathematics of Computation*, 94(352):681–725, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03975-3>. [SX21]
- [SWZ21a] Schratz:2021:LRI Katharina Schratz, Yan Wang, and Xiaofei Zhao. Low-regularity integrators for nonlinear Dirac equations. *Mathematics of Computation*, 90(327): 189–214, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03557-1>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03557-1.pdf>. [Sun:2021:PCR]
- Sun:2021:PCR Xingping Sun, Zongmin Wu, and Xuan Zhou. On probabilistic convergence rates of stochastic Bernstein polynomials. *Mathematics of Computation*, 90(328): 813–830, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03589-3>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03589-3.pdf>. [Sun:2021:OEE]
- Sun:2021:OEE Zheng Sun and Yulong Xing. Optimal error estimates of discontinuous Galerkin methods with generalized fluxes for wave equations on unstructured meshes. *Mathematics of Computation*, 90(330):1741–1772, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03605-4>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03605-4.pdf>; <https://www.ams.org/mathscinet/search/authors>.

- html?authorName=Sun%2C%20Zheng;https://www.ams.org/mathscinet/search/authors.html?mrauthid=761305.
- [SY23] Jakob Steininger and Sergey Yurkevich. An algorithmic approach to Rupert's problem. *Mathematics of Computation*, 92(342):1905–1929, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03831-5>.
- [TCL25] Qi Tao, Xiang-Ke Chang, Yong Liu, and Chi-Wang Shu. A local discontinuous Galerkin method for the Novikov equation. *Mathematics of Computation*, 94(354):1603–1631, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04018-8>.
- [TFD25] Eloi Tanguy, Rémi Flamary, and Julie Delon. Properties of discrete sliced Wasserstein losses. *Mathematics of Computation*, 94(353):1411–1465, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03994-7>.
- [TG25] Zhengyu Tao and Xuejun Guo. CM points, class numbers, and the Mahler measures of $x^3 + y^3 + 1 - kxy$. *Mathematics of Computation*, 94(351):425–446, January 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-351/S0025-5718-2024-03961-3>.
- [THW25] Jingyu Tan, Zhijian He, and Xiaogun Wang. Extensible grid sampling for quantile estimation. *Mathematics of Computation*, 94(352):763–800, March 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-352/S0025-5718-2024-03986-8>.
- [TJW25] Peipei Tang, Bo Jiang, and Chengjing Wang. An efficient algorithm for the ℓ_p norm based metric nearness problem. *Mathematics of Computation*, 94(355):2495–2532, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04026-7>.
- [Tra25] Ngoc Tien Tran. Finite element approximation for uniformly elliptic linear PDE of second order in nondivergence form. *Mathematics of Computation*, 94(353):1043–1064, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03966-2>.

- [TXS20] Qi Tao, Yan Xu, and Chi-Wang Shu. An ultraweak-local discontinuous Galerkin method for PDEs with high order spatial derivatives. *Mathematics of Computation*, 89(326):2753–2783, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03562-5>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03562-5/S0025-5718-2020-03562-5.pdf>. [vBHM20]
- [TY25] Timothy S. Trudgian and Andrew Yang. Toward optimal exponent pairs. *Mathematics of Computation*, 94(353):1467–1502, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03993-5>. [vLW23]
- [Ula24] Maciej Ulas. Construction of diagonal quintic threefolds with infinitely many rational points. *Mathematics of Computation*, 93(349):2503–2511, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03953-4>.
- vanBommel:2020:EAI Raymond van Bommel, David Holmes, and J. Steffen Müller. Explicit arithmetic intersection theory and computation of Néron–Tate heights. *Mathematics of Computation*, 89(321):395–410, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03441-5>; <https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03441-5/S0025-5718-2019-03441-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Muller%2C%20J.%20Steffen>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1271408>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=972881>.
- vanLuijk:2023:CLP Ronald van Luijk and Rosa Winter. Concurrent lines on del Pezzo surfaces of degree one. *Mathematics of Computation*, 92(339):451–481, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-339/S0025-5718-2022-03779-0/S0025-5718-2022-03779-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1471783>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=698553>.
- Tao:2020:ULD
- Trudgian:2025:TOE
- Ulas:2024:CDQ

- [VSB26] **Voet:2026:MLO**
Yannis Voet, Espen Sande, and Annalisa Buffa. Mass lumping and outlier removal strategies for complex geometries in isogeometric analysis. *Mathematics of Computation*, 95(357): 105–146, January 2026. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2026-95-357/S0025-5718-2025-04060-2>. [Wan24]
- [Wal99] **Walsh:1999:TCS**
P. G. Walsh. On two classes of simultaneous Pell equations with no solutions. *Mathematics of Computation*, 68(225): 385–388, January 1999. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/jourcgi/jour-pbprocess?fn=110&arg1=S0025-5718-99-01048-0&u=/mcom/1999-68-225/>. See corrigendum [Wal21]. [Wan25]
- [Wal21] **Walsh:2021:CTC**
P. G. Walsh. Corrigendum to “On two classes of simultaneous Pell equations with no solutions”. *Mathematics of Computation*, 90(331):2503–2505, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03677-7; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03677-7/S0025-5718-2021-03677-7>. [WD24] [WDM20]
- pdf; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=230332>. See [Wal99].
- Wang:2024:CAL**
Haiyong Wang. Convergence analysis of Laguerre approximations for analytic functions. *Mathematics of Computation*, 93(350): 2861–2884, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03942-X>. [MC-50080010]
- Xiao Wang. Complexity analysis of inexact cubic-regularized primal-dual methods for finding second-order stationary points. *Mathematics of Computation*, 94(356):2961–3008, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04029-2>.
- Wang:2024:CFP**
Zhaonan Wang and Yingpu Deng. Convergence, finiteness and periodicity of several new algorithms of p -adic continued fractions. *Mathematics of Computation*, 93(350):2921–2942, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03948-0>.
- Wang:2020:DPS**
Dongming Wang, Rina Dong, and Chenqi Mou. Decompo-

- sition of polynomial sets into characteristic pairs. *Mathematics of Computation*, 89(324):1993–2015, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03504-2>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03504-2/S0025-5718-2020-03504-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1242700>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=233946>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=906857>. [WH24]
- Wiltshire-Gordon:2020:CEB**
- [WG20] John D. Wiltshire-Gordon. On computing the eventual behavior of an FI-module over the rational numbers. *Mathematics of Computation*, 89(326):2985–3001, November 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03538-8>; <https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03538-8/S0025-5718-2020-03538-8.pdf>. [WLF25]
- Wu:2025:FCC**
- [WGMZ25] Zhizhang Wu, Ivan G. Graham, Dingjiong Ma, and Zhiwen Zhang. A Filon–Clenshaw–Curtis–Smolyak rule for multi-dimensional oscillatory integrals with application to a UQ problem for the Helmholtz equation. *Mathematics of Computation*, 94(354):1911–1946, July 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-354/S0025-5718-2024-04007-3>. **Williams:2024:GKI**
- David M. Williams and Qingguo Hong. Generalized Korn’s inequalities for piecewise H^1 and H^2 vector fields. *Mathematics of Computation*, 93(350):2587–2609, November 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-350/S0025-5718-2024-03935-2>. **Wang:2025:OEE**
- Kun Wang, Enlong Liu, and Xinlong Feng. Optimal error estimate of unconditionally positivity-preserving, mass-conserving and energy stable method for the Keller–Segel chemotaxis model. *Mathematics of Computation*, 94(356):2761–2793, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04041-3>. **Wang:2021:NSS**
- Xiang Wang, Junliang Lv, and Yonghai Li. New superconvergent structures developed from the finite volume element method in 1D. *Mathematics of Computation*, 90(329):1179–1205, May 2021.

- CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03587-X>; <https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03587-X/S0025-5718-2020-03587-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%2C%20Yonghai>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Lv%2C%20Junliang>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Xiang>.
- [WLSZ23] Haijin Wang, Fengyan Li, Chi-Wang Shu, and Qiang Zhang. Uniform stability for local discontinuous Galerkin methods with implicit-explicit Runge–Kutta time discretizations for linear convection–diffusion equation. *Mathematics of Computation*, 92(344):2475–2513, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03842-X>.
- [WpL20] Stephen J. Wright and Chingpei Lee. Analyzing random permutations for cyclic coordinate descent. *Mathematics of Computation*, 89(325):2217–2248, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03530-3>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03530-3/S0025-5718-2020-03530-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1024505>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=213980>.
- [WWW21] Menghan Wu and Haiyong Wang. Gaussian quadrature rules for composite highly oscillatory integrals. *Mathematics of Computation*, 93(346):729–746, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03878-9>.
- [Wright:2020:ARP] Stephen J. Wright and Chingpei Lee. Analyzing random permutations for cyclic coordinate descent. *Mathematics of Computation*, 89(325):2217–2248, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03636-4>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03636-4/S0025-5718-2021-03636-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Cong>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1024505>.
- [Wu:2024:GQR] Menghan Wu and Haiyong Wang. Gaussian quadrature rules for composite highly oscillatory integrals. *Mathematics of Computation*, 93(346):729–746, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03878-9>.
- [Wang:2021:TPA] Cong Wang, Jie Wu, and Qiang Wu. Totally positive algebraic integers with small trace. *Mathematics of Computation*, 90(331):2317–2332, September 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03636-4>; <https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03636-4/S0025-5718-2021-03636-4.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Cong>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1024505>.

- search/authors.html?authorName=Wu%2C%20Jie; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wu%2C%20Qiang>. [WX22]
- Wang:2022:FSA**
- Yinkun Wang and Shuhuang Xiang. Fast and stable augmented Levin methods for highly oscillatory and singular integrals. *Mathematics of Computation*, 91(336):1893–1923, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03725-X>; <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03725-X/S0025-5718-2022-03725-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Xiang%2C%20Shuhuang>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1046342>. [WY22a]
- Wang:2022:DDE**
- Wansheng Wang and Lijun Yi. Delay-dependent elliptic reconstruction and optimal $L^\infty(L^2)$ a posteriori error estimates for fully discrete delay parabolic problems. *Mathematics of Computation*, 91(338):2609–2643, November 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03761-3/S0025-5718-2022-03761-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Wansheng>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1422543>. [WY23]
- Wu:2022:FOF**
- Yifei Wu and Fangyan Yao. A first-order Fourier integrator for the nonlinear Schrödinger equation on $\mathbb{T}$ without loss of regularity. *Mathematics of Computation*, 91(335):1213–1235, May 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03705-9>; <https://www.ams.org/journals/mcom/2022-91-335/S0025-5718-2021-03705-9/S0025-5718-2021-03705-9.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wu%2C%20Yifei>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1422543>. [WY22b]
- Wang:2023:PDP**
- Larry X. W. Wang and Neil N. Y. Yang. Positivity of the determinants of the partition function and the overpartition function. *Mathematics of Computation*, 92(341):1383–1402, May 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03810-8/S0025-5718-2023-03810-8.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Yang%2C%20Neil%20N.%20Y>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=845775>.

- [WZ22] **Wang:2022:SLR**
 Yan Wang and Xiaofei Zhao. A symmetric low-regularity integrator for nonlinear Klein–Gordon equation. *Mathematics of Computation*, 91(337):2215–2245, September 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). [WZZ22]
 URL <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03751-0>; <https://www.ams.org/journals/mcom/2022-91-337/S0025-5718-2022-03751-0/S0025-5718-2022-03751-0.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Yan>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1045425>.
- [WZSP21] **Widlund:2021:BFD**
 O. B. Widlund, S. Zampini, S. Scacchi, and L. F. Pavarino. Block FETI-DP/BDDC preconditioners for mixed isogeometric discretizations of three-dimensional almost incompressible elasticity. *Mathematics of Computation*, 90(330):1773–1797, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03614-5>; <https://www.ams.org/journals/mcom/2021-90-330/S0025-5718-2021-03614-5/S0025-5718-2021-03614-5.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=182600>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=291739>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=828985>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=923734>.
- Wang:2022:SEA**
 Jihong Wang, Jiwei Zhang, and Chunxiong Zheng. Stability and error analysis for a second-order approximation of 1D nonlocal Schrödinger equation under DtN-type boundary conditions. *Mathematics of Computation*, 91(334):761–783, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03685-6>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2021-03685-6/S0025-5718-2021-03685-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wang%2C%20Jihong>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Jiwei>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zheng%2C%20Chunxiong>.
- Xu:2024:DVT**
 Wei-Wei Xu and Zheng-Jian Bai. Double-variable trace maximization for extreme generalized singular quartets of a matrix pair: a geometric method. *Mathematics of Computation*, 93(349):2331–2359, September 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

- tronic). URL <https://www.ams.org/journals/mcom/2024-93-349/S0025-5718-2024-03936-4>. [YCQ20]
- Xiang:2023:PEE**
- [XKLW23] Shuhuang Xiang, Desong Kong, Guidong Liu, and Li-Lian Wang. Pointwise error estimates and local superconvergence of Jacobi expansions. *Mathematics of Computation*, 92(342):1747–1778, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03835-2>.
- Xing:2024:UAF**
- [XLL24] Xin Xing, Xiaoxu Li, and Lin Lin. Unified analysis of finite-size error for periodic Hartree–Fock and second order Møller–Plesset perturbation theory. *Mathematics of Computation*, 93(346):679–727, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03877-7>.
- Xia:2025:SPR**
- [XXX25] Yu Xia, Zhiqiang Xu, and Zili Xu. Stability in phase retrieval: Characterizing condition numbers and the optimal vector set. *Mathematics of Computation*, 94(356):2931–2960, November 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-356/S0025-5718-2024-04042-5>.
- Yang:2020:OCS**
- Yang Yang, Xiaofeng Cai, and Jing-Mei Qiu. Optimal convergence and superconvergence of semi-Lagrangian discontinuous Galerkin methods for linear convection equations in one space dimension. *Mathematics of Computation*, 89(325):2113–2139, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03527-3>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03527-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1008921>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1167587>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=843920>.
- Yin:2025:TDL**
- Peimeng Yin, Eirik Endeve, Cory D. Hauck, and Stefan R. Schnake. Towards dynamical low-rank approximation for neutrino kinetic equations. Part I: Analysis of an idealized relaxation model. *Mathematics of Computation*, 94(353):1199–1233, May 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-353/S0025-5718-2024-03997-2>.
- YEHS25**

- [YLLO24] **Yu:2024:FPG**
 Jiajia Yu, Rongjie Lai, Wuchen Li, and Stanley Osher. A fast proximal gradient method and convergence analysis for dynamic mean field planning. *Mathematics of Computation*, 93(346): 603–642, March 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03879-0>.
- [ZC21] **Zhang:2021:NTA**
 Liping Zhang and Chiyu Chen. A Newton-type algorithm for the tensor eigenvalue complementarity problem and some applications. *Mathematics of Computation*, 90(327):215–231, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03558-3>; <https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03558-3/S0025-5718-2020-03558-3.pdf>. [Zen23]
- [ZC21] **Zeng:2023:NIC**
 Zhonggang Zeng. A Newton’s iteration converges quadratically to nonisolated solutions too. *Mathematics of Computation*, 92(344): 2795–2824, November 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03657-2>.
- [ZCL⁺22] **Zahm:2022:CDR**
 Olivier Zahm, Tiangang Cui, Kody Law, Alessio Spantini, and Youssef Marzouk. Certified dimension reduction in nonlinear Bayesian inverse problems. *Mathematics of Computation*, 91(336): 1789–1835, July 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03737-6>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1084083>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1084144>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=1106417>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=761311>; <https://www.ams.org/mathscinet/search/authors.html?mrauthid=869711>.
- [Zha22] **Zhao:2022:SCE**
 Weifeng Zhao. Strictly convex entropy and entropy stable schemes for reactive Euler equations. *Mathematics of Computation*, 91(334):735–760, March 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2022-03721-2>; <https://www.ams.org/journals/mcom/2022-91-334/S0025-5718-2022-03721-2/S0025-5718-2022-03721-2.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhao%20Weifeng>.

- [Zim21] **Zimmermann:2021:GAS**
 Ralf Zimmermann. A geometric approach to subspace updates and orthogonal matrix decompositions under rank-one modifications. *Mathematics of Computation*, 90(328): 671–688, March 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03574-1>; <https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03574-1/S0025-5718-2020-03574-1.pdf>. [ZWZ20]
- [ZL20] **Zhang:2020:BAT**
 Qinghai Zhang and Zhixuan Li. Boolean algebra of two-dimensional continua with arbitrarily complex topology. *Mathematics of Computation*, 89(325): 2333–2364, September 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03539-X>; <https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03539-X/S0025-5718-2020-03539-X.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Li%20Zhixuan>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%20Qinghai>. [ZYYZ25]
- Zhao:2023:IPV**
 Jikun Zhao, Shipeng Mao, Bei Zhang, and Fei Wang. The interior penalty virtual element method for the biharmonic problem. *Mathematics of Computation*, 92(342): 1543–1574, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03828-5>.
- Zhang:2020:LCM**
 Ning Zhang, Jia Wu, and Liwei Zhang. A linearly convergent majorized ADMM with indefinite proximal terms for convex composite programming and its applications. *Mathematics of Computation*, 89(324): 1867–1894, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/AMSMathViewer>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03506-6>; <https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03506-6/S0025-5718-2020-03506-6.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Wu%20Jia>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%20Liwei>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%20Ning>.
- Zhang:2025:CDP**
 Lei-Hong Zhang, Linyi Yang, Wei Hong Yang, and Ya-Nan Zhang. A convex dual problem for the rational minimax approximation and Law-

son's iteration. *Mathematics of Computation*, 94(355):2457–2494, September 2025. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2025-94-355/S0025-5718-2024-04021-8>.

Zhang:2023:RLB

[ZZY23]

Hui Zhang, Lu Zhang, and Hao-Xing Yang. Revisiting linearized Bregman iterations under Lipschitz-like convexity condition. *Mathematics of Computation*, 92(340):779–803, March 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <https://www.ams.org/journals/mcom/2023-92-340/S0025-5718-2022-03792-3/S0025-5718-2022-03792-3.pdf>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Yang%2C%20Hao-Xing>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Hui>; <https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Lu>.