# A Complete Bibliography of Publications in *Mathematics of Computation*, 2020–2029

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

31 May 2024
Version 1.10

## Title word cross-reference

$(0, 2)$ [HMXY23]. 1 [KMNN21]. 2 [BBL20, FS20]. $2^n + p$ [DDDR20]. $2^t$ [MS20b]. $2m$ [CH20]. 3 [BBL20, KK21]. 4 [FS24]. 5 [KK21]. $B$ [LL20]. $C^0$ [Ley21]. $C_4 \times C_4 \times C_4$ [BBERPC24]. $D_4$ [ABG+24]. $E$ [BRS24]. $G(p^f)$ [LMP20]. $\Gamma$ [MS20a]. $H(\mathrm{div})$ [EV20]. $H^1$ [EV20, HHZ23]. $hp$ [CDG22]. $k$ [MOT21]. $L$ [AFPwaabAVS22, BMOR21, DMV23, LV22]. $L^\infty(L^2)$ [WY22a]. $\lambda$ [BS23, DK23]. $\mathbb{Q}$ [PT22]. $\mathbb{R}$ [LL20]. $\mathbb{R}^d$ [GKS22, NS23]. $\mathbb{R}^n$ [CH20]. $\mathbb{T}$ [WY22b]. $\mathbb{Z}_2$ [Pag22]. $\mathbf{H}(\boldsymbol{curl})$ [CFEV22]. $\mathbf{P}_2 - \mathbf{P}_1$ [ORZ21]. FI [WG20]. $N$ [Fre23]. $\overline{M}_{0,6}$ [BKR20]. $P$ [DMM24, BCM21, BLN+24, CFEV22, LV22, LMP20, MR20, MT20, MR24, PS21, SiTiY20]. $q$ [QH22]. $qd$ [Hua20]. $\theta(x)$ [BKL+21]. $U_n - b^m = c$ [HTVZ23]. $X_0(N)$ [AKMJ+24, BKS23, NO24].

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

**120-cell** [MZ21]. **1D** [WLL21, WZZ22].

**2-torsion** [HSS21]. **2D** [MIJR21].

**30750-bit** [GKL+21]. **3D** [ST23].

**4-manifolds** [MZ21].

**5-chromatic** [BBKP24].

**Abel** [AAP22]. **abelian** [CCG20, DK23, Dem22, FR22, HS21a, Mar21]. **acceleration** [CT22a, Rie23]. **Accuracy** [DSW22, HS21b, Hua20, PO23]. **Accurate** [BPT21, CLT22, DLL21]. **achieving** [DGS22, NS23]. **action** [ABG+24]. **actions** [FJRR21]. **adapted** [JZCH24]. **Adaptive** [HW20, HPR24, Car20, DGM20, FMP21, GHPS21, HXDM24, KG21, Li21, lLZ21]. **additive** [AHPS20, BBERPC24, GGS23]. **ADI** [BDF21]. **adic** [BCM21, BLN+24, LV22, MT20, MR24, SiTiY20]. **ADMM** [ZWZ20]. **ADRT** [LRR23]. **advection** [FM20]. **affine** [BLH22]. **after** [FS21]. **agent** [CEHT23]. **agglomeration** [AHPS20]. **agglomeration-based** [AHPS20]. **aggregation** [CFS21]. **Alfeld** [FGN20]. **algebra** [ZL20]. **algebraic** [AMP22, BRS24, Fla21, Rüd22, Sgo23, WWW21]. **algebraically** [JKK21]. **algebras** [CEFO20, CSS24, DMV23]. **algorithm** [Bla22, FP22, GCL23, Har21, LR21, LS20a, LdCS+21, MM21, MT20, MR24, OR23, ZC21]. **algorithmic** [BLH22, SY23]. **Algorithms** [HB22, PS21, BST21, BV24, BP24, CKNS21, JCWH21, KL23, SiTiY20, SLN23, SW20]. **Aliasing** [Gos20]. **Allen** [HJQ23, HS23]. **almost** [DGS22, WZSP21]. **along** [HSS21]. **alternating** [GSW23, JZCH24]. **amongst** [Ros22]. **Ampère** [GT23, QT20]. **amplification** [AGY21]. **analog** [Fla20]. **analogue** [QH22]. **analyses** [KBL21]. **Analysis** [ACS21, DSS23, HHZ23, KHR23, LS24, LZMW20, lLZ21, Not20, Reu22, BM22, BRT23, BDF21, BLM23, CLY23, CNV21, CHW20, DL22, DGSW22, ELM+24, EPR21, GM24, GS20, HW21, HXDM24, HLX22, HKLP23, HS23, Kop21, LS23, LQW21, LSL22, LQT22, LLZ23, MIJR21, Nic24, NS23, PYAT21, SW21, WZZ22, XLL24, YLLO24]. **analytical** [DS20a]. **analyticity** [KK20]. **Analyzing** [WpL20]. **anchoring** [HXDM24]. **anisothermal** [FOS22]. **anisotropic** [BBM21]. **annealing** [BP24]. **ANOVA** [GKS22, KPW21]. **Anti** [Not22]. **Anti-Gaussian** [Not22]. **AP** [BRS23]. **application** [DD23]. **applications** [CEHT23, DS20a, DOS20, GPW21, HH20, HKLP23, LR21, LLZ23, PS21, SLN23, ZWZ20, ZC21]. **applied** [DES22, GAHW21]. **approach** [BLH22, FMZ23, JST22, KZ22, Sog20, SY23, SJ24, Zim21]. **Approximate** [JCWH21, Nak20]. **Approximating** [FLMSS22]. **Approximation** [ACEL21, AK24, MKL21, AL20, BDOT24, BR21, BKRS20, Ben22, BNPP20, BBL20, CM23, CKNS21, FOS22, GHS23, KMNN21, Ley21, Sog20, WZZ22]. **Approximations** [DMM20, BEKU21, BM22, BAL21, BHL24, CNV21, MS22, SLN23]. **arbitrarily** [CDG22, ZL20]. **arbitrarily-shaped** [CDG22]. **arbitrary** [FM20, FS21, Han23, LMP20]. **arbitrary-order** [Han23]. **arising** [Fre23]. **arithmetic** [AF20, CJdL21, EHP22, FKRS21, Ric22, vBHM20]. **arithmeticity** [BKK24]. **aromas** [BCM+24]. **aromatic** [LV20]. **arrangements** [BK23a]. **artificial** [PYAT21]. **assimilation** [BFO20, DSW22]. **assisted** [CSS24]. **associated** [KBL21]. **assuming** [EHP22]. **Asymptotic** [DOP23, HM22, DMM24, LMY21]. **Asymptotics** [CT22b]. **augmented** [HMXY23, LDHS23, WX22]. **automorphisms** [OS21]. **Average** [FS20, FJRR21]. **AVF** [CHS22]. **avoidable** [Ros20]. **Avoiding** [Ros22, BR21]. **aware** [GS23]. **away** [Ros20].

**B** [LV20]. **B-series** [LV20]. **Backward** [De 20, ABD20, HS21b, HPW20]. **Baillie** [BFW21]. **balance** [BAL21]. **balanced** [DOP23, Gos20]. **band** [CHV24]. **barotropic** [HLS21]. **base** [GJN20]. **based** [AB20, AHPS20, DGSW22, GMS21, HPR24, MR20]. **bases** [BSW23]. **basis** [BK24, HP21]. **Baxter** [AMV22]. **Bayes'** [SJ24, COS21]. **Bayesian** [HKS21, ZCL+22]. **BDDC** [WZSP21]. **BDF** [HS21b, HJQ23]. **BDF2** [lLZ21]. **be** [BBGS22, Ros20]. **beams** [LRY20]. **become** [FS21]. **behavior** [WG20]. **behaviors** [LL20]. **Bernstein** [SWZ21b]. **Besov** [HKS21]. **between** [BLH22, GKS22, HJ20, Mil20]. **Bézout** [GLNY20]. **Bielliptic** [BKS23, NV23]. **biharmonic** [Ley21, ZMZW23]. **binary** [GKL+21]. **biomembranes** [CYB+21]. **Biot** [GCL23, KZ22]. **birational** [BGMS23]. **Birch** [KMwaabAVS23]. **bit** [GKL+21]. **blending** [FW23]. **blob** [CEHT23]. **Block** [WZSP21]. **Bonse** [MT22]. **Bonse-type**

[MT22]. **Boolean** [ZL20]. **Boosted** [HNP22]. **Borcherds** [PSY20]. **both** [BLM24, HM22]. **bottlenecks** [DEG22]. **bound** [AMP22, Doe22, EHP22, HJQ23]. **boundary** [ASZ23, ACS21, Ben22, BBV21, BHL24, Col20, DLL21, GS22, MIJR21, Nic24, PYAT21, RSM22, WZZ22]. **bounded** [BNWX23]. **Bounds** [BDH+21, Avd21, BRS23, BFS22, BCF23, BKL+21, CDM+20, CT22c, DMM24, FMS24, Fla21, Gal23, KZ23, Nak20, SH22]. **BPX** [BNWX23]. **braces** [BBERPC24]. **bracketing** [GPW21]. **Bregman** [ZZY23]. **broken** [CFEV22, EV20]. **Bruijn** [AB20]. **BSDEs** [CT20]. **Butson** [LÖS20].

**Cahn** [BV23, HJQ23, HS23, LQW21, LQT22, Li22b]. **calculation** [CHV24]. **calculations** [KL23]. **calculus** [AFGS23, HLX22, LdCS+21]. **Calderón** [GH22]. **can** [BBGS22]. **cardinality** [PP20]. **Carlo** [HKS21, CLY23, HW21, KPW21]. **Cartan** [FJRR21, MM21, MS20c]. **Cartier** [AFPwaabAVS22]. **case** [Not20]. **cell** [MZ21]. **centered** [SJ24]. **certain** [Rüd22]. **Certified** [ZCL+22]. **chamber** [BKR20]. **change** [GJN20]. **changing** [FS21]. **characteristic** [WDM20]. **characterization** [LRR23]. **characters** [LMP20, PT22]. **Chebyshev** [BKL+21, Not22]. **Chevalley** [BLH22, LMP20]. **chromatic** [BBKP24]. **circle** [QESS24]. **Class** [BK22, Bar21, CLT22, EH20, GM21, HH20, HLMT21, JST22, KNRR22, KK21, LV20, MT22]. **classes** [Wal99, Wal21]. **classical** [RS23]. **classification** [BS22, Rak24]. **Clifford** [BJT20]. **clusters** [CDM+20, HJLZ20]. **CM** [OS21]. **cochain** [FW23]. **codes** [BDH+21, BGPW21]. **coefficients** [CM23, GS20, IGMS23]. **Coleman** [BT20]. **Collective** [Car20]. **colliding** [AGY21]. **common** [QESS24]. **commuting** [MR20]. **compact** [BJT20]. **companion** [De 20]. **complementarity** [ZC21]. **complete** [GAHW21, HLR23, IL23]. **Completely** [AB20, AK24]. **complex** [CH22a, DD23, DIS23, Han23, ZL20]. **complexes** [CH24, HL21]. **complexity** [Bar20, BKM20, CT20, PP20]. **Component** [DGS22, CKNS21]. **Component-by-component** [DGS22, CKNS21]. **composite** [FS21, RSM22, WW24, ZWZ20]. **composition** [BCCET22]. **compressible** [BLMM+23, HLS21]. **Computation** [CS23, GKL+21, BMR24, BKM20, ERS21, FW20, GM24, HH20, MR23, Ric22, vBHM20]. **Computational** [PV20, GHPS21]. **compute** [LR21, MM21]. **Computing** [AKMJ+24, AFPwaabAVS22, BK23a, BKR20, DMM24, GP24, GCO22, HJ20, LV22, Mar21, Mil20, RS24, DDDR20, Hua20, JST22, LS20a, WG20]. **Concurrent** [vLW23]. **condition** [EPR21, MIJR21, ZZY23]. **conditioned** [BBGS22]. **Conditioning** [ABD20, De 20]. **conditions** [BBV21, BK22, BHL24, Col20, GS22, GGS23, HLZ23, Nic24, PYAT21, Sgo23, WZZ22]. **Conforming** [HL21, CYB+21, CH22b, HHZ23, CYB+21]. **congruence** [BK22]. **Congruences** [Fre23]. **congruential** [MS20b]. **conjecture** [BK23a, KMwaabAVS23, Pag22, Pul20, QH22]. **conjugacy** [BMP21]. **conjugate** [BCCET22]. **consecutive** [JT22]. **conservation** [HJLW20]. **Conservativity** [HLMT21]. **conserving** [KHR23]. **Consistency** [BAL21, COS21, HLMT21]. **consistent** [GGKO23, KL23]. **constant** [AL20, Avd21, DK21, FM20]. **constituted** [FOS22]. **constraints** [ACEL21, BLM24, EH20, GAHW21, LDHS23, MKL21]. **Constructing** [FR22, Kho20]. **Construction** [BRT23, FW23, BS23, CKNS21, DGS22, KBL21, LLZ23]. **continua** [ZL20]. **continued** [BST21, MR24, SiTiY20]. **continuous** [GHS23, LS21, MT22]. **contrast** [PV20]. **control** [CT20, CEHT23]. **controlled** [DSW22]. **controlling** [Li21]. **convected** [BRT23]. **convection** [CHEF24, CJS23, FP20, GLFN20, WLSZ23, YCQ20]. **convection-diffusion** [GLFN20]. **Convergence** [ASZ23, BGH+23, BDF21, BL21, BP24, CNV21, CT22a, CHW20, DGSW22, GT23, GGS23, HW21, HXDM24, KÇR23, KG21, LQW21, AL20, FMP21, HS23, Lav21, LMY21, LQT22, MLR22, NS23, PYAT21, SH21, SWZ21b, YCQ20, YLLO24, MS20a]. **Convergent** [KZ23, LD20, LWW+21, LPP21, RSS23, ZWZ20]. **converges** [Zen23]. **convex**

[Bar21, BK23b, BDF21, CHW20, HMXY23, LL21, LN22, ZWZ20, Zha22]. **convexity** [ZZY23]. **convolution** [RSM22]. **coordinate** [WpL20]. **corners** [ACS21]. **correction** [GO20, LSL22, MLR22]. **Correlation** [QH22]. **Corrigendum** [CHL24, KG21, Wal21]. **costs** [GHPS21]. **count** [FS20]. **Counting** [BMOR21, HSW22, KS20, GEL24, KRRZ20]. **coupled** [AMU21]. **Coupler** [GEL24]. **Coupling** [HLZ23]. **covers** [GPW21]. **Coxeter** [KS20]. **Crank** [BBV21]. **criterion** [Sao22]. **Crouzeix** [CS22, HM22, ST23]. **crystalline** [CHV24]. **Cubature** [CT20]. **curl** [CFEV22, CF23]. **curvature** [DK21]. **curve** [FS24, KNRR22, NO24]. **Curves** [PT22, AAP22, AKMJ+24, ABG+24, AFPwaabAVS22, BT20, BNP24, BS22, BKS23, BR21, Box21, BDS20, DGJ20, Fre23, GJN20, GEL24, HSS21, HJ24, IL23, Kay22, Mil20, NV23, OS21, Rak24]. **curvilinear** [LQXY24]. **cusp** [PSY20]. **CutFEM** [BHL24]. **Cutting** [Pul20]. **cycles** [GMZ20]. **Cyclic** [BNP24, WpL20]. **cyclotomic** [BK24, Pag22].

**damping** [KR22]. **data** [BFO20, DSW22]. **database** [ELM+24]. **Davidson** [LX22]. **Decomposition** [WDM20, BKR20, GHM24, Lap20]. **decompositions** [AC22, Füh22, Zim21]. **decoupled** [GCL23]. **Dedekind** [HSW22]. **Deep** [HPW20, FMZ23]. **definite** [MM21]. **degenerate** [CNV21]. **Degree** [AMP22, CF23, EV20, FM20, FS20, vLW23]. **degree-** [FS20]. **del** [vLW23]. **Delay** [WY22a]. **Delay-dependent** [WY22a]. **delta** [Avd21]. **Deninger** [LR21]. **Density** [CHS22, BGH+23, DDDR20]. **dependent** [FMZ23, KBPS21, KHR23, WY22a]. **depth** [BBK+24]. **derivative** [DES22, JST22]. **derivatives** [GM24, TXS20]. **descendant** [BAFG20]. **descent** [JZCH24, LM22, WpL20, CHW20]. **descents** [Cre20, KS20]. **design** [BLM23]. **desingularization** [FKRS21]. **detection** [BS24, QESS24]. **determinants** [WY23]. **deterministic** [Har21, HH22, Hit21, Kir20]. **developed** [WLL21]. **devising** [DS21]. **DG** [IGMS23]. **diagrams** [BLM23, CHV24]. **difference** [Ben22, BDF21, Coe24, Sog20]. **differences** [BBM21]. **Differential** [CH20, AGdS22, BCCET22, BBM21, BRS24, FMZ23, GAHW21, LMY21, SJ24]. **differentiation** [HS21b]. **diffraction** [QESS24]. **diffusion** [BCHR20, CHEF24, CJS23, CEHT23, Gos20, GLFN20, HLZZ21, lLZ21, OW20, WLSZ23]. **diffusion-reaction** [HLZZ21]. **digit** [FS21]. **dimension** [BBL20, BGMS23, YCQ20, ZCL+22]. **dimensional** [Dua21, GT23, Gos20, HPW20, PO23, WZSP21, ZL20, dCIDV24]. **dimensions** [CH22b, CH22a, CH24, EV20, HHY20, HL21, GSY23]. **Diophantine** [HTVZ23, KLM20, PT22]. **Dirac** [BCY20, SWZ21a]. **Dirichlet** [BMOR21, BBV21]. **discontinuous** [AHPS20, Bar21, CDG22, CJS23, KHR23, KÇR23, KG21, LZMW20, MLR22, SH21, SX21, TXS20, WLSZ23, YCQ20]. **discrepancy** [Doe22, GPW21]. **discrete** [BF24, DD23, FP20, GKL+21, Han23, HL21, HS23, LL21, LQXY24, MS22, RS23, SH21, WY22a]. **discrete-ordinate** [SH21]. **discretised** [GGS23]. **Discretization** [MS20a, AFKL21, AMU21, BBM21, DL22, GT23, GGKO23, GGO20, KZ22]. **discretizations** [CDZ22, DSS23, Lav21, WLSZ23, WZSP21]. **discriminants** [Bar20]. **disk** [HLZZ21, HJ21]. **dispersive** [CRS22]. **dissipative** [CLT22]. **distributed** [AB20]. **Distribution** [MS20b, MS24, CT22b, MOT21]. **div** [CH22b]. **divergence** [HHZ23]. **divergence-free** [HHZ23]. **Divisibility** [Sgo23]. **domain** [PYAT21, RSM22]. **domains** [ACS21, BNWX23, BY24, KK20, Ric22, RS24]. **dominated** [JKK21]. **dominating** [GKS22, GHS23]. **Dörfler** [PP20]. **Doubly** [ABG+24]. **DP/BDDC** [WZSP21]. **drift** [Gos20]. **drift-diffusion** [Gos20]. **DtN** [WZZ22]. **DtN-type** [WZZ22]. **Dual** [CT22c, JCWH21, LD20]. **duality** [Bar21, KNT21]. **Durand** [RSS23]. **Dyer** [KMwaabAVS23]. **dynamic** [YLLO24]. **dynamical** [BEKU21, Lav21]. **Dynamics** [FS24, BFS22]. **Dynkin** [MM21].

**ECM** [BS22]. **ECM-friendly** [BS22]. **Effective** [Avd21]. **efficient** [BK23b, MNST20].

**eigenproblems** [Reu22]. **eigenschemes** [BGV24]. **eigenvalue** [BT22, CSX23, Gal23, GSTZ22, LX22, ZC21]. **eigenvalues** [ABD20, CDM+20, HM22, RS24]. **eigenvector** [BBGS22]. **eigenvectors** [CDM+20, OR23]. **elastic** [BR21, DLL21]. **elasticity** [CH22a, DS20a, KBPS21, LS23, LS24, WZSP21]. **elastodynamics** [DS20a, MIJR21]. **electromagnetic** [Nic24]. **electronic** [KL23]. **electrostatic** [RS23]. **Element** [CH20, AFGS23, BFO20, CNV21, Car20, CH22a, CH24, FOS22, FP20, GT23, GHPS21, GM21, GSTZ22, GS20, HLX22, JKK21, KK20, LL21, Li21, Li22a, LQXY24, Reu22, WLL21, ZMZW23]. **element/holomorphic** [GSTZ22]. **elements** [CDG22, CS22, CH22b, DS21, GSW23, HM22, JT22, KS20, LS23, LS24, MIJR21, ORZ21, ST23]. **elliptic** [AMU21, BNP24, BS22, BHL24, CSX23, CM23, DGJ20, DES22, Fre23, GJN20, HP23, HKS21, KZ23, KNRR22, WY22a]. **elliptic-parabolic** [AMU21]. **Embedded** [FKRS21]. **empirical** [COS21]. **Energy** [CEOR20, LS23, CNV21, LWW+21]. **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, BV23, BCY20, BFS22, BCF23, BW24, BRT23, BDF21, BY24, BFO20, CHEF24, Coe24, CHS22, GT23, GGKO23, GS20, GMS21, HLZZ21, HTVZ23, HW22, HPR24, HJQ23, IGMS23, Kir20, LQW21, LQT22, Li22b, MV24, PYAT21, WZZ22, WZ22, WLSZ23, WY22b]. **Equations** [BGV24, CH20, AGdS22, AHHT23, BGH+23, BKRS20, BCHR20, BBK+24, BCCET22, BF24, BRS24, CRS22, CNV21, CFS21, DGM20, DES22, DL22, FS22, FMS24, FMZ23, GS22, Gos20, GLFN20, HHZ23, HLMT21, HS21b, HS23, JKK21, KBPS21, KHR23, KÇR23, LZMW20, LL20, LMY21, LSL22, lLZ21, MLR22, PT22, QT20, RSM22, SWZ21a, SH21, Sog20, SJ24, SX21, Wal99, Wal21, YCQ20, 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, CT20, Kop21, MS22, MT22, ORS22, AGY21, BM22, BFS22, BCF23, BK23b, CLY23, CNV21, CFEV22, CF23, De 20, DGS22, DMM24, DL22, FMS24, GS20, HLZZ21, KBPS21, Ley21, LSL22, MV24, Nak20, NS23, PT21, SX21, WY22a, WZZ22, XKLW23, XLL24]. **errors** [ABD20, GGO20, Li21, LRY20]. **essentially** [CDG22]. **estimates** [BV23, BW24, Bar21, BLMM+23, BHL24, CFEV22, CHL22, CHL24, HLZZ21, Ley21, MS22, MT22, MV24, ORS22, SX21, WY22a, XKLW23]. **estimation** [BK23b, BPT21, COS21, HKS21, KBPS21]. **estimators** [CF23]. **Euclidean** [DK21, GSY23]. **Euler** [AL20, AF20, ERS21, FLMSS22, HLMT21, Zha22]. **evaluation** [BKM20, BLM24, CT22b]. **eventual** [WG20]. **everywhere** [Dem22]. **evolutionary** [JKK21]. **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** [HW21]. **Explicit** [AGdS22, BT20, BRS23, BK23b, CHL22, EHP22, Kay22, Rüd22, vBHM20, AMU21, Cre20, HJLW20, HS21b, LMY21, LQT22, LLZ23, WLSZ23, CHL24]. **exponent** [BST21, Har21, HH22, KK21]. **exponential** [DL22]. **extended** [GI23, HLX22]. **extensions** [CFEV22, EV20, FW23, FR22, Pag22]. **exterior** [AFGS23, HLX22].

**Facial** [Lap20]. **factorisation** [Har21, HH22]. **factorization** [DH20, Hit21]. **Faltings** [Avd21, Dua21]. **families** [BS22, MSSS23, Pul20]. **family** [GP24]. **fans** [BKR20]. **far** [Ros20]. **Farin** [GLN22]. **Fast** [CKNS21, ERS21, WX22, LR21, LS20a, YLLO24, BNPP20, CHW20]. **Faster** [Har24]. **Faulhaber** [GPW21]. **fault** [GO20]. **FEM** [HHZ23]. **FEMs** [MS22, SW21]. **Feshbach** [DSS23]. **FETI** [WZSP21]. **FETI-DP** [WZSP21]. **FETI-DP/BDDC** [WZSP21]. **few** [GMZ20]. **Fiedler** [De 20]. **field**

[BCM21, BK24, GKL+21, JT22, YLLO24]. **fields** [BNP24, BS24, DGJ20, DK23, JST22, KK21, LV22, LC22, Mar21, OW20, Pag22, Rüd22]. **fifth** [Har21, HH22]. **film** [GGKO23]. **Filon** [GI23]. **filter** [LS21]. **filtered** [GGO20]. **find** [SW20]. **finder** [RSS23]. **Finding** [PSY20, Kho20]. **FindStat** [ELM+24]. **Finite** [CH22b, CH24, FOS22, GSTZ22, AFGS23, BLMM+23, BAL21, Ben22, BCHR20, BDF21, BBM21, BFO20, CNV21, Car20, CH22a, Coe24, DMV23, FP20, GT23, GHPS21, GS20, HLMT21, HLX22, HB22, JT22, JKK21, KS20, KK20, LMP20, LS23, LS24, LL21, Li21, Li22a, LQXY24, Mar21, MIJR21, Reu22, Sog20, WLL21, XLL24, dSKJV23, GM21]. **finite-size** [XLL24]. **finiteness** [MT20]. **first** [CT22b, GKS22, JCWH21, WY22b]. **first-order** [GKS22, JCWH21, WY22b]. **fixed** [AF20, BNP24]. **flow** [ASZ23, COS21, FOS22, SW21]. **flows** [CDZ22, HLS21, MS20a]. **fluids** [FOS22]. **flux** [BRT23, CHEF24, EV20, MS20a]. **flux-limited** [MS20a]. **fluxes** [LZMW20, SX21]. **Fock** [XLL24]. **Fokker** [AHHT23, LL20]. **forced** [Ros20]. **form** [DDDR20]. **forms** [AC22, BMR24, BJT20, BV24, BK22, CT22c, DPRT24, LwaabAL21, MR23, MS20c, MwaabML24, PSY20]. **formulae** [Not22]. **formulas** [FS22, HS21b]. **formulation** [BRT23]. **Four** [JT22, Ros22]. **Fourier** [BLMM+23, DSS23, QH22, WY22b]. **fourth** [EH20]. **fraction** [BST21, SiTiY20]. **fractional** [AHHT23, BM22, BNWX23, FMP21, HLZZ21, KR22, Kop21, MSS24]. **fractional-order** [Kop21]. **fractions** [MR24]. **framelets** [DH20]. **framework** [BF24, BDH+21, HKLP23, KNT21]. **Frankl** [Pul20]. **free** [HHZ23, Mar21, MIJR21, MOT21]. **Freeness** [BDS20, BK23a]. **frequency** [BY24, PV20]. **frequency-time** [BY24]. **Fried** [FJRR21]. **friendly** [BS22]. **Frobenius** [FS20]. **Fuchsian** [Ric22]. **Full** [DL22, AFKL21]. **fully** [DD23, Han23, HS23, WY22a]. **Function** [KMNN21, AF20, Avd21, BPT21, BKL+21, BLM24, CT22b, CHS22, GSTZ22, LR21, SH22, WY23]. **Functional** [MSSS23]. **functions** [BDOT24, BKPU24, BMOR21, BKM20, BRS24, CS23, GAHW21, GHS23, HSW22, KNS22, LV22]. **fundamental** [HB22, Ric22]. **fusion** [PS21].

**Galerkin** [KG21, AHPS20, Bar21, BKRS20, CDG22, CJS23, HLZZ21, HW20, HLX22, KHR23, KÇR23, LZMW20, MLR22, SH21, SW21, SX21, TXS20, WLSZ23, YCQ20]. **Galerkin-mixed** [SW21]. **Galois** [Fre23, Mas20]. **gamma** [LR21]. **gap** [GP24]. **Gaussian** [GKS24, KOG21, LRY20, Not22, WW24]. **Gearhart** [Rie23]. **General** [LRY20, BVA20, Han23, HJQ23, KBL21, LDHS23, MR23, QT20]. **Generalized** [Cre20, DH20, Rie23, CS23, GPW21, Hua20, LZMW20, MS22, SX21, EHP22]. **generally** [RSS23]. **generated** [OW20]. **generation** [GSW23, LÖS20]. **generator** [MS24]. **generators** [BAFG20, DH20, JST22]. **generic** [BS23]. **genetics** [CT22b]. **genus** [ABG+24, FS24, HSS21, Mil20, Rak24]. **genus-2** [ABG+24]. **geometric** [AL20, LS20a, Zim21]. **Geometry** [AGY21, AAP22]. **Georges** [BGM22]. **Gilbert** [AFKL21]. **GIT** [BKR20]. **GIT-fans** [BKR20]. **given** [PSY20]. **gives** [GKS24]. **global** [Sun21]. **globally** [LD20]. **Gluing** [HSS21]. **Gonality** [NO24]. **good** [Dem22]. **Gordon** [BFS22, WZ22]. **graded** [Kop21]. **Gradgrad** [HL21]. **Gradgrad-complexes** [HL21]. **gradient** [JZCH24, LM22, MS20a, YLLO24]. **grandchildren** [BA24]. **graph** [BGM22]. **Graphs** [GMZ20, GEL24, LS20b, MSSS23]. **great** [BA24]. **great-grandchildren** [BA24]. **Greenberg** [Pag22]. **grid** [Not20]. **grids** [AHPS20, Gos20]. **Gross** [HW22]. **group** [AMP22, BBERPC24, Box21, BMP21, KK21]. **groups** [BJT20, BKK24, GJN20, GSW23, HB22, Hul22, KS20, KLM20, LMP20, PS21, Ric22]. **Growth** [GJN20, CLY23]. **Guaranteed** [CDM+20].

**Hadamard** [LÖS20]. **half** [Coe24]. **half-line** [Coe24]. **Halpern** [HXDM24]. **Hamilton** [Sog20]. **Hamiltonian** [CDZ22, GMZ20, JO23]. **Hartree** [XLL24]. **Hasse** [BVA20, HKY22]. **HDG** [BRT23, DS20a, DS21]. **heat** [BDF21]. **Hecke** [PT22]. **heights** [vBHM20]. **Helmholtz** [BRT23, GGS23, GS20, LX22]. **Hensel** [BV24, Mas20]. **Hensel-lifting** [Mas20]. **heterogeneous** [PV20]. **heuristics** [DK23]. **hierarchical** [COS21, SJ24]. **High** [HJLW20,

AHPS20, HHZ23, Hua20, HPW20, PV20, TXS20]. **high-contrast** [PV20]. **high-dimensional** [HPW20]. **high-order** [AHPS20]. **Higher** [AFKL21, FJRR21, NS23]. **Higher-order** [AFKL21, NS23]. **higher-rank** [FJRR21]. **highly** [DLL21, GI23, WX22, WW24]. **Hilbert** [KOG21, LM22]. **Hilliard** [BV23, LQW21, LQT22, Li22b]. **Hodge** [Bla22]. **holomorphic** [GSTZ22]. **homogeneous** [ABD20, BJT20, SLN23]. **homology** [DEG22]. **Homomesies** [ELM+24]. **homotopies** [BSW23]. **homotopy** [LdCS+21]. **Hood** [ORZ21]. **Hopf** [FP20]. **house** [Fla21]. **Huber** [Avd21]. **hybrid** [BY24]. **Hybridization** [AFGS23]. **hybridized** [KHR23, KÇR23]. **hydrostatic** [BL21]. **hyperbolic** [BAL21, Ben22, DGSW22, GM21, HJLW20, HS21b, HLZ23, MZ21]. **hyperelliptic** [DIS23, Kay22]. **Hypocoercivity** [BCHR20, BF24]. **Hypothesis** [EHP22].

**ideal** [BK24]. **ideals** [Bla22]. **identifying** [OR23]. **iid** [KNS22]. **images** [BLH22]. **Imaginary** [KK21, JST22]. **imaging** [KR22]. **IMEX** [HS21b, HHZ23]. **IMEX-BDF** [HS21b]. **IMEX-SAV** [HHZ23]. **impedance** [GGS23]. **implementation** [FKRS21]. **Implicit** [LLZ23, AFKL21, HS21b, HS23, LQW21, LQT22, WLSZ23]. **Implicit-explicit** [LLZ23, HS21b, 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, KÇR23, MLR22, SW21, WZSP21]. **indefinite** [ZWZ20]. **inequalities** [MT22]. **inequality** [GAHW21, GPW21, LDHS23]. **Inexact** [BLM24, BKM20]. **inextensible** [BR21]. **Inf** [Fei22, ORZ21, CS22, ST23]. **Inf-sup** [Fei22, ORZ21, CS22, ST23]. **infinite** [Box21]. **infinitely** [HJ24]. **inhomogeneous** [CEHT23]. **integer** [Har21, HH22, Har24, Hit21]. **integers** [DDDR20, Fla21, WWW21]. **integral** [ASZ23, DLL21, FMP21, GM24, HLZZ21, KZ23, LPP21, RSM22]. **integrals** [BCM+24, GI23, WX22, WW24]. **Integration** [KOG21, BT20, BCCET22, Kay22, KMNN21, LS20b, NS23]. **integrator** [WZ22, WY22b]. **integrators** [BCJ23, CRS22, DL22, FMS24, JO23, LV20, SWZ21a]. **interfacial** [ASZ23]. **interior** [BY24, Ley21, LD20, ZMZW23]. **interior-point** [LD20]. **interpolant** [FP20]. **Interpolation** [DST23, MR20]. **intersection** [IL23, vBHM20]. **interval** [Ben22, CHL22, CHL24]. **intrinsically** [BKM20]. **invariable** [GSW23]. **invariant** [MS20c]. **invariants** [BDS20, DK23, HW22, HB22]. **inverse** [GLFN20, HKS21, KR22, LM22, SJ24, ZCL+22]. **inversion** [CT22a, CT22b]. **inversions** [KS20]. **inversive** [MS20b]. **irrationals** [BCM21]. **isogenies** [BNP24, Mil20]. **Isogenous** [DIS23, ABG+24]. **isogeny** [KNRR22]. **isogeometric** [MNST20, WZSP21]. **isolation** [HJLZ20]. **isomorphisms** [HJ20]. **isoparametric** [LQXY24]. **Isotropic** [LC22, MIJR21, SH21]. **Iteration** [BKM20, DGM20, GGO20, HXDM24, Zen23]. **iterations** [ZZY23]. **Iterative** [GHM24, GCL23, HW20]. **Iwasawa** [DK23].

**Jacobi** [LX22, MT20, SLN23, Sog20, XKLW23]. **Jacobi-type** [SLN23]. **Jacobians** [Cre20, DIS23, Mas20, Mil20, OS21]. **jittered** [Doe22]. **jump** [LL20].

**K3** [BVA20]. **Kac** [FS22]. **Kaczmarz** [Rie23, Ste21]. **Kahan** [BCM+24]. **Kalman** [CT22a, LS21]. **KdV** [LZMW20]. **Kelmans** [BGM22]. **kernel** [COS21, KOG21]. **kernels** [AK24, GCO22, KOG21]. **Kerner** [RSS23]. **Kerr** [MV22]. **Kerr-type** [MV22]. **Khovanskii** [BSW23]. **kind** [CT22b, KZ23]. **kinetic** [BCHR20, BF24, BL21, HS21b]. **Kirchhoff** [DD23]. **Kissing** [DK21]. **kit** [MwaabML24]. **Klein** [BFS22, BJT20, WZ22]. **Kleinian** [BKK24]. **knots** [BR21]. **Koshy** [Rie23]. **Krylov** [CS23]. **Kummer** [SH22]. **Kutta** [LLZ23, WLSZ23].

**L2** [Kop21]. **L2-type** [Kop21]. **Lagrange** [DMM20]. **Lagrangian** [FM20, HMXY23, LDHS23, YCQ20]. **Landau** [AFKL21]. **Langevin** [BP24, CHS22].

**Langevin-simulated** [BP24]. **Laplace** [GLFN20, Reu22]. **Laplacian** [FMP21, HLZZ21, RS24]. **Laplacians** [BNWX23]. **Large** [LL20, Li22b]. **lattice** [CKNS21, DGS22, NS23]. **lattices** [HJ20, KMNN21]. **law** [GCO22]. **laws** [BAL21, HJLW20]. **leading** [CF23]. **leapfrog** [GMS21]. **learning** [FMZ23]. **Least** [BNPP20, Car20, HNP22, HX24, MNST20]. **Least-Squares** [BNPP20, Car20, HNP22]. **left** [BBERPC24]. **Lehman** [Hit21]. **Lemma** [CD23]. **less** [Fla21]. **letters** [Ros20]. **level** [LX22, PSY20]. **Levenshtein** [BDH+21]. **Levin** [WX22]. **liar** [FS20]. **Lie** [BJT20, BCJ23, CEFO20, CSS24]. **Lifshitz** [AFKL21]. **lifted** [BDH+21]. **lifting** [BV24, Mas20]. **like** [ZZY23]. **limit** [BCHR20, HLS21, LS21]. **limited** [MS20a]. **Line** [dSKJV23, BBK+24, Coe24]. **Line-search** [dSKJV23]. **linear** [AMP22, BCHR20, BBM21, BGMS23, CT22c, DGSW22, HJQ23, HLZ23, KBPS21, LS23, LQW21, LM22, MIJR21, MwaabML24, PP20, 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** [Ros22]. **Littlewood** [BGPW21, HJ21, LdCS+21]. **Local** [Sun21, CJS23, GMS21, HJLW20, LZMW20, TXS20, WLSZ23, XKLW23]. **localization** [HP23, OR23]. **locally** [CSX23, Li22a, MS22]. **locus** [BK23a]. **log** [HH22]. **log-log** [HH22]. **logarithm** [GKL+21]. **logarithmic** [KZ23]. **logarithms** [MwaabML24]. **lognormal** [CM23]. **Long** [FMS24, BFS22, BCF23, CRS22, LV20]. **Long-time** [FMS24, BFS22, BCF23]. **loss** [WY22b]. **Love** [DD23]. **Low** [BHL24, GHS23, HLS21, SWZ21a, BEKU21, FMS24, ORS22, WZ22]. **Low-rank** [GHS23, BEKU21]. **Low-regularity** [SWZ21a, FMS24, WZ22]. **lower** [Gal23]. **LSOS** [dSKJV23]. **Lyapunov** [BST21, GAHW21].

**MAC** [BGH+23]. **Mach** [HLS21]. **Magnus** [CEFO20]. **Mahler** [FP22]. **majorized** [ZWZ20]. **Mandelbrot** [LwaabAL21]. **manifold** [HLR23]. **manifolds** [CEOR20, MZ21, SLN23]. **Manin** [AFPwaabAVS22]. **many** [HJ24, OS21]. **maps** [AAP22, BGMS23, ELM+24]. **marginal** [ACEL21]. **marking** [Car20, PP20]. **Markov** [DMM20]. **mass** [KHR23]. **massively** [AHPS20]. **materials** [CHV24]. **matrices** [AFPwaabAVS22, GP24, LÖS20]. **matrix** [ABD20, CS23, DK23, DH20, Hua20, MM21, MS24, OW20, Zim21]. **matrix-valued** [OW20]. **maximal** [BA22, DIS23, KK20]. **Maximum** [Li22a, HJQ23, LL21, LQXY24]. **Maximum-norm** [Li22a]. **Maxwell** [LX22]. **mean** [YLLO24]. **means** [PO23]. **measures** [BCM+24, Fla21, GCO22]. **media** [MV22, PV20, RSM22, SW21]. **median** [PO23]. **meromorphic** [BNPP20]. **mesh** [Li22a]. **meshes** [DD23, Han23, HLR23, Kop21, SX21]. **metabelian** [KLM20]. **Method** [CH20, AGdS22, ASZ23, ACS21, AHHT23, BLMM+23, BCM+24, BFO20, CLY23, CHV24, CFS21, CLT22, CT20, CHW20, CSX23, CJS23, CEHT23, DES22, DLL21, Dua21, DSS23, FMP21, FP20, GI23, GS22, GSTZ22, GMS21, HLZZ21, HMXY23, Hit21, Hua20, IGMS23, JZCH24, JKK21, KHR23, KÇR23, Kop21, Li22a, LQT22, LX22, LD20, LDHS23, MIJR21, MNST20, OW20, Rie23, SH21, Ste21, TXS20, WLL21, YLLO24, ZMZW23]. **methods** [AHPS20, BCY20, BFS22, BCF23, BW24, Bar21, BT22, BCCET22, CDG22, Car20, CS23, CEOR20, CYB+21, CM23, Gal23, GHPS21, GM21, GS23, GO20, HW20, HLMT21, HP21, HJLW20, Kho20, Kir20, KG21, KPW21, LL21, LZMW20, Li21, LSL22, LN22, Li22b, LLZ23, LQXY24, MSS24, Not20, QESS24, Reu22, SX21, WX22, WLSZ23, YCQ20, dSKJV23]. **metric** [HLR23]. **million** [Hul22]. **Minimal** [MSS24, CW23, FJRR21, PP20]. **Minimality** [AC22, BGM22]. **Minimization** [BRS24, GAHW21, BK23b, BKM20, BLM23, BLM24]. **minimum** [DH20]. **miscible** [SW21]. **Mixed** [Gal23, Bar20, BHL24, GKS22, GHS23, LS23, LS24, Li21, SW21, WZSP21]. **mobility** [HJQ23]. **Möbius** [ABD20]. **mod** [Fre23]. **model** [GCL23, HPR24, HS21a, KZ22]. **Modelling** [FMZ23]. **models** [GHM24]. **modifications** [Zim21]. **Modified** [CHV24]. **Modified-operator**

[CHV24]. **Modular** [HJ24, MS20c, AKMJ+24, BS22, BKS23, BMR24, Box21, CCG20, CT22c, LwaabAL21, MR23, NV23, NO24, Rak24]. **module** [WG20]. **moduli** [BK23a]. **modulo** [MS20b, MS24]. **Møller** [XLL24]. **moment** [Kir20]. **moments** [ACEL21]. **Monge** [GT23, QT20]. **monic** [BDOV20]. **monotone** [AK24, BBM21, CHEF24]. **Monte** [CLY23, HW21, HKS21, KPW21]. **Mordell** [Box21]. **Mori** [BKR20]. **morphisms** [BLH22]. **Motion** [QESS24]. **moving** [GEL24]. **multi** [CEHT23, ERS21]. **multi-agent** [CEHT23]. **multi-precision** [ERS21]. **Multidimensional** [SiTiY20, BST21]. **Multilevel** [Füh22]. **Multiple** [BY24, HJLZ20]. **Multiple-scattering** [BY24]. **multiplication** [DIS23, Har24]. **Multiplicative** [LwaabAL21, BP24, HS23]. **Multiplicities** [CDM+20]. **multipliers** [LDHS23]. **multiprojective** [HLRS21]. **multiquadratic** [KK21]. **multirate** [AGdS22]. **multiresolution** [KBL21]. **Multiscale** [MV22, HP23]. **multivariate** [CKNS21]. **must** [Ros20].

**Nagao's** [KMwaabAVS23]. **natural** [FP20, Li21]. **Navier** [BLMM+23, BGH+23, GS22, HHZ23, KHR23, KÇR23, LSL22, MLR22]. **Near** [CM23, AGY21, KZ23]. **near-colliding** [AGY21]. **Near-optimal** [CM23]. **negative** [DST23, Füh22, MSS24, SvV20]. **Nernst** [LWW+21]. **Néron** [vBHM20]. **nested** [DGM20]. **nets** [PO23]. **network** [GHM24]. **Neumann** [Li22a]. **Newman** [HJ21]. **Newton** [CSX23, ZC21]. **Newton-type** [ZC21]. **Newtonian** [FOS22]. **Newton's** [Zen23]. **Nicolson** [BBV21]. **Nitsche** [GS22]. **NLS** [ORS22]. **no** [Wal99, Wal21]. **nodal** [AAP22]. **nodes** [AGY21]. **noise** [BP24, GGKO23, HS23]. **Non** [SJ24, AHPS20, CYB+21, DIS23, DK21, FOS22, JO23, LC22, MS20c]. **Non-centered** [SJ24]. **non-conforming** [CYB+21]. **non-Euclidean** [DK21]. **non-hyperelliptic** [DIS23]. **non-Lipschitz** [LC22]. **non-Newtonian** [FOS22]. **non-overlapping** [AHPS20]. **non-separable** [JO23]. **non-split** [MS20c]. **Nonconforming** [CH20]. **noncongruence** [BMR24]. **nonconvex** [JZCH24, Li22a, dSKJV23]. **Nonexistence** [BJT20]. **nonfree** [BK23a]. **nonisolated** [Zen23]. **nonlinear** [BFS22, BCF23, BW24, BAL21, CT22a, FMS24, HW20, HX24, HPW20, JKK21, KR22, LMY21, LD20, MV22, Nic24, SWZ21a, WZ22, WY22b, ZCL+22]. **nonlinearity** [BFS22, BW24]. **nonlocal** [LQW21, WZZ22]. **nonnormal** [Not20]. **nonrelativistic** [BCY20]. **nonsmooth** [Bar21, JZCH24]. **nonsurjective** [Fre23]. **nonsymmetric** [KZ22]. **Norm** [HKY22, FW20, HHY20, LS23, Li21, Li22a]. **normal** [BNPP20, DES22]. **norms** [FR22, Füh22, MSS24]. **note** [DS21, QT20]. **novel** [LDHS23]. **null** [BGPW21]. **number** [BS24, DK23, DH20, DK21, EPR21, EHP22, FS22, HHZ23, HJ21, HLS21, JST22, KK21, LR21, MS24, PT21, Rüd22]. **number-theoretic** [LR21]. **numbers** [BCM21, BK22, CT22b, CW23, CHL22, MS20b, MOT21, Rüd22, Sgo23, WG20, CHL24]. **Numerical** [BBL20, BSW23, CLY23, CYB+21, GLFN20, Kir20, LdCS+21, LS20b, MIJR21, Nic24, AHHT23, BCCET22, BAFG20, BA24, CFS21, CHEF24, CLT22, CT22b, CHS22, HLRS21, LZMW20, LQW21, LMY21, LWW+21, MS20a].

**objective** [BLM24]. **oblique** [BBV21]. **obstacle** [DLL21]. **obstructions** [BVA20]. **octagon** [BA22]. **Odd** [BVA20, FM20]. **one** [Har21, HH22, HHY20, HKY22, PO23, YCQ20, Zim21, vLW23]. **one-fifth** [Har21, HH22]. **onto** [NS23]. **operator** [CHV24, DST23, GSTZ22]. **operators** [BNPP20, BBM21, Col20, DSS23]. **Optimal** [SX21, YCQ20, ACEL21, Car20, CSX23, CM23, DGS22, FMP21, GKS24, HNP22, KZ22, Lav21, Li21, MS22, WY22a]. **optimality** [GHPS21]. **optimization** [CHW20, JZCH24, LDHS23, QH22, SLN23, dSKJV23]. **Order** [CH20, FMZ23, AFKL21, AHPS20, BKRS20, BVA20, BBM21, CFS21, EH20, Füh22, GKS22, GSW23, Han23, HPR24, HJLW20, HJQ23, Hul22, JCWH21, Kop21, NS23, PS21, Sgo23, SvV20, TXS20, WZZ22, WY22b, XLL24, dSKJV23]. **Orderly** [LÖS20]. **ordinate** [SH21]. **Orientable** [MZ21]. **Orthogonal** [OX20, NS23, OW20, RS23, Zim21]. **orthogonality** [Fei22]. **oscillatory** [GI23, WX22, WW24]. **overall** [GHPS21].

**overlapping** [AHPS20]. **overpartition** [WY23].

**packing** [CT22c, dCIDV24]. **packings** [BKK24]. **Padeé** [BNPP20]. **Pair** [QH22]. **pairs** [Hua20, WDM20]. **parabolic** [AMU21, BEKU21, BBV21, CNV21, DSW22, KK20, Kir20, Kop21, MNST20, WY22a]. **parallel** [AHPS20, FKRS21, HMXY23]. **parameter** [COS21, FMZ23, KBPS21]. **parameter-dependent** [KBPS21]. **parameters** [HXDM24]. **parametric** [HPR24, SJ24]. **parametrized** [FS22]. **paramodular** [DPRT24, PSY20]. **Partial** [CH20, FMZ23, SJ24]. **particle** [HPR24]. **particle-based** [HPR24]. **partition** [WY23]. **partitions** [BGPW21]. **patchwise** [CFEV22]. **patterns** [SW20]. **PDEs** [BBV21, CM23, EH20, HPW20, Kir20, LLZ23, ORZ21, TXS20]. **Pell** [Wal21, Wal99]. **penalty** [Ley21, ZMZW23]. **perfect** [Hul22]. **Periodic** [BCM21, Col20, NS23, XLL24]. **periodicity** [MT20]. **permutations** [ELM$^+$24, WpL20]. **Perron** [MT20]. **perturbation** [XLL24]. **perturbed** [CJS23, HKLP23]. **Pezzo** [vLW23]. **phaseless** [Sun21]. **Picard** [AFPwaabAVS22]. **piecewise** [FGN20, IGMS23]. **piecewise-smooth** [IGMS23]. **Pitaevskii** [HW22]. **PL** [CYB$^+$21]. **planar** [HLR23]. **Planck** [AHHT23, LL20, LWW$^+$21]. **plane** [BDS20]. **planes** [Pul20]. **planning** [YLLO24]. **plates** [DD23]. **Plesset** [XLL24]. **POD** [CKNS21]. **point** [EH20, HKLP23, JCWH21, LD20]. **points** [AKMJ$^+$24, BKPU24, Box21, FS24, HJ24, Mas20, NV23, Rak24]. **Pointwise** [Ley21, XKLW23]. **Poisson** [ACS21, BS23, BCJ23, HP21, HPR24, LWW$^+$21]. **polarized** [Mar21]. **polygonal** [DD23]. **polygons** [Li22a]. **polyhedra** [LL21, LQXY24]. **polyhedral** [DS21, Han23]. **Polynomial** [BDOT24, BT22, CFEV22, CF23, EPR21, EV20, FW23, FS22, FGN20, HJLZ20, KRRZ20, Lap20, PO23, SLN23, WDM20]. **polynomial-degree-robust** [CF23, EV20]. **polynomial-time** [KRRZ20]. **polynomials** [ABD20, AFPwaabAVS22, BGPW21, FS24, HJ21, KNT21, Kho20, LwaabAL21, MSSS23, OX20, RS23, SWZ21b]. **polytopic** [AHPS20]. **population** [CT22b]. **porous** [SW21]. **positive** [Fla21, MM21, WWW21]. **Positivity** [WY23, GGKO23, LWW$^+$21]. **positivity-preserving** [GGKO23, LWW$^+$21]. **Post** [BKRS20, CEFO20]. **post-Lie** [CEFO20]. **Post-processed** [BKRS20]. **posteriori** [BV23, BM22, CDM$^+$20, CNV21, CFEV22, CF23, KBPS21, MV24, WY22a]. **postprocessing** [AFGS23]. **potential** [EV20]. **potentials** [MIJR21]. **Power** [BS24, GSW23, GCO22, KNRR22, KRRZ20]. **powers** [MS24]. **practical** [HH20, HKLP23]. **precision** [ERS21]. **preconditioned** [CSX23, LX22]. **preconditioner** [AHPS20, BNWX23]. **preconditioners** [SvV20, WZSP21]. **preconditioning** [FOS22]. **prescribed** [FR22, HJ21]. **presence** [MKL21]. **preserved** [BCM$^+$24]. **preserving** [AHHT23, CEOR20, FW23, GGKO23, HP21, HJQ23, LWW$^+$21]. **pressure** [LSL22, MLR22]. **primal** [JCWH21, LD20]. **primal-dual** [JCWH21, LD20]. **primality** [BFW21]. **prime** [CHL22, CHL24, GSW23, KRRZ20, MS24, PT21]. **Primes** [CJdL21, FS21, AF20, BRS23, EHP22, LMP20, SW20]. **primitive** [JT22]. **principle** [BVA20, HKY22, HJQ23, LL21, LQXY24]. **principle-preserving** [HJQ23]. **priors** [HKS21]. **probabilistic** [SWZ21b]. **problem** [ACS21, BBGS22, BBL20, BMP21, BHL24, CLY23, CFEV22, CF23, CJS23, DD23, DLL21, Fla20, GH22, GSTZ22, HHY20, HX24, KR22, KLM20, Kop21, Li22a, LX22, PP20, RS23, SY23, ZC21, ZMZW23]. **problems** [ACEL21, AMU21, BEKU21, BM22, Bar21, BK23b, Ben22, BNPP20, CHW20, CSX23, DSW22, GGS23, HP23, HW20, HKS21, HKLP23, HLZ23, JCWH21, JKK21, KK20, Ley21, LM22, MNST20, SvV20, SJ24, WY22a, ZCL$^+$22]. **procedure** [CF23]. **processed** [BKRS20]. **processes** [LL20]. **product** [DS20b, PSY20]. **products** [AF20, BRS23, ERS21]. **programming** [CJdL21, CT22c, HMXY23, ZWZ20, dCIDV24]. **programs** [LD20]. **progression** [AF20]. **progressions** [CJdL21, EHP22]. **projection** [DOS20, MR20]. **projection-based** [MR20]. **projections** [DS21, NS23]. **projective** [DS20b]. **Prolog** [CSS24]. **Prony** [AGY21]. **propagation**

[LRY20]. **properties** [MKL21]. **proximal** [JZCH24, YLLO24, ZWZ20]. **Pseudoergodic** [Col20]. **pseudoprimes** [FS20]. **pseudorandom** [MS20b, MS24]. **PSW** [BFW21]. **punctured** [BBK+24]. **Pythagorean** [KR20].

**quadrant** [LRR23]. **Quadratic** [Box21, MM21, NV23, AKMJ+24, BNP24, BCM21, BV24, BK22, FS24, JST22, MSSS23, OX20, Pag22]. **quadratically** [Zen23]. **quadrature** [BKPU24, Not22, RSM22, WW24]. **quantile** [HW21]. **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]. **Quinary** [DPRT24]. **quotient** [BKS23].

**radiative** [DGM20, SH21]. **Ramanujan** [GM24, LR21]. **random** [DK23, KS20, LC22, WpL20]. **Randomized** [KRRZ20, DGS22, LS20a, PO23, Ste21]. **Randomizing** [GKS24]. **range** [LRR23]. **rank** [BEKU21, BDOV20, DGS22, FJRR21, GHS23, HMXY23, KMNN21, Zim21]. **rank-** [KMNN21]. **rank-1** [DGS22]. **rank-one** [Zim21]. **rank-two** [HMXY23]. **Rate** [GHPS21, AL20, DGS22, FMP21, GKS24]. **rates** [Car20, SWZ21b]. **ratio** [SH22]. **Rational** [AL20, BLH22, BDS20, CS23, DGJ20, FS24, KR20, Rak24, WG20]. **Rationality** [HHY20]. **Raviart** [ST23, CS22, HM22]. **reaction** [HLZZ21]. **reactive** [Zha22]. **real** [EPR21, LV22, Pag22, Sun21]. **realizations** [GEL24]. **recognize** [FP22]. **reconstruction** [BKPU24, BL21, DES22, EV20, KMNN21, WY22a]. **Recovery** [KNS22]. **rectangular** [PYAT21]. **recursive** [DMM24, MS24]. **reduced** [HP21, FMZ23]. **reduction** [Dem22, HPR24, JZCH24, Lap20, ZCL+22]. **reductions** [Sgo23]. **Refined** [BBK+24, Li22a]. **reflection** [BKK24]. **regime** [BCY20, CRS22]. **regular** [DMM24, FP22]. **regularity** [BHL24, FMS24, Hua20, KK20, ORS22, SWZ21a, WZ22, WY22b]. **regularization** [LC22]. **regularized** [GT23]. **relations** [Bar21]. **relative** [Hua20]. **relaxation** [HS21b, HLZ23, LLZ23, LD20]. **relaxed** [HMXY23]. **repetitive** [DOP23]. **representations** [BCM21, BK22, Dua21, Fre23, LC22, Mas20]. **reproducing** [KOG21]. **residual** [MSS24]. **resolution** [BCY20]. **resolutions** [DS20b]. **respect** [GHPS21]. **restoration** [BLM24]. **restricted** [GGS23, KNS22]. **results** [Sao22]. **reversion** [GH22]. **Revisiting** [ZZY23]. **revolution** [OX20]. **Reynolds** [HHZ23]. **Rham** [CH24]. **Rice** [FS22]. **Richards** [MV24]. **Richardson** [LdCS+21]. **Riemann** [EHP22, BPT21, LS20a]. **Riemannian** [CEOR20, HLR23]. **right** [BAFG20]. **right-generators** [BAFG20]. **rigid** [GEL24]. **rings** [GLNY20, KRRZ20]. **Ritz** [Nak20]. **RMSE** [GKS24]. **Robin** [Sao22]. **Robust** [BV23, BNWX23, KBPS21, CFEV22, CF23, EV20, KZ22]. **Roch** [LS20a]. **root** [Kho20, KRRZ20, RSS23]. **rough** [RS24]. **rounding** [MKL21]. **rule** [GKS24]. **rules** [DGS22, NS23, WW24]. **Runge** [LLZ23, WLSZ23]. **Rupert's** [SY23].

**saddle** [HKLP23, JCWH21]. **saddle-point** [HKLP23]. **SAGE** [KNT21]. **Saint** [BL21]. **Salem** [CW23]. **sample** [LS20b]. **Sampling** [DEG22, CEHT23, Doe22, HW21, KNS22, Sun21]. **sandpile** [HS21a]. **SAV** [HHZ23, LSL22]. **SAV-pressure** [LSL22]. **scale** [HLZ23, LN22]. **Scaled** [NS23, SH21]. **scattering** [BY24, DLL21, MV22, Nic24, PV20, RSM22, SH21]. **scheme** [BR21, BGH+23, BBV21, BCHR20, BDF21, BL21, CHS22, HHZ23, HJQ23, HS23, LQW21, lLZ21, LWW+21, MLR22]. **schemes** [AMU21, Ben22, Coe24, DGSW22, FM20, GM21, HLS21, HPW20, KBL21, LL20, LMY21, MS20a, ORS22, Zha22, LL20]. **Schrödinger** [BCF23, BW24, DSS23, FMS24, PYAT21, WZZ22, WY22b]. **Schubert** [LdCS+21]. **Schur** [CSX23, DSS23, Fla20]. **Schwarz** [AHPS20, GGS23]. **Schwarzian** [JST22]. **SDEs** [LV20]. **search** [BCM+24, CSS24, dSKJV23]. **Second** [BBM21, EH20, BST21, CFS21, HJQ23, KZ23, Kir20, WZZ22, XLL24, dSKJV23].

**second-order** [CFS21, HJQ23, WZZ22, dSKJV23]. **sectional** [DK21]. **seeds** [BA24]. **Segrè** [HH20]. **self** [BR21, KL23]. **self-avoiding** [BR21]. **self-consistent** [KL23]. **selfdual** [Dua21]. **Selmer** [BBK+24]. **Semi** [AMU21, BW24, HS23, LQW21, YCQ20, FM20]. **Semi-explicit** [AMU21]. **semi-implicit** [HS23, LQW21]. **semi-Lagrangian** [YCQ20, FM20]. **semi-smooth** [BW24]. **semidefinite** [CJdL21]. **Semiexplicit** [JO23]. **semigroup** [BAFG20, BA24]. **semilinear** [DL22]. **Sensitivity** [BLM23]. **separable** [HMXY23, JO23]. **sequence** [BS23, BLN+24]. **sequences** [AB20, DMM24, DOP23, FGN20, GLN22]. **Series** [GH22, LwaabAL21, LV20]. **Serre** [Dua21]. **set** [AMV22, BDF21]. **set-theoretic** [AMV22]. **sets** [WDM20]. **settings** [CT22a]. **sextic** [DGJ20]. **Shape** [CD23]. **shaped** [CDG22]. **Sharp** [HLZZ21, Nak20, Doe22]. **Sharper** [BKL+21]. **shifted** [ACS21]. **short** [BK24, MS20b]. **shortfall** [HW21]. **Siegel** [Fla20]. **sieve** [Hel20]. **sign** [Hua20, CLY23]. **simple** [BR21, CF23, CSS24, HJLZ20]. **simplex** [GI23]. **simulated** [BP24]. **simultaneous** [BMP21, Wal99, Wal21]. **single** [LRR23]. **single-quadrant** [LRR23]. **singular** [FP22, Hua20, Nak20, WX22]. **singularity** [KZ23]. **singularly** [CJS23]. **Six** [dCIDV24]. **Six-dimensional** [dCIDV24]. **size** [HMXY23, Ros22, XLL24]. **slip** [GS22]. **small** [BA22, HHY20, PS21, WWW21]. **smallest** [BBKP24]. **smooth** [BW24, FGN20, IGMS23, KK20]. **Smoothed** [EPR21]. **smoothness** [GKS22, GHS23]. **Smyth** [Fla20]. **Sobolev** [DST23, Füh22, GKS22, GKS24, GHS23, KNS22, MSS24]. **solution** [BRT23, CHS22, GHM24, HX24]. **solutions** [AMV22, FLMSS22, FS22, KÇR23, Wal99, Wal21, Zen23]. **solvability** [JKK21]. **solve** [CT20]. **solver** [BY24, MNST20]. **solving** [AGY21, BT22, MIJR21, SH21, Ste21]. **Some** [CCG20, BST21, DGSW22, ERS21, HLS21, KLM20, LR21, PT22, ZC21]. **SONC** [KNT21]. **source** [DGM20, QT20]. **Space** [MNST20, BK23a, EV20, Hit21, IGMS23, KHR23, KÇR23, YCQ20]. **space-time** [IGMS23, KHR23, KÇR23]. **spaces** [BJT20, DST23, DK21, DOS20, Füh22, GKS22, GKS24, GSY23, GHS23, KOG21, KPW21, LS20a, LM22, NS23, Sun21]. **Spanning** [KNRR22]. **Sparse** [BB23, BT22, LC22]. **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]. **split** [MS20c]. **splits** [FGN20, GLN22]. **Splitting** [BCJ23, BCY20, BFS22, BCF23, BW24, BBV21, CHS22, EH20, HMXY23, ORS22]. **SPOD** [CKNS21]. **square** [Gos20, Mar21]. **square-free** [Mar21]. **Squares** [BNPP20, Car20, HNP22, HX24, Lap20, MNST20, Ros20, Ros22]. **Stability** [BR21, Bar20, Ben22, DOS20, FM20, GS23, GS20, HS23, KK20, LQT22, PYAT21, WZZ22, Coe24, Fei22, FP20, GCL23, HKLP23, HX24, LMY21, Li22a, LSL22, ORZ21, ST23, WLSZ23, MLR22]. **Stabilized** [GMS21, AGdS22, JKK21, LQW21]. **Stable** [CFEV22, EV20, CNV21, CS22, GM21, Li22b, LWW+21, WX22, Zha22]. **staggered** [HLMT21, HLS21]. **standard** [BJT20]. **statistics** [CT22b, ELM+24]. **Steiner** [BBL20]. **step** [HMXY23]. **stepping** [GMS21, HJLW20, Li22b]. **Stickelberger** [BK24]. **Stiefel** [SLN23]. **stiff** [AGdS22, HS21b]. **still** [Ros20]. **Stirling** [CT22b]. **Stochastic** [GO20, JZCH24, KL23, LM22, Sog20, BV23, BCJ23, CHS22, HS23, Kir20, LMY21, SWZ21b, dSKJV23, AK24]. **Stokes** [BLMM+23, ASZ23, BGH+23, CH24, DOS20, GS22, HHZ23, Han23, KHR23, KÇR23, LSL22, MLR22, ST23]. **Strang** [BBV21]. **Strengthening** [BFW21]. **Strictly** [Zha22]. **Strong** [LMY21, OR23]. **Structure** [HP21, AHHT23, BNPP20, GS23, JZCH24]. **structure-adapted** [JZCH24]. **structure-aware** [GS23]. **Structure-preserving** [HP21, AHHT23]. **structured** [EPR21]. **structures** [KL23, WLL21]. **study** [LV20]. **subdiffusion** [BM22]. **subdivision** [CYB+21, KBL21]. **subgroups** [BMR24, LMP20, MS20c]. **Subresultants** [CD23]. **subsampled** [BKPU24]. **subsequences** [MS20b].

**Subspace** [CHW20, GGO20, GHM24, GO20, Zim21]. **sum** [Lap20, MKL21]. **sum-up** [MKL21]. **sums** [BPT21, dSKJV23]. **sup** [CS22, Fei22, ORZ21, ST23]. **Super** [BCY20, HP23, PO23]. **Super-localization** [HP23]. **Super-polynomial** [PO23]. **Super-resolution** [BCY20]. **Supercloseness** [CJS23]. **Superconvergence** [BBV21, HW22, XKLW23, YCQ20]. **superconvergent** [WLL21]. **Superelliptic** [OS21]. **superpositions** [LRY20]. **surface** [ORZ21, OX20, Reu22]. **surfaces** [BVA20, CCG20, Dem22, DS20b, FKRS21, vLW23]. **Swinnerton** [KMwaabAVS23]. **Swinnerton-Dyer** [KMwaabAVS23]. **Sylow** [LMP20]. **symbols** [Ros22]. **symmetric** [BDOT24, BCCET22, BMP21, CH22b, CSX23, FW20, Kho20, LS23, LS24, WZ22]. **symmetric-conjugate** [BCCET22]. **symmetry** [BKR20]. **symplectic** [HPR24, JO23]. **system** [AGY21, BLMM+23, BL21, FLMSS22, LWW+21]. **systems** [BT22, BCJ23, CLT22, DGSW22, EPR21, FP22, FS22, GM21, HJLZ20, HP21, HS21b, HLZ23, JO23, PS21, Ste21]. **syzygy** [GLNY20].

**tailored** [BLM23]. **Tamagawa** [Rüd22]. **Tamed** [Coe24]. **tangents** [IL23]. **Tate** [vBHM20]. **Taylor** [GS23, ORZ21]. **tensor** [BGV24, DS20b, FW20, SLN23, ZC21]. **tensors** [CH22b]. **tent** [DGSW22]. **tent-based** [DGSW22]. **tents** [GS23]. **Terao** [BK23a]. **term** [DGM20, PT21]. **terms** [NS23, QT20, ZWZ20]. **ternary** [AC22, BK22]. **test** [BFW21]. **tests** [BB23]. **tetrahedra** [KR20, MR20]. **th** [CH20]. **their** [HSS21]. **theorem** [GLNY20, PT21, BLH22]. **theoretic** [AMV22, LR21]. **theory** [KNT21, XLL24, vBHM20]. **thermal** [GGKO23]. **Thermodynamically** [GGKO23]. **thin** [GGKO23]. **thin-film** [GGKO23]. **three** [BGMS23, CH22b, CH22a, CH24, Dua21, EV20, HL21, MwaabML24, Ros22, WZSP21]. **three-dimensional** [WZSP21]. **threshold** [DOP23]. **thrice** [BBK+24]. **thrice-punctured** [BBK+24]. **tight** [DH20]. **Time** [CRS22, CDZ22, RSM22, BM22, BCY20, BFS22, BCF23, BW24, BY24, FMS24, GMS21, HW22, Hit21, HJLW20, IGMS23, KHR23, KÇR23, KRRZ20, LS21, LV20, LL20, Li22b, MNST20, WLSZ23]. **time-dependent** [KHR23]. **time-fractional** [BM22]. **time-space** [Hit21]. **time-splitting** [BCY20, BFS22, BCF23, BW24]. **time-stepping** [GMS21, Li22b]. **tolerance** [GO20]. **tomography** [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, ORZ21, WWW21]. **traction** [MIJR21]. **tradeoff** [Hit21]. **transfer** [DGM20, SH21]. **transform** [GLFN20]. **transformations** [ABD20]. **transforms** [LPP21]. **transmission** [GSTZ22, GGS23]. **transport** [ACEL21, Coe24, JKK21, Lav21]. **transport-dominated** [JKK21]. **trapezoidal** [GKS24]. **Trefftz** [DES22, IGMS23]. **Tri** [BGMS23]. **Tri-linear** [BGMS23]. **triangular** [CS22, HLR23]. **Tribonacci** [BLN+24]. **triples** [KR20]. **Tropical** [IL23, AAP22]. **truncated** [Har24]. **Two** [LN22, SW20, BBK+24, GT23, Gos20, HMXY23, HLZ23, Hul22, LX22, Not20, Wal99, Wal21, ZL20]. **two-dimensional** [GT23, Gos20, ZL20]. **two-grid** [Not20]. **two-level** [LX22]. **Two-scale** [LN22, HLZ23]. **type** [AK24, Hua20, Kop21, MV22, MM21, MT22, Not22, QT20, SLN23, WZZ22, ZC21].

**ultraweak** [TXS20]. **ultraweak-local** [TXS20]. **unanchored** [GKS22]. **Unconditional** [Lav21, GCL23]. **Unified** [XLL24, KNT21]. **Uniform** [BFS22, LPP21, SH21, SvV20, WLSZ23, BCF23, HS21b]. **uniformly** [AB20, CLT22]. **Uniqueness** [HX24, AC22]. **unit** [HJ21]. **unstructured** [SX21]. **updates** [Zim21]. **upon** [GJN20]. **Upper** [Fla21]. **upwind** [LL20, SH21]. **Using** [BCM+24, BS22, BBV21, CT22b, JST22, Kho20, KMNN21, MIJR21, PO23]. **usual** [Fla21].

**value** [Ben22]. **valued** [MR23, OW20]. **values**

[BKPU24, BRS24, Hua20]. **vanishing** [MKL21]. **variable** [BGH+23, FM20, GS20]. **variance** [JZCH24]. **variational** [Sog20, SJ24]. **varieties** [BLH22, HLRS21, Mar21]. **vector** [MR23, Reu22]. **vector-Laplace** [Reu22]. **vector-valued** [MR23]. **vectors** [Nak20]. **Venant** [BL21]. **version** [CDG22, HMXY23, MR20]. **versus** [CYB+21]. **via** [AAP22, Bar21, CT22c, DEG22, DS20b, LdCS+21, QH22]. **Virtual** [CH20, DS20b, ZMZW23]. **viscosity** [BGH+23, FLMSS22]. **Vlasov** [HPR24]. **Vologodsky** [Kay22]. **Volterra** [AK24]. **volume** [BLMM+23, BAL21, BCHR20, HLMT21, KR20, WLL21].

**Wasserstein** [CDZ22]. **wave** [BKRS20, BY24, BFO20, CRS22, DL22, GMS21, IGMS23, SX21]. **Weak** [LL21, LQXY24, BFS22, HLMT21, KÇR23]. **weakly** [AMU21, LS24]. **Weierstrass** [RSS23]. **Weierstrass-Durand** [RSS23]. **weigh** [LS20b]. **weight** [PSY20]. **weighted** [DOS20, HNP22, KPW21, Ste21]. **weights** [CKNS21]. **Weil** [Box21]. **well** [BBGS22, Gos20]. **well-balanced** [Gos20]. **well-conditioned** [BBGS22]. **Where** [LS20b]. **whose** [BKM20]. **width** [BA22]. **without** [WY22b]. **witnesses** [Sao22]. **words** [Ros22]. **Worsey** [GLN22].

**Yang** [AMV22].

**zeros** [BMOR21, BLN+24, BPT21, HJLZ20, HJ21, HSW22]. **zeta** [BPT21, HSW22]. **zeta-function** [BPT21].

# 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, October 2022. CODEN MCMPAF. 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%2C%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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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%2C%20Emilio; https://www.ams.org/mathscinet/search/authors.html?mrauthid=368040.

**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, April 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**

[ABG+24] 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.

**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, April 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**

[ACEL21] Aurélien Alfonsi, Rafaël Coyaud, Virginie Ehrlacher, and Damiano Lombardi. Approximation of optimal transport problems with marginal moments constraints. *Mathematics of Computation*, 90(328):689–737, October 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.

**Atallah:2021:ASB**

[ACS21] 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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/

2021-90-331/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.

**Akbary:2020:EFP**

[AF20] 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, April 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, July 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, January 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, Francesc 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, April 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%20Sualeh; 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, April 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, July 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.pdf.

**Ayi:2023:SPN**

[AHHT23] 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, October 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**

[AHPS20] 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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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%2C%20Paola%20F.; https://www.ams.org/mathscinet/search/authors.html?authorName=Suli%2C%20Endre; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1298983; https://www.ams.org/mathscinet/search/authors.html?mrauthid=635107.

**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, April 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 $X_0(N)$. *Mathematics of Computation*, 93 (347):1371–1397, July 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.

**Adell:2020:RAE**

[AL20] 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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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.

**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, July 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/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, January 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/S0025-5718-2021-03608-X.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Altmann%2C%20R.; https://www.ams.org/mathscinet/search/authors.html?authorName=Maier%2C%20R.; https://www.ams.org/mathscinet/search/authors.html?authorName=Unger%2C%20B..

**Akgun:2022:EST**

[AMV22] Ö. Akgün, M. Mereb, and L. Vendramin. Enumeration of set-theoretic solutions to the Yang–Baxter equation. *Mathematics of Computation*, 91(335): 1469–1481, July 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/S0025-5718-2022-03696-6.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Akgun%2C%20O.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=829575; https://www.ams.org/mathscinet/search/authors.html?mrauthid=870581.

**Ambrose:2023:CBI**

[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, October 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.

**Avdispahic:2021:EBH**

[Avd21] Muharem Avdispahić. Effective bounds for Huber's constant and Faltings's delta function. *Mathematics of Computation*, 90(331): 2381–2414, July 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/journals/mcom/2021-90-331/S0025-5718-2021-03631-5/S0025-5718-2021-03631-5.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=28365.

**Bingane:2022:ESO**

[BA22] Christian Bingane and Charles Audet. The equilateral small octagon of maximal width. *Mathematics of Computation*, 91(336): 2027–2040, October 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?mrauthid=619525.

**Bras-Amoros:2024:SGG**

[BA24] 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**

[BAFG20] Maria Bras-Amorós and Julio Fernández-González. The right-generators descendant of a numerical semigroup. *Mathematics of Computation*, 89(324): 2017–2030, October 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.

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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, April 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**

[Bar21] 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, October 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.

**Brysiewicz:2023:STT**

[BB23] Taylor Brysiewicz and Michael Burr. Sparse trace tests. *Mathematics of Computation*, 92(344): 2893–2922, October 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.

**Ballester-Bolinches:2024:ELB**

[BBERPC24] 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, April 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.

**Beltran:2022:HWC**

[BBGS22] Carlos Beltrán, Laurent Bétermin, Peter Grabner, and Stefan Steinerberger. How well-conditioned can the eigenvector problem be? *Mathematics of Computation*, 91 (335):1237–1245, July 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.

**Best:2024:RSE**

[BBK+24] 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, July 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.

**Bellitto:2024:SCT**

[BBKP24] 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.

**Bonnivard:2020:NAS**

[BBL20] 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.

**Bonnans:2021:SOM**

[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, October 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.

**Bertoli:2021:SSS**

[BBV21] 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, October 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.

**Blanes:2022:SCC**

[BCCET22] S. Blanes, F. Casas, P. Chartier, and A. Escorihuela-Tomàs. On symmetric-conjugate composition methods in the numerical integration of differential equations. *Mathematics of Computation*, 91(336):1739–1761, October 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.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.

**Bao:2023:IUE**

[BCF23] Weizhu Bao, Yongyong Cai, and Yue Feng. Improved uniform error bounds of the time-splitting methods for the long-time (nonlinear) Schrödinger equation. *Mathematics of Computation*, 92 (341):1109–1139, January 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.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.

**Bessemoulin-Chatard:2020:HDL**

[BCHR20] 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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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?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, July 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 Cerruti, and Nadir Murru. Periodic representations for quadratic irrationals in the field of $p$-adic numbers. *Mathematics of Computation*, 90(331): 2267–2280, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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.

**Bogfjellmo:2024:UAS**

[BCM+24] 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, October 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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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=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, October 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/S0025-5718-2021-03653-4.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Dryja%2C%20Maksymilian; https://www.ams.org/mathscinet/search/authors.html?mrauthid=252450; https://www.ams.org/mathscinet/search/authors.html?mrauthid=312570.

**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, January 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%2C%20P.%20G.; https://www.ams.org/mathscinet/search/authors.html?authorName=Dragnev%2C%20P.%20D.; https://www.ams.org/mathscinet/search/authors.html?authorName=Hardin%2C%20D.%20P.; https://www.ams.org/mathscinet/search/authors.html?authorName=Saff%2C%20E.%20B.; https://www.ams.org/mathscinet/search/authors.html?authorName=Stoyanova%2C%20M.%20M..

**Bachmayr:2024:PAS**

[BDOT24] Markus Bachmayr, Geneviève Dusson, Christoph Ortner, and Jack Thomas. Polynomial approximation of symmetric functions. *Mathematics of Computation*, 93(346):811–839, April 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.

**Bik:2020:MR**

[BDOV20] Arthur Bik, Jan Draisma, Alessandro Oneto, and Emanuele Ventura. The monic rank. *Mathematics of Computation*, 89(325):2481–2505, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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%2C%20Emanuele; 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.

**Buse:2020:FIR**

[BDS20] Laurent Busé, Alexandru Dimca, and Gabriel Sticlaru. Freeness and invariants of rational plane curves. *Mathematics of Computation*, 89(323): 1525–1546, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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**

[BEKU21] 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, April 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.

**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, July 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/S0025-5718-2021-03698-4.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1060440.

**Blaustein:2024:DFH**

[BF24] 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**

[BFO20] Erik Burman, Ali Feizmohammadi, and Lauri Oksanen. A finite element data assimilation method for the wave equation. *Mathematics of Computation*, 89 (324):1681–1709, October 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/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**

[BFS22] 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, April 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/journals/mcom/2022-91-334/S0025-5718-2021-03694-7/S0025-5718-2021-03694-7.pdf; 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.

**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, April 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.

**Batteux:2023:CMS**

[BGH+23] 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, April 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**

[BGM22] Gunnar Brinkmann, Jan Goedgebeur, and Brendan D. McKay. The minimality of the Georges–Kelmans graph. *Mathematics of Computation*, 91(335): 1483–1500, July 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**

[BGMS23] Laurent Busé, Pablo González-Mazón, and Josef Schicho. Trilinear birational maps in dimension three. *Mathematics of Computation*, 92(342): 1837–1866, April 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.

**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, January 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; 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**

[BGV24] Valentina Beorchia, Francesco Galuppi, and Lorenzo Venturello. Equations of tensor eigenschemes. *Mathematics of Computation*, 93 (346):589–602, April 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.

**Burman:2024:LRE**

[BHL24] Erik Burman, Peter Hansbo, and Mats G. Larson. Low regularity estimates for CutFEM approx-

imations 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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2023-92-341/S0025-5718-2023-03812-1/S0025-5718-2023-03812-1.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Kuhne%2C%20Lukas; https://www.ams.org/mathscinet/search/authors.html?mrauthid=706483.

**Bartels:2023:EEE**

[BK23b] Sören Bartels and Alex Kaltenbach. Explicit and efficient error estimation for convex minimization problems. *Mathematics of Computation*, 92(343): 2247–2279, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.

org/journals/mcom/2023-92-343/S0025-5718-2023-03821-2.

**Bernard:2024:SBS**

[BK24] Olivier Bernard and Radan Kucera. A short basis of the Stickelberger ideal of a cyclotomic field. *Mathematics of Computation*, 93(346):887–909, April 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03863-7.

**Bogachev:2024:KSP**

[BKK24] Nikolay Bogachev, Alexander Kolpakov, and Alex Kontorovich. Kleinian sphere packings, reflection groups, and arithmeticity. *Mathematics of Computation*, 93(345):505–521, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03858-3.

**Broadbent:2021:SBC**

[BKL+21] Samuel Broadbent, Habiba Kadiri, Allysa Lumley, Nathan Ng, and Kirsten Wilk. Sharper bounds for the Chebyshev function $\theta(x)$. *Mathematics of Computation*, 90 (331):2281–2315, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03643-1; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03643-1/S0025-5718-2021-03643-1.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Broadbent%2C%20Samuel; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1084240; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1403478; https://www.ams.org/mathscinet/search/authors.html?mrauthid=721483; https://www.ams.org/mathscinet/search/authors.html?mrauthid=760548.

**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/2020-89-321/S0025-5718-2019-03445-2; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03445-2/S0025-5718-2019-03445-2.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Krejic%2C%20N.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=120570; https://www.ams.org/mathscinet/search/authors.html?mrauthid=662583.

**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, April 2024. CO-

DEN 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**

[BKR20] 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, April 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/S0025-5718-2020-03546-7.pdf.

**Bause:2020:PPG**

[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, April 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/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/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, October 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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=647724.

**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, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2020-03600-X; 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%2C%20Francois; https://www.ams.org/mathscinet/search/authors.html?authorName=Lhebrard%2C%20Xavier.

**Blanco:2022:AHI**

[Bla22] Guillem Blanco. An algorithm for Hodge ideals. *Mathematics of Computation*, 91(338): 2955–2967, April 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.

**Barakat:2022:AAC**

[BLH22] 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] E. G. Birgin, A. Laurain, and T. C. Menezes. Sensitivity analysis and tailored design of minimization diagrams. *Mathematics of Computation*, 92(344): 2715–2768, October 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.

**Birgin:2023:SAT**

[BLM24] 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.

**Bueno:2024:IRM**

[BLMM+23] Danica Basarić, Mária Lukácová-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, October 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.

**Basaric:2023:EEF**

[BLN+24] Yuri Bilu, Florian Luca, Joris Nieuwveld, Joël Ouaknine, and

**Bilu:2024:AZT**

James Worrell. On the $p$-adic zeros of the Tribonacci sequence. *Mathematics of Computation*, 93 (347):1333–1353, July 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, October 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.

**Bennett:2021:CZD**

[BMOR21] Michael A. Bennett, Greg Martin, Kevin O'Bryant, and Andrew Rechnitzer. Counting zeros of Dirichlet $L$-functions. *Mathematics of Computation*, 90(329): 1455–1482, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/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%27Bryant%2C%20Kevin; https://www.ams.org/mathscinet/search/authors.html?authorName=Rechnitzer%2C%20Andrew.

**Brodnik:2021:SCP**

[BMP21] Andrej Brodnik, Aleksander Malnic, and Rok Pozar. The simultaneous conjugacy problem in the symmetric group. *Mathematics of Computation*, 90(332): 2977–2995, October 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/S0025-5718-2021-03637-6; 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, July 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, April 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**

[BNPP20] 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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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**

[BNWX23] 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, October 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.

**Box:2021:QPM**

[Box21] Josha Box. Quadratic points on modular curves with infinite Mordell–Weil group. *Mathematics of Computation*, 90 (327):321–343, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03547-9; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03547-9/S0025-5718-2020-03547-9.pdf.

**Bras:2024:CLS**

[BP24] Pierre Bras and Gilles Pagès. Convergence of Langevin-simulated annealing algorithms with multiplicative noise. *Mathematics of Computation*, 93(348): 1761–1803, October 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.

**Brent:2021:AES**

[BPT21] Richard P. Brent, David J. Platt, and Timothy S. Trudgian. Accurate estimation of sums over zeros of the Riemann zeta-function. *Mathematics of Computation*, 90 (332):2923–2935, October 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.

**Bartels:2021:SSS**

[BR21] 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, April 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.

**Balasubramanian:2023:EBP**

[BRS23] Ramachandran Balasubramanian, Olivier Ramaré, and Priyamvad Srivastav. Explicit bounds for products of primes in AP. *Mathematics of Computation*, 92(343): 2381–2411, July 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.

**Bostan:2024:MDE**

[BRS24] Alin Bostan, Tanguy Rivoal, and Bruno Salvy. Minimization of differential equations and algebraic values of $E$-functions. *Mathematics of Computation*, 93(347): 1427–1472, July 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.

**Barucq:2023:CAH**

[BRT23] Hélène Barucq, Nathan Roux-

elin, 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, July 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.

**Barbulescu:2022:CEF**

[BS22] Razvan Barbulescu and Sudarshan Shinde. A classification of ECM-friendly families of elliptic curves using modular curves. *Mathematics of Computation*, 91 (335):1405–1436, July 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.

**Becher:2023:CPG**

[BS23] Verónica Becher and Gabriel Sac Himelfarb. A construction of a $\lambda$-Poisson generic sequence. *Mathematics of Computation*, 92(341): 1453–1466, January 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**

[BS24] Karim Belabas and Denis Simon. Power detection over number fields. *Mathematics of Computation*, 93(348):1953–1961, October 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, October 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, July 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**

[BT20] Jennifer S. Balakrishnan and Jan Tuitman. Explicit Coleman integration for curves. *Mathematics of Computation*, 89(326): 2965–2984, April 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**

[BT22] Matías R. Bender and Simon Telen. Toric eigenvalue methods for solving sparse polynomial systems. *Mathematics of Computation*, 91(337):2397–2429, January 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**

[BV23] Lubomír Banas and Christian Vieth. Robust a posteriori estimates for the stochastic Cahn–Hilliard equation. *Mathematics of Computation*, 92(343): 2025–2063, July 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.

**Brandhorst:2024:HLA**

[BV24] Simon Brandhorst and Davide Cesare Veniani. Hensel lifting algorithms for quadratic forms. *Mathematics of Computation*, 93(348):1963–1991, October 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.

**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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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%2C%20Anthony; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1061301.

**Bao:2024:EET**

[BW24] 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, October 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**

[BY24] 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, April 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.

**Carstensen:2020:CMA**

[Car20] 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/S0025-5718-2019-03474-9.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Carstensen%2C%20Carsten.

**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/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**

[CD23] David A. Cox and Carlos D'Andrea. Subresultants and the Shape Lemma. *Mathematics of Computation*, 92(343): 2355–2379, July 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**

[CDG22] 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/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=757643.

**Cances:2020:GPB**

[CDM+20] 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, April 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.

**Cui:2022:TDW**

[CDZ22] Jianbo Cui, Luca Dieci, and Haomin Zhou. Time discretizations of Wasserstein–Hamiltonian flows. *Mathematics of Computation*, 91(335):1019–1075, July 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/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**

[CEFO20] Charles Curry, Kurusch Ebrahimi-Fard, and Brynjulf Owren. The Magnus expansion and post-Lie algebras. *Mathematics of Computation*, 89(326):2785–2799, April 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**

[CEHT23] Katy Craig, Karthik Elam-

vazhuthi, 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, October 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, April 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%2C%20Solve; https://www.ams.org/mathscinet/search/authors.html?authorName=Owren%2C%20Brynjulf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ringholm%2C%20Torbjorn; https://www.ams.org/mathscinet/search/authors.html?mrauthid=623033.

**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, October 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**

[CFEV22] T. Chaumont-Frelet, A. Ern, and M. Vohralík. Stable broken $\mathbf{H}(\boldsymbol{curl})$ 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%2C%20M.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=349433; https://www.ams.org/mathscinet/search/authors.html?mrauthid=999028.

**Carrillo:2021:SON**

[CFS21] 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, July 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/S0025-5718-2020-03563-7; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03563-7/S0025-5718-2020-03563-7.pdf.

**Chen:2020:NVE**

[CH20] 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, October 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.

**Chen:2022:FEE**

[CH22a] Long Chen and Xuehai Huang. A finite element elasticity complex in three dimensions. *Mathematics of Computation*, 91(337): 2095–2127, January 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/journals/mcom/2022-91-337/S0025-5718-2022-03739-X.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=735779; https://www.ams.org/mathscinet/search/authors.html?mrauthid=854280.

**Chen:2022:FED**

[CH22b] Long Chen and Xuehai Huang. Finite elements for div div conforming symmetric tensors in three dimensions. *Mathematics of Computation*, 91(335): 1107–1142, July 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.

**Chen:2024:FER**

[CH24] 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.

**Chainais-Hillairet:2024:MNF**

[CHEF24] 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**

[CHL22] Michaela Cully-Hugill and Ethan S. Lee. Explicit interval estimates for prime numbers. *Mathematics of Computation*, 91(336): 1955–1970, October 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**

[CHL24] Michaela Cully-Hugill and Ethan S. Lee. Corrigendum to 'Explicit interval estimates for prime numbers'. *Mathematics of Computation*, 93(346): 1019–1025, April 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.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, January 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.

**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, July 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**

[CHW20] Long Chen, Xiaozhe Hu, and Steven M. Wise. Convergence analysis of the Fast Subspace Descent method for convex optimization problems. *Mathe-*

*matics of Computation*, 89(325): 2249–2282, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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.

[CJS23]

**Chirre:2021:PAP**

[CJdL21] Andrés Chirre, Valdir José Pereira Júnior, and David de Laat. Primes in arithmetic progressions and semidefinite programming. *Mathematics of Computation*, 90 (331):2235–2246, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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%2C%20Andres; https://www.ams.org/mathscinet/search/authors.html?authorName=Pereira%20Junior%2C%20Valdir%20Jose; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1067611.

[CKNS21]

**Cheng:2023:SLD**

[CLT22] 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, July 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.

**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, October 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.

**Chartier:2022:UAN**

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, April 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, January 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, April 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03825-X.

**Cances:2021:CPE**

[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, October 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; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03577-7/S0025-5718-2020-03577-7.pdf.

**Coeuret:2024:TSF**

[Coe24] Lucas Coeuret. Tamed stability of finite difference schemes for the transport equation on the half-line. *Mathematics of Computation*, 93(347):1097–1151, July 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.

**Colbrook:2020:POP**

[Col20] Matthew J. Colbrook. Pseudo-ergodic operators and periodic boundary conditions. *Mathematics of Computation*, 89(322):

737–766, April 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.

**Chen:2021:CEB**

[COS21] Yifan Chen, Houman Owhadi, and Andrew M. Stuart. Consistency of empirical Bayes and kernel flow for hierarchical parameter estimation. *Mathematics of Computation*, 90(332): 2527–2578, October 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/S0025-5718-2021-03649-2; 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.

**Creutz:2020:GJE**

[Cre20] Brendan Creutz. Generalized Jacobians and explicit descents. *Mathematics of Computation*, 89 (323):1365–1394, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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**

[CRS22] 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, January 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, January 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.

**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, October 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.

**Cushing:2024:PAS**

[CSS24] 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, July 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**

[CSX23] 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, October 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**

[CT20] 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, October 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, July 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, April 2022. CODEN 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**

[CT22c] 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**

[CW23] Qiong Chen and Qiang Wu. Salem numbers with minimal trace. *Mathematics of Computation*, 92(342):1779–1790, April 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03833-9.

**Chen:2021:NMB**

[CYB+21] Jingmin Chen, Thomas Yu, Patrick Brogan, Robert Kusner, Yilin Yang, and Andrew Zigerelli. Numerical methods for biomembranes: Conforming subdivision methods versus nonconforming PL methods. *Mathematics of Computation*, 90(328): 471–516, October 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.

**deCourcy-Ireland:2024:SDS**

[dCIDV24] Matthew de Courcy-Ireland, Maria Dostert, and Maryna Viazovska. Six-dimensional sphere packing and linear programming. *Mathematics of Computation*, 93 (348):1993–2029, October 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, July 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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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%2C%20Fernando.

**DiRocco:2022:SHB**

[DEG22] Sandra Di Rocco, David Eklund, and Oliver Gäfvert. Sampling and homology via bottlenecks. *Mathematics of Computation*, 91

(338):2969–2995, April 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, July 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, April 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**

[DGJ20] 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**

[DGM20] Wolfgang Dahmen, Felix Gruber, and Olga Mula. An adaptive nested source term iteration for radiative transfer equations. *Mathematics of Computation*, 89 (324):1605–1646, October 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, April 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.

**Drake:2022:CAS**

[DGSW22] 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, April 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.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**

[DH20] 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, April 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.

**Dina:2023:IHN**

[DIS23] Bogdan Dina, Sorina Ionica, and Jeroen Sijsling. Isogenous hyperelliptic and non-hyperelliptic Jacobians with maximal com-

plex multiplication. *Mathematics of Computation*, 92(339): 349–383, July 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.

**Dostert:2021:KNN**

[DK21] Maria Dostert and Alexander Kolpakov. Kissing number in non-Euclidean spaces of constant sectional curvature. *Mathematics of Computation*, 90(331): 2507–2525, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03622-4; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03622-4/S0025-5718-2021-03622-4.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1165370; https://www.ams.org/mathscinet/search/authors.html?mrauthid=774696.

**Delbourgo:2023:IIA**

[DK23] Daniel Delbourgo and Heiko Knospe. On Iwasawa $\lambda$-invariants for abelian number fields and random matrix heuristics. *Mathematics of Computation*, 92(342): 1817–1836, April 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.

**Dorich:2022:FDE**

[DL22] Benjamin Dörich and Jan Leibold. Full discretization error analysis of exponential integrators for semilinear wave equations. *Mathematics of Computation*, 91(336):1687–1709, October 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%2C%20Benjamin; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1385394.

**Dong:2021:HAB**

[DLL21] Heping Dong, Jun Lai, and Peijun Li. A highly accurate boundary integral method for the elastic obstacle scattering problem. *Mathematics of Computation*, 90 (332):2785–2814, October 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%2C%20Heping; https://www.ams.org/mathscinet/search/authors.html?authorName=Lai%2C%20Jun; https://www.ams.org/mathscinet/search/authors.html?mrauthid=682916.

**Delecroix:2020:ALM**

[DMM20] Vincent Delecroix, Carlos Matheus, and Carlos Gustavo Moreira. Approximations of the Lagrange and Markov spectra. *Mathematics of Computation*, 89(325): 2521–2536, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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**

[DMM24] 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, April 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, January 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?mrauthid=1305522; https://www.ams.org/mathscinet/search/authors.html?mrauthid=829575.

**Doerr:2022:SDB**

[Doe22] Benjamin Doerr. A sharp discrepancy bound for jittered sampling. *Mathematics of Computation*, 91 (336):1871–1892, October 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, January 2023. CODEN 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=Opocenska%2C%20Daniela; https://www.ams.org/mathscinet/search/authors.html?authorName=Pelantova%2C%20Edita.

[DPRT24]

**Duran:2020:SSP**

[DOS20] 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, October 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.

[DS20a]

**Dummigan:2024:QFP**

[DS20b] N. Dummigan, A. Pacetti, G. Rama, and G. Tornaría. Quinary forms and paramodular forms. *Mathematics of Computation*, 93(348):1805–1858, October 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.

**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, October 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/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.

**Duarte:2020:ITP**

Eliana Duarte and Alexandra Seceleanu. Implicitization of tensor product surfaces via virtual projective resolutions. *Mathematics of Computation*, 89(326): 3023–3056, April 2020. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03548-0; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03548-0/S0025-5718-2020-03548-0.pdf.

**Du:2021:NDH**

[DS21] Shukai Du and Francisco-Javier Sayas. A note on devising HDG+ projections on polyhedral elements. *Mathematics of Computation*, 90(327):65–79, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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**

[dSKJV23] 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, January 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL 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=Krejic%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.

**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, July 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.

**Diening:2023:ION**

[DST23] Lars Diening, Johannes Storn, and Tabea Tscherpel. Interpolation operator on negative Sobolev spaces. *Mathematics of Computation*, 92(342): 1511–1541, April 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL https://www.ams.org/journals/mcom/2023-92-342/S0025-5718-2023-03824-8.

**Dahmen:2022:ACD**

[DSW22] Wolfgang Dahmen, Rob Stevenson, and Jan Westerdiep. Accuracy controlled data assimilation for parabolic problems. *Mathematics of Computation*, 91 (334):557–595, April 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**

[Dua21] Lian Duan. Faltings–Serre method on three dimensional self-dual representations. *Mathematics of Computation*, 90(328): 931–951, October 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.

**Elliott:2020:SOS**

[EH20] 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, April 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.

**Ernvall-Hytonen:2022:EBN**

[EHP22] Anne-Maria Ernvall-Hytönen and Neea Palojärvi. Explicit bound for the number of primes in arithmetic progressions assuming the Generalized Riemann Hypothesis. *Mathematics of Computation*, 91 (335):1317–1365, July 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.

**Elder:2024:HPA**

[ELM+24] 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, April 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.

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03647-9; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03647-9/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**

[ERS21] S. Ettahri, O. Ramaré, and L. Surel. Fast multi-precision computation of some Euler products. *Mathematics of Computation*, 90(331):2247–2265, July 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%20O.; https://www.ams.org/mathscinet/search/authors.html?authorName=Surel%2C%20L.

.

**Ern:2020:SBP**

[EV20] Alexandre Ern and Martin Vohralík. Stable broken $H^1$ and $H(\mathrm{div})$ polynomial extensions for polynomial-degree-robust potential and flux reconstruction in three space dimensions. *Mathematics of Computation*, 89(322): 551–594, April 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**

[Fei22] Michael Feischl. Inf-sup stability implies quasi-orthogonality. *Mathematics of Computation*, 91 (337):2059–2094, January 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**

[FGN20] Guosheng Fu, Johnny Guzmán, and Michael Neilan. Exact smooth piecewise polynomial sequences on Alfeld splits. *Mathematics of Computation*, 89(323): 1059–1091, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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.

**Friedman:2021:MFA**

[FJRR21] 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, October 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/S0025-5718-2020-03582-0.pdf.

**Fruhbis-Kruger:2021:EDA**

[FKRS21] Anne Frühbis-Krüger, Lukas Ristau, and Bernd Schober. Embedded desingularization for arithmetic surfaces — toward a parallel implementation. *Mathematics of Computation*, 90(330): 1957–1997, April 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/S0025-5718-2021-03624-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Fruhbis-Kruger%2C%20Anne; https://www.ams.org/mathscinet/search/authors.html?authorName=Ristau%2C%20Lukas; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1218416.

**Flammang:2020:ASS**

[Fla20] V. Flammang. An analog to the Schur–Siegel–Smyth trace problem. *Mathematics of Computation*, 89(325):2387–2398, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03518-2; 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.

**Flammang:2021:UBU**

[Fla21] 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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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 Lukácová-Medvid'ová, Simon Schneider, and Bangwei She. Approximating viscosity solutions of the Euler system. *Mathematics of Computation*, 91(337): 2129–2164, January 2022. CODEN MCMPAF. ISSN 0025-5718 (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, October 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/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**

[FMP21] 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, April 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**

[FMS24] 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, October 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, October 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%2C%20Nicola%20R.; https://www.ams.org/mathscinet/search/authors.html?mrauthid=690612; https://www.ams.org/mathscinet/search/authors.html?mrauthid=948813.

**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, April 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). 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%20Orozco%2C%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**

[FP20] 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, April 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**

[FP22] Colin Faverjon and Marina Poulet. An algorithm to recognize regular singular Mahler systems. *Mathematics of Computation*, 91 (338):2905–2928, April 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.

**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.

**Frengley:2023:CEC**

[Fre23] Sam Frengley. Congruences of elliptic curves arising from nonsurjective mod $N$ Galois representations. *Mathematics of Computation*, 92(339):409–450, July 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.

**Fiori:2020:ALC**

[FS20] Andrew Fiori and Andrew Shallue. 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/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, October 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.

**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, April 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.

**Fu:2024:DQP**

[FS24] 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.

**Fuhrer:2022:MDN**

[Füh22] 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.

**Friedland:2020:SNS**

[FW20] Shmuel Friedland and Li Wang. Spectral norm of a symmetric tensor and its computation. *Mathematics of Computation*, 89(325): 2175–2215, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https:

//www.ams.org/journals/mcom/2020-89-325/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.

**Falk:2023:CPP**

[FW23] Richard S. Falk and Ragnar Winther. Construction of polynomial preserving cochain extensions by blending. *Mathematics of Computation*, 92(342): 1575–1594, April 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**

[GAHW21] Peter Giesl, Carlos Argáez, Sigurdur Hafstein, and Holger Wendland. Minimization with differential inequality constraints applied to complete Lyapunov functions. *Mathematics of Computation*, 90 (331):2137–2160, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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**

[Gal23] Dietmar Gallistl. Mixed methods and lower eigenvalue bounds. *Mathematics of Computation*, 92 (342):1491–1509, April 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, January 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. Com-

puting equilibrium measures with power law kernels. *Mathematics of Computation*, 91(337): 2247–2281, January 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://www.ams.org/mathscinet/search/authors.html?mrauthid=1384319; https://www.ams.org/mathscinet/search/authors.html?mrauthid=783322.

**Grasegger:2024:CCM**

[GEL24] 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/S0025-5718-2023-03886-8.

**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, July 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 Ovall. 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/S0025-5718-2019-03483-X.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, July 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, October 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2022-91-336/S0025-5718-2022-03729-7; 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%2C%20Nuutti; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1077217.

**Gortz:2024:ISS**

[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.

**Gantner:2021:ROA**

[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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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**

[GHS23] 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, April 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**

[GI23] Jing Gao and Arieh Iserles. On an extended Filon method

for highly oscillatory integrals over a simplex. *Mathematics of Computation*, 92(340): 867–893, October 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%2C%20Jing; https://www.ams.org/mathscinet/search/authors.html?mrauthid=91725.

**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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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.

**Granger:2021:CBB**

[GKL+21] 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, October 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.

**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, October 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/journals/mcom/2022-91-336/S0025-5718-2022-03718-2/S0025-5718-2022-03718-2.pdf; 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, October 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.

**Guglielmi:2020:NIL**

[GLFN20] Nicola Guglielmi, María López-Fernández, and Giancarlo Nino. Numerical inverse Laplace transform for convection-diffusion equations. *Mathematics of Computation*, 89(323):1161–1191, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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%2C%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, April 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.

**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, April 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.

**Gkanis:2021:NCE**

[GM21] 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, April 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.

**Gautschi:2024:RID**

[GM24] Walter Gautschi and Gradimir V. Milovanović. A Ramanujan integral and its derivatives: computation and analysis. *Mathematics of Computation*, 93(347): 1297–1308, July 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.

**Grote:2021:SLB**

[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, October 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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=360720.

**Goedgebeur:2020:GFH**

[GMZ20] Jan Goedgebeur, Barbara Meersman, and Carol T. Zamfirescu. Graphs with few Hamiltonian cycles. *Mathematics of Computation*, 89(322):965–991, April 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.

**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/S0025-5718-2019-03459-2; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03459-2/S0025-5718-2019-03459-2.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Oswald%2C%20Peter; https://www.ams.org/mathscinet/search/authors.html?mrauthid=270664.

**Gosse:2020:ATD**

[Gos20] 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**

[GP24] 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.

**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, October 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. 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**

[GS22] 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, April 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**

[GS23] Jay Gopalakrishnan and Zheng Sun. Stability of structure-aware Taylor methods for tents. *Mathematics of Computation*, 92(341): 1061–1086, January 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/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=661361.

**Gong:2022:FEH**

[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, April 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.

**Guralnick:2023:IGA**

[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, January 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.

**Greaves:2023:ELE**

[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, April 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.

**Gallistl:2023:CRF**

[GT23] 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, April 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.

**Hanot:2023:AOF**

[Han23] Marien-Lorenzo Hanot. An arbitrary-order fully discrete Stokes complex on general polyhedral meshes. *Mathematics of Computation*, 92(343): 1977–2023, July 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.

**Harvey:2021:EOF**

[Har21] David Harvey. An exponent one-fifth algorithm for deterministic integer factorisation. *Mathematics of Computation*, 90(332): 2937–2950, October 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.

**Harvey:2024:FTI**

[Har24] David Harvey. Faster truncated integer multiplication. *Mathematics of Computation*, 93(347): 1265–1296, July 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.

**Hubert:2022:AFI**

[HB22] Evelyne Hubert and Erick Rodriguez Bazan. Algorithms for fundamental invariants and equivariants of finite groups. *Mathematics of Computation*, 91 (337):2459–2488, January 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**

[Hel20] 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.

**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, July 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?mrauthid=1220564; https://www.ams.org/mathscinet/search/authors.html?mrauthid=734771.

**Hasegawa:2020:RPN**

[HHY20] Sumito Hasegawa, Akinari Hoshi, and Aiichi Yamasaki. Rationality problem for norm one tori in small dimensions. *Mathematics of Computation*, 89(322): 923–940, April 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. [HJ20]

**Han:2023:ADF**

[HHZ23] 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, October 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.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; 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, April 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; 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**

Tommy Hofmann and Henri Johnston. Computing isomorphisms between lattices. *Mathematics of Computation*, 89(326): 2931–2963, April 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/S0025-5718-2020-03543-1; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03543-1/S0025-5718-2020-03543-1.pdf. [HJ21]

**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, October 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**

[HJ24] 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**

[HJLW20] 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, October 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/S0025-5718-2020-03507-8; 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**

[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, April 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?mrauthid=1203148; https://www.ams.org/mathscinet/search/authors.html?mrauthid=615840; https://www.ams.org/mathscinet/search/authors.html?mrauthid=968435.

**Hou:2023:LSO**

[HJQ23] 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, October 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:2023:NPF**

[HKLP23] Qingguo Hong, Johannes Kraus, Maria Lymbery, and Fadi Philo. A new practical framework for the stability analysis of perturbed saddle-point problems and applications. *Mathemat-*

*ics of Computation*, 92(340): 607–634, October 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/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.

**Herrmann:2021:QMC**

[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, April 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**

[HKY22] Akinari Hoshi, Kazuki Kanai, and Aiichi Yamasaki. Norm one Tori and Hasse norm principle. *Mathematics of Computation*, 91(337): 2431–2458, January 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**

[HL21] Jun Hu and Yizhou Liang. Conforming discrete Gradgrad-complexes in three dimensions. *Mathematics of Computation*, 90 (330):1637–1662, April 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.

**Herbin:2021:CWC**

[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, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/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..

**Herzog:2023:MPT**

[HLR23] Roland Herzog and Estefanía Loayza-Romero. A manifold of planar triangular meshes with complete Riemannian metric. *Mathematics of Computation*, 92 (339):1–50, July 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.

**Hauenstein:2021:NTM**

[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, July 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.

**Herbin:2021:LMN**

[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, January 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, July 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**

[HLZ23] 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, July 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.

[HLZZ21] 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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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.

**Hao:2021:SEE**

**Hu:2022:AEE**

[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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714525.

**He:2023:RTR**

[HMXY23] 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, April 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.

**Haberstich:2022:BOW**

[HNP22] Cécile Haberstich, Anthony Nouy, and Guillaume Perrin. Boosted optimal weighted least-squares. *Mathematics of Computation*, 91 (335):1281–1315, July 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**

[HP21] Jan S. Hesthaven and Cecilia Pagliantini. Structure-preserving reduced basis methods for Poisson systems. *Mathematics of Computation*, 90(330):1701–1740, April 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**

[HP23] Moritz Hauck and Daniel Peterseim. Super-localization of elliptic multiscale problems. *Mathematics of Computation*, 92(341): 981–1003, January 2023. CODEN MCMPAF. ISSN 0025-5718 (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. Adap-

tive symplectic model order reduction of parametric particle-based Vlasov–Poisson equation. *Mathematics of Computation*, 93 (347):1153–1202, July 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.

**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, October 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.

**Hough:2021:SAS**

[HS21a] Robert Hough and Hyojeong Son. The spectrum of the abelian sandpile model. *Mathematics of Computation*, 90 (327):441–469, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03565-0; https://www.ams.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, October 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/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, October 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.

**Hanselman:2021:GCG**

[HSS21] Jeroen Hanselman, Sam Schiavone, and Jeroen Sijsling. Gluing curves of genus 1 and 2 along their 2-torsion. *Mathematics of Computation*, 90(331): 2333–2379, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03627-3; 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/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 $U_n - b^m = c$. *Mathematics of Computation*, 92(344): 2825–2859, October 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/S0025-5718-2019-03444-0.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=787036.

**Hulpke:2022:PGO**

[Hul22] Alexander Hulpke. The perfect groups of order up to two million. *Mathematics of Computation*, 91

(334):1007–1017, April 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/S0025-5718-2021-03684-4.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=600556.

**Heid:2020:AIL**

[HW20] Pascal Heid and Thomas P. Wihler. Adaptive iterative linearization Galerkin methods for nonlinear problems. *Mathematics of Computation*, 89(326): 2707–2734, April 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/S0025-5718-2020-03545-5; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03545-5/S0025-5718-2020-03545-5.pdf.

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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.

**Henning:2022:STI**

[HW22] Patrick Henning and Johan Wärnegård. Superconvergence of time invariants for the Gross–Pitaevskii equation. *Mathematics of Computation*, 91(334): 509–555, April 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=Warnegard%2C%20Johan; https://www.ams.org/mathscinet/search/authors.html?mrauthid=881716.

**Huang:2024:USS**

[HX24] Meng Huang and Zhiqiang Xu. Uniqueness and stability for the solution of a nonlinear least squares problem. *Mathematics of Computation*, 93(347): 1247–1264, July 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.

**He:2024:CAH**

[HXDM24] Songnian He, Hong-Kun Xu, Qiao-Li Dong, and Na Mei. Convergence analysis of the Halpern iteration with adaptive anchoring parameters. *Mathemat-*

*ics of Computation*, 93(345): 327–345, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03851-0.

**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, January 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, October 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**

[JCWH21] 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, January 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; 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**

[JKK21] 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, October 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/S0025-5718-2020-03576-5; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03576-5/S0025-5718-2020-03576-5.pdf.

**Jayawardana:2023:SSI**

[JO23] Buddhika Jayawardana and Tomoki Ohsawa. Semiexplicit symplectic integrators for non-separable Hamiltonian systems. *Mathematics of Computation*, 92 (339):251–281, July 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%2C%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%2C%20Lejla; https://www.ams.org/mathscinet/search/authors.html?mrauthid=292611; https://www.ams.org/mathscinet/search/authors.html?mrauthid=742378.

**Jarso:2022:FCP**

[JT22] Tamiru Jarso and Tim Trudgian. Four consecutive primitive elements in a finite field. *Mathematics of Computation*, 91 (335):1521–1532, July 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.

**Jia:2024:SAS**

[JZCH24] 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, October 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.

**Kaya:2022:EVI**

[Kay22] Enis Kaya. Explicit Vologodsky integration for hyperelliptic curves. *Mathematics of Computation*, 91(337):2367–2396, January 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; https://www.ams.org/mathscinet/search/authors.html?authorName=Kaya%2C%20Enis.

**Kui:2021:CMA**

[KBL21] 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, July 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.

**Khan:2021:RPE**

[KBPS21] 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, October 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/S0025-5718-2020-03572-8.pdf.

**Kirk:2023:CWS**

[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, July 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.

**Kreuzer:2021:CCA**

[KG21] Christian Kreuzer and Emmanuil H. Georgoulis. Corrigendum to "Convergence of adaptive, discontinuous Galerkin methods". *Mathematics of Computation*, 90(328):637–640, October 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.

**Khomovsky:2020:USP**

[Kho20] Dmitry I. Khomovsky. On using symmetric polynomials for constructing root finding methods. *Mathematics of Computation*, 89 (325):2321–2331, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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:AEM**

[KHR23] 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, October 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=844849.

**Kirchner:2020:NMD**

[Kir20] Kristin Kirchner. Numerical methods for the deterministic second moment equation of parabolic stochastic PDEs. *Mathematics of Computation*, 89(326): 2801–2845, April 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/S0025-5718-2020-03524-8.pdf.

**Kashiwabara:2020:SAM**

[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, October 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/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.

**Kluners:2021:IMN**

[KK21] Jürgen Klüners and Toru Komatsu. Imaginary multiquadratic number fields with class group of exponent 3 and 5. *Mathematics of Computation*, 90(329): 1483–1497, January 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/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**

[KL23] Taehee Ko and Xiantao Li. Stochastic algorithms for self-consistent calculations of electronic structures. *Mathematics of Computation*, 92(342): 1693–1728, April 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.

**Kharlampovich:2020:DPS**

[KLM20] Olga Kharlampovich, Laura López, and Alexei Myasnikov. The Diophantine problem in some metabelian groups. *Mathematics of Computation*, 89(325): 2507–2519, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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=191704; https://www.ams.org/mathscinet/search/authors.html?mrauthid=670299.

**Kuo:2021:FIR**

[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, April 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; 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.

**Kim:2023:BSD**

[KMwaabAVS23] 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, July 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.

**Kirschmer:2022:SIC**

[KNRR22] 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/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%2C%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, April 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; 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, January 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/S0025-5718-2021-03607-8.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Katthan%2C%20Lukas; https://www.ams.org/mathscinet/search/authors.html?authorName=Naumann%2C%20Helen; https://www.ams.org/mathscinet/search/authors.html?authorName=Theobald%2C%20Thorsten.

[Kop21]

**Kopteva:2021:EAL**

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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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.

[KOG21]

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03659-5; https://www.ams.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.

[KPW21]

**Kritzer:2021:QMC**

P. Kritzer, F. Pillichshammer, and G. W. Wasilkowski. On quasi-Monte Carlo methods in weighted ANOVA spaces. *Mathematics of Computation*, 90(329): 1381–1406, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03598-X; https://www.ams.org/journals/mcom/2021-90-329/S0025-5718-2021-03598-X/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.%20W..

**Kolpakov:2020:STR**

[KR20] Alexander Kolpakov and Sinai Robins. Spherical tetrahedra with rational volume, and spherical Pythagorean triples. *Mathematics of Computation*, 89(324): 2031–2046, October 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.

**Kaltenbacher:2022:IPN**

[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.

**Kopp:2020:RPT**

[KRRZ20] 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**

[KS20] 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**

[KZ22] 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, July 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, October 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2023-92-344/S0025-5718-2023-03874-1.

**Laplagne:2020:FRE**

[Lap20] Santiago Laplagne. Facial reduction for exact polynomial sum of squares decomposition. *Mathematics of Computation*, 89 (322):859–877, April 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.

**Lavenant:2021:UCD**

[Lav21] Hugo Lavenant. Unconditional convergence for discretizations of dynamical optimal transport. *Mathematics of Computation*, 90(328):739–786, October 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**

[LC22] Chao Li and Xiaojun Chen. Isotropic non-Lipschitz regularization for sparse representations of random fields on the sphere. *Mathematics of Computation*, 91(333):219–

243, January 2022. CODEN MCMPAF. 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/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?mrauthid=196364.

**Liu:2020:GCP**

[LD20] 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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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.

**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, January 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/S0025-5718-2021-03579-6.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Leykin%2C%20Anton; https://www.ams.org/mathscinet/search/authors.html?authorName=Martin%20del%20Campo%2C%20Abraham; https://www.ams.org/mathscinet/search/authors.html?authorName=Sottile%2C%20Frank; https://www.ams.org/mathscinet/search/authors.html?authorName=Vakil%2C%20Ravi; https://www.ams.org/mathscinet/search/authors.html?authorName=Verschelde%2C%20Jan.

**Liu:2023:NAL**

[LDHS23] 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, January 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%2C%20Ya-Kui; https://www.ams.org/mathscinet/search/authors.

html?authorName=Sun%2C%20Jie; https://www.ams.org/mathscinet/search/authors.html?mrauthid=620453; https://www.ams.org/mathscinet/search/authors.html?mrauthid=667307.

**Leykekhman:2021:PEE**

[Ley21] D. Leykekhman. Pointwise error estimates for $C^0$ interior penalty approximation of biharmonic problems. *Mathematics of Computation*, 90 (327):41–63, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03596-0; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03596-0/S0025-5718-2020-03596-0.pdf.

**Li:2021:QOA**

[Li21] Yuwen Li. Quasi-optimal adaptive mixed finite element methods for controlling natural norm errors. *Mathematics of Computation*, 90(328): 565–593, October 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.

**Li:2022:MNS**

[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, October 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.

**Li:2022:WLT**

[Li22b] Dong Li. Why large time-stepping methods for the Cahn–Hilliard equation is stable. *Mathematics of Computation*, 91(338): 2501–2515, April 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.

**Li:2020:LTB**

[LL20] 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, January 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/S0025-5718-2020-03516-9; 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://www.ams.org/mathscinet/search/authors.html?mrauthid=233036.

**Leykekhman:2021:WDM**

[LL21] Dmitriy Leykekhman and Buyang Li. Weak discrete maximum principle of finite element methods in convex polyhedra. *Mathematics of Computation*, 90 (327):1–18, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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.

**Liao:2021:AAB**

[lLZ21] Hong lin Liao and Zhimin Zhang. Analysis of adaptive BDF2 scheme for diffusion equations. *Mathematics of Computation*, 90 (329):1207–1226, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/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%20Hong-lin; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Zhimin.

**Li:2023:IER**

[LLZ23] 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, July 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/S0025-5718-2022-03766-2.pdf; 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=Zhang%2C%20Zhimin.

**Lu:2022:SGD**

[LM22] Shuai Lu and Peter Mathé. Stochastic gradient descent for linear inverse problems in Hilbert spaces. *Mathematics of Computation*, 91(336):1763–1788, October 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/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.

**Le:2020:CSS**

[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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03488-9; 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:2021:SCA**

[LMY21] Xiaoyue Li, Xuerong Mao, and Hongfu Yang. Strong convergence and asymptotic stability of explicit numerical schemes for nonlinear stochastic differential equations. *Mathematics of Computation*, 90(332): 2827–2872, October 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/S0025-5718-2021-03661-3; 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.

**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.

**Lampio:2020:OGB**

[LÖS20] Pekka H. J. Lampio, Patric R. J. Östergård, and Ferenc Szöllősi. Orderly generation of Butson Hadamard matrices. *Mathematics of Computation*, 89(321): 313–331, January 2020. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/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.

**Lopez:2021:UCE**

[LPP21] José L. López, Pablo Palacios, and Pedro J. Pagola. Uniform convergent expansions of integral transforms. *Mathematics of Computation*, 90(329): 1357–1380, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/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; 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.

**Li:2022:SCA**

[LQT22] 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, April 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**

[LQW21] 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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/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, Yupei 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 (electronic). URL https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03876-5.

**Languasco:2021:FAC**

[LR21] 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, October 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.

**Li:2023:RCS**

[LRR23] Weilin Li, Kui Ren, and Donsub Rim. A range characterization of the single-quadrant ADRT. *Mathematics of Computation*, 92 (339):283–306, July 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**

[LRY20] Hailiang Liu, James Ralston, and Peimeng Yin. General superpositions of Gaussian beams and propagation errors. *Mathematics of Computation*, 89(322): 675–697, April 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**

[LS20a] Aude Le Gluher and Pierre-Jean Spaenlehauer. A fast randomized geometric algorithm for comput-

ing Riemann–Roch spaces. *Mathematics of Computation*, 89(325): 2399–2433, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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%2C%20Aude; https://www.ams.org/mathscinet/search/authors.html?mrauthid=916294.

**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, October 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/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.

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03588-1; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03588-1/S0025-5718-2020-03588-1.pdf.

**Lederer:2023:ENA**

[LS23] 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, October 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**

[LS24] Philip L. Lederer and Rolf Stenberg. Analysis of weakly symmetric mixed finite elements for elasticity. *Mathematics of Computation*, 93(346):523–550, April 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: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 Vilmart. 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.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Laurent%2C%20Adrien; https://www.ams.org/mathscinet/search/authors.html?mrauthid=798890.

**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, April 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.

**Larsen:2021:MSM**

[LwaabAL21] Michael Larsen and with an appendix by Anne Larsen. Multiplicative series, modular forms, and Mandelbrot polynomials. *Mathematics of Computation*, 90 (327):345–377, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03564-9; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03564-9/S0025-5718-2020-03564-9.pdf.

**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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03642-X; 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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=615795; https://www.ams.org/mathscinet/search/authors.html?mrauthid=652762.

**Liang:2022:TLP**

[LX22] 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, April 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.

**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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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, October 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, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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, April 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 isogenies between Jacobians of curves of genus 2 and 3. *Mathematics of Computation*, 89(323): 1331–1364, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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**

[MKL21] 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, January 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, October 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, July 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 Mattia Tani. Space–time least–squares isogeometric method and efficient solver for parabolic problems. *Mathematics of Computation*, 89(323):1193–1227, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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, October 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/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/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.

[MR23]

**Magnusson:2023:CGV**

[MR24] Tobias Magnusson and Martin Raum. On the computation of general vector-valued modular forms. *Mathematics of Computation*, 92(344): 2861–2891, October 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.

**Murru:2024:NAA**

Nadir Murru and Giuliano Romeo. A new algorithm for $p$-adic continued fractions. *Mathematics of Computation*, 93(347): 1309–1331, July 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**

[MS20a] Daniel Matthes and Benjamin Söllner. Discretization of flux-limited gradient flows: $\Gamma$-convergence and numerical schemes. *Mathematics of Computation*, 89 (323):1027–1057, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03492-0; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03492-0/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.

**Merai:2020:DSS**

[MS20b] 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, April 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=192194.

**Mercuri:2020:MFI**

[MS20c] Pietro Mercuri and René Schoof. Modular forms invariant under non-split Cartan subgroups. *Mathematics of Computation*, 89(324):1969–1991, October 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/S0025-5718-2020-03503-0; https://www.ams.org/journals/mcom/2020-89-324/S0025-5718-2020-03503-0/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.

**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, April 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2022-91-338/S0025-5718-2022-03755-8/S0025-5718-2022-03755-8.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1251608; https://www.ams.org/mathscinet/search/authors.html?mrauthid=661163.

**Merai:2024:DRM**

[MS24] László Mérai and Igor E. Shparlinski. Distribution of recursive matrix pseudorandom number generator modulo prime powers. *Mathematics of Computation*, 93(347):1355–1370, July 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.

**Monsuur:2024:MRM**

[MSS24] Harald Monsuur, Rob Stevenson, and Johannes Storn. Minimal residual methods in negative or fractional Sobolev norms. *Mathematics of Computation*, 93(347):1027–1052, July 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (elec-

tronic). URL https://www.ams.org/journals/mcom/2024-93-347/S0025-5718-2023-03904-7.

**Mans:2023:FGF**

[MSSS23] Bernard Mans, Min Sha, Igor E. Shparlinski, and Daniel Sutantyo. Functional graphs of families of quadratic polynomials. *Mathematics of Computation*, 92 (343):2307–2331, July 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.

**Murru:2020:FPA**

[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, April 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.

**Marques:2022:EEC**

[MT22] Diego Marques and Pavel Trojovský. Error estimates for a class of continuous Bonse-type inequalities. *Mathematics of Computation*, 91(337):2335–2345, January 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=Trojovsky%2C%20Pavel; https://www.ams.org/mathscinet/search/authors.html?mrauthid=870578.

**Maier:2022:MSN**

[MV22] Roland Maier and Barbara Verfürth. Multiscale scattering in nonlinear Kerr-type media. *Mathematics of Computation*, 91(336): 1655–1685, October 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.

**Mitra:2024:PEE**

[MV24] K. Mitra and M. Vohralík. A posteriori error estimates for the Richards equation. *Mathematics of Computation*, 93(347): 1053–1096, July 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.

**Mignotte:2024:KLF**

[MwaabML24] Maurice Mignotte and Paul Voutier ; with an appendix by Michel Laurent. A kit for linear forms in three logarithms. *Mathematics of Computation*, 93(348): 1903–1951, October 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.

**Ma:2021:OHM**

[MZ21] Jiming Ma and Fangting Zheng. Orientable hyperbolic 4-manifolds over the 120-cell. *Mathematics of Computation*, 90(331): 2463–2501, July 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; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03625-X/S0025-5718-2021-03625-X.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.

**Nakatsukasa:2020:SEB**

[Nak20] Yuji Nakatsukasa. Sharp error bounds for Ritz vectors and approximate singular vectors. *Mathematics of Computation*, 89(324): 1843–1866, October 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/S0025-5718-2020-03519-4; 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?mrauthid=887438.

**Nick:2024:NAE**

[Nic24] Jörg Nick. Numerical analysis for electromagnetic scattering with nonlinear boundary conditions. *Mathematics of Computation*, 93 (348):1529–1568, October 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.

**Najman:2024:GMC**

[NO24] Filip Najman and Petar Orlić. Gonality of the modular curve $X_0(N)$. *Mathematics of Computation*, 93(346):863–886, April 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.

**Notay:2020:ATG**

[Not20] Yvan Notay. Analysis of two-grid methods: The nonnormal case. *Mathematics of Computation*, 89(322):807–827, April 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/S0025-5718-2019-03460-9.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=266926.

**Notaris:2022:AGQ**

[Not22] Sotirios E. Notaris. Anti-Gaussian quadrature formulae of Chebyshev type. *Mathematics of Computation*, 91(338): 2803–2816, April 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..

**Nuyens:2023:SLR**

[NS23] 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, July 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**

[NV23] Filip Najman and Borna Vukorepa. Quadratic points on bielliptic modular curves. *Mathematics of Computation*, 92(342): 1791–1816, April 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**

[OR23] Jeffrey S. Ovall and Robyn Reid. An algorithm for identifying eigenvectors exhibiting strong spatial localization. *Mathematics of Computation*, 92(341): 1005–1031, January 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:2021:ISS**

[ORZ21] 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, April 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**

[OS21] Andrew Obus and Tanush Shaska. Superelliptic curves with many automorphisms and CM Jacobians. *Mathematics of Computation*, 90(332):2951–2975, October 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/mathscinet/search/authors.html?mrauthid=678224; https://www.ams.org/mathscinet/search/authors.html?mrauthid=890287.

**Osting:2020:DGM**

[OW20] Braxton Osting and Dong Wang. A diffusion generated method for orthogonal matrix-valued fields. *Mathematics of Computation*, 89 (322):515–550, April 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.

**Olver:2020:OPQ**

[OX20] Sheehan Olver and Yuan Xu. Orthogonal polynomials in and on a quadratic surface of revolution. *Mathematics of Computation*, 89 (326):2847–2865, April 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.

[PP20]

**Pagani:2022:GCR**

[Pag22] Lorenzo Pagani. Greenberg's conjecture for real quadratic fields and the cyclotomic $\mathbb{Z}_2$-extensions. *Mathematics of Computation*, 91 (335):1437–1467, July 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.

[PS21]

**Pan:2023:SPA**

[PO23] 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, October 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.

[PSY20]

**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, April 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; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03553-4/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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03634-0; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03634-0/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.

**Poor:2020:FAB**

Cris Poor, Jerry Shurman, and David S. Yuen. Finding all Borcherds product paramodular cusp forms of a given

weight and level. *Mathematics of Computation*, 89(325): 2435–2480, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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, October 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/S0025-5718-2020-03583-2; https://www.ams.org/journals/mcom/2021-90-328/S0025-5718-2020-03583-2/S0025-5718-2020-03583-2.pdf.

**Pacetti:2022:CHC**

[PT22] Ariel Pacetti and Lucas Villagra Torcomian. $\mathbb{Q}$-curves, Hecke characters and some Diophantine equations. *Mathematics of Computation*, 91(338): 2817–2865, April 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%2C%20Lucas; https://www.ams.org/mathscinet/search/authors.html?mrauthid=759256.

**Pulaj:2020:CPF**

[Pul20] Jonad Pulaj. Cutting planes for families implying Frankl's conjecture. *Mathematics of Computation*, 89(322):829–857, April 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, April 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, October 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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1183327; https://www.ams.org/mathscinet/search/authors.html?mrauthid=637398.

**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, April 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**

[QH22] Oscar E. Quesada-Herrera. On the $q$-analogue of the Pair Correlation Conjecture via Fourier optimization. *Mathematics of Computation*, 91(337):2347–2365, January 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..

**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, April 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, October 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, October 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/journals/mcom/2022-91-336/S0025-5718-2022-03728-5/S0025-5718-2022-03728-5.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=147305.

**Rickards:2022:ICF**

[Ric22] James Rickards. Improved computation of fundamental domains for arithmetic Fuchsian groups. *Mathematics of Computation*, 91 (338):2929–2954, April 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:GGK**

[Rie23] Janosch Rieger. Generalized Gearhart–Koshy acceleration for the Kaczmarz method. *Mathematics of Computation*, 92(341): 1251–1272, January 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.

**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, April 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/S0025-5718-2020-03535-2.pdf.

**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, January 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; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1169147.

**Rutka:2023:EEP**

[RS23] Przemysław Rutka and Ryszard Smarzewski. The electrostatic equilibrium problem for classical discrete orthogonal polynomials. *Mathematics of Computation*, 92 (341):1331–1348, January 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**

[RS24] 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**

[RSM22] 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, January 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.

**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, October 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.

**Rud:2022:ETN**

[Rüd22] Thomas Rüd. Explicit Tamagawa numbers for certain algebraic tori over number fields. *Mathematics of Computation*, 91 (338):2867–2904, April 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.

**Saouter:2022:NRW**

[Sao22] Yannick Saouter. New results for witnesses of Robin's criterion. *Mathematics of Computation*, 91 (334):909–920, April 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.

**Sgobba:2023:DCO**

[Sgo23] Pietro Sgobba. Divisibility conditions on the order of the reductions of algebraic numbers. *Mathematics of Computation*, 92 (343):2281–2305, July 2023. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2023-92-343/S0025-5718-2023-03848-0.

**Sheng:2021:UCU**

[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, October 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.

**Sablica:2022:BKF**

[SH22] Lukas Sablica and Kurt Hornik. On bounds for Kummer's function ratio. *Mathematics of Computation*, 91(334):887–907, April 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%2C%20Lukas; https://www.ams.org/mathscinet/search/authors.html?mrauthid=265899.

**Saito:2020:MAC**

[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.

**Sui:2024:NCP**

[SJ24] Jiaming Sui and Junxiong Jia. Non-centered parametric variational Bayes' approach for hierarchical inverse problems of partial differential equations. *Mathematics of Computation*, 93(348): 1715–1760, October 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.

**Sheng:2023:JTA**

[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, July 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.

**Soga:2020:SVA**

[Sog20] Kohei Soga. Stochastic and variational approach to finite difference approximation of Hamilton–Jacobi equations. *Mathematics of Computation*, 89(323): 1135–1159, July 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/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.

**Sauter:2023:ISS**

[ST23] Stefan Sauter and Céline Torres. On the inf-sup stability of Crouzeix–Raviart Stokes elements in 3D. *Mathematics of Computation*, 92(341): 1033–1059, January 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**

[Ste21] Stefan Steinerberger. A weighted randomized Kaczmarz method for solving linear systems. *Mathe-*

*matics of Computation*, 90(332): 2815–2826, October 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/S0025-5718-2021-03644-3; 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.

**Sun:2021:LGP**

[Sun21] Wenchang Sun. Local and global phaseless sampling in real spline spaces. *Mathematics of Computation*, 90(330): 1899–1929, April 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.

**Stevenson:2020:UPP**

[SvV20] Rob Stevenson and Raymond van Venetië. Uniform preconditioners for problems of negative order. *Mathematics of Computation*, 89(322):645–674, April 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**

[SW20] Jonathan P. Sorenson and Jonathan Webster. Two algorithms to find primes in patterns. *Mathematics of Computation*, 89(324): 1953–1968, October 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.

**Sun:2021:NAG**

[SW21] 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, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https:

//www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03561-3; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03561-3/S0025-5718-2020-03561-3.pdf.

**Schratz:2021:LRI**

[SWZ21a] Katharina Schratz, Yan Wang, and Xiaofei Zhao. Low-regularity integrators for nonlinear Dirac equations. *Mathematics of Computation*, 90 (327):189–214, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03557-1; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03557-1/S0025-5718-2020-03557-1.pdf.

**Sun:2021:PCR**

[SWZ21b] Xingping Sun, Zongmin Wu, and Xuan Zhou. On probabilistic convergence rates of stochastic Bernstein polynomials. *Mathematics of Computation*, 90(328): 813–830, October 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/S0025-5718-2020-03589-3.pdf.

**Sun:2021:OEE**

[SX21] 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, April 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/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.

**Steininger:2023:AAR**

[SY23] Jakob Steininger and Sergey Yurkevich. An algorithmic approach to Rupert's problem. *Mathematics of Computation*, 92 (342):1905–1929, April 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.

**Tao:2020:ULD**

[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, April 2020. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/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.

**vanBommel:2020:EAI**

[vBHM20] 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**

[vLW23] Ronald van Luijk and Rosa Winter. Concurrent lines on del Pezzo surfaces of degree one. *Mathematics of Computation*, 92 (339):451–481, July 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.

**Walsh:1999:TCS**

[Wal99] 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].

**Walsh:2021:CTC**

[Wal21] P. G. Walsh. Corrigendum to "On two classes of simultaneous Pell equations with no solutions". *Mathematics of Computation*, 90 (331):2503–2505, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03677-7; https://www.ams.org/journals/mcom/2021-90-331/S0025-5718-2021-03677-7/S0025-5718-2021-03677-7.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=230332. See [Wal99].

**Wang:2020:DPS**

[WDM20] Dongming Wang, Rina Dong, and Chenqi Mou. Decomposition of polynomial sets into characteristic pairs. *Mathematics of Computation*, 89(324): 1993–2015, October 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.

**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, April 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.

**Wang:2021:NSS**

[WLL21] 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, January 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-329/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.

**Wang:2023:USL**

[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, October 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.

**Wright:2020:ARP**

[WpL20] Stephen J. Wright and Ching pei Lee. Analyzing random permutations for cyclic coordinate descent. *Mathematics*

*of Computation*, 89(325):2217–2248, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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.

**Wu:2024:GQR**

[WW24] Menghan Wu and Haiyong Wang. Gaussian quadrature rules for composite highly oscillatory integrals. *Mathematics of Computation*, 93(346):729–746, April 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**

[WWW21] Cong Wang, Jie Wu, and Qiang Wu. Totally positive algebraic integers with small trace. *Mathematics of Computation*, 90(331):2317–2332, July 2021. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-331/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?authorName=Wu%2C%20Jie; https://www.ams.org/mathscinet/search/authors.html?authorName=Wu%2C%20Qiang.

**Wang:2022:FSA**

[WX22] Yinkun Wang and Shuhuang Xiang. Fast and stable augmented Levin methods for highly oscillatory and singular integrals. *Mathematics of Computation*, 91(336):1893–1923, October 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.

**Wang:2022:DDE**

[WY22a] 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, April 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=883098.

[WZ22]

**Wu:2022:FOF**

[WY22b] 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, July 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.

[WZSP21]

**Wang:2023:PDP**

[WY23] 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, January 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.

**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, January 2022. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). 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.

**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, April 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**

[WZZ22] 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, April 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.

**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, April 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**

[XKLL24] 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, April 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.

**Yang:2020:OCS**

[YCQ20] 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, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03527-3; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03527-3/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.

**Yu:2024:FPG**

[YLLO24] 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, April 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.

**Zhang:2021:NTA**

[ZC21] 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, July 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.

**Zahm:2022:CDR**

[ZCL+22] 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, October 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/journals/mcom/2022-91-336/S0025-5718-2022-03737-6/S0025-5718-2022-03737-6.pdf; 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.

**Zeng:2023:NIC**

[Zen23] Zhonggang Zeng. A Newton's iteration converges quadratically to nonisolated solutions too. *Mathematics of Computation*, 92(344): 2795–2824, October 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.

**Zhao:2022:SCE**

[Zha22] Weifeng Zhao. Strictly convex entropy and entropy stable schemes for reactive Euler equations. *Mathematics of Computation*, 91(334):735–760, April 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.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhao%2C%20Weifeng.

**Zimmermann:2021:GAS**

[Zim21] Ralf Zimmermann. A geometric approach to subspace updates and orthogonal matrix decompositions under rank-one modifications. *Mathematics of Computation*, 90(328): 671–688, October 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.

**Zhang:2020:BAT**

[ZL20] Qinghai Zhang and Zhixuan Li. Boolean algebra of two-dimensional continua with arbitrarily complex topology. *Mathematics of Computation*, 89(325): 2333–2364, January 2020. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/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%2C%20Zhixuan; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Qinghai.

**Zhao:2023:IPV**

[ZMZW23] 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, April 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**

[ZWZ20] 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, October 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%2C%20Jia; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Liwei; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhang%2C%20Ning.

**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, October 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.