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

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02 January 2024
Version 1.08

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]. $G(p^f)$ [LMP20]. Γ [MS20a]. $H(\mathrm{div})$ [EV20]. H^1 [EV20, HHZ23]. hp [CDG22]. k [MOT21]. L [AFPwaabAVS22, BMOR21, DMV23, LV22]. $L^\infty(L^2)$ [WY22a]. λ [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, CFEV22, LV22, LMP20, MR20, MT20, PS21, SiTiY20]. q [QH22]. qd [Hua20]. $\theta(x)$ [BKL+21]. $U_n - b^m = c$ [HTVZ23]. $X_0(N)$ [BKS23, NO24].

-action [ABG+24]. **-adic** [BCM21, LV22, MT20, SiTiY20]. **-algebras** [DMV23]. **-analogue** [QH22]. **-convergence** [MS20a]. **-Curves** [PT22]. **-extensions** [Pag22]. **-free** [MOT21]. **-functions** [BMOR21, 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**

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 Feis-

chl, 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/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.

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.

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. *Mathe-*

matics 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.

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. CO-

DEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-323/S0025-5718-2019-03495-6; 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 approximations of an elliptic problem with mixed boundary conditions. *Mathematics of Computation*, 93 (345):35–54, January 2024. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2024-93-345/S0025-5718-2023-03875-3.

Bochenski:2020:NSC

[BJT20] Maciej Bocheński, Piotr Jastrzebski, and Aleksy Tralle. Nonexistence of standard compact Clifford–Klein forms of homogeneous spaces of exceptional Lie groups. *Mathematics of Computation*, 89(323):

1487–1499, 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.

[BK23b]

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

[BK24] 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

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. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/journals/mcom/2024-93-346/S0025-5718-2023-03896-0.

Bohm:2020:CGF

[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.

Birgin:2023:SAT

[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.

Bueno:2024:IRM

[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.

Basaric:2023:EEF

[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.

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.

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.

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.

Barucq:2023:CAH

[BRT23] Hélène Barucq, Nathan Rouxelin, and Sébastien Tordeux. Construction and analysis of a HDG solution for the total-flux formulation of the convected Helmholtz equation. *Mathematics of Computation*, 92(343): 2097–2131, 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 λ-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.

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.

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.

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.

[CEFO20] **Curry:2020:MEP**

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

[CEHT23] **Craig:2023:BMI**

Katy Craig, Karthik Elamvazhuthi, Matt Haberland, and Olga Turanova. A blob method for inhomogeneous diffusion with applications to multi-agent control and sampling. *Mathematics of Computation*, 92(344): 2575–2654, 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 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03563-7; https://www.ams.org/journals/mcom/2021-90-327/S0025-5718-2020-03563-7/S0025-5718-2020-03563-7.pdf.

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.

[CH24] **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/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.

[CHEF24] **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.

[CHL22] **Chen:2024:FER**

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

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

Cully-Hugill:2022:EIE

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

Chen:2020:CAF

[CHW20] Long Chen, Xiaozhe Hu, and Steven M. Wise. Convergence analysis of the Fast Subspace Descent method for convex optimization problems. *Mathematics of Computation*, 89(325): 2249–2282, 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.

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.

Cheng:2023:SLD

[CJS23] 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

[CKNS21] 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

[CLT22] Philippe Chartier, Mohammed Lemou, and Léopold Trémant. A uniformly accurate numerical method for a class of dissipative systems. *Mathematics of Computation*, 91(334): 843–869, 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.

Colbrook:2020:POP

[Col20] Matthew J. Colbrook. Pseudoergodic 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.

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.

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.

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.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/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 complex 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 λ-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.

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.

Du:2020:NAT

[DS20a] 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

[DS20b] Eliana Duarte and Alexandra Seceleanu. Implicitization of tensor product surfaces via virtual

projective resolutions. *Mathematics of Computation*, 89(326): 3023–3056, 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/S0025-5718-2020-03548-0; 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 (electronic). 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.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.

[FJRR21]

Friedman:2021:MFA

Eduardo Friedman, Fredrik Johansson, and Gabriel Ramirez-Raposo. The minimal Fried average entropy for higher-rank Cartan actions. *Mathematics of Computation*, 90(328): 973–978, 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.

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. Computing 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.

Guglielmi:2020:NIL

[GLFN20] Nicola Guglielmi, María López-Fernández, and Giancarlo Nino. Numerical inverse Laplace trans-

form 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.

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.

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.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Hasegawa%2C%20Sumito; https://www.ams.org/mathscinet/search/authors.html?mrauthid=602892; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714371.

Han:2023:ADF

[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

[HJ20] 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.

Hare:2021:NLP

[HJ21] 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. *Mathematics 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. *Math-*

ematics 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.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.

.

[HLX22]

Hong:2022:EGA

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.

Hao:2021:SEE

[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 Lapla-

cian 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.

[HMXY23]

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.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=1261964; https://www.ams.org/mathscinet/search/authors.html?mrauthid=714525.

[HNP22]

He:2023:RTR

[HP21] 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

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

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.

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.

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. *Mathematics 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.

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/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.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.

Karvonen:2021:IRK

[KOG21] 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.

Kopteva:2021:EAL

[Kop21] Natalia Kopteva. Error analysis of an L2-type method on graded meshes for a fractional-order parabolic problem. *Mathematics of Computation*, 90 (327):19–40, 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.

Kritzer:2021:QMC

[KPW21] P. Kritzer, F. Pillichshammer, and G. W. Wasilkowski. On quasi-Monte Carlo methods in weighted ANOVA spaces. *Mathematics of Computation*, 90(329): 1381–1406, 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 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03516-9; https://www.ams.org/journals/mcom/2020-89-325/S0025-5718-2020-03516-9/S0025-5718-2020-03516-9.pdf; https://www.ams.org/mathscinet/search/authors.html?mrauthid=232398; https://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. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03453-1; https://www.ams.org/journals/mcom/2020-89-321/S0025-5718-2019-03453-1/S0025-5718-2019-03453-1.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Ostergard%

2C%20Patric%20R.%20J.; https://www.ams.org/mathscinet/search/authors.html?authorName=Szollosi%2C%20Ferenc; https://www.ams.org/mathscinet/search/authors.html?mrauthid=919188.

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 computing 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.

[LS23]

Lederer:2023:ENA

[LS24] 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

[LSL22] 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

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.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.

Magnusson:2023:CGV

[MR23] Tobias Magnusson and Martin Raum. On the computation of general vector-valued modular forms. *Mathematics of Computation*, 92(344): 2861–2891, 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.

Matthes:2020:DFL

[MS20a] Daniel Matthes and Benjamin Söllner. Discretization of flux-limited gradient flows: Γ-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.

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.

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.

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.

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.

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.

Pfeiler:2020:DMM

[PP20] 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

[PS21] 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

[PSY20] 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. CO-

DEN 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.

[QH22] **Quesada-Herrera:2022:APC**

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

[QT20] **Qiu:2020:NMA**

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.

[Reu22] **Reusken:2022:AFE**

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.

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. *Mathematics 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. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL https://www.ams.org/AMSMathViewer; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03562-5; https://www.ams.org/journals/mcom/2020-89-326/S0025-5718-2020-03562-5/S0025-5718-2020-03562-5.pdf.

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.

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.

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

[WZ22] 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

[WZSP21] 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.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

[XLL24] Xin Xing, Xiaoxu Li, and Lin Lin. Unified analysis of finite-size error for periodic Hartree–Fock and second order Møller–Plesset perturbation theory. *Mathematics of Computation*, 93(346): 679–727, 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.

[Zha22] **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.

[Zim21] **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.

[ZL20] **Zhao:2022:SCE**

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/S0025-5718-2022-03721-2.pdf; https://www.ams.org/mathscinet/search/authors.html?authorName=Zhao%2C%20Weifeng.

Zimmermann:2021:GAS

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

Qinghai Zhang and Zhixuan Li. Boolean algebra of two-dimensional continua with arbitrarily complex topology. *Math-*

ematics 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.