A Complete Bibliography of *ACM Transactions on Computation Theory (ToCT)*

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

Tel: +1 801 581 5254

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

04 October 2025
Version 1.40

Title word cross-reference

[Wat12, ST19]. **Write** [BH12].

XOR [RV15].

Yielding [PV12b].

Zero [AGM+25]. **ZPP** [Wat20b].

References

Applebaum:2020:PAS

[AA20] Benny Applebaum and Barak Arkis. On the power of amortization in secret sharing: d-uniform secret sharing and CDS with constant information rate. *ACM Transactions on Computation Theory*, 12(4):24:1–24:21, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3417756`.

Aydinlioglu:2018:ARU

[AB18] Baris Aydinlioglu and Eric Bach. Affine relativization: Unifying the algebrization and relativization barriers. *ACM Transactions on Computation Theory*, 10(1): 1:1–1:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Aydinlioglu:2019:CAR

[AB19] Baris Aydinlioglu and Eric Bach. Corrigendum to affine relativization: Unifying the algebrization and relativization barriers. *ACM Transactions on Computation Theory*, 11(3):16:1–16:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3317693`.

Ada:2014:HBP

[ACC+14] Anil Ada, Arkadev Chattopadhyay, Stephen A. Cook, Lila Fontes, Michal Koucký, and Toniann Pitassi. The hardness of being private. *ACM Transactions on Computation Theory*, 6 (1):1:1–1:??, March 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Arunachalam:2021:IBF

[ACK+21] Srinivasan Arunachalam, Sourav Chakraborty, Michal Koucký, Nitin Saurabh, and Ronald De Wolf. Improved bounds on Fourier entropy and min-entropy. *ACM Transactions on Computation Theory*, 13(4):22:1–22:40, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3470860`.

Arunachalam:2024:MHS

[AD24] Srinivasan Arunachalam and Joao F. Doriguello. Matrix hypercontractivity, streaming algorithms and LDCs: the large alphabet case. *ACM Transactions on Computation Theory*, 16(4): 21:1–21:38, December 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Arvind:2022:PCF

[AFK+22] Vikraman Arvind, Frank Fuhlbrueck, Johannes Koebler, Sebastian

Kuhnert, and Gaurav Rattan. The parameterized complexity of fixing number and vertex individualization in graphs. *ACM Transactions on Computation Theory*, 14(2):9:1–9:??, June 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3558077`.

Anderson:2018:ITL

[AFS^{+}18] Matthew Anderson, Michael A. Forbes, Ramprasad Saptharishi, Amir Shpilka, and Ben Lee Volk. Identity testing and lower bounds for read-k oblivious algebraic branching programs. *ACM Transactions on Computation Theory*, 10(1):3:1–3:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Allender:2013:ISI

[AG13] Eric Allender and Shafi Goldwasser. Introduction to the special issue on innovations in theoretical computer science 2012. *ACM Transactions on Computation Theory*, 5(3):8:1–8:??, August 2013. ISSN 1942-3454 (print), 1942-3462 (electronic). Special issue on innovations in theoretical computer science 2012.

Allender:2014:ISI

[AG14] Eric Allender and Shafi Goldwasser. Introduction to the special issue on innovations in theoretical computer science 2012 — Part II. *ACM Transactions on Computation Theory*, 6(3):10:1–10:??, July 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Allender:2025:RSB

[AGM^{+}25] Eric Allender, Jacob Gray, Saachi Mutreja, Harsha Tirumala, and Pengxiang Wang. Robustness for space-bounded statistical zero knowledge. *ACM Transactions on Computation Theory*, 17(1):3:1–3:25, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ambainis:2015:LBD

[AGSU15] Andris Ambainis, William Gasarch, Aravind Srinivasan, and Andrey Utis. Lower bounds on the deterministic and quantum communication complexity of Hamming-distance problems. *ACM Transactions on Computation Theory*, 7(3):10:1–10:??, July 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Austrin:2013:UP

[AH13] Per Austrin and Johan Håstad. On the usefulness of predicates. *ACM Transactions on Computation Theory*, 5(1):1:1–1:??, May 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Allender:2019:NIN

[AH19] Eric Allender and Shuichi Hirahara. New insights on the (non-)Hardness of circuit minimization and related problems.

ACM Transactions on Computation Theory, 11(4):27:1–27:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3349616`.

Ailon:2016:OLR

[Ail16] Nir Ailon. An $\Omega((n \log n)/R)$ lower bound for Fourier transform computation in the R-well conditioned model. *ACM Transactions on Computation Theory*, 8(1):4:1–4:??, February 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Awasthi:2014:LLF

[AJMR14] Pranjal Awasthi, Madhav Jha, Marco Molinaro, and Sofya Raskhodnikova. Limitations of local filters of Lipschitz and monotone functions. *ACM Transactions on Computation Theory*, 7(1):2:1–2:??, December 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Arvind:2016:NVC

[AJR16] V. Arvind, P. S. Joglekar, and S. Raja. Noncommutative Valiant's classes: Structure and complete problems. *ACM Transactions on Computation Theory*, 9(1):3:1–3:??, December 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ambainis:2021:ACA

[AKP+21] Andris Ambainis, Martins Kokainis, Krisjanis Prusis, Jevgenijs Vihrovs, and Aleksejs Zajakins. All classical adversary methods are equivalent for total functions. *ACM Transactions on Computation Theory*, 13(1):7:1–7:20, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3442357`.

Adamaszek:2017:HAS

[AKPP17] Anna Adamaszek, Tomasz Kociumaka, Marcin Pilipczuk, and Michal Pilipczuk. Hardness of approximation for strip packing. *ACM Transactions on Computation Theory*, 9(3):14:1–14:??, October 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Agrawal:2018:SFV

[ALMS18] Akanksha Agrawal, Daniel Lokshtanov, Amer E. Mouawad, and Saket Saurabh. Simultaneous feedback vertex set: a parameterized perspective. *ACM Transactions on Computation Theory*, 10(4):18:1–18:??, October 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Agrawal:2019:SCU

[ALSZ19] Akanksha Agrawal, Daniel Lokshtanov, Saket Saurabh, and Meirav Zehavi. Split contraction: The untold story. *ACM Transactions on Computation Theory*, 11 (3):18:1–18:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3319909`.

Austrin:2014:NNH

[AOTW14] Per Austrin, Ryan O'Donnell, Li-Yang Tan, and John Wright. New NP-hardness results for 3-coloring and 2-to-1 label cover. *ACM Transactions on Computation Theory*, 6(1):2:1–2:??, March 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Artemenko:2017:PGO

[AS17] Sergei Artemenko and Ronen Shaltiel. Pseudorandom generators with optimal seed length for non-Boolean poly-size circuits. *ACM Transactions on Computation Theory*, 9(2):6:1–6:??, May 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Arvind:2011:SGI

[AT11] Vikraman Arvind and Jacobo Torán. Solvable group isomorphism is (almost) in NP $\cap$ coNP. *ACM Transactions on Computation Theory*, 2(2):4:1–4:??, March 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Aviv:2019:ELG

[ATS19] Nir Aviv and Amnon Ta-Shma. On the entropy loss and gap of condensers. *ACM Transactions on Computation Theory*, 11 (3):15:1–15:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3317691.

Aaronson:2009:ANB

[AW09] Scott Aaronson and Avi Wigderson. Algebrization: a new barrier in complexity theory. *ACM Transactions on Computation Theory*, 1(1):2:1–2:??, February 2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bodirsky:2024:CDS

[BB24] Manuel Bodirsky and Bertalan Bodor. A complexity dichotomy in spatial reasoning via Ramsey theory. *ACM Transactions on Computation Theory*, 16(2): 10:1–10:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3649445.

Becker:2021:AGC

[BBDL+21] Florent Becker, Tom Besson, Jérôme Durand-Lose, Aurélien Emmanuel, Mohammad-Hadi Foroughmand-Araabi, Sama Goliaei, and Shahrzad Heydarshahi. Abstract geometrical computation 10: an intrinsically universal family of signal machines. *ACM Transactions on Computation Theory*, 13(1):4:1–4:31, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3442359.

Bhattacharya:2024:FCS

[BBGM24] Anup Bhattacharya, Arijit Bishnu, Arijit Ghosh, and Gopinath Mishra. Faster counting and sampling algorithms using colorful decision oracle. *ACM Transactions on Computation Theory*, 16 (2):12:1–12:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3657605`.

Beyersdorff:2024:HQM

[BBM+24] Olaf Beyersdorff, Joshua Blinkhorn, Meena Mahajan, Tomás Peitl, and Gaurav Sood. Hard QBFs for merge resolution. *ACM Transactions on Computation Theory*, 16(2):6:1–6:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3638263`.

Beyersdorff:2024:SDQ

[BBP24] Olaf Beyersdorff, Joshua Lewis Blinkhorn, and Tomás Peitl. Strong (D)QBF dependency schemes via implication-free resolution paths. *ACM Transactions on Computation Theory*, 16 (4):22:1–22:25, December 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bhattacharyya:2018:PTJ

[BC18] Rishiraj Bhattacharyya and Sourav Chakraborty. Property testing of joint distributions using conditional samples. *ACM Transactions on Computation Theory*, 10(4):16:1–16:??, October 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Blais:2019:TJT

[BCE+19] Eric Blais, Clément L. Canonne, Talya Eden, Amit Levi, and Dana Ron. Tolerant junta testing and the connection to submodular optimization and function isomorphism. *ACM Transactions on Computation Theory*, 11(4):24:1–24:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3337789`.

Blais:2019:DTL

[BCG19] Eric Blais, Clément L. Canonne, and Tom Gur. Distribution testing lower bounds via reductions from communication complexity. *ACM Transactions on Computation Theory*, 11(2):6:1–6:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3305270`.

Beyersdorff:2019:NRB

[BCJ19] Olaf Beyersdorff, Leroy Chew, and Mikolás Janota. New resolution-based QBF calculi and their proof complexity. *ACM Transactions on Computation Theory*, 11(4):26:1–26:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3352155`.

Bliznets:2018:HAF

[BCKP18] Ivan Bliznets, Marek Cygan, Pawel Komosa, and Michal Pilipczuk. Hardness of approximation for H-free edge modification problems. *ACM Transac-*

tions on Computation Theory, 10 (2):9:1–9:??, May 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Beyersdorff:2013:VPC

[BDK+13] Olaf Beyersdorff, Samir Datta, Andreas Krebs, Meena Mahajan, Gido Scharfenberger-Fabian, Karteek Sreenivasaiah, Michael Thomas, and Heribert Vollmer. Verifying proofs in constant depth. *ACM Transactions on Computation Theory*, 5(1):2:1–2:??, May 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bhargav:2024:ILB

[BDS24] C. S. Bhargav, Sagnik Dutta, and Nitin Saxena. Improved lower bound, and proof barrier, for constant depth algebraic circuits. *ACM Transactions on Computation Theory*, 16(4):23:1–23:22, December 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bandyapadhyay:2023:PCF

[BFGS23] Sayan Bandyapadhyay, Fedor V. Fomin, Petr A. Golovach, and Kirill Simonov. Parameterized complexity of feature selection for categorical data clustering. *ACM Transactions on Computation Theory*, 15(3–4):7:1–7:??, December 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3604797`.

Bartholdi:2022:GAH

[BFLW22] Laurent Bartholdi, Michael Figelius, Markus Lohrey, and Armin Weiß. Groups with ALOGTIME-hard word problems and PSPACE-complete compressed word problems. *ACM Transactions on Computation Theory*, 14(3–4):11:1–11:??, December 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3569708`.

Bhattacharyya:2017:LBC

[BG17] Arnab Bhattacharyya and Sivakanth Gopi. Lower bounds for constant query affine-invariant LCCs and LTCs. *ACM Transactions on Computation Theory*, 9(2):7:1–7:??, May 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bezakova:2021:CAM

[BGGS21] Ivona Bezáková, Andreas Galanis, Leslie Ann Goldberg, and Daniel Stefankovic. The complexity of approximating the matching polynomial in the complex plane. *ACM Transactions on Computation Theory*, 13(2):13:1–13:37, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3448645`.

Beyersdorff:2012:PBD

[BGLR12] Olaf Beyersdorff, Nicola Galesi, Massimo Lauria, and Alexander A. Razborov. Parameterized bounded-depth Frege is not optimal. *ACM Transactions on Computation Theory*, 4(3):7:1–7:??, September 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Beame:2016:NAF

[BGMS16] Paul Beame, Nathan Grosshans, Pierre McKenzie, and Luc Segoufin. Nondeterminism and an abstract formulation of Neciporuk's lower bound method. *ACM Transactions on Computation Theory*, 9(1):5:1–5:??, December 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Brakerski:2014:LFH

[BGV14] Zvika Brakerski, Craig Gentry, and Vinod Vaikuntanathan. (Leveled) fully homomorphic encryption without bootstrapping. *ACM Transactions on Computation Theory*, 6(3):13:1–13:??, July 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Beame:2012:VMR

[BH12] Paul Beame and Trinh Huynh. The value of multiple Read/ write streams for approximating frequency moments. *ACM Transactions on Computation Theory*, 3 (2):6:1–6:??, January 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Boppana:2019:BIV

[BHLV19] Ravi Boppana, Johan Håstad, Chin Ho Lee, and Emanuele Viola. Bounded independence versus symmetric tests. *ACM Transactions on Computation Theory*, 11(4):21:1–21:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3337783.

Beyersdorff:2020:RHQ

[BHP20] Olaf Beyersdorff, Luke Hinde, and Ján Pich. Reasons for hardness in QBF proof systems. *ACM Transactions on Computation Theory*, 12(2):10:1–10:27, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3378665.

Beame:2010:FCD

[BIPS10] Paul Beame, Russell Impagliazzo, Toniann Pitassi, and Nathan Segerlind. Formula caching in DPLL. *ACM Transactions on Computation Theory*, 1(3):9:1–9:??, March 2010. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Boczkowski:2018:SCP

[BKM18] Lucas Boczkowski, Iordanis Kerenidis, and Frédéric Magniez. Streaming communication protocols. *ACM Transactions on Computation Theory*, 10(4):19:1–19:??, October 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bogdanov:2013:HFL

[BKT13] Andrej Bogdanov, Akinori Kawachi, and Hidetoki Tanaka. Hard functions for low-degree polynomials over prime fields. *ACM Transactions on Computation Theory*, 5 (2):5:1–5:??, July 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Black:2019:MPU

[Bla19] Timothy Black. Monotone properties of k-uniform hypergraphs are weakly evasive. *ACM Transactions on Computation Theory*, 11(3):14:1–14:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3313908.

Bonamy:2019:TLB

[BłKP+19] Marthe Bonamy, łUkasz Kowalik, Michał Pilipczuk, Arkadiusz Socała, and Marcin Wrochna. Tight lower bounds for the complexity of multicoloring. *ACM Transactions on Computation Theory*, 11(3):13:1–13:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3313906.

Blaser:2015:SCT

[BM15] Markus Bläser and Bodo Manthey. Smoothed complexity theory. *ACM Transactions on Computation Theory*, 7(2):6:1–6:??, May 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bun:2021:SRC

[BMT21] Mark Bun, Nikhil S. Mande, and Justin Thaler. Sign-rank can increase under intersection. *ACM Transactions on Computation Theory*, 13(4):24:1–24:17, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3470863.

Beisegel:2025:CHP

[BRS25] Jesse Beisegel, Fabienne Ratajczak, and Robert Scheffler. Computing Hamiltonian paths with partial order restrictions. *ACM Transactions on Computation Theory*, 17(1):5:1–5:24, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bisht:2025:DSP

[BS25] Pranav Bisht and Nitin Saxena. Derandomization via symmetric polytopes: Poly-time factorization of certain sparse polynomials. *ACM Transactions on Computation Theory*, 17(2):12:1–12:20, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ben-Sasson:2009:SQP

[BSHLM09] Eli Ben-Sasson, Prahladh Harsha, Oded Lachish, and Arie Matsliah. Sound 3-query PCPPs are long. *ACM Transactions on Computation Theory*, 1(2):7:1–7:??, September 2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Bourke:2009:DPR

[BTV09] Chris Bourke, Raghunath Tewari, and N. V. Vinodchandran. Directed planar reachability is in unambiguous log-space. *ACM Transactions on Computation Theory*, 1(1):4:1–4:??, February 2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Brandts:2021:CPS

[BWZ21] Alex Brandts, Marcin Wrochna, and Stanislav Zivný. The complexity of promise SAT on non-Boolean domains. *ACM Transactions on Computation Theory*, 13(4):26:1–26:20, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3470867`.

Bulatov:2020:ACC

[BZ20] Andrei A. Bulatov and Stanislav Zivný. Approximate counting CSP seen from the other side. *ACM Transactions on Computation Theory*, 12(2):11:1–11:19, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3389390`.

Cook:2014:OWF

[CEMT14] James Cook, Omid Etesami, Rachel Miller, and Luca Trevisan. On the one-way function candidate proposed by Goldreich. *ACM Transactions on Computation Theory*, 6(3):14:1–14:??, July 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cook:2014:CCC

[CFL14] Stephen A. Cook, Yuval Filmus, and Dai Tri Man Lê. The complexity of the comparator circuit value problem. *ACM Transactions on Computation Theory*, 6 (4):15:1–15:??, August 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chen:2014:HIA

[CFM14] Yijia Chen, Jörg Flum, and Moritz Müller. Hard instances of algorithms and proof systems. *ACM Transactions on Computation Theory*, 6(2):7:1–7:??, May 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chang:2018:MMS

[Cha18] Ching-Lueh Chang. Metric 1-median selection: Query complexity vs. approximation ratio. *ACM Transactions on Computation Theory*, 9(4):20:1–20:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chen:2017:PCM

[Che17] Hubie Chen. Proof complexity modulo the polynomial hierarchy: Understanding alternation as a source of hardness. *ACM Transactions on Computation Theory*, 9(3):15:1–15:??, October 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chillara:2021:CMP

[Chi21] Suryajith Chillara. On computing multilinear polynomials using multi-r-ic depth four circuits. *ACM Transactions on Computation Theory*, 13(3):16:1–16:21, September 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3460952`.

Cheraghchi:2012:ALT

[CHIS12] Mahdi Cheraghchi, Johan Håstad, Marcus Isaksson, and Ola Svensson. Approximating linear threshold predicates. *ACM Transactions on Computation Theory*, 4(1):2:1–2:??, March 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chen:2023:SLB

[CJO+23] Hubie Chen, Bart M. P. Jansen, Karolina Okrasa, Astrid Pieterse, and Paweł Rzażewski. Sparsification lower bounds for list H-coloring. *ACM Transactions on Computation Theory*, 15(3–4):8:1–8:??, December 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3612938`.

Caragiannis:2016:LDA

[CKK16] Ioannis Caragiannis, Christos Kaklamanis, and Maria Kyropoulou. Limitations of deterministic auction design for correlated bidders. *ACM Transactions on Computation Theory*, 8(4):13:1–13:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cheraghchi:2020:CLB

[CKLM20] Mahdi Cheraghchi, Valentine Kabanets, Zhenjian Lu, and Dimitrios Myrisiotis. Circuit lower bounds for MCSP from local pseudorandom generators. *ACM Transactions on Computation Theory*, 12(3):21:1–21:27, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3404860`.

Cygan:2014:CCG

[CKP+14] Marek Cygan, Stefan Kratsch, Marcin Pilipczuk, Michal Pilipczuk, and Magnus Wahlström. Clique cover and graph separation: New incompressibility results. *ACM Transactions on Computation Theory*, 6(2):6:1–6:??, May 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cai:2019:GAG

[CKW19] Jin-Yi Cai, Michael Kowalczyk, and Tyson Williams. Gadgets and anti-gadgets leading to a complexity dichotomy. *ACM Transactions on Computation Theory*, 11(2):7:1–7:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3305272`.

Case:2015:MD

[CL15] Adam Case and Jack H. Lutz. Mutual dimension. *ACM Transactions on Computation Theory*, 7(3):12:1–12:??, July 2015. CO-

DEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chen:2017:AMC

[CL17] Hubie Chen and Benoit Larose. Asking the metaquestions in constraint tractability. *ACM Transactions on Computation Theory*, 9(3):11:1–11:??, October 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chaugule:2021:VHP

[CLV21] Prasad Chaugule, Nutan Limaye, and Aditya Varre. Variants of homomorphism polynomials complete for algebraic complexity classes. *ACM Transactions on Computation Theory*, 13(4):21:1–21:26, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3470858`.

Chen:2015:FCC

[CM15] Hubie Chen and Moritz Müller. The fine classification of conjunctive queries and parameterized logarithmic space. *ACM Transactions on Computation Theory*, 7(2):7:1–7:??, May 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cote:2023:CBP

[CM23] Hugo Côté and Pierre McKenzie. Catalytic branching programs from groups and general protocols. *ACM Transactions on Computation Theory*, 15(3–4):5:1–5:??, December 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3583085`.

Chiesa:2020:TLA

[CMS20] Alessandro Chiesa, Peter Manohar, and Igor Shinkar. Testing linearity against non-signaling strategies. *ACM Transactions on Computation Theory*, 12(3):16:1–16:51, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3397474`.

Cook:2012:PBP

[CMW+12] Stephen Cook, Pierre McKenzie, Dustin Wehr, Mark Braverman, and Rahul Santhanam. Pebbles and branching programs for tree evaluation. *ACM Transactions on Computation Theory*, 3(2):4:1–4:??, January 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cavalar:2025:BCC

[CO25] Bruno Cavalar and Igor Oliveira. Boolean circuit complexity and two-dimensional cover problems. *ACM Transactions on Computation Theory*, 17(2):13:1–13:23, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cygan:2013:MCP

[CPPW13] Marek Cygan, Marcin Pilipczuk, Michal Pilipczuk, and Jakub Onufry Wojtaszczyk. On multiway cut parameterized above lower bounds. *ACM Transactions on*

Computation Theory, 5(1):3:1–3:??, May 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chatterjee:2023:CFH

[CS23] Prerona Chatterjee and Ramprasad Saptharishi. Constructing faithful homomorphisms over fields of finite characteristic. *ACM Transactions on Computation Theory*, 15(1–2):1:1–1:??, June 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3580351`.

Cai:2024:BDN

[CS24] Jin-Yi Cai and Daniel P. Szabo. Bounded degree nonnegative counting CSP. *ACM Transactions on Computation Theory*, 16(2):5:1–5:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3632184`.

Chakraborty:2018:SPT

[CT18] Diptarka Chakraborty and Raghunath Tewari. An $O(n\epsilon)$ space and polynomial time algorithm for reachability in directed layered planar graphs. *ACM Transactions on Computation Theory*, 9(4):19:1–19:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Chattopadhyay:2013:GIA

[CTW13] Arkadev Chattopadhyay, Jacobo Torán, and Fabian Wagner. Graph isomorphism is not AC^0-reducible to group isomorphism. *ACM Transactions on Computation Theory*, 5(4):13:1–13:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cai:2024:PCE

[CY24] Jin-Yi Cai and Ben Young. Planar #CSP equality corresponds to quantum isomorphism — a Holant viewpoint. *ACM Transactions on Computation Theory*, 16 (3):18:1–18:41, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Drange:2015:ESC

[DFPV15] Pål Grønås Drange, Fedor V. Fomin, Michal Pilipczuk, and Yngve Villanger. Exploring the subexponential complexity of completion problems. *ACM Transactions on Computation Theory*, 7(4):14:1–14:??, September 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Dalmau:2013:RSC

[DK13] Víctor Dalmau and Andrei Krokhin. Robust satisfiability for CSPs: Hardness and algorithmic results. *ACM Transactions on Computation Theory*, 5(4):15:1–15:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Datta:2010:PDP

[DKLM10] Samir Datta, Raghav Kulkarni, Nutan Limaye, and Meena Mahajan. Planarity, determinants, permanents, and (unique) matchings. *ACM Transactions on Computation Theory*, 1(3):10:1–10:??, March 2010. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Dinesh:2019:CLB

[DKS19] Krishnamoorthy Dinesh, Sajin Koroth, and Jayalal Sarma. Characterization and lower bounds for branching program size using projective dimension. *ACM Transactions on Computation Theory*, 11(2):8:1–8:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3305274`.

Dell:2021:FGR

[DL21] Holger Dell and John Lapinskas. Fine-grained reductions from approximate counting to decision. *ACM Transactions on Computation Theory*, 13(2):8:1–8:24, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3442352`.

Datta:2022:PGI

[DLN+22] Samir Datta, Nutan Limaye, Prajakta Nimbhorkar, Thomas Thierauf, and Fabian Wagner. Planar graph isomorphism is in log-space. *ACM Transactions on Computation Theory*, 14(2):8:1–8:??, June 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3543686`.

De:2013:EOH

[DM13] Anindya De and Elchanan Mossel. Explicit optimal hardness via Gaussian stability results. *ACM Transactions on Computation Theory*, 5(4):14:1–14:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Doron:2024:SSS

[DMVZ24] Dean Doron, Jack Murtagh, Salil Vadhan, and David Zuckerman. Small-space spectral sparsification via bounded-independence sampling. *ACM Transactions on Computation Theory*, 16(2):7:1–7:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3637034`.

Oliveira:2019:RMB

[DP19] Mateus De Oliveira Oliveira and Pavel Pudlák. Representations of monotone Boolean functions by linear programs. *ACM Transactions on Computation Theory*, 11(4):22:1–22:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3337787`.

David:2009:ISB

[DPV09] Matei David, Toniann Pitassi, and Emanuele Viola. Improved separations between nondeterministic and randomized multiparty communication. *ACM Transactions on Computation Theory*, 1(2):5:1–5:??, September

2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Drucker:2013:HCP

[Dru13] Andrew Drucker. High-confidence predictions under adversarial uncertainty. *ACM Transactions on Computation Theory*, 5(3):12:1–12:??, August 2013. ISSN 1942-3454 (print), 1942-3462 (electronic). Special issue on innovations in theoretical computer science 2012.

Dhayal:2017:MMP

[DSS17] Anant Dhayal, Jayalal Sarma, and Saurabh Sawlani. Min/max-poly weighting schemes and the NL versus UL problem. *ACM Transactions on Computation Theory*, 9(2):10:1–10:??, May 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

De:2012:ELB

[DW12] Anindya De and Thomas Watson. Extractors and lower bounds for locally samplable sources. *ACM Transactions on Computation Theory*, 4(1):3:1–3:??, March 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Englert:2013:EC

[ERSV13] Matthias Englert, Heiko Röglin, Jacob Spönemann, and Berthold Vöcking. Economical caching. *ACM Transactions on Computation Theory*, 5(2):4:1–4:??, July 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Elberfeld:2017:CGB

[ES17] Michael Elberfeld and Pascal Schweitzer. Canonizing graphs of bounded tree width in logspace. *ACM Transactions on Computation Theory*, 9(3):12:1–12:??, October 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Etessami:2014:NCC

[ESY14] Kousha Etessami, Alistair Stewart, and Mihalis Yannakakis. A note on the complexity of comparing succinctly represented integers, with an application to maximum probability parsing. *ACM Transactions on Computation Theory*, 6(2):9:1–9:??, May 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fellows:2013:DFP

[FFL+13] Michael Fellows, Fedor V. Fomin, Daniel Lokshtanov, Elena Losievskaja, Frances Rosamond, and Saket Saurabh. Distortion is fixed parameter tractable. *ACM Transactions on Computation Theory*, 5(4):16:1–16:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fischer:2016:TRO

[FGL16] Eldar Fischer, Yonatan Goldhirsh, and Oded Lachish. Testing read-once formula satisfaction. *ACM Transactions on Computation Theory*, 8(2):5:1–5:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fellows:2011:CDF

[FGMN11] Michael R. Fellows, Jiong Guo, Hannes Moser, and Rolf Niedermeier. A complexity dichotomy for finding disjoint solutions of vertex deletion problems. *ACM Transactions on Computation Theory*, 2(2):5:1–5:??, March 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fomin:2022:AMT

[FGST22] Fedor V. Fomin, Petr A. Golovach, Giannos Stamoulis, and Dimitrios M. Thilikos. An algorithmic meta-theorem for graph modification to planarity and FOL. *ACM Transactions on Computation Theory*, 14(3–4):13:1–13:??, December 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3571278.

Focke:2020:CAC

[FGZ20] Jacob Focke, Leslie Ann Goldberg, and Stanislav Zivný. The complexity of approximately counting retractions. *ACM Transactions on Computation Theory*, 12(3):15:1–15:43, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3397472.

Fellows:2016:TPM

[FHRS16] Michael R. Fellows, Danny Hermelin, Frances Rosamond, and Hadas Shachnai. Tractable parameterizations for the minimum linear arrangement problem. *ACM Transactions on Computation Theory*, 8(2):6:1–6:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fellows:2014:FCU

[FJ14] Michael R. Fellows and Bart M. P. Jansen. FPT is characterized by useful obstruction sets: Connecting algorithms, kernels, and quasi-orders. *ACM Transactions on Computation Theory*, 6 (4):16:1–16:??, August 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fontes:2016:RDD

[FJK+16] Lila Fontes, Rahul Jain, Iordanis Kerenidis, Sophie Laplante, Mathieu Laurière, and Jérémie Roland. Relative discrepancy does not separate information and communication complexity. *ACM Transactions on Computation Theory*, 9(1):4:1–4:??, December 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Filmus:2018:IPS

[FKMW18] Yuval Filmus, Guy Kindler, Elchanan Mossel, and Karl Wimmer. Invariance principle on the slice. *ACM Transactions on Computation Theory*, 10(3):11:1–11:??, June 2018. CODEN ????

ISSN 1942-3454 (print), 1942-3462 (electronic).

Fomin:2021:CHN

[FLM+21] Fedor V. Fomin, Daniel Lokshtanov, Ivan Mihajlin, Saket Saurabh, and Meirav Zehavi. Computation of Hadwiger number and related contraction problems: Tight lower bounds. *ACM Transactions on Computation Theory*, 13(2):10:1–10:25, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3448639.

Fernau:2015:UPT

[FLOR15] Henning Fernau, Alejandro López-Ortiz, and Jazmín Romero. Using parametric transformations toward polynomial kernels for packing problems allowing overlaps. *ACM Transactions on Computation Theory*, 7(3):13:1–13:??, July 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Feldmann:2023:CLF

[FM23] Andreas Emil Feldmann and Dániel Marx. The complexity landscape of fixed-parameter directed Steiner network problems. *ACM Transactions on Computation Theory*, 15(3–4):4:1–4:??, December 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3580376.

Focke:2025:TCB

[FMI+25] Jacob Focke, Dániel Marx, Fionn Mc Inerney, Daniel Neuen, Govind S. Sankar, Philipp Schepper, and Philip Wellnitz. Tight complexity bounds for counting generalized dominating sets in bounded-treewidth graphs. Part II: Hardness results. *ACM Transactions on Computation Theory*, 17(2):10:1–10:101, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fernau:2020:PMV

[FMMS20] Henning Fernau, Florin Manea, Robert Mercas, and Markus L. Schmid. Pattern matching with variables: Efficient algorithms and complexity results. *ACM Transactions on Computation Theory*, 12(1):6:1–6:37, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3369935.

Folwarczny:2023:PMF

[Fol23] Lukás Folwarczný. On protocols for monotone feasible interpolation. *ACM Transactions on Computation Theory*, 15(1–2):2:1–2:??, June 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3583754.

Fortnow:2009:EF

[For09] Lance Fortnow. Editor's foreword. *ACM Transactions on Computation Theory*, 1(1):1:1–1:??, February 2009. CODEN

???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Filmus:2015:ELB

[FPS15] Yuval Filmus, Toniann Pitassi, and Rahul Santhanam. Exponential lower bounds for AC0-Frege imply superpolynomial Frege lower bounds. *ACM Transactions on Computation Theory*, 7 (2):5:1–5:??, May 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Fulla:2019:CBS

[FUZ19] Peter Fulla, Hannes Uppman, and Stanislav Zivný. The complexity of Boolean surjective general-valued CSPs. *ACM Transactions on Computation Theory*, 11(1):4:1–4:??, January 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3282429.

Fulla:2016:GCW

[FZ16] Peter Fulla and Stanislav Zivný. A Galois connection for weighted (relational) clones of infinite size. *ACM Transactions on Computation Theory*, 8(3):9:1–9:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ganian:2020:EMR

[GdHKS20] Robert Ganian, Ronald de Haan, Iyad Kanj, and Stefan Szeider. On existential MSO and its relation to ETH. *ACM Transactions on Computation Theory*, 12(4):22:1–22:32, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3417759.

Galanis:2017:CTA

[GGJ17] Andreas Galanis, Leslie Ann Goldberg, and Mark Jerrum. A complexity trichotomy for approximately counting list H-colorings. *ACM Transactions on Computation Theory*, 9(2): 9:1–9:??, May 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldreich:2019:SLT

[GGK19] Oded Goldreich, Tom Gur, and Ilan Komargodski. Strong locally testable codes with relaxed local decoders. *ACM Transactions on Computation Theory*, 11 (3):17:1–17:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3319907.

Gobel:2014:CCH

[GGR14] Andreas Göbel, Leslie Ann Goldberg, and David Richerby. The complexity of counting homomorphisms to cactus graphs modulo 2. *ACM Transactions on Computation Theory*, 6(4):17:1–17:??, August 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gobel:2016:CHS

[GGR16] Andreas Göbel, Leslie Ann Goldberg, and David Richerby. Counting homomorphisms to square-free graphs, modulo 2. *ACM Transactions on Computation Theory*, 8(3):12:1–12:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Galanis:2021:FAG

[GGS21] Andreas Galanis, Leslie Ann Goldberg, and James Stewart. Fast algorithms for general spin systems on bipartite expanders. *ACM Transactions on Computation Theory*, 13(4): 25:1–25:18, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3470865.

Galanis:2022:ICH

[GGW22] Andreas Galanis, Heng Guo, and Jiaheng Wang. Inapproximability of counting hypergraph colourings. *ACM Transactions on Computation Theory*, 14(3–4):10:1–10:??, December 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3558554.

Geffner:2024:BCC

[GH24] Ivan Geffner and Joseph Y. Halpern. Bounding the communication complexity of fault-tolerant common coin tossing. *ACM Transactions on Computation Theory*, 16(3):19:1–19:10, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ganardi:2018:CEF

[GHKL18] Moses Ganardi, Danny Hucke, Daniel König, and Markus Lohrey. Circuits and expressions over finite semirings. *ACM Transactions on Computation Theory*, 10(4):15:1–15:??, October 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Glasser:2014:UDN

[GHPT14] Christian Glaßer, John M. Hitchcock, A. Pavan, and Stephan Travers. Unions of disjoint NP-complete sets. *ACM Transactions on Computation Theory*, 6 (1):3:1–3:??, March 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldberg:2014:CAC

[GJ14] Leslie Ann Goldberg and Mark Jerrum. The complexity of approximately counting tree homomorphisms. *ACM Transactions on Computation Theory*, 6(2): 8:1–8:??, May 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldberg:2019:APC

[GJ19] Leslie Ann Goldberg and Mark Jerrum. Approximating pairwise correlations in the Ising model. *ACM Transactions on Computation Theory*, 11(4):23:1–23:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3337785.

Gal:2016:SEA

[GJL+16] Anna Gál, Jing-Tang Jang, Nutan Limaye, Meena Mahajan, and Karteek Sreenivasaiah. Space-efficient approximations for subset sum. *ACM Transactions on Computation Theory*, 8(4):16:1–16:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gunda:2021:PAC

[GJL+21] Spoorthy Gunda, Pallavi Jain, Daniel Lokshtanov, Saket Saurabh, and Prafullkumar Tale. On the parameterized approximability of contraction to classes of chordal graphs. *ACM Transactions on Computation Theory*, 13(4):27:1–27:40, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3470869.

Goos:2018:RCV

[GJPW18] Mika Göös, T. S. Jayram, Toniann Pitassi, and Thomas Watson. Randomized communication versus partition number. *ACM Transactions on Computation Theory*, 10(1):4:1–4:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gurjar:2016:PGP

[GKM+16] Rohit Gurjar, Arpita Korwar, Jochen Messner, Simon Straub, and Thomas Thierauf. Planarizing gadgets for perfect matching do not exist. *ACM Transactions on Computation Theory*, 8(4):14:1–14:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ghosh:2020:FAE

[GKM20] Arijit Ghosh, Sudeshna Kolay, and Gopinath Mishra. FPT algorithms for embedding into low-complexity graphic metrics. *ACM Transactions on Computation Theory*, 12(1):1:1–1:41, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3369933.

Gurjar:2017:EPM

[GKMT17] Rohit Gurjar, Arpita Korwar, Jochen Messner, and Thomas Thierauf. Exact perfect matching in complete graphs. *ACM Transactions on Computation Theory*, 9(2):8:1–8:??, May 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Guo:2018:USM

[GL18] Heng Guo and Pinyan Lu. Uniqueness, spatial mixing, and approximation for ferromagnetic 2-spin systems. *ACM Transactions on Computation Theory*, 10(4):17:1–17:??, October 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ganardi:2019:UTB

[GL19] Moses Ganardi and Markus Lohrey. A universal tree balancing theorem. *ACM Transactions on Computation Theory*, 11 (1):1:1–1:??, January 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3278158.

Guruswami:2025:RAL

[GLW25] Venkatesan Guruswami, Xin Lyu, and Xiuhan Wang. Range avoidance for low-depth circuits and connections to pseudorandomness. *ACM Transactions on Computation Theory*, 17(2):14:1–14:23, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gal:2012:TQL

[GM12] Anna Gal and Andrew Mills. Three-query locally decodable codes with higher correctness require exponential length. *ACM Transactions on Computation Theory*, 3(2):5:1–5:??, January 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldreich:2015:IOP

[GM15] Oded Goldreich and Or Meir. Input-oblivious proof systems and a uniform complexity perspective on P/poly. *ACM Transactions on Computation Theory*, 7(4):16:1–16:??, September 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Greco:2014:CNC

[GMPS14] Gianluigi Greco, Enrico Malizia, Luigi Palopoli, and Francesco Scarcello. The complexity of the nucleolus in compact games. *ACM Transactions on Computation Theory*, 7(1):3:1–3:??, December 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gupta:2021:PMR

[GMSZ21] Sushmita Gupta, Pranabendu Misra, Saket Saurabh, and Meirav Zehavi. Popular matching in roommates setting is NP-hard. *ACM Transactions on Computation Theory*, 13(2):9:1–9:20, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3442354.

Gryaznov:2024:RLE

[GOR24] Svyatoslav Gryaznov, Sergei Ovcharov, and Artur Riazanov. Resolution over linear equations: Combinatorial games for tree-like size and space. *ACM Transactions on Computation Theory*, 16 (3):15:1–15:15, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Grochow:2024:GIS

[GQ24] Joshua A. Grochow and Youming Qiao. On p-group isomorphism: Search-to-decision, counting-to-decision, and nilpotency class reductions via tensors. *ACM Transactions on Computation Theory*, 16(1):2:1–2:??, March 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3625308.

Guruswami:2009:HSS

[GR09] Venkatesan Guruswami and Prasad Raghavendra. Hardness of solving sparse overdetermined linear systems: a 3-query PCP over integers. *ACM Transactions on Computation Theory*, 1(2):6:1–6:??, September 2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldreich:2016:SBT

[GR16] Oded Goldreich and Dana Ron. On sample-based testers. *ACM Transactions on Computation Theory*, 8(2):7:1–7:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldreich:2020:STM

[GR20] Oded Goldreich and Dana Ron. The subgraph testing model. *ACM Transactions on Computation Theory*, 12(4):28:1–28:32, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3428675`.

Gurpinar:2024:CCS

[GR24] Emirhan Gürpınar and Andrei Romashchenko. Communication complexity of the secret key agreement in algorithmic information theory. *ACM Transactions on Computation Theory*, 16 (3):13:1–13:37, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gharibian:2018:GSC

[GS18] Sevag Gharibian and Jamie Sikora. Ground state connectivity of local Hamiltonians. *ACM Transactions on Computation Theory*, 10(2):8:1–8:??, May 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Goldenberg:2020:TGD

[GS20] Elazar Goldenberg and Karthik C. S. Toward a general direct product testing theorem. *ACM Transactions on Computation Theory*, 12(1):7:1–7:18, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3369939`.

Galesi:2020:CRG

[GTT20] Nicola Galesi, Navid Talebanfard, and Jacobo Torán. Cops–robber games and the resolution of Tseitin formulas. *ACM Transactions on Computation Theory*, 12(2):9:1–9:22, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3378667`.

Guillemot:2025:PCS

[Gui25] Sylvain Guillemot. Parameterized covering in semi-ladder-free hypergraphs. *ACM Transactions on Computation Theory*, 17(2): 9:1–9:15, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Gurjar:2020:PBO

[GV20] Rohit Gurjar and Ben Lee Volk. Pseudorandom bits for oblivious branching programs. *ACM Transactions on Computation Theory*, 12(2):8:1–8:12, May

2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3378663.

Goos:2020:LBS

[GW20] Mika Göös and Thomas Watson. A lower bound for sampling disjoint sets. *ACM Transactions on Computation Theory*, 12(3):20:1–20:13, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3404858.

Haviv:2019:MFS

[Hav19] Ishay Haviv. On minrank and forbidden subgraphs. *ACM Transactions on Computation Theory*, 11(4):20:1–20:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3322817.

Haviv:2025:CNK

[Hav25] Ishay Haviv. The chromatic number of Kneser hypergraphs via consensus division. *ACM Transactions on Computation Theory*, 17(1):4:1–4:23, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Harkins:2013:ELA

[HH13] Ryan C. Harkins and John M. Hitchcock. Exact learning algorithms, betting games, and circuit lower bounds. *ACM Transactions on Computation Theory*, 5(4):18:1–18:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Hemaspaandra:2020:SVD

[HHM20] Edith Hemaspaandra, Lane A. Hemaspaandra, and Curtis Menton. Search versus decision for election manipulation problems. *ACM Transactions on Computation Theory*, 12(1):3:1–3:42, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3369937.

Hemaspaandra:2024:GAE

[HJNP24] Lane A. Hemaspaandra, Mandar Juvekar, Arian Nadjimzadah, and Patrick A. Phillips. Gaps, ambiguity, and establishing complexity-class containments via iterative constant-setting. *ACM Transactions on Computation Theory*, 16(4):20:1–20:26, December 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Hamoudi:2023:QTS

[HM23] Yassine Hamoudi and Frédéric Magniez. Quantum time-space tradeoff for finding multiple collision pairs. *ACM Transactions on Computation Theory*, 15(1–2):3:1–3:??, June 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3589986.

Hermo:2020:ELB

[HO20] Montserrat Hermo and Ana Ozaki. Exact learning: On the boundary between Horn and CNF. *ACM Transactions on Computation Theory*, 12(1):4:1–4:25, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3369930.

Hitchcock:2011:KCR

[HPV11] John M. Hitchcock, A. Pavan, and N. V. Vinodchandran. Kolmogorov complexity in randomness extraction. *ACM Transactions on Computation Theory*, 3 (1):1:1–1:??, August 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Haviv:2016:LDS

[HR16] Ishay Haviv and Oded Regev. The list-decoding size of Fourier-sparse Boolean functions. *ACM Transactions on Computation Theory*, 8(3):10:1–10:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Hrubes:2016:HMV

[Hru16] P. Hrubes. On hardness of multilinearization and VNP-completeness in characteristic 2. *ACM Transactions on Computation Theory*, 9(1):1:1–1:??, December 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Hoefer:2010:TAC

[HS10] Martin Hoefer and Alexander Souza. Tradeoffs and average-case equilibria in selfish routing. *ACM Transactions on Computation Theory*, 2(1):2:1–2:??, November 2010. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Hitchcock:2021:PTR

[HSS21] John M. Hitchcock, Adewale Sekoni, and Hadi Shafei. Polynomial-time random oracles and separating complexity classes. *ACM Transactions on Computation Theory*, 13(1):1:11–1:16, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3434389.

Huang:2022:ADW

[HV22] Xuangui Huang and Emanuele Viola. Approximate degree, weight, and indistinguishability. *ACM Transactions on Computation Theory*, 14(1):3:1–3:26, March 2022. ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://doi.org/10.1145/3492338.

Iwama:2019:ROB

[IN19] Kazuo Iwama and Atsuki Nagao. Read-once branching programs for tree evaluation problems. *ACM Transactions on Computation Theory*, 11(1):5:1–5:??, January 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3282433.

Itsykson:2021:CPC

[IOO21] Dmitry Itsykson, Alexander Okhotin, and Vsevolod Oparin.

Computational and proof complexity of partial string avoidability. *ACM Transactions on Computation Theory*, 13(1):6:1–6:25, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3442365`.

Iwama:2018:PT

[IY18] Kazuo Iwama and Yuichi Yoshida. Parameterized testability. *ACM Transactions on Computation Theory*, 9(4):16:1–16:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Jonsson:2021:FGT

[JLR21] Peter Jonsson, Victor Lagerkvist, and Biman Roy. Fine-grained time complexity of constraint satisfaction problems. *ACM Transactions on Computation Theory*, 13(1):2:1–2:32, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3434387`.

Jerrum:2015:SHF

[JM15] Mark Jerrum and Kitty Meeks. Some hard families of parameterized counting problems. *ACM Transactions on Computation Theory*, 7(3):11:1–11:??, July 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Jansen:2019:OSS

[JP19] Bart M. P. Jansen and Astrid Pieterse. Optimal sparsification for some binary CSPs using low-degree polynomials. *ACM Transactions on Computation Theory*, 11(4):28:1–28:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3349618`.

Jukna:2020:CFD

[Juk20] Stasys Jukna. Coin flipping in dynamic programming is almost useless. *ACM Transactions on Computation Theory*, 12 (3):17:1–17:26, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3397476`.

Jansen:2024:OPT

[JW24] Bart M. P. Jansen and Michał Włodarczyk. Optimal polynomial-time compression for Boolean max CSP. *ACM Transactions on Computation Theory*, 16(1): 4:1–4:??, March 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3624704`.

Kawamura:2012:CTO

[KC12] Akitoshi Kawamura and Stephen Cook. Complexity theory for operators in analysis. *ACM Transactions on Computation Theory*, 4(2):5:1–5:??, May 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kabanets:2021:ALB

[KKL+21] Valentine Kabanets, Sajin Koroth, Zhenjian Lu, Dimitrios Myrisiotis, and Igor C. Oliveira. Algorithms and lower bounds for De Morgan formulas of low-communication leaf gates. *ACM Transactions on Computation Theory*, 13(4):23:1–23:37, December 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3470861`.

Kuhn:2024:LBI

[KLM24a] Michael Kuhn, Daniel Lokshtanov, and Zachary Miller. Lower bound for independence covering in C_4-free graphs. *ACM Transactions on Computation Theory*, 16(3):16:1–16:7, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kurpisz:2024:TSS

[KLM24b] Adam Kurpisz, Samuli Leppänen, and Monaldo Mastrolilli. Tight sum-of-squares lower bounds for binary polynomial optimization problems. *ACM Transactions on Computation Theory*, 16(1):3:1–3:??, March 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3626106`.

Krebs:2016:SDP

[KLMS16] Andreas Krebs, Nutan Limaye, Meena Mahajan, and Karteek Sreenivasaiah. Small depth proof systems. *ACM Transactions on Computation Theory*, 9(1):2:1–2:??, December 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Komusiewicz:2025:FSO

[KM25] Christian Komusiewicz and Nils Morawietz. Finding 3-swap-optimal independent sets and dominating sets is hard. *ACM Transactions on Computation Theory*, 17(1):1:1–1:31, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kumar:2016:ACL

[KMS16] Mrinal Kumar, Gaurav Maheshwari, and Jayalal Sarma. Arithmetic circuit lower bounds via maximum-rank of partial derivative matrices. *ACM Transactions on Computation Theory*, 8 (3):8:1–8:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kratsch:2016:PCK

[KMW16] Stefan Kratsch, Dániel Marx, and Magnus Wahlström. Parameterized complexity and kernelizability of max ones and exact ones problems. *ACM Transactions on Computation Theory*, 8 (1):1:1–1:??, February 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kayal:2020:SBR

[KNS20] Neeraj Kayal, Vineet Nair, and Chandan Saha. Separation between read-once oblivious algebraic branching programs (ROABPs) and multilinear depth-three circuits. *ACM Transactions on Computation Theory*, 12(1):2:1–2:27, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3369928`.

Kayal:2019:RFR

[KNST19] Neeraj Kayal, Vineet Nair, Chandan Saha, and Sébastien Tavenas. Reconstruction of full rank algebraic branching programs. *ACM Transactions on Computation Theory*, 11(1):2:1–2:??, January 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3282427`.

Komusiewicz:2018:TRT

[Kom18] Christian Komusiewicz. Tight running time lower bounds for vertex deletion problems. *ACM Transactions on Computation Theory*, 10(2):6:1–6:??, May 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kratsch:2014:KLB

[KPRR14] Stefan Kratsch, Marcin Pilipczuk, Ashutosh Rai, and Venkatesh Raman. Kernel lower bounds using co-nondeterminism: Finding induced hereditary subgraphs. *ACM Transactions on Computation Theory*, 7(1):4:1–4:??, December 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kolay:2019:CCG

[KPS19] Sudeshna Kolay, Fahad Panolan, and Saket Saurabh. Communication complexity and graph families. *ACM Transactions on Computation Theory*, 11(2):11:1–11:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3313234`.

Knop:2020:TCL

[KPW20] Dusan Knop, Michał Pilipczuk, and Marcin Wrochna. Tight complexity lower bounds for integer linear programming with few constraints. *ACM Transactions on Computation Theory*, 12 (3):19:1–19:19, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3397484`.

Kretschmer:2021:LBT

[Kre21] William Kretschmer. Lower bounding the AND–OR tree via symmetrization. *ACM Transactions on Computation Theory*, 13 (1):3:1–3:11, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3434385`.

Kerenidis:2019:MPP

[KRU19] Iordanis Kerenidis, Adi Rosén, and Florent Urrutia. Multi-party protocols, information complexity and privacy. *ACM Transactions on Computation Theory*, 11(2):9:1–9:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3313230.

Kayal:2012:SSR

[KS12] Neeraj Kayal and Chandan Saha. On the sum of square roots of polynomials and related problems. *ACM Transactions on Computation Theory*, 4(4):9:1–9:??, November 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kanade:2014:LHS

[KS14] Varun Kanade and Thomas Steinke. Learning hurdles for sleeping experts. *ACM Transactions on Computation Theory*, 6 (3):11:1–11:??, July 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Komarath:2015:PEB

[KS15] Balagopal Komarath and Jayalal Sarma. Pebbling, entropy, and branching program size lower bounds. *ACM Transactions on Computation Theory*, 7(2):8:1–8:??, May 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kulkarni:2011:PIP

[Kul11] Raghav Kulkarni. On the power of isolation in planar graphs. *ACM Transactions on Computation Theory*, 3(1):2:1–2:??, August 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Kumar:2020:PBD

[Kum20] Mrinal Kumar. On the power of border of depth-3 arithmetic circuits. *ACM Transactions on Computation Theory*, 12(1): 5:1–5:8, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3371506.

Kyncl:2010:LRD

[KV10] Jan Kynčl and Tomáš Vyskočil. Logspace reduction of directed reachability for bounded genus graphs to the planar case. *ACM Transactions on Computation Theory*, 1(3):8:1–8:??, March 2010. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Lauria:2016:RLB

[Lau16] Massimo Lauria. A rank lower bound for cutting planes proofs of Ramsey's Theorem. *ACM Transactions on Computation Theory*, 8(4):17:1–17:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Lutz:2018:AIP

[LL18] Jack H. Lutz and Neil Lutz. Algorithmic information, plane Kakeya sets, and conditional dimension. *ACM Transactions on Computation Theory*, 10(2):7:1–7:??, May 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Larose:2019:SHC

[LMP19] Benoît Larose, Barnaby Martin, and Daniël Paulusma. Surjective h-colouring over reflexive digraphs. *ACM Transactions on Computation Theory*, 11(1): 3:1–3:??, January 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3282431`.

Lowe:2025:LBL

[LN25] Angus Lowe and Ashwin Nayak. Lower bounds for learning quantum states with single-copy measurements. *ACM Transactions on Computation Theory*, 17(1): 7:1–7:42, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Levi:2022:ERS

[LPRV22] Amit Levi, Ramesh Krishnan S. Pallavoor, Sofya Raskhodnikova, and Nithin Varma. Erasure-resilient sublinear-time graph algorithms. *ACM Transactions on Computation Theory*, 14(1): 1:1–1:??, March 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3488250`.

Lokshtanov:2025:WBT

[LRS+25] Daniel Lokshtanov, Maadapuzhi-Sridharan Ramanujan, Saket Saurabh, Roohani Sharma, and Meirav Zehavi. Wannabe bounded treewidth graphs admit a polynomial kernel for directed feedback vertex set. *ACM Transactions on Computation Theory*, 17(1):2:1–2:28, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Li:2021:SCU

[LS21] Qian Li and Xiaoming Sun. On the sensitivity complexity of k-uniform hypergraph properties. *ACM Transactions on Computation Theory*, 13(2):12:1–12:13, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3448643`.

Lutz:2021:FIP

[Lut21] Neil Lutz. Fractal intersections and products via algorithmic dimension. *ACM Transactions on Computation Theory*, 13(3):14:1–14:15, September 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3460948`.

Lee:2018:CPP

[LV18] Chin Ho Lee and Emanuele Viola. The coin problem for product tests. *ACM Transactions on Computation Theory*, 10(3): 14:1–14:??, June 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Lampis:2024:SPT

[LV24] Michael Lampis and Manolis Vasilakis. Structural parameterizations for two bounded degree problems revisited. *ACM Transactions on Computation The-*

ory, 16(3):17:1–17:51, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Lagerkvist:2020:SSC

[LW20] Victor Lagerkvist and Magnus Wahlström. Sparsification of SAT and CSP problems via tractable extensions. *ACM Transactions on Computation Theory*, 12(2): 13:1–13:29, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3389411.

Lagerkvist:2022:CFG

[LW22] Victor Lagerkvist and Magnus Wahlström. The (coarse) fine-grained structure of NP-Hard SAT and CSP problems. *ACM Transactions on Computation Theory*, 14(1):2:1–2:??, March 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3492336.

Majewski:2024:MWI

[MMM+24] Konrad Majewski, Tomás Masarík, Jana Masaríková, Karolina Okrasa, Marcin Pilipczuk, Paweł Rzazewski, and Marek Sokołowski. Max weight independent set in graphs with no long claws: an analog of the Gyárfás' path argument. *ACM Transactions on Computation Theory*, 16(2):8:1–8:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3636422.

Magniez:2022:QDC

[MN22] Frédéric Magniez and Ashwin Nayak. Quantum distributed complexity of set disjointness on a line. *ACM Transactions on Computation Theory*, 14(1):5:1–5:22, March 2022. ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://doi.org/10.1145/3512751.

Majewski:2025:MCP

[MPS25] Konrad Majewski, Michał Pilipczuk, and Marek Sokołowski. Maintaining $CMSO_2$ properties on dynamic structures with bounded feedback vertex number. *ACM Transactions on Computation Theory*, 17(2):8:1–8:72, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Mande:2024:PDT

[MS24a] Nikhil Shekhar Mande and Swagato Sanyal. On parity decision trees for Fourier-sparse Boolean functions. *ACM Transactions on Computation Theory*, 16(2):9:1–9:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3647629.

Montanaro:2024:QCC

[MS24b] Ashley Montanaro and Changpeng Shao. Quantum communication complexity of linear regression. *ACM Transactions on Computation Theory*, 16(1): 1:1–1:??, March 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3625225.

Minahan:2018:CDI

[MV18] Daniel Minahan and Ilya Volkovich. Complete derandomization of identity testing and reconstruction of read-once formulas. *ACM Transactions on Computation Theory*, 10(3):10:1–10:??, June 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Monde:2021:CSL

[MYKM21] Akihiro Monde, Yukiko Yamauchi, Shuji Kijima, and Yamashita Masafumi. Can a skywalker localize the midpoint of a rope? *ACM Transactions on Computation Theory*, 13(3):17:1–17:23, September 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3460954.

Nguyen:2016:SPN

[NS16] Dung Nguyen and Alan L. Selman. Structural properties of nonautoreducible sets. *ACM Transactions on Computation Theory*, 8(3):11:1–11:??, May 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Nandakumar:2025:ECF

[NSV25] Satyadev Nandakumar, Akhil S., and Prateek Vishnoi. Effective continued fraction dimension versus effective Hausdorff dimension of reals. *ACM Transactions on Computation Theory*, 17(2):15:1–15:18, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Nakajima:2022:LOC

[NŽ22] Tamio-Vesa Nakajima and Stanislav Živný. Linearly ordered colourings of hypergraphs. *ACM Transactions on Computation Theory*, 14(3–4):12:1–12:??, December 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3570909.

ODonnell:2020:ENE

[O'D20] Ryan O'Donnell. Editorial from the new Editor-in-Chief. *ACM Transactions on Computation Theory*, 12(1):1e:1, February 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3381517.

Ozols:2013:QRS

[ORR13] Maris Ozols, Martin Roetteler, and Jérémie Roland. Quantum rejection sampling. *ACM Transactions on Computation Theory*, 5(3):11:1–11:??, August 2013. ISSN 1942-3454 (print), 1942-3462 (electronic). Special issue on innovations in theoretical computer science 2012.

ODonnell:2018:WCQ

[OS18] Ryan O'Donnell and A. C. Cem Say. The weakness of CTC qubits and the power of approximate counting. *ACM Transac-*

tions on Computation Theory, 10 (2):5:1–5:??, May 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

ODonnell:2014:OLB

[OWZ14] Ryan O'Donnell, Yi Wu, and Yuan Zhou. Optimal lower bounds for locality-sensitive hashing (except when q is tiny). *ACM Transactions on Computation Theory*, 6(1):5:1–5:??, March 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

ODonnell:2015:HMM

[OWZ15] Ryan O'Donnell, Yi Wu, and Yuan Zhou. Hardness of Max-2Lin and Max-3Lin over integers, reals, and large cyclic groups. *ACM Transactions on Computation Theory*, 7(2):9:1–9:??, May 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Pagh:2013:CMM

[Pag13] Rasmus Pagh. Compressed matrix multiplication. *ACM Transactions on Computation Theory*, 5(3):9:1–9:??, August 2013. ISSN 1942-3454 (print), 1942-3462 (electronic). Special issue on innovations in theoretical computer science 2012.

Pallavoor:2018:PPT

[PRV18] Ramesh Krishnan S. Pallavoor, Sofya Raskhodnikova, and Nithin Varma. Parameterized property testing of functions. *ACM Transactions on Computation Theory*, 9(4):17:1–17:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Podolskii:2020:IPS

[PS20] Vladimir V. Podolskii and Alexander A. Sherstov. Inner product and set disjointness: Beyond logarithmically many parties. *ACM Transactions on Computation Theory*, 12(4):26:1–26:28, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3428671`.

Purdy:2011:LBC

[Pur11] Eric Purdy. Lower bounds for coin-weighing problems. *ACM Transactions on Computation Theory*, 2(2):3:1–3:??, March 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Pass:2012:PRT

[PV12a] Rafael Pass and Muthuramakrishnan Venkitasubramaniam. A parallel repetition theorem for constant-round Arthur–Merlin proofs. *ACM Transactions on Computation Theory*, 4(4):10:1–10:??, November 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Penna:2012:CRM

[PV12b] Paolo Penna and Carmine Ventre. Collusion-resistant mechanisms with verification yielding optimal solutions. *ACM Transactions on Computation Theory*, 4

(2):6:1–6:??, May 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Pilipczuk:2018:DMW

[PW18a] Marcin Pilipczuk and Magnus Wahlström. Directed multicut is $W[1]$-hard, even for four terminal pairs. *ACM Transactions on Computation Theory*, 10(3): 13:1–13:??, June 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Pilipczuk:2018:SEA

[PW18b] Michal Pilipczuk and Marcin Wrochna. On space efficiency of algorithms working on structural decompositions of graphs. *ACM Transactions on Computation Theory*, 9(4):18:1–18:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Razborov:2009:SPB

[Raz09] Alexander Razborov. A simple proof of Bazzi's Theorem. *ACM Transactions on Computation Theory*, 1(1):3:1–3:??, February 2009. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Rosenkrantz:2024:SDS

[RMRS24] Daniel J. Rosenkrantz, Madhav V. Marathe, S. S. Ravi, and Richard E. Stearns. Synchronous dynamical systems on directed acyclic graphs: Complexity and algorithms. *ACM Transactions on Computation Theory*, 16(2): 11:1–11:??, June 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3653723`.

Rosenbaum:2020:BGE

[Ros20] David J. Rosenbaum. Beating the generator-enumeration bound for solvable-group isomorphism. *ACM Transactions on Computation Theory*, 12(2): 12:1–12:18, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3389396`.

Ramya:2019:LBS

[RR19] C. Ramya and B. V. Raghavendra Rao. Lower bounds for sum and sum of products of read-once formulas. *ACM Transactions on Computation Theory*, 11 (2):10:1–10:??, April 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3313232`.

Ron:2022:ODF

[RR22] Dana Ron and Asaf Rosin. Optimal distribution-free sample-based testing of subsequence-freeness with one-sided error. *ACM Transactions on Computation Theory*, 14(1):4:1–4:??, March 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3512750`.

Ron:2012:AIM

[RRS+12] Dana Ron, Ronitt Rubinfeld, Muli Safra, Alex Samorodnitsky, and Omri Weinstein. Approximating the influence of monotone Boolean functions in $O(\sqrt{n})$ query complexity. *ACM Transactions on Computation Theory*, 4(4):11:1–11:??, November 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ron:2013:ANR

[RT13] Dana Ron and Gilad Tsur. On approximating the number of relevant variables in a function. *ACM Transactions on Computation Theory*, 5(2):7:1–7:??, July 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Ron:2016:PEH

[RT16] Dana Ron and Gilad Tsur. The power of an example: Hidden set size approximation using group queries and conditional sampling. *ACM Transactions on Computation Theory*, 8(4):15:1–15:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Razborov:2013:RA

[RV13] Alexander Razborov and Emanuele Viola. Real advantage. *ACM Transactions on Computation Theory*, 5(4):17:1–17:??, November 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Regev:2015:QXG

[RV15] Oded Regev and Thomas Vidick. Quantum XOR games. *ACM Transactions on Computation Theory*, 7(4):15:1–15:??, September 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Rahman:2020:CUC

[RW20] Md Lutfar Rahman and Thomas Watson. Complexity of unordered CNF games. *ACM Transactions on Computation Theory*, 12(3):18:1–18:18, July 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3397478`.

Schlotter:2025:MUP

[SC25] Ildikó Schlotter and Ágnes Cseh. Maximum-utility popular matchings with bounded instability. *ACM Transactions on Computation Theory*, 17(1):6:1–6:35, March 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Schmitz:2016:CHB

[Sch16] Sylvain Schmitz. Complexity hierarchies beyond elementary. *ACM Transactions on Computation Theory*, 8(1):3:1–3:??, February 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Schmid:2017:FCS

[Sch17] Markus L. Schmid. Finding consensus strings with small length difference between input and solution strings. *ACM Transactions on Computation Theory*, 9(3): 13:1–13:??, October 2017. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Scheder:2019:PMB

[Sch19] Dominik Scheder. PPSZ for $k \geq 5$: More is better. *ACM Transactions on Computation Theory*, 11 (4):25:1–25:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3349613.

Smyth:2011:AQC

[Smy11] Clifford Smyth. Approximate query complexity. *ACM Transactions on Computation Theory*, 3(1):3:1–3:??, August 2011. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Srinivasan:2020:SES

[Sri20] Srikanth Srinivasan. Strongly exponential separation between monotone VP and monotone VNP. *ACM Transactions on Computation Theory*, 12(4):23:1–23:12, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3417758.

Singer:2022:PHI

[SS22] Noah Singer and Madhu Sudan. Point-hyperplane incidence geometry and the log-rank conjecture. *ACM Transactions on Computation Theory*, 14(2):7:1–7:??, June 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/doi/10.1145/3543684.

Schoenebeck:2019:BWC

[ST19] Grant Schoenebeck and Biaoshuai Tao. Beyond worst-case (in)approximability of nonsubmodular influence maximization. *ACM Transactions on Computation Theory*, 11(3):12:1–12:??, June 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3313904.

Saha:2024:HSO

[ST24] Chandan Saha and Bhargav Thankey. Hitting sets for orbits of circuit classes and polynomial families. *ACM Transactions on Computation Theory*, 16(3):14:1–14:50, September 2024. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Stankovic:2025:SRA

[Sta25] Aleksa Stankovic. Some results on approximability of minimum sum vertex cover. *ACM Transactions on Computation Theory*, 17 (2):11:1–11:28, June 2025. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Srinivasan:2020:DVR

[STV20] Srikanth Srinivasan, Utkarsh Tripathi, and S. Venkitesh. Decoding variants of Reed–Muller codes over finite grids. *ACM Transactions on Computation Theory*, 12(4):25:1–25:11, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3417754`.

Schoenebeck:2012:CCN

[SV12] Grant R. Schoenebeck and Salil Vadhan. The computational complexity of Nash equilibria in concisely represented games. *ACM Transactions on Computation Theory*, 4(2):4:1–4:??, May 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Sun:2014:ECN

[SZ14] Shu-Ming Sun and Ning Zhong. On effective convergence of numerical solutions for differential equations. *ACM Transactions on Computation Theory*, 6(1):4:1–4:??, March 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Tani:2012:EQA

[TKM12] Seiichiro Tani, Hirotada Kobayashi, and Keiji Matsumoto. Exact quantum algorithms for the leader election problem. *ACM Transactions on Computation Theory*, 4(1):1:1–1:??, March 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Teutsch:2015:ADM

[TZ15] Jason Teutsch and Marius Zimand. On approximate decidability of minimal programs. *ACM Transactions on Computation Theory*, 7(4):17:1–17:??, September 2015. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Thapper:2018:LSR

[TZ18] Johan Thapper and Stanislav Zivný. The limits of SDP relaxations for general-valued CSPs. *ACM Transactions on Computation Theory*, 10(3):12:1–12:??, June 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Valiant:2014:ERF

[Val14] Paul Valiant. Evolvability of real functions. *ACM Transactions on Computation Theory*, 6(3):12:1–12:??, July 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Viderman:2013:LTD

[Vid13] Michael Viderman. Linear-time decoding of regular expander codes. *ACM Transactions on Computation Theory*, 5(3):10:1–10:??, August 2013. ISSN 1942-3454 (print), 1942-3462 (electronic). Special issue on innovations in theoretical computer science 2012.

Viola:2016:QMH

[Vio16] Emanuele Viola. Quadratic maps are hard to sample. *ACM Transactions on Computation Theory*, 8(4):18:1–18:??, July 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Viola:2019:CEP

[Vio19] Emanuele Viola. Constant-error pseudorandomness proofs from hardness require majority. *ACM Transactions on Computation Theory*, 11(4):19:1–19:??, September 2019. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3322815`.

Viola:2021:AU

[Vio21] Emanuele Viola. AC0 unpredictability. *ACM Transactions on Computation Theory*, 13(1): 5:1–5:8, March 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3442362`.

Volk:2022:PDB

[VK22] Ben Lee Volk and Mrinal Kumar. A polynomial degree bound on equations for non-rigid matrices and small linear circuits. *ACM Transactions on Computation Theory*, 14(2):6:1–6:??, June 2022. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3543685`.

Vlassis:2012:CCS

[VLB12] Nikos Vlassis, Michael L. Littman, and David Barber. On the computational complexity of stochastic controller optimization in POMDPs. *ACM Transactions on Computation Theory*, 4(4):12:1–12:??, November 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Volkovich:2016:CAR

[Vol16] Ilya Volkovich. Characterizing arithmetic read-once formulae. *ACM Transactions on Computation Theory*, 8(1):2:1–2:??, February 2016. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Watson:2012:RWW

[Wat12] Thomas Watson. Relativized worlds without worst-case to average-case reductions for NP. *ACM Transactions on Computation Theory*, 4(3):8:1–8:??, September 2012. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Watson:2014:ALB

[Wat14] Thomas Watson. Advice lower bounds for the dense model theorem. *ACM Transactions on Computation Theory*, 7(1):1:1–1:??, December 2014. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Watson:2018:CCS

[Wat18] Thomas Watson. Communication complexity of statistical distance. *ACM Transactions on Computation Theory*, 10(1):2:1–2:??, January 2018. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Watson:2020:QSM

[Wat20a] Thomas Watson. Quadratic simulations of Merlin–Arthur games. *ACM Transactions on Computation Theory*, 12(2):14:1–14:11, May 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3389399`.

Watson:2020:ZNL

[Wat20b] Thomas Watson. A ZPP NP[1] lifting theorem. *ACM Transactions on Computation Theory*, 12(4):27:1–27:20, December 2020. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3428673`.

Williams:2013:ATP

[Wil13] Ryan Williams. Alternation-trading proofs, linear programming, and lower bounds. *ACM Transactions on Computation Theory*, 5(2):6:1–6:??, July 2013. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Cai:2021:TLD

[yCG21] Jin yi Cai and Artem Govorov. On a theorem of Lovász that $(\cdot, H)$ determines the isomorphism type of H. *ACM Transactions on Computation Theory*, 13 (2):11:1–11:25, June 2021. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3448641`.

Yin:2010:CPP

[Yin10] Yitong Yin. Cell-probe proofs. *ACM Transactions on Computation Theory*, 2(1):1:1–1:??, November 2010. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic).

Zehavi:2023:FCM

[Zeh23] Meirav Zehavi. Forgetfulness can make you faster: an $O*(8.097^k)$-time algorithm for weighted 3-set k-packing. *ACM Transactions on Computation Theory*, 15(3–4): 6:1–6:??, December 2023. CODEN ???? ISSN 1942-3454 (print), 1942-3462 (electronic). URL `https://dl.acm.org/doi/10.1145/3599722`.