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[270, 53, 118, 4, 140, 137, 147, 134]. **set-to-set** [134]. **sets** [133, 119, 61, 170, 174, 39]. **settings** [75]. **SGD** [117]. **shaped** [202]. **sharing** [65, 190, 7]. **Shell** [148]. **short** [279]. **shortest** [188, 52]. **should** [213]. **side** [65]. **side-sharing** [65]. **Sign** [74]. **Sign-then-encrypt** [74]. **signature** [141, 182]. **signatures** [155]. **signed** [218]. **Similarity** [277, 68]. **simple** [188, 151]. **sink** [193]. **size** [207, 123, 250, 280]. **size-change** [250]. **sizes** [254, 17]. **small** [207, 198, 140, 31]. **small-size** [207]. **Smyth** [161]. **Smyth-completes** [161]. **social** [10, 138]. **soft** [75]. **soft-max** [75]. **Software** [1, 41]. **solution** [109]. **solutions** [212]. **Solving** [170, 229, 32]. **Some** [175]. **sort** [148, 19]. **Sorting** [29]. **space** [72]. **spanners** [18, 289]. **Spanning** [121, 286, 169, 3, 2, 140, 49, 247, 96]. **sparse** [126]. **spatial** [181]. **Special** [197]. **specified** [55]. **speed** [55]. **spending** [269]. **sphere** [12]. **spiking** [222]. **spin** [82]. **split** [278]. **square** [273]. **squares** [27, 30]. **stability** [66, 218]. **stabilizing** [189]. **Stable** [217]. **stamp** [115]. **standard** [141]. **star** [192]. **state** [183]. **statistics** [106]. **stimuli** [25]. **stochastic** [10]. **strategies** [157, 174]. **strikes** [88]. **string** [231, 146]. **strings** [288]. **strong** [61]. **stronger** [97]. **strongly** [99]. **Structural** [43, 60]. **Structure** [223, 211]. **structured** [194]. **structures** [241]. **subclasses** [120, 6]. **Subgraph** [286, 3, 2, 182]. **submodular** [266]. **subnetwork** [19]. **subquadratic** [139]. **Subsequence** [209, 242]. **subsequences** [288, 171]. **Subset** [37, 130]. **sum** [93, 207]. **Super** [96]. **Suppes** [150]. **surjectivity** [210]. **surjunctivity** [217]. **sweep** [252]. **symbolic** [237]. **symmetric** [198, 172, 266]. **synchronisation** [212]. **synchronous** [259]. **Synergistic** [13]. **systems** [55, 260, 82, 256, 222, 104, 83, 7]. **tables** [238]. **tailed** [110]. **takes** [210]. **tandems** [65]. **targets** [252]. **Task** [253]. **tasks** [107, 103]. **TCS** [281, 282, 197]. **Telephone** [257]. **temporal** [267, 228]. **tensors** [172]. **terminal** [140]. **Termination** [87, 250]. **terms** [192]. **Theor** [3]. **Theoretical** [187, 286, 41, 180]. **theory** [48, 194, 100]. **thief** [11]. **threshold** [218]. **throughput** [230, 219]. **Time** [16, 239, 252, 170, 172, 99]. **time-sensitive** [252]. **Tolerance** [34]. **tolerant** [184, 50]. **toric** [48]. **tournaments** [31]. **Towering** [187]. **tractable** [121]. **transducer** [128]. **transform** [73]. **transformations** [180, 40]. **transition** [86]. **transitive** [243]. **transitive-free** [243]. **translocation** [64]. **Transparency** [165]. **tree** [289, 60, 140, 247, 175, 121]. **tree-coloring** [175]. **trees** [49, 290, 200, 279, 8]. **treewidth** [188, 198, 257]. **triangular** [16]. **Tribute** [187]. **Truthful** [33]. **Turing** [201]. **two** [288, 33, 273, 257]. **two-facility** [33]. **type** [100].

UAV [252]. **UAV-based** [252]. **unbounded** [123, 287]. **unconditional** [141]. **undirected** [218]. **Unfolding** [183]. **unit** [27]. **universal** [255]. **Unpaired** [134]. **unrelated** [230]. **unsolvability** [150]. **updating** [213]. **used** [32]. **Using** [1, 41, 123, 259, 212, 181]. **utilities** [190].

validity [150]. **valued** [201]. **variable** [214]. **variables** [95, 183]. **variants** [21]. **varietal** [111]. **vector** [123, 171]. **vehicle** [234]. **vehicular** [18]. **Verifiable** [7]. **Vertex** [220, 49, 93, 130, 225, 43]. **Vertex-critical** [220]. **Vertex-independent** [49]. **vertices** [289, 53]. **via** [36, 122, 138]. **Visibility** [122, 154, 54, 50]. **visible** [252]. **voters** [163]. **voting** [42]. **vs** [165].

wait [213]. **wallets** [155]. **way** [63]. **weak** [276]. **weight** [133, 88]. **Weighted**

[162, 230]. **welfare** [264]. **Wheeler** [73]. **width** [255]. **within** [202]. **without** [50]. **words** [47, 48, 209, 268]. **Worst** [269]. **Worst-case** [269].

Yoneda [161]. **Yoneda-completes** [161].

zero [179, 182]. **zero-knowledge** [179].

References

Latha:2023:OSA

[1] V. L. Padma Latha, N. Sudhakar Reddy, and A. Suresh Babu. Optimizing scalability and availability of cloud based software services using modified scale rate limiting algorithm. *Theoretical Computer Science*, 943(??): 230–240, January 17, 2023. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397522004418`. See retraction notice [41].

Civril:2023:NAA

[2] A. Çivril. A new approximation algorithm for the minimum 2-edge-connected spanning subgraph problem. *Theoretical Computer Science*, 943(??): 121–130, January 17, 2023. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397522007368`. See corrigendum [3] and retraction notice [286].

Civril:2023:CNA

[3] A. Çivril. Corrigendum to "A new approximation algorithm for the minimum 2-edge-connected spanning subgraph problem" [Theor. Comput. Sci. **943** (2023) 121–130]. *Theoretical Computer Science*, 963(??):??, June 26, 2023. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397523002396`. See [2].

Dimant:2025:APS

[4] Shai Michael Dimant and Sven O. Krumke. On approximating partial scenario set cover. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005085`.

Li:2025:EPC

[5] Chengmin Li, Hong Bian, and Haizheng Yu. Extremal polyphenyl chains with respect to the Kirchhoff index. *Theoretical Computer Science*, 1023 (??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005103`.

Panda:2025:ICS

[6] B. S. Panda and Rumki Ghosh. Injective coloring of subclasses of chordal graphs. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005115`.

Zhao:2025:VAB

[7] Jie Zhao, Hejiao Huang, Yongliang Xu, Xiaojun Zhang, Hongwei Du, and Chao Huang. Verifiable attribute-based multi-keyword search scheme with sensitive information hiding for cloud-assisted e-healthcare sharing systems. *Theoretical Computer Science*, 1023 (??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005127`.

Yuan:2025:ADT

[8] Jing Yuan and Shaojie Tang. Approximating decision trees with priority hypotheses. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005139`.

Li:2025:DPF

[9] Yifei Li, Ruixi Huang, Hao Ye, Hejiao Huang, and Hongwei Du. Dynamic path finding for multi-load agent pickup and delivery problem. *Theoretical Computer Science*, 1023 (??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005140`.

Zhu:2025:EAS

[10] Jianming Zhu, Ye Xing, Runzhi Li, Smita Ghosh, Priyanshi Garg, and Weili Wu. Efficient algorithm for stochastic rumor blocking problem in social networks during safety accident period. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005152`.

Bloch-Hansen:2025:ATO

[11] Andrew Bloch-Hansen, Roberto Solis-Oba, and Daniel R. Page. Algorithms for the thief orienteering problem on directed acyclic graphs. *Theoretical Computer Science*, 1023 (??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005176`.

Zhang:2025:AAF

[12] Kaiqi Zhang, Siyuan Zhang, Jirun Gao, Hongzhi Wang, Hong Gao, and Jianzhong Li. Approximation algorithms for finding maximum containing circle and sphere. *Theoretical Computer Science*, 1023(??): ??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005188`.

Cachin:2025:SK

[13] Christian Cachin, David Lehnherr, and Thomas Studer. Synergistic knowledge. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030439752400519X`.

Ge:2025:PRD

[14] Steven Ge and Toshiya Itoh. Popularity on the roommate diversity problem. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005206.

Docker:2025:EFO

[15] Janosch Döcker and Simone Linz. On the existence of funneled orientations for classes of rooted phylogenetic networks. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005255.

Goswami:2025:TOG

[16] Pritam Goswami, Avisek Sharma, Satakshi Ghosh, and Buddhadeb Sau. Time optimal gathering of myopic robots on an infinite triangular grid. *Theoretical Computer Science*, 1023 (??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005474.

Liu:2025:RHD

[17] Yin Liu, Austen Z. Fan, and Jin-Yi Cai. Restricted Holant dichotomy on domain sizes 3 and 4. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005486.

Bereg:2025:CRB

[18] Sergey Bereg, Yuya Higashikawa, Naoki Katoh, Junichi Teruyama, Yuki Tokuni, and Binhai Zhu. Constructing red-black spanners for mixed-charging vehicular networks. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005498.

Meng:2025:DDS

[19] Kaiyue Meng and Yuxing Yang. Double declined subnetwork reliability analysis in bubble-sort networks under node fault model. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005589.

Chakraborty:2025:PPO

[20] Abhinav Chakraborty and Krishnendu Mukhopadhyaya. Parking problem by oblivious mobile robots in infinite grids. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030439752400570X.

Arun:2025:GKN

[21] Srinivas Arun. Geography, Kotzig's Nim, and variants. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005747.

Anonymous:2025:EBa

[22] Anonymous. Editorial Board. *Theoretical Computer Science*, 1023(??): ??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524006091`.

Anonymous:2025:Ja

[23] Anonymous. 1 January 2025. *Theoretical Computer Science*, 1023(??):??, January 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Aracena:2025:DED

[24] Julio Aracena, Luis Cabrera-Crot, Adrien Richard, and Lilian Salinas. Dynamically equivalent disjunctive networks. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005164`.

Oh:2025:ACR

[25] Shunhao Oh, Dana Randall, and Andréa W. Richa. Adaptive collective responses to local stimuli in anonymous dynamic networks. *Theoretical Computer Science*, 1024(??): ??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005218`.

Ibarra:2025:DPC

[26] Oscar H. Ibarra and Ian McQuillan. On decision problems concerning contextual insertions and deletions. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030439752400522X`.

Durocher:2025:AAM

[27] Stephane Durocher, J. Mark Keil, and Debajyoti Mondal. Approximation algorithms for minimum ply covering of points with unit squares and unit disks. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005231`.

Lafond:2025:PPP

[28] Manuel Lafond and Vincent Moulton. Path partitions of phylogenetic networks. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005243`.

Fertin:2025:SGP

[29] Guillaume Fertin, Géraldine Jean, and Anthony Labarre. Sorting genomes by prefix double-cut-and-joins. *Theoretical Computer Science*, 1024(??): ??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005267`.

Wu:2025:PSI

[30] Wei Wu, Hiroki Numaguchi, Nir Halman, Yannan Hu, and Mutsunori Yagiura. Packing squares independently. *Theoretical Computer Science*, 1024 (??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005279`.

Yuster:2025:FCS

[31] Raphael Yuster. Finding and counting small tournaments in large tournaments. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005280`.

Samaniego:2025:FPD

[32] Cristóbal Samaniego and Guillaume Houzeaux. A formalization of parallel data exchange algorithms used by numerical methods for solving partial differential equations. *Theoretical Computer Science*, 1024(??): ??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005292`.

Kanellopoulos:2025:TTF

[33] Panagiotis Kanellopoulos, Alexandros A. Voudouris, and Rongsen Zhang. Truthful two-facility location with candidate locations. *Theoretical Computer Science*, 1024(??): ??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005309`.

Gupta:2025:TAA

[34] Arya Tanmay Gupta and Sandeep S. Kulkarni. Tolerance to asynchrony in algorithms for multiplication and modulo. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005310`.

Amir:2025:PPP

[35] Talley Amir and James Aspnes. Privacy in population protocols with probabilistic scheduling. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005437`.

Li:2025:EHR

[36] Xiao-Yan Li, Zhaoding Lin, Hongbin Zhuang, and Jou-Ming Chang. Enabling high reliability via matroidal connectivity and conditional matroidal connectivity on arrangement graph networks. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005449`.

Benoist:2025:ESM

[37] Emile Benoist, Guillaume Fertin, and Géraldine Jean. The Exact Subset MultiCover problem. *Theoret-*

ical Computer Science, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030439752400553X.

Pin:2025:EDB

[38] Jean-Éric Pin. Euclidean division by d in base b. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005541.

Singh:2025:CML

[39] Barkha Singh, Sreedevi Indu, and Sudipta Majumdar. Comparison of machine learning algorithms for classification of Big Data sets. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005553.

delaTour:2025:APT

[40] Thierry Boy de la Tour. Algebraic properties and transformations of monographs. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005565.

Latha:2025:RNO

[41] V. L. Padma Latha, N. Sudhakar Reddy, and A. Suresh Babu. Retraction notice to "Optimizing Scalability and Availability of Cloud Based Software Services Using Modified Scale Rate Limiting Algorithm" [Theoretical computer science **943** (2023) 230–240]. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005619. See [1].

Chierichetti:2025:IOI

[42] Flavio Chierichetti. Instance-optimal information-based voting. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005620.

Gima:2025:SPV

[43] Tatsuya Gima, Tesshu Hanaka, Yasuaki Kobayashi, Ryota Murai, Hirotaka Ono, and Yota Otachi. Structural parameterizations of vertex integrity. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005711.

Anonymous:2025:EBb

[44] Anonymous. Editorial Board. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524006170.

Anonymous:2025:Jb

[45] Anonymous. 12 January 2025. *Theoretical Computer Science*, 1024(??):??, January 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Delporte-Gallet:2025:DCA

[46] Carole Delporte-Gallet, Hugues Fauconnier, Pierre Fraigniaud, and Mikaël Rabie. Distributed computing in the asynchronous LOCAL model. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005693`.

Anselmo:2025:DAW

[47] Marcella Anselmo, Manuela Flores, and Maria Madonia. Density of k-ary words with $0, 1, 2$-error overlaps. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005759`.

Berthe:2025:MTT

[48] Valérie Berthé, Toghrul Karimov, Joris Nieuwveld, Joël Ouaknine, Mihir Vahanwala, and James Worrell. The monadic theory of toric words. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005760`.

He:2025:VIS

[49] Qi He, Yan Wang, Jianxi Fan, and Baolei Cheng. Vertex-independent spanning trees in complete Josephus cubes. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005863`.

Pramanick:2025:FTM

[50] Subhajit Pramanick, Saswata Jana, and Partha Sarathi Mandal. Fault-tolerant mutual visibility without any axis agreement in presence of mobility failure. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005875`.

Panolan:2025:MSC

[51] Fahad Panolan and Hannane Yaghoubizade. On MAX–SAT with cardinality constraint. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005887`.

Kasperski:2025:ASP

[52] Adam Kasperski and Paweł Zieliński. Approximating the shortest path problem with scenarios. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304397524005899`.

Damaschke:2025:CPN

[53] Peter Damaschke, Fredrik Ekstedt, and Raad Salman. On central placements of new vertices in a planar point set. *Theoretical Computer Science*, 1025 (??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005905.

DiLuna:2025:GCL

[54] Giuseppe Antonio Di Luna, Ryuhei Uehara, Giovanni Viglietta, and Yukiko Yamauchi. Gathering on a circle with limited visibility by anonymous oblivious robots. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524005917.

Anderson:2025:CMA

[55] David F. Anderson and Badal Joshi. Chemical mass–action systems as analog computers: Implementing arithmetic computations at specified speed. *Theoretical Computer Science*, 1025 (??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524006005.

Bensmail:2025:ADC

[56] Julien Bensmail, Hervé Hocquard, and Clara Marcille. Adding direction constraints to the 1–2–3 Conjecture. *Theoretical Computer Science*, 1025 (??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524006029.

Anonymous:2025:EBc

[57] Anonymous. Editorial Board. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304397524006340.

Anonymous:2025:Fa

[58] Anonymous. 2 February 2025. *Theoretical Computer Science*, 1025(??):??, February 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Abboud:2025:FGR

[59] Elie Abboud and Noga Ron-Zewi. Finer-grained reductions in fine-grained hardness of approximation. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524005930.

Gima:2025:DTM

[60] Tatsuya Gima, Soh Kumabe, Kazuhiro Kurita, Yuto Okada, and Yota Otachi. Dichotomies for tree minor containment with structural parameters. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006017.

Guo:2025:TSR

[61] Hongjie Guo, Jianzhong Li, and Hong Gao. Towards strong regret minimization sets: Balancing freshness and diversity in data selection. *Theoretical Computer Science*, 1026(??): ??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006030.

Chen:2025:APB

[62] Shuzhen Chen, Yuan Yuan, Youming Tao, Tianzhu Wang, Zhipeng Cai, and Dongxiao Yu. Adaptive pruning-based Newton's method for distributed learning. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006042.

Kakimura:2025:DPD

[63] Naonori Kakimura and Tomohiro Nakayoshi. Deterministic primal-dual algorithms for online k-way matching with delays. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006054.

Constantin:2025:EAA

[64] Maria Constantin and Alexandru Popa. Exact and approximation algorithms for the contiguous translocation distance problem. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006200.

Marcus:2025:EIS

[65] Shoshana Marcus, Dina Sokol, and Sarah Zelikovitz. Exact and inexact search for 2d side-sharing tandems. *Theoretical Computer Science*, 1026 (??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006224.

Bonifaci:2025:ERA

[66] Vincenzo Bonifaci and Helena Rivera Dallorto. Egalitarian roommate allocations: Complexity and stability. *Theoretical Computer Science*, 1026 (??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006261.

Kobayashi:2025:EAI

[67] Yusuke Kobayashi, Ryoga Mahara, and Souta Sakamoto. EFX allocations for indivisible chores: Matching-based approach. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006273.

Barrett:2025:SSC

[68] Jordan Barrett, Bogumił Kamiński, Paweł Prałat, and François Théberge. Self-similarity of communities of the ABCD model. *Theoretical Computer Science*, 1026(??):??, February 12,

2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006297.

Palagiri:2025:CIC

[69] Venkata Subba Reddy Palagiri, Guru Pratap Sharma, and Ismael G. Yero. Complexity issues concerning the quadruple Roman domination problem in graphs. *Theoretical Computer Science*, 1026 (??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006303.

Anonymous:2025:EBd

[70] Anonymous. Editorial Board. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006595.

Anonymous:2025:Fb

[71] Anonymous. 12 February 2025. *Theoretical Computer Science*, 1026(??):??, February 12, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Liang:2025:DAL

[72] Ting Liang, Xiaoliang Wu, Jinhui Xu, and Qilong Feng. The distributed algorithms for the lower-bounded k-center clustering in metric space. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524005929.

Biagi:2025:NEL

[73] Elena Biagi, Davide Cenzato, Zsuzsanna Lipták, and Giuseppe Romana. On the number of equal-letter runs of the bijective Burrows–Wheeler transform. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006212.

Chen:2025:STE

[74] Yanbo Chen and Yunlei Zhao. Sign-then-encrypt with security enhancement and compressed ciphertext. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006236.

Bernasconi:2025:EDS

[75] Martino Bernasconi, Federico Cacciamani, Simone Fioravanti, Nicola Gatti, and Francesco Trovò. The evolutionary dynamics of soft-max policy gradient in multi-agent settings. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006285.

Haase:2025:LAP

[76] Carolina Haase and Philipp Kindermann. On layered area-proportional

rectangle contact representations. *Theoretical Computer Science*, 1027(??): ??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006388.

Pan:2025:NFR

[77] Victor Y. Pan, Soo Go, Qi Luan, and Liang Zhao. A new fast root-finder for black box polynomials. *Theoretical Computer Science*, 1027(??): ??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752400639X.

Yao:2025:ISD

[78] Guangyu Yao, Nan Zhang, Zhenhua Duan, and Cong Tian. Improved SARSA and DQN algorithms for reinforcement learning. *Theoretical Computer Science*, 1027(??): ??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752400642X.

Dabas:2025:FAC

[79] Rajni Dabas, Neelima Gupta, and Tanmay Inamdar. FPT approximation for capacitated clustering with outliers. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006431.

Anonymous:2025:EBe

[80] Anonymous. Editorial Board. *Theoretical Computer Science*, 1027(??): ??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006765.

Anonymous:2025:Fc

[81] Anonymous. 19 February 2025. *Theoretical Computer Science*, 1027(??):??, February 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Bai:2025:CFS

[82] Zonglei Bai, Yongzhi Cao, and Hanpin Wang. The complexity of ferromagnetic 2-spin systems on bounded degree graphs. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524005577.

Wang:2025:GND

[83] Mu-Jiang-Shan Wang, Dong Xiang, and Sun-Yuan Hsieh. G-good-neighbor diagnosability under the modified comparison model for multiprocessor systems. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006443.

Friedetzky:2025:PSI

[84] Tom Friedetzky, David C. Kutner, George B. Mertzios, Iain A. Stewart, and Amitabh Trehan. Payment

scheduling in the Interval Debt Model. *Theoretical Computer Science*, 1028 (??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006455.

Fernau:2025:PPP

[85] Henning Fernau, Florent Foucaud, Kevin Mann, Utkarsh Padariya, and Rajath Rao K. N. Parameterizing path partitions. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006467.

dAmore:2025:PTM

[86] Francesco d'Amore and Isabella Ziccardi. Phase transition of the 3-majority opinion dynamics with noisy interactions. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006479.

Barile:2025:TRR

[87] Adriano Barile, Stefano Berardi, and Luca Roversi. Termination of rewriting on reversible Boolean circuits as a free 3-category problem. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006480.

Manurangsi:2025:IFA

[88] Pasin Manurangsi. Improved FPT approximation scheme and approximate kernel for biclique-free max k-weight SAT: Greedy strikes back. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006509.

Tsur:2025:FPA

[89] Dekel Tsur. Faster parameterized algorithm for r-pseudoforest deletion. *Theoretical Computer Science*, 1028 (??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006510.

Wang:2025:AHD

[90] Po Yuan Wang, Naoki Kitamura, Taisuke Izumi, and Toshimitsu Masuzawa. Approximation hardness of domination problems on generalized convex graphs. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006522.

Anonymous:2025:EBf

[91] Anonymous. Editorial Board. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000064.

Anonymous:2025:Fd

[92] Anonymous. 28 February 2025. *Theoretical Computer Science*, 1028(??):??, February 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Aute:2025:PAM

[93] Shubhada Aute and Fahad Panolan. Parameterized algorithms for minimum sum vertex cover. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006492`.

Bensmail:2025:HIG

[94] Julien Bensmail, Malory Marin, Leandro Montero, and Alexandre Talon. Highly irregular graph decompositions. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006534`.

Peng:2025:FEA

[95] Junqiang Peng and Mingyu Xiao. Fast exact algorithms for the SAT problem with bounded occurrences of variables. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006546`.

Wang:2025:SSC

[96] Xiaoqian Wang and Eminjan Sabir. Super spanning connectivity of the generalized hypercube network. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006558`.

Wang:2025:IBM

[97] Yuejun Wang, Baocang Wang, Qiqi Lai, and Yu Zhan. Identity-based matchmaking encryption with stronger security and instantiation on lattices. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006650`.

Zhao:2025:AAC

[98] Jingyang Zhao and Mingyu Xiao. Approximation algorithms for cycle and path partitions in complete graphs. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006662`.

Pan:2025:SPT

[99] Pengxiang Pan and Hongtao Zhu. A strongly polynomial time approximation algorithm for the min-max clustered cycle cover problem. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397524006674`.

Kapulkin:2025:ECI

[100] Krzysztof Kapulkin and Yufeng Li. Extensional concepts in intensional type theory, revisited. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006686.

Anonymous:2025:EBg

[101] Anonymous. Editorial Board. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000362.

Anonymous:2025:Ma

[102] Anonymous. 2 March 2025. *Theoretical Computer Science*, 1029(??):??, March 2, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Liu:2025:CME

[103] Wei Liu, Jian-Jia Chen, and Yongjie Yang. On the complexity of minimizing energy consumption of partitioning DAG tasks. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006649.

Pittou:2025:ABA

[104] Maria Pittou and George Rahonis. An automata-based approach for addressing erroneous behaviors and deadlocks in component-based systems. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006698.

Akram:2025:PEP

[105] Waseem Akram and Sanjeev Saxena. Point enclosure problem for homothetic polygons. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006716.

Goldwurm:2025:LDP

[106] Massimiliano Goldwurm and Marco Vignati. Large deviation properties for pattern statistics in primitive rational models. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006728.

Bonifaci:2025:FAR

[107] Vincenzo Bonifaci and Alberto Marchetti-Spaccamela. Feasibility analysis of recurrent DAG tasks is PSPACE-hard. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006790.

Xie:2025:CDC

[108] Jingnan Xie, Harry B. Hunt, and Richard E. Stearns. On the computational and descriptional complex-

ity of multi-pattern languages. *Theoretical Computer Science*, 1030(??): ??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000015.

Liu:2025:ERC

[109] Sufang Liu, Zhaoman Huang, Yueke Lv, and Chia-Wei Lee. Evaluating the reliability of complete Josephus cubes under extra link fault with the optimal solution of the edge isoperimetric problem. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000027.

Wang:2025:PLA

[110] Di Wang and Jinhui Xu. Private least absolute deviations with heavy-tailed data. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500009X.

Yang:2025:CMC

[111] Lulu Yang, Shuming Zhou, Qifan Zhang, and Guanqin Lian. The (conditional) matroidal connectivity of varietal hypercube. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000143.

Hepp:2025:OSN

[112] Henrique Hepp, Murilo V. G. da Silva, and Leandro M. Zatesko. Oracle separations for non-adaptive collapse-free quantum computing. *Theoretical Computer Science*, 1030(??): ??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000167.

Anonymous:2025:EBh

[113] Anonymous. Editorial Board. *Theoretical Computer Science*, 1030(??): ??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000465.

Anonymous:2025:Mb

[114] Anonymous. 13 March 2025. *Theoretical Computer Science*, 1030(??):??, March 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Liu:2025:RIA

[115] Bowie Liu, Dennis Wong, Chan-Tong Lam, and Marcus Im. Recursive and iterative approaches to generate rotation Gray codes for stamp foldings and semi-meanders. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397524006704.

Deng:2025:OMP

[116] Xiaotie Deng, Dongchen Li, and Hanyu Li. On the optimal mixing problem of

approximate Nash equilibria in bimatrix games. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000106.

Attiya:2025:AFD

[117] Hagit Attiya and Noa Schiller. Asynchronous fully-decentralized SGD in the cluster-based model. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000118.

Das:2025:MIS

[118] Raja Das, Avisek Sharma, and Buddhadeb Sau. Maximum independent set formation on a finite grid by myopic robots. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000155.

Das:2025:MAG

[119] Tapas Das, Florent Foucaud, Clara Marcille, P. D. Pavan, and Sagnik Sen. Monitoring arc-geodetic sets of oriented graphs. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000179.

Bhyravarapu:2025:CFC

[120] Sriram Bhyravarapu, Subrahmanyam Kalyanasundaram, and Rogers Mathew. Conflict-free coloring on subclasses of perfect graphs and bipartite graphs. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000180.

Barros:2025:CFS

[121] Bruno José S. Barros, Luiz Satoru Ochi, Rian Gabriel S. Pinheiro, and Uéverton S. Souza. On Conflict-Free Spanning Tree: Mapping tractable and hard instances through the lenses of graph classes. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000192.

Vaezi:2025:VER

[122] Arash Vaezi, Bodhayan Roy, and Mohammad Ghodsi. Visibility extension via reflection. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000210.

Dutta:2025:SDC

[123] Subhranil Dutta, Ratna Dutta, and Sourav Mukhopadhyay. Securing data in the cloud using pairing-free inner product functional encryption with unbounded vector size. *Theoretical Computer Science*, 1031(??):

??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000234.

Anonymous:2025:EBi

[124] Anonymous. Editorial Board. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000544.

Anonymous:2025:Mc

[125] Anonymous. 21 March 2025. *Theoretical Computer Science*, 1031(??):??, March 21, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Cohen:2025:PLR

[126] Keren Cohen. Powers of low rank sparse matrices. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000209.

Gale:2025:CMO

[127] Ella Gale, Leo Lobski, and Fabio Zanasi. A categorical model for organic chemistry. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000222.

Franklin:2025:CCC

[128] Johanna N. Y. Franklin, Rupert Hölzl, Alexander Melnikov, Keng Meng Ng, and Daniel Turetsky. Computable classifications of continuous, transducer, and regular functions. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000246.

Gadouleau:2025:LPC

[129] Maximilien Gadouleau, George B. Mertzios, and Viktor Zamaraev. Linear Programming complementation. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000258.

Brettell:2025:CSV

[130] Nick Brettell, Jelle J. Oostveen, Sukanya Pandey, Daniël Paulusma, Johannes Rauch, and Erik Jan van Leeuwen. Computing subset vertex covers in H-free graphs. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500026X.

Cyprys:2025:SMH

[131] Paweł Cyprys, Shlomi Dolev, and Shlomo Moran. Self-masking for hardening inversions. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000325.

Lu:2025:DPG

[132] Zenan Lu, Wanyue Xu, and Zhongzhi Zhang. Diagonal of pseudoinverse of graph Laplacian: Fast estimation and exact results. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000404`.

Brandstadt:2025:ISM

[133] Andreas Brandstädt, Vadim Lozin, and Raffaele Mosca. Independent sets of maximum weight beyond claw-free graphs and related problems. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000416`.

Yin:2025:USS

[134] Bai Yin, Qianru Zhou, Hai Liu, Yan Wang, Baolei Cheng, and Jianxi Fan. Unpaired set-to-set disjoint path routings in recursive match networks. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000490`.

Anonymous:2025:EBj

[135] Anonymous. Editorial Board. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000696`.

Anonymous:2025:Md

[136] Anonymous. 29 March 2025. *Theoretical Computer Science*, 1032(??):??, March 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Madireddy:2025:GRB

[137] Raghunath Reddy Madireddy, Subhas C. Nandy, and Supantha Pandit. On the geometric red–blue set cover problem. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000271`.

Zhu:2025:OMS

[138] Liwang Zhu and Zhongzhi Zhang. Opinion maximization in social networks via link recommendation. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000283`.

Bousquet:2025:SCS

[139] Nicolas Bousquet and Sébastien Zeitoun. A subquadratic certification scheme for P_5-free graphs. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000295`.

Hanaka:2025:FMS

[140] Tesshu Hanaka and Yasuaki Kobayashi. Finding a minimum spanning tree with a small non-terminal set. *Theoretical Computer Science*, 1033(??):

??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000301.

Hara:2025:LRS

[141] Keisuke Hara. A linkable ring signature scheme with unconditional anonymity in the standard model. *Theoretical Computer Science*, 1033 (??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000313.

Santo:2025:HAC

[142] José Espírito Santo and Gilda Ferreira. How to avoid the commuting conversions of IPC. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000398.

Estermann:2025:ORA

[143] Benjamin Estermann, Stefan Kramer, Roger Wattenhofer, and Kanye Ye Wang. Optimizing resource allocation: an active learning approach to iterative combinatorial auctions. *Theoretical Computer Science*, 1033 (??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000428.

Anonymous:2025:EBk

[144] Anonymous. Editorial Board. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000751.

Anonymous:2025:Aa

[145] Anonymous. 7 April 2025. *Theoretical Computer Science*, 1033(??):??, April 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Wang:2025:NQD

[146] Qisheng Wang. A note on quantum divide and conquer for minimal string rotation. *Theoretical Computer Science*, 1034(??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000581.

Michel:2025:LBG

[147] Lukas Michel and Alex Scott. Lower bounds for graph reconstruction with maximal independent set queries. *Theoretical Computer Science*, 1034(??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000593.

Hu:2025:SSE

[148] Shengrong Hu. Shell sort with expected complexity of $O(n \log_2 n)$. *Theoretical Computer Science*, 1034 (??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500060X.

Liang:2025:NCG

[149] Zihui Liang, Bakh Khoussainov, and Mingyu Xiao. Network control games played on graphs. *Theoretical Computer Science*, 1034(??): ??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000611.

Bergstra:2025:RNS

[150] Jan A. Bergstra and John V. Tucker. For rational numbers with Suppes–Ono division, equational validity is one-one equivalent with Diophantine unsolvability. *Theoretical Computer Science*, 1034(??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000623.

Dhawan:2025:FSV

[151] Abhishek Dhawan. Fast and simple $(1 + \varepsilon)\Delta$-edge-coloring of dense graphs. *Theoretical Computer Science*, 1034(??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000647.

Anonymous:2025:EBl

[152] Anonymous. Editorial Board. *Theoretical Computer Science*, 1034(??): ??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001033.

Anonymous:2025:Ab

[153] Anonymous. 22 April 2025. *Theoretical Computer Science*, 1034(??):??, April 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Bhagat:2025:MMM

[154] Subhash Bhagat, Krishnendu Mukhopadhyaya, and Rajarshi Ray. The min-move mutual visibility problem for disoriented asynchronous robots. *Theoretical Computer Science*, 1035 (??):??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000635.

Shaw:2025:PQS

[155] Surbhi Shaw and Ratna Dutta. Post-quantum secure compact deterministic wallets from isogeny-based signatures with rerandomized keys. *Theoretical Computer Science*, 1035(??): ??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000659.

Borowiecki:2025:DEG

[156] Piotr Borowiecki, Shantanu Das, Dariusz Dereniowski, and Łukasz Kuszner. Discrete evacuation in graphs with multiple exits. *Theoretical Computer Science*, 1035(??):??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000799.

DiCicco:2025:ISB

[157] Mason DiCicco, Henry Poskanzer, and Daniel Reichman. Inoculation strategies for bounded degree graphs. *Theoretical Computer Science*, 1035 (??):??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000805.

Anonymous:2025:EBm

[158] Anonymous. Editorial Board. *Theoretical Computer Science*, 1035(??):??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001094.

Anonymous:2025:Ac

[159] Anonymous. 29 April 2025. *Theoretical Computer Science*, 1035(??):??, April 29, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Zhang:2025:SDB

[160] Zizhen Zhang, Deying Li, Yongcai Wang, Wenping Chen, and Yuqing Zhu. Sequential decision based learning method for influence maximization. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000854.

Jia:2025:NSC

[161] Zhenhua Jia and Qingguo Li. Notes on Smyth-completes and local Yoneda-completes. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000866.

Gomes:2025:WCM

[162] Guilherme C. M. Gomes, Bruno P. Masquio, Paulo E. D. Pinto, Vinicius F. dos Santos, and Jayme L. Szwarcfiter. Weighted connected matchings. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000878.

Tao:2025:BER

[163] Liangde Tao, Lin Chen, Lei Xu, Weidong Shi, Md Mahabub Uz Zaman, and Ahmed Sunny. Bribery in elections with randomly selected voters: Hardness and algorithm. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500088X.

Manurangsi:2025:OMG

[164] Pasin Manurangsi and Warut Suksompong. Ordinal maximin guarantees for group fair division. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000891.

Feletti:2025:CPA

[165] Caterina Feletti, Lucia Mambretti, Carlo Mereghetti, and Beatrice Palano. Computational power of autonomous robots: Transparency vs. opaqueness. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S030439752500091X`.

Amrane:2025:CDP

[166] Amazigh Amrane, Hugo Bazille, Uli Fahrenberg, and Krzysztof Ziemiański. Closure and decision properties for higher-dimensional automata. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000945`.

Anonymous:2025:EBn

[167] Anonymous. Editorial Board. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001343`.

Anonymous:2025:Me

[168] Anonymous. 3 May 2025. *Theoretical Computer Science*, 1036(??):??, May 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Bose:2025:ESR

[169] Prosenjit Bose, Jean-Lou De Carufel, and Sandrine Njoo. The exact spanning ratio of the parallelogram Delaunay graph. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000908`.

Hellmuth:2025:SNH

[170] Marc Hellmuth and Guillaume E. Scholz. Solving NP-hard problems on GaTEx graphs: Linear-time algorithms for perfect orderings, cliques, colorings, and independent sets. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000957`.

Lingas:2025:MMM

[171] Andrzej Lingas and Mia Persson. $(\min, +)$ matrix and vector products for inputs decomposable into few monotone subsequences. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000969`.

Koiran:2025:CDS

[172] Pascal Koiran and Subhayan Saha. Complete decomposition of symmetric tensors in linear time and polylogarithmic precision. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525000970`.

Bose:2025:PGB

[173] Prosenjit Bose, Jean-Lou De Carufel, Anil Maheshwari, and Karthik Murali. On 1-planar graphs with bounded cop-number. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000982.

Petrovic:2025:KLB

[174] Tomislav Petrović. Kolmogorov–Loveland betting strategies lose the betting game on open sets. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500115X.

Niu:2025:SNR

[175] Bei Niu. Some new results on equitable tree-coloring parameters of graphs. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001161.

Anonymous:2025:EBo

[176] Anonymous. Editorial Board. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001446.

Anonymous:2025:Mf

[177] Anonymous. 11 May 2025. *Theoretical Computer Science*, 1037(??):??, May 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Kutner:2025:RRD

[178] David C. Kutner and Iain A. Stewart. Reconfigurable routing in data center networks. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000921.

Maire:2025:CZK

[179] Jules Maire and Damien Vergnaud. Compact zero-knowledge arguments for Blum integers. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000933.

Rosenkrantz:2025:TFP

[180] Daniel J. Rosenkrantz, Madhav V. Marathe, Zirou Qiu, and S. S. Ravi. Theoretical foundations for parent divorcing transformations in Bayesian networks. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001148.

Sharma:2025:MOA

[181] Avisek Sharma, Satakshi Ghosh, Pritam Goswami, and Buddhadeb Sau.

Move-optimal arbitrary pattern formation by mobile robots on rectangular grid using near-optimal spatial area. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001173.

Ng:2025:SSC

[182] Chii Liang Ng, Denis C. K. Wong, Gek L. Chia, Bok Min Goi, Wai Kong Lee, and Wun She Yap. A signature scheme constructed from zero knowledge argument of knowledge for the subgraph isomorphism problem. *Theoretical Computer Science*, 1038 (??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001185.

Stramaglia:2025:USV

[183] Anna Stramaglia, Jeroen J. A. Keiren, and Thomas Neele. Unfolding state variables improves model checking performance. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001197.

Behrouz:2025:BFT

[184] Pourandokht Behrouz, Orestis Konstantinidis, Nikos Leonardos, Aris Pagourtzis, Ioannis Papaioannou, and Marianna Spyrakou. Byzantine fault-tolerant protocols for (n, f)-evacuation from a circle. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001239.

Anonymous:2025:EBp

[185] Anonymous. Editorial Board. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001628.

Anonymous:2025:Mg

[186] Anonymous. 22 May 2025. *Theoretical Computer Science*, 1038(??):??, May 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Anonymous:2025:TAS

[187] Anonymous. Tribute to Arto Salomaa: a towering figure in theoretical computer science. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525000507.

Coudert:2025:SSP

[188] David Coudert, Andrea D'Ascenzo, and Clément Rambaud. k-shortest simple paths in bounded treewidth graphs. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001203.

Duvignau:2025:SSM

[189] Romaric Duvignau, Michel Raynal, and Elad Michael Schiller. Self-stabilizing multivalued consensus in the presence of Byzantine faults and asynchrony. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001227`.

Rosner:2025:CSG

[190] Shaul Rosner and Tami Tamir. Cost-sharing games with rank-based utilities. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001240`.

Zehmakan:2025:ODG

[191] Ahad N. Zehmakan. Opinion diffusion in graphs: an adversarial approach. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001264`.

Chen:2025:RSN

[192] Qigong Chen, Jiafei Liu, Chia-Wei Lee, Jingli Wu, and Gaoshi Li. The reliability of (n, k)-star network in terms of non-inclusive fault pattern. *Theoretical Computer Science*, 1039 (??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001276`.

Bhattacharya:2025:IAO

[193] Binay Bhattacharya, Mordecai J. Golin, Yuya Higashikawa, Tsunehiko Kameda, and Naoki Katoh. Improved algorithms for optimal k sink location on path networks. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001288`.

Halle:2025:TFG

[194] Sylvain Hallé and Hugo Tremblay. A theory of fine-grained lineage for functions on structured objects. *Theoretical Computer Science*, 1039(??): ??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001306`.

Anonymous:2025:EBq

[195] Anonymous. Editorial Board. *Theoretical Computer Science*, 1039(??): ??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S030439752500180X`.

Anonymous:2025:Jc

[196] Anonymous. 4 June 2025. *Theoretical Computer Science*, 1039(??):??, June 4, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Georgiou:2025:TSI

[197] Konstantinos Georgiou and Evangelos Kranakis. TCS special issue on selected papers from AlgoWin 2023.

Theoretical Computer Science, 1040 (??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001215.

Furer:2025:EDS

[198] Martin Fürer, Carlos Hoppen, and Vilmar Trevisan. Efficient diagonalization of symmetric matrices associated with graphs of small treewidth. *Theoretical Computer Science*, 1040 (??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001252.

vanHeerdt:2025:CLS

[199] Gerco van Heerdt, Justin Hsu, Joël Ouaknine, and Alexandra Silva. Convex language semantics for nondeterministic probabilistic automata. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500129X.

Koponen:2025:RET

[200] Vera Koponen and Yasmin Tousinejad. Random expansions of trees with bounded height. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001392.

Fang:2025:IVM

[201] Nan Fang, Lu Liu, and Liang Yu. Integer-valued martingales and cl-Turing reductions. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001409.

Lohani:2025:ECC

[202] Rohit Lohani and Krishnendra Shekhawat. Existence and construction of a C-shaped module within a floorplan. *Theoretical Computer Science*, 1040 (??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001471.

Guo:2025:ELD

[203] Huiling Guo, Shurong Zhang, Shanshan Shan, Lin Chen, and Weihua Yang. The extra local diagnosability and diagnosis algorithm of networks under the PMC model. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001483.

Anonymous:2025:EBr

[204] Anonymous. Editorial Board. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001926.

Anonymous:2025:Jd

[205] Anonymous. 22 June 2025. *Theoretical Computer Science*, 1040(??):??, June 22, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Chen:2025:PBA

[206] Houshuang Chen, Yuchen He, and Chihao Zhang. On the problem of Best Arm Retention. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001513`.

Bhargav:2025:LBS

[207] C. S. Bhargav, Prateek Dwivedi, and Nitin Saxena. Lower bounds for the sum of small-size algebraic branching programs. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001525`.

Liu:2025:IKP

[208] Yuxi Liu and Mingyu Xiao. An improved kernel and parameterized algorithm for deletion to induced matching. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001537`.

Charalampopoulos:2025:SCW

[209] Panagiotis Charalampopoulos, Solon P. Pissis, Jakub Radoszewski, Wojciech Rytter, Tomasz Waleń, and Wiktor Zuba. Subsequence covers of words. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001549`.

Capobianco:2025:JGE

[210] Silvio Capobianco. Not just the Garden of Eden: Additional takes on cellular automata surjectivity. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001550`.

Chen:2025:EPM

[211] Meirun Chen, Cheng-Kuan Lin, and Stafen Wang. An efficient PMC model-based local diagnosis structure and algorithm. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001562`.

Perrotin:2025:FSP

[212] Pacôme Perrotin, Eurico Ruivo, and Pedro Paulo Balbi. Fast solutions to k-parity and k-synchronisation using parallel automata networks. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525001574`.

Dubois:2025:WSY

[213] Swan Dubois, Laurent Feuilloley, Franck Petit, and Mikaël Rabie. When should you wait before updating? — Toward a robustness refinement. *Theoretical Computer Science*, 1041(??): ??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001586.

Tani:2025:QAF

[214] Seiichiro Tani. Quantum algorithm for finding the optimal variable ordering for binary decision diagrams. *Theoretical Computer Science*, 1041 (??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001689.

Anonymous:2025:EBs

[215] Anonymous. Editorial Board. *Theoretical Computer Science*, 1041(??): ??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002245.

Anonymous:2025:Je

[216] Anonymous. 7 July 2025. *Theoretical Computer Science*, 1041(??):??, July 7, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Ceccherini-Silberstein:2025:SFM

[217] Tullio Ceccherini-Silberstein, Michel Coornaert, and Xuan Kien Phung. Stable finiteness of monoid algebras and surjunctivity. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001665.

Goles:2025:DST

[218] Eric Goles, Pedro Montealegre, Martín Ríos-Wilson, and Sylvain Sené. Dynamical stability of threshold networks over undirected signed graphs. *Theoretical Computer Science*, 1042 (??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001677.

Saez:2025:DFG

[219] Pablo Sáez. Deciding the feasibility of a given throughput rate in 2-cyclic robotic scheduling. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001719.

Beaton:2025:VCG

[220] Iain Beaton and Ben Cameron. Vertex-critical graphs in co-gem-free graphs. *Theoretical Computer Science*, 1042 (??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001720.

Bhojraj:2025:NEQ

[221] Tejas Bhojraj. von Neumann entropy and quantum algorithmic randomness. *Theoretical Computer Sci-*

ence, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001732.

Miao:2025:MCS

[222] Qihui Miao, Yongshun Shen, Wengke Zang, and Yuzhen Zhao. Multiple channels spiking neural P systems with lateral inhibition, rules dynamic generation and removal. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001744.

Salo:2025:SCP

[223] Ville Salo and Ilkka Törmä. Structure and computability of preimages in the Game of Life. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001756.

Tao:2025:EEP

[224] Biaoshuai Tao, Xiaowei Wu, Ziqi Yu, and Shengwei Zhou. On the existence of EFX (and Pareto-optimal) allocations for binary chores. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001860.

Calamoneri:2025:EVC

[225] Tiziana Calamoneri and Federico Corò. (Eternal) vertex cover numbers of infinite and finite grid graphs. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001999.

Anonymous:2025:EBt

[226] Anonymous. Editorial Board. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002348.

Anonymous:2025:Jf

[227] Anonymous. 19 July 2025. *Theoretical Computer Science*, 1042(??):??, July 19, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Pombo:2025:DTL

[228] Carlos G. Lopez Pombo, Agustín E. Martinez-Suñé, and Emilio Tuosto. A dynamic temporal logic for quality of service in choreographic models. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001859.

Chen:2025:IAS

[229] Haiming Chen, Hong Huang, Rongchen Li, Chengyao Peng, and Weihao Su. Incremental algorithms for solving regular expression intersection non-emptiness. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print),

1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001872.

Karakostas:2025:AAM

[230] George Karakostas and Stavros G. Kolliopoulos. Approximation algorithms for maximum weighted throughput on unrelated machines. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001963.

Navarro:2025:RMB

[231] Gonzalo Navarro and Cristian Urbina. Repetitiveness measures based on string morphisms. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001975.

Bhyravarapu:2025:DCR

[232] Sriram Bhyravarapu, Swati Kumari, and I. Vinod Reddy. Dynamic coloring on restricted graph classes. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525001987.

Bajaj:2025:CPD

[233] Shivam Bajaj, Eric Torng, and Shaunak D. Bopardikar. Competitive perimeter defense in linear environments. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002002.

Zhao:2025:MCV

[234] Jingyang Zhao and Mingyu Xiao. Multidepot capacitated vehicle routing with improved approximation guarantees. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002038.

Anonymous:2025:EBu

[235] Anonymous. Editorial Board. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002440.

Anonymous:2025:Jg

[236] Anonymous. 30 July 2025. *Theoretical Computer Science*, 1043(??):??, July 30, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Voogd:2025:CSE

[237] Erik Voogd, Åsmund Aqissiaq Arild Kløvstad, Einar Broch Johnsen, and Andrzej Wąsowski. Compositional symbolic execution semantics. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002014.

Martinez:2025:MMA

[238] Conrado Martínez, Cyril Nicaud, and Pablo Rotondo. Mathematical models to analyze Lua hybrid tables. *Theoretical Computer Science*, 1044 (??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002026.

Guo:2025:TED

[239] Xinru Guo, Sijia Dai, Xinxin Han, Yicheng Xu, and Yong Zhang. Time and energy driven online scheduling problem in EV charging. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500204X.

Araujo:2025:ACG

[240] Samuel N. Araújo, João Marcos Brito, Raquel Folz, Rosiane de Freitas, and Rudini M. Sampaio. Algorithms and complexity of graph convexity partizan games. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002051.

Zhang:2025:ARR

[241] Shasha Zhang, Jie Zhou, Yanfang Ma, and Haiyu Pan. Alternating refinement relations for fuzzy concurrent game structures. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002063.

Lee:2025:MLC

[242] Chien-Ting Lee, Chang-Biau Yang, and Kuo-Si Huang. The merged longest common increasing subsequence problem. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002075.

Abhinav:2025:TTF

[243] Ankit Abhinav, Satyabrata Jana, and Abhishek Sahu. Towards transitive-free digraphs. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002087.

Amiri:2025:CCA

[244] Saeed Akhoondian Amiri, Alexandru Popa, Mohammad Roghani, Golnoosh Shahkarami, Reza Soltani, and Hossein Vahidi. Complexity of computing the anti-Ramsey numbers for paths. *Theoretical Computer Science*, 1044 (??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002099.

Kshemkalyani:2025:DMR

[245] Ajay D. Kshemkalyani. Dispersion of mobile robots on graphs in the asynchronous model. *Theoretical Computer Science*, 1044(??):

??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002105.

Shi:2025:RPE

[246] Feng Shi, Daoyu Huang, Xiankun Yan, and Frank Neumann. Runtime performance of evolutionary algorithms for the chance-constrained makespan scheduling problem. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002129.

Lv:2025:MCS

[247] Xiaowei Lv, Yongcai Wang, and Deying Li. Maximum core spanning tree maintenance for large dynamic graphs. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002166.

Anonymous:2025:EBv

[248] Anonymous. Editorial Board. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002543.

Anonymous:2025:Ad

[249] Anonymous. 1 August 2025. *Theoretical Computer Science*, 1044(??):??, August 1, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Ikebuchi:2025:CPS

[250] Mirai Ikebuchi. Cyclic proofs and size-change termination. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002117.

Liu:2025:FFE

[251] Zhe Liu, Wenguo Yang, and Suixiang Gao. Finding fair and efficient allocations of indivisible chores. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002130.

Chen:2025:UBS

[252] Boxi Chen, Jingfang Su, and Hongwei Du. UAV-based sweep coverage for time-sensitive targets with restricted visible areas. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002142.

Li:2025:TGA

[253] Yifei Li, Hao Ye, and Hejiao Huang. Task group allocation for multi-load agent pickup and delivery problem. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002154.

Junnila:2025:LSR

[254] Ville Junnila, Tero Laihonen, and Tuomo Lehtilä. Levenshtein's sequence reconstruction problem and results for larger alphabet sizes. *Theoretical Computer Science*, 1045(??): ??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002178`.

Alajaji:2025:MUW

[255] John Alajaji and Kai Salomaa. Maximal universal width of an AFA is NP-hard. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S030439752500218X`.

Ge:2025:NFD

[256] Gaotao Ge, Jiafei Liu, Dajin Wang, Jingli Wu, and Gaoshi Li. A novel fault diagnostic algorithm with multiple characteristics for multiprocessor systems. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002191`.

Tale:2025:TBG

[257] Prafullkumar Tale. Telephone broadcast on graphs of treewidth two. *Theoretical Computer Science*, 1045 (??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002208`.

Bruckner:2025:PCL

[258] Guido Brückner and Ignaz Rutter. Partial and constrained level planarity. *Theoretical Computer Science*, 1045 (??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002294`.

Jahier:2025:MCD

[259] Erwan Jahier, Karine Altisen, Stéphane Devismes, and Gabriel B. Sant'Anna. Model checking of distributed algorithms using synchronous programs. *Theoretical Computer Science*, 1045 (??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002300`.

Ascone:2025:CGA

[260] Rocco Ascone, Giulia Bernardini, and Luca Manzoni. Cycles and global attractors of reactantless and inhibitorless reaction systems. *Theoretical Computer Science*, 1045(??): ??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002385`.

Anonymous:2025:EBw

[261] Anonymous. Editorial Board. *Theoretical Computer Science*, 1045(??): ??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002786`.

Anonymous:2025:Ae

[262] Anonymous. 11 August 2025. *Theoretical Computer Science*, 1045(??):??, August 11, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Daripa:2025:HPP

[263] Krishna Daripa and Alak Kumar Datta. Hamiltonian path in permutation graphs. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002397.

Wang:2025:AAM

[264] Yuanyuan Wang, Qingqin Nong, Wenjing Liu, and Qizhi Fang. Approximation algorithm and mechanism design for bisubmodular welfare maximization problem. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002403.

Barenboim:2025:SOE

[265] Leonid Barenboim and Tzalik Maimon. Sampling and output estimation in distributed algorithms and LCAs. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500249X.

Wan:2025:EDA

[266] Zongqi Wan, Jialin Zhang, Xiaoming Sun, and Zhijie Zhang. Efficient deterministic algorithms for maximizing symmetric submodular functions. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002506.

Kourtis:2025:MFP

[267] Georgios Kourtis, Clare Dixon, and Michael Fisher. Monodic fragments of probabilistic first-order temporal logic with bounded semantics. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002579.

Fleischmann:2025:GNW

[268] Pamela Fleischmann, Annika Huch, and Dirk Nowotka. Generalised Nyldon words. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002580.

Cardi:2025:WCF

[269] Pierre Cardi, Laurent Gourvès, and Julien Lesca. Worst-case fair guarantees when spending a common budget. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002609.

Brosse:2025:CSF

[270] Caroline Brosse, Nicolas Martins, Nicolas Nisse, and Rudini Sampaio. The Convex Set Forming Game. *Theoretical Computer Science*, 1046(??): ??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002610.

Anonymous:2025:EBx

[271] Anonymous. Editorial Board. *Theoretical Computer Science*, 1046(??): ??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002907.

Anonymous:2025:Af

[272] Anonymous. 28 August 2025. *Theoretical Computer Science*, 1046(??):??, August 28, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Li:2025:LTF

[273] Weian Li and Yu Zhou. Locating two facilities on a square with a minimum distance requirement. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002488.

Arvind:2025:ERC

[274] V. Arvind, Johannes Köbler, and Oleg Verbitsky. On the expressibility of the reconstructional color refinement. *Theoretical Computer Science*, 1047 (??):??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002592.

Khoo:2025:DLO

[275] Kai Jun Khoo, Heer Tern Koh, and Keng Meng Ng. A discrete linear order with non-dense punctual degrees. *Theoretical Computer Science*, 1047 (??):??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002622.

Aceto:2025:AWB

[276] Luca Aceto, Valentina Castiglioni, Anna Ingólfsdóttir, and Bas Luttik. Axiomatising weak bisimulation congruences over CCS with left merge and communication merge. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002634.

Alpay:2025:SMM

[277] Daniel Alpay and Liora Mayats-Alpay. Similarity metrics, metrics, and conditionally negative definite functions. *Theoretical Computer Science*, 1047 (??):??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002646.

Romero:2025:CLM

[278] Pablo Romero. Characterization of locally most split reliable graphs. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002658`.

Souza:2025:DTS

[279] Victor F. C. Souza, Ferdinando Cicalese, Eduardo Sany Laber, and Marco Molinaro. Decision trees with short explainable rules. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002828`.

Tan:2025:LCH

[280] Xuehou Tan and Rong Chen. Largest convex hulls for convex-hull disjoint clusters with bounded size. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S030439752500283X`.

Anonymous:2025:EPJ

[281] Anonymous. Editorial: a personal journey with TCS. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002853`.

Anonymous:2025:TBE

[282] Anonymous. TCS B editorial. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525002865`.

Anonymous:2025:EBy

[283] Anonymous. Editorial Board. *Theoretical Computer Science*, 1047(??): ??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0304397525003147`.

Anonymous:2025:Sa

[284] Anonymous. 3 September 2025. *Theoretical Computer Science*, 1047(??):??, September 3, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Asahiro:2025:CCA

[285] Yuichi Asahiro and Masafumi Yamashita. Compatibility of convergence algorithms for autonomous mobile robots. *Theoretical Computer Science*, 1048(??):??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S030439752500266X`.

Civril:2025:RNN

[286] A. Çivril. Retraction notice to "A New Approximation Algorithm for the Minimum 2-Edge-Connected Spanning Subgraph Problem" [Theoretical Computer Science **943** (2023) 121–130]. *Theoretical Computer Science*, 1048(??):

??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002841. See [2].

Wei:2025:LEU

[287] Qi Wei, Xuehou Tan, Haonan Wu, Xiaolin Yao, and Yonggong Ren. Online exploration of an unbounded region with one obstacle. *Theoretical Computer Science*, 1048(??): ??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S030439752500297X.

Hirota:2025:EAE

[288] Miyuji Hirota and Yoshifumi Sakai. Efficient algorithms for enumerating maximal common subsequences of two strings. *Theoretical Computer Science*, 1048(??):??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525002981.

Couto:2025:MDB

[289] Fernanda Couto, Luís Cunha, Edmundo Pinto, and Daniel Posner. Minimizing distances between vertices and edges through tree t-spanners. *Theoretical Computer Science*, 1048(??): ??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525003007.

Hori:2025:GCG

[290] Sawaka Hori and Kenji Mikawa. Gray code generation of binary trees encoded in left-child sequences. *Theoretical Computer Science*, 1048(??): ??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525003044.

Anonymous:2025:EBz

[291] Anonymous. Editorial Board. *Theoretical Computer Science*, 1048(??): ??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0304397525003251.

Anonymous:2025:Sb

[292] Anonymous. 13 September 2025. *Theoretical Computer Science*, 1048(??):??, September 13, 2025. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).