

## References

- [1] Pankaj K. Agarwal, Jeff M. Phillips, and Bardia Sadri. Lipschitz unimodal and isotonic regression on paths and trees. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 384–396. Springer-Verlag, Berlin-Heidelberg, 2010.
- [2] Greg Aloupis, Jean Cardinal, Sébastien Collette, Erik D. Demaine, Martin L. Demaine, Muriel Dulieu, Ruy Fabila-Monroy, Vi Hart, Ferran Hurtado, Stefan Langerman, Maria Saumell, Carlos Seara, and Perouz Taslakian. Matching points with things. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 456–467. Springer-Verlag, Berlin-Heidelberg, 2010.
- [3] Greg Aloupis, Jean Cardinal, Sébastien Collette, Shinji Imahori, Matias Korman, Stephan Langerman, Oded Schwartz, Shakhar Smorodinsky, and Perouz Taslakian. Colorful strips. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 2–13. Springer-Verlag, Berlin-Heidelberg, 2010.
- [4] Eric Angel, Evripidis Bampis, and Nicolas Thibault. Randomized truthful algorithms for scheduling selfish tasks on parallel machines. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 38–48. Springer-Verlag, Berlin-Heidelberg, 2010.
- [5] Yuichi Asahiro, Eiji Miyano, and Kazuaki Samizo. Approximating maximum diameter-bounded subgraphs. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 615–626. Springer-Verlag, Berlin-Heidelberg, 2010.

- [6] Per Austrin, Siavosh Benabbas, and Avner Magen. On quadratic threshold csps. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 332–343. Springer-Verlag, Berlin-Heidelberg, 2010.
- [7] Jonathan Backer and J. Mark Keil. The mono- and bichromatic empty rectangle and square problems in all dimensions. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 14–25. Springer-Verlag, Berlin-Heidelberg, 2010.
- [8] Alexis Ballier, Bruno Durand, and Emmanuel Jeandel. Tilings robust to errors. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 480–491. Springer-Verlag, Berlin-Heidelberg, 2010.
- [9] Jérémy Barbay, Francisco Claude, and Gonzalo Navarro. Compact rich-functional binary relation representations. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 170–183. Springer-Verlag, Berlin-Heidelberg, 2010.
- [10] Frédérique Bassino, Laura Giambruno, and Cyril Nicaud. Complexity of operations on cofinite languages. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 222–233. Springer-Verlag, Berlin-Heidelberg, 2010.
- [11] MohammadHossein Bateni and MohammadTaghi Hajiaghayi. Euclidean prize-collecting steiner forest. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 503–514. Springer-Verlag, Berlin-Heidelberg, 2010.
- [12] Petra Berenbrink, Robert Elsässer, and Thomas Sauerwald. Randomised broadcasting: Memory vs. randomness. In Alejandro López-Ortiz, edi-

- tor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 306–319. Springer-Verlag, Berlin-Heidelberg, 2010.
- [13] Nadja Betzler, Jiong Guo, Christian Komusiewicz, and Rolf Niedermeier. Average parameterization and partial kernelization for computing medians. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 60–71. Springer-Verlag, Berlin-Heidelberg, 2010.
- [14] Steven Bitner, Yam K. Cheung, Atlas F. Cook IV, Ovidiu Daescu, Anastasia Kurdia, and Carola Wenk. Visiting a sequence of points with a bevel-tip needle. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 492–502. Springer-Verlag, Berlin-Heidelberg, 2010.
- [15] Beate Bollig. A larger lower bound on the obdd complexity of the most significant bit of multiplication. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 255–266. Springer-Verlag, Berlin-Heidelberg, 2010.
- [16] Paul Bonsma and Felix Breuer. Counting hexagonal patches and independent sets in circle graphs. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 603–614. Springer-Verlag, Berlin-Heidelberg, 2010.
- [17] Prosenjit Bose, Paz Carmi, Michiel Smid, and Daming Xu. Communication-efficient construction of the plane localized delaunay graph. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 282–293. Springer-Verlag, Berlin-Heidelberg, 2010.
- [18] Prosenjit Bose, Karim Douïeb, Vida Dujmović, and John Howat. Layered working-set trees. In Alejandro López-Ortiz, editor, *Proceed-*

*ings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 686–696. Springer-Verlag, Berlin-Heidelberg, 2010.

- [19] Andreas Brandstädt, Christian Hundt, and Ragnar Nevries. Efficient edge domination on hole-free graphs in polynomial time. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 650–661. Springer-Verlag, Berlin-Heidelberg, 2010.
- [20] Janusz Brzozowski, Galina Jirásková, and Baiyu Li. Quotient complexity of ideal languages. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 208–221. Springer-Verlag, Berlin-Heidelberg, 2010.
- [21] Jaroslaw Byrka, Andreas Karrenbauer, and Laura Sanità. The interval constrained 3-coloring problem. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 591–602. Springer-Verlag, Berlin-Heidelberg, 2010.
- [22] Qi Cheng and Yu-Hsin Li. Finding the smallest gap between sums of square roots. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 446–455. Springer-Verlag, Berlin-Heidelberg, 2010.
- [23] Christine Chung, Katrina Ligett, Kirk Pruhs, and Aaron L. Roth. The power of fair pricing mechanisms. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 554–564. Springer-Verlag, Berlin-Heidelberg, 2010.
- [24] Hagai Cohen and Ely Porat. Fast set intersection and two-patterns matching. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 234–242. Springer-Verlag, Berlin-Heidelberg, 2010.

- [25] Michael D. Coury, Pavol Hell, Jan Kratochvíl, and Tomáš Vyskočil. Faithful representations of graphs by islands in the extended grid. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 131–142. Springer-Verlag, Berlin-Heidelberg, 2010.
- [26] Amalia Duch, Rosa M. Jiménez, and Conrado Martínez. Rank selection in multidimensional data. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 674–685. Springer-Verlag, Berlin-Heidelberg, 2010.
- [27] Adrian Dumitrescu and Minghui Jiang. Minimum-perimeter intersecting polygons. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 433–445. Springer-Verlag, Berlin-Heidelberg, 2010.
- [28] Kunal Dutta and C.R. Subramanian. Largest induced acyclic tournament in random digraphs: A 2-point concentration. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 627–637. Springer-Verlag, Berlin-Heidelberg, 2010.
- [29] Paolo Ferragina, Travis Gagie, and Giovanni Manzini. Lightweight data indexing and compression in external memory. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 697–710. Springer-Verlag, Berlin-Heidelberg, 2010.
- [30] Johannes Fischer. Optimal succinctness for range minimum queries. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 158–169. Springer-Verlag, Berlin-Heidelberg, 2010.

- [31] Fedor V. Fomin, Daniel Lokshtanov, Fabrizio Grandoni, and Saket Saurabh. Sharp separation and applications to exact and parameterized algorithms. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 72–83. Springer-Verlag, Berlin-Heidelberg, 2010.
- [32] Martin Fürer. Almost linear time computation of the chromatic polynomial of a graph of bounded tree-width. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 49–59. Springer-Verlag, Berlin-Heidelberg, 2010.
- [33] Anna Gál and Jing-Tang Jang. The size and depth of layered boolean circuits. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 372–383. Springer-Verlag, Berlin-Heidelberg, 2010.
- [34] Dominik Gall, Riko Jacob, Andrea Richa, Christian Scheideler, Stefan Schmid, and Hanjo Täubig. Time complexity of distributed topological self-stabilization: The case of graph linearization. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 294–305. Springer-Verlag, Berlin-Heidelberg, 2010.
- [35] E.R. Gansner, Y.F. Hu, M. Kaufmann, and S.G. Kobourov. Optimal polygonal representation of planar graphs. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 417–432. Springer-Verlag, Berlin-Heidelberg, 2010.
- [36] Qi Ge and Daniel Štefankovič. The complexity of counting eulerian tours in 4-regular graphs. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 638–649. Springer-Verlag, Berlin-Heidelberg, 2010.

- [37] Viliam Geffert and Giovanni Pighizzini. Pairs of complementary unary languages with “balanced” nondeterministic automata. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 196–207. Springer-Verlag, Berlin-Heidelberg, 2010.
- [38] Gero Greiner and Riko Jacob. The i/o complexity of sparse matrix dense matrix multiplication. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 143–156. Springer-Verlag, Berlin-Heidelberg, 2010.
- [39] Qianping Gu and Navid Imani. Connectivity is not a limit for kernelization: Planar connected dominating set. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 26–37. Springer-Verlag, Berlin-Heidelberg, 2010.
- [40] MohammadTaghi Hajiaghayi and Arefeh A. Nasri. Prize-collecting steiner networks via iterative rounding. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 515–526. Springer-Verlag, Berlin-Heidelberg, 2010.
- [41] Piotr Indyk. Sparse recovery using sparse random matrices. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 157–157. Springer-Verlag, Berlin-Heidelberg, 2010.
- [42] Tsunehiko Kameda, Ichiro Suzuki, and John Z. Zhang. Finding the minimum-distance schedule for a boundary searcher with a flashlight. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN’2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 84–95. Springer-Verlag, Berlin-Heidelberg, 2010.

- [43] Marek Karpiński, Andrzej Ruciński, and Edyta Szymańska. Computational complexity of the hamiltonian cycle problem in dense hypergraphs. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 662–673. Springer-Verlag, Berlin-Heidelberg, 2010.
- [44] Salvatore La Torre, Parthasarathy Madhusudan, and Gennaro Parlato. The language theory of bounded context-switching. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 96–107. Springer-Verlag, Berlin-Heidelberg, 2010.
- [45] Sylvain Lombardy and Jacques Sakarovitch. Radix cross-sections for length morphisms. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 184–195. Springer-Verlag, Berlin-Heidelberg, 2010.
- [46] Manfred Madritsch and Brigitte Vallée. Modelling the lll algorithm by sandpiles. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 267–281. Springer-Verlag, Berlin-Heidelberg, 2010.
- [47] Elizabeth Maltais and Lucia Moura. Finding the best cafe is  $np$ -hard. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 356–371. Springer-Verlag, Berlin-Heidelberg, 2010.
- [48] Vahab Mirrokni, S. Muthukrishnan, and Uri Nadav. Quasi-proportional mechanisms: Prior-free revenue maximization. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 565–576. Springer-Verlag, Berlin-Heidelberg, 2010.



- [49] Cristopher Moore. Continuous and discrete methods in computer science. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2010.
- [50] Carles Padró and Leonor Vázquez. Finding lower bounds on the complexity of secret sharing schemes by linear programming. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 344–355. Springer-Verlag, Berlin-Heidelberg, 2010.
- [51] Daniel Panario, Brett Stevens, and Qiang Wang. Ambiguity and deficiency in costas arrays and apn permutations. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 397–406. Springer-Verlag, Berlin-Heidelberg, 2010.
- [52] Britta Peis, Martin Skutella, and Andreas Wiese. Packet routing on the grid. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 120–130. Springer-Verlag, Berlin-Heidelberg, 2010.
- [53] Sergio Rajsbaum. Iterated shared memory models. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 407–416. Springer-Verlag, Berlin-Heidelberg, 2010.
- [54] Vonjy Rasendrasahina and Vlady Ravelomanana. Limit theorems for random max-2-xorsat. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 320–331. Springer-Verlag, Berlin-Heidelberg, 2010.
- [55] Diego Recalde, Cyriel Rutten, Petra Schuurman, and Tjark Vredeveld. Local search performance guarantees for restricted related par-

- allel machine scheduling. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 108–119. Springer-Verlag, Berlin-Heidelberg, 2010.
- [56] Bettina Speckmann and Kevin Verbeek. Homotopic rectilinear routing with few links and thick edges. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 468–479. Springer-Verlag, Berlin-Heidelberg, 2010.
- [57] Leslie G. Valiant. Some observations on holographic algorithms. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 577–590. Springer-Verlag, Berlin-Heidelberg, 2010.
- [58] René van Bevern, Hannes Moser, and Rolf Niedermeier. Kernelization through tidying — a case study based on  $s$ -plex cluster vertex deletion. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 527–538. Springer-Verlag, Berlin-Heidelberg, 2010.
- [59] Mark van Hoeij and Andrew Novocin. Gradual sub-lattice reduction and a new complexity for factoring polynomials. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 539–553. Springer-Verlag, Berlin-Heidelberg, 2010.
- [60] Joachim von zur Gathen, Alfredo Viola, and Konstantin Ziegler. Counting reducible, powerful, and relatively irreducible multivariate polynomials over finite fields. In Alejandro López-Ortiz, editor, *Proceedings of the 9th Latin American Symposium on Theoretical Informatics, LATIN'2010 (Oaxaca, Mexico, April 19-23, 2010, 2010)*, volume 6034 of *LNCS*, pages 243–254. Springer-Verlag, Berlin-Heidelberg, 2010.