# References


[1] Foto N. Afrati, Chen Li, and Jeffrey D. Ullman. Using views to generate efficient evaluation plans for queries. *J. Comput. Syst. Sci.*, 73(5):703–724, 2007.

[2] Rajeev Alur and Arun Chandrashekharapuram. Dispatch sequences for embedded control models. *J. Comput. Syst. Sci.*, 73(2):156–170, 2007.

[3] N. Alzeidi, A. Khonsari, M. Ould-Khaoua, and L. Mackenzie. A new approach to model virtual channels in interconnection networks. *J. Comput. Syst. Sci.*, 73(8):1121–1130, 2007.

[4] Björn Andersson and Cecilia Ekelin. Exact admission-control for integrated aperiodic and periodic tasks. *J. Comput. Syst. Sci.*, 73(2):225–241, 2007.

[5] Martin Anthony. On the generalization error of fixed combinations of classifiers. *J. Comput. Syst. Sci.*, 73(5):725–734, 2007.

[6] Krishnakumar Balasubramanian, Jaiganesh Balasubramanian, Jeff Parsons, Aniruddha Gokhale, and Douglas C. Schmidt. A platform-independent component modeling language for distributed real-time and embedded systems. *J. Comput. Syst. Sci.*, 73(2):171–185, 2007.

[7] José L. Balcázar, Jorge Castro, David Guijarro, Johannes Köbler, and Wolfgang Lindner. A general dimension for query learning. *J. Computer. Syst. Sci.*, 73(6):924–940, 2007.

[8] Ziv Bar-Yossef, Marcus Fontoura, and Vanja Josifovski. On the memory requirements of $x$path evaluation over xml streams. *J. Comput. Syst. Sci.*, 73(3):391–441, 2007.

[9] Mayank Bawa, Aristides Gionis, Hector Garcia-Molina, and Rajeev Motwani. The price of validity in dynamic networks. *J. Comput. Syst. Sci.*, 73(3):245–264, 2007.

[10] Radim Belohlavek, Jiří Dvořák, and Jan Outrata. Fast factorization by similarity in formal concept analysis of data with fuzzy attributes. *J. Comput. Syst. Sci.*, 73(6):1012–1022, 2007.

[11] Azzedine Boukerche, Raed A. Al-Shaikh, and Mirela Sechi Moretti Annoni Notare. Towards highly available and scalable high performance clusters. *J. Comput. Syst. Sci.*, 73(8):1240–1251, 2007.

[12] Joan Boyar, Lene M. Favrholdt, and Kim S. Larsen. The relative worst-order ratio applied to paging. *J. Comput. Syst. Sci.*, 73(5):818–843, 2007.

[13] Broňa Brejová, Daniel G. Brown, and Tomáš Vinař. The most probable annotation problem in hmms and its application to bioinformatics. *J. Comput. Syst. Sci.*, 73(7):1060–1077, 2007.

[14] Véronique Bruyère and Olivier Carton. Automata on linear orderings. *J. Comput. Syst. Sci.*, 73(1):1–24, 2007.

[15] Harry Buhrman, Hartmut Klauck, Nikolai Vereshchagin, and Paul Vitányi. Individual communication complexity. *J. Comput. Syst. Sci.*, 73(6):973–985, 2007.

[16] Jin-Yi Cai. $s_2^p \subseteq zpp^{NP}$. *J. Comput. Syst. Sci.*, 73(1):25–35, 2007.

[17] Denis Xavier Charles. Counting lattice vectors. *J. Comput. Syst. Sci.*, 73(6):962–972, 2007.

[18] Jianer Chen, Iyad A. Kanj, Ljubomir Perković, Eric Sedgwick, and Ge Xia. Genus characterizes the complexity of certain graph problems: Some tight results. *J. Comput. Syst. Sci.*, 73(6):892–907, 2007.

[19] Sheng-Tzong Cheng and Ming-Hung Tao. Quantum cooperative search algorithm for 3-sat. *J. Comput. Syst. Sci.*, 73(1):123–136, 2007.

[20] Edith Cohen and Haim Kaplan. Spatially-decaying aggregation over a network. *J. Comput. Syst. Sci.*, 73(3):265–288, 2007.

[21] Sara Cohen and Yehoshua Sagiv. An incremental algorithm for computing ranked full disjunctions. *J. Comput. Syst. Sci.*, 73(4):648–668, 2007.

[22] Yun Cui, Lusheng Wang, and Daming Zhu. A 1.75-approximation algorithm for unsigned translocation distance. *J. Comput. Syst. Sci.*, 73(7):1045–1059, 2007.

[23] Susan Davidson, Wenfei Fan, and Carmem Hara. Propagating xml constraints to relations. *J. Comput. Syst. Sci.*, 73(3):316–361, 2007. see Erratum in J. Comput. Syst. Sci., Vol. 74, 2008, No. 3, 404-405.

[24] Alin Deutsch, Liying Sui, and Victor Vianu. Specification and verification of data-driven web applications. *J. Comput. Syst. Sci.*, 73(3):442–474, 2007.

[25] Rod Downey, Denis R. Hirschfeldt, and Geoff LaForte. Undecidability of the structure of the solovay tdegrees of c.e. reals. *J. Comput. Syst. Sci.*, 73(5):769–787, 2007.

[26] Rodney G. Downey and Catherine McCartin. Online promise problems with online width metrics. *J. Comput. Syst. Sci.*, 73(1):57–72, 2007.

[27] Wolfgang Faber, Gianluigi Greco, and Nicola Leone. Magic sets and their application to data integration. *J. Comput. Syst. Sci.*, 73(4):584–609, 2007.

[28] Martin Farach-Colton, Gad M. Landau, S. Cenk Sahinalp, and Dekel Tsur. Optimal spaced seeds for faster approximate string matching. *J. Comput. Syst. Sci.*, 73(7):1035–1044, 2007.

[29] J. Nathan Foster, Michael B. Greenwald, Christian Kirkegaard, Benjamin C. Pierce, and Alan Schmitt. Exploiting schemas in data synchronization. *J. Comput. Syst. Sci.*, 73(4):669–689, 2007.

[30] Ariel Fuxman and Renée J. Miller. First-order query rewriting for inconsistent databases. *J. Comput. Syst. Sci.*, 73(4):610–635, 2007.

[31] Christian Glaßer. Languages polylog-time reducible to dot-depth 1/2. *J. Comput. Syst. Sci.*, 73(1):36–56, 2007.

[32] Christian Glaßer, Mitsunori Ogihara, A. Pavan, Alan L. Selman, and Liyu Zhang. Autoreducibility, mitoticity, and immunity. *J. Comput. Syst. Sci.*, 73(5):735–754, 2007.

[33] Parke Godfrey and Jarek Gryz. View disassembly: A rewrite that extracts portions of views. *J. Comput. Syst. Sci.*, 73(6):941–961, 2007.

[34] Maziar Goudarzi, Naser MohammadZadeh, and Shaahin Hessabi. Using on-chip networks to implement polymorphism in the co-design of object-oriented embedded systems. *J. Comput. Syst. Sci.*, 73(8):1221–1231, 2007.

[35] Gregor Gramlich and Georg Schnitger. Minimizing nfa's and regular expressions. *J. Comput. Syst. Sci.*, 73(6):908–923, 2007.

[36] MohammadTaghi Hajiaghayi and Naomi Nishimura. Subgraph isomorphism, log-bounded fragmentation, and graphs of (locally) bounded treewidth. *J. Comput. Syst. Sci.*, 73(5):755–768, 2007.

[37] Valentina S. Harizanov and Frank Stephan. On the learnability of vector spaces. *J. Comput. Syst. Sci.*, 73(1):109–122, 2007.

[38] Edith Hemaspaandra and Lane A. Hemaspaandra. Dichotomy for voting systems. *J. Comput. Syst. Sci.*, 73(1):73–83, 2007.

[39] F.K. Hwang and F.H. Chang. The identification of positive clones in a general inhibitor model. *J. Comput. Syst. Sci.*, 73(7):1090–1094, 2007.

[40] Yasunori Ishihara, Toshiyuki Morita, Hiroyuki Seki, and Minoru Ito. An equational logic based approach to the security problem against inference attacks on object-oriented databases. *J. Comput. Syst. Sci.*, 73(5):788–817, 2007.

[41] Sanjay Jain, Yen Kaow Ng, and Tiong Seng Tay. Learning languages in a union. *J. Comput. Syst. Sci.*, 73(1):89–108, 2007.

[42] Yu Jiao and Ali R. Hurson. Energy-efficient wireless information retrieval. *J. Comput. Syst. Sci.*, 73(8):1145–1163, 2007.

[43] Xiaolong Jin and Geyong Min. Performance analysis of priority scheduling mechanisms under heterogeneous network traffic. *J. Comput. Syst. Sci.*, 73(8):1207–1220, 2007.

[44] Peter Jonsson and Andrei Krokhin. Maximum $h$-colourable subdigraphs and constraint optimization with arbitrary weights. *J. Comput. Syst. Sci.*, 73(5):691–702, 2007.

[45] T. Kavitha. Linear time algorithms for abelian group isomorphism and related problems. *J. Comput. Syst. Sci.*, 73(6):986–996, 2007.

[46] Solmaz Kolahi. Dependency-preserving normalization of relational and xml data. *J. Comput. Syst. Sci.*, 73(4):636–647, 2007.

[47] Gabriel M. Kuper and Jianwen Su. A representation independent language for planar spatial databases with euclidean distance. *J. Comput. Syst. Sci.*, 73(6):845–874, 2007.

[48] Gad M. Landau, Eugene Myers, and Michal Ziv-Ukelson. Two algorithms for lcs consecutive suffix alignment. *J. Comput. Syst. Sci.*, 73(7):1095–1117, 2007.

[49] Dirk Leinders and Jan Van den Bussche. On the complexity of division and set joins in the relational algebra. *J. Comput. Syst. Sci.*, 73(4):538–549, 2007.

[50] Stefano Leonardi and Danny Raz. Approximating total flow time on parallel machines. *J. Comput. Syst. Sci.*, 73(6):875–891, 2007.

[51] Lin Lin, Xue-Hai Yuan, and Zun-Quan Xia. Multicriteria fuzzy decision-making methods based on intuitionistic fuzzy sets. *J. Comput. Syst. Sci.*, 73(1):84–88, 2007.

[52] Kai Lu, Riky Subrata, and Albert Y. Zomaya. On the performance-driven load distribution for heterogeneous computational grids. *J. Comput. Syst. Sci.*, 73(8):1191–1206, 2007.

[53] Bin Ma and Ming Li. On the complexity of the spaced seeds. *J. Comput. Syst. Sci.*, 73(7):1024–1034, 2007.

[54] Bin Ma, Lusheng Wang, and Ming Li. Near optimal multiple alignment within a band in polynomial time. *J. Comput. Syst. Sci.*, 73(6):997–1011, 2007.

[55] Wim Martens and Frank Neven. Frontiers of tractability for typechecking simple xml transformations. *J. Comput. Syst. Sci.*, 73(3):362–390, 2007.

[56] Wim Martens and Joachim Niehren. On the minimization of xml schemas and tree automata for unranked trees. *J. Comput. Syst. Sci.*, 73(4):550–583, 2007.

[57] Gerome Miklau and Dan Suciu. A formal analysis of information disclosure in data exchange. *J. Comput. Syst. Sci.*, 73(3):507–534, 2007.

[58] Shlomo Moran and Sagi Snir. Efficient approximation of convex recolorings. *J. Comput. Syst. Sci.*, 73(7):1078–1089, 2007.

[59] Rafael Moreno-Vozmediano, Krishna Nadiminti, Srikumar Venugopal, Ana B. Alonso-Conde, Hussein Gibbins, and Rajkumar Buyya. Portfolio and investment risk analysis on global grids. *J. Comput. Syst. Sci.*, 73(8):1164–1175, 2007.

[60] Rodolfo Pellizzoni and Giuseppe Lipari. Holistic analysis of asynchronous real-time transactions with earliest deadline scheduling. *J. Comput. Syst. Sci.*, 73(2):186–206, 2007.

[61] F. Safaei, A. Khonsari, M. Fathy, and M. Ould-Khaoua. Communication delay analysis of fault-tolerant pipelined circuit switching in torus. *J. Comput. Syst. Sci.*, 73(8):1131–1144, 2007.

[62] Francesco Scarcello, Gianluigi Greco, and Nicola Leone. Weighted hypertree decompositions and optimal query plans. *J. Comput. Syst. Sci.*, 73(3):475–506, 2007.

[63] Thomas Schwentick. Automata for xml – a survey. *J. Comput. Syst. Sci.*, 73(3):289–315, 2007.

[64] Petr Sosík and Alfonso Rodríguez-Patón. Membrane computing and complexity theory: A characterization of *p*space. *J. Comput. Syst. Sci.*, 73(1):137–152, 2007.

[65] Riky Subrata, Albert Y. Zomaya, and Bjorn Landfeldt. Artificial life techniques for load balancing in computational grids. *J. Comput. Syst. Sci.*, 73(8):1176–1190, 2007.

[66] Ernesto Wandeler and Lothar Thiele. Workload correlations in multiprocessor hard real-time systems. *J. Comput. Syst. Sci.*, 73(2):207–224, 2007.

[67] Wenjun Xiao and Behrooz Parhami. Structural properties of cayley digraphs with applications to mesh and pruned torus interconnection networks. *J. Comput. Syst. Sci.*, 73(8):1232–1239, 2007.