

Обработка и оптимизация запросов

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[http://WWW.math.spbu.ru/user/boris novikov/courses/](http://WWW.math.spbu.ru/user/boris%20novikov/courses/)

- 20 сентября 2014

№		Докладывает ¹
1	Antonin Guttman. 1984. R-trees: a dynamic index structure for spatial searching. SIGMOD Rec.14, 2 (June 1984), 47-57	Болонкин Максим
2	Joseph M. Hellerstein, Jeffrey F. Naughton, and Avi Pfeffer. 1995. Generalized Search Trees for Database Systems. In Proceedings of the 21th International Conference on Very Large Data Bases(VLDB '95), Umeshwar Dayal, Peter M. D. Gray, and Shojiro Nishio (Eds.). Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 562-573.	Забранский Дмитрий

- 27 сентября 2014

№	Докладывает1
1	Yannis E. Ioannidis: Query Optimization. The Computer Science and Engineering Handbook 1997: 1038-1057
2	•Donald Kossmann and Konrad Stocker. 2000. Iterative dynamic programming: a new class of query optimization algorithms.

- 04 октября 2014

№	Докладывает1
1	Fragkiskos Pentaris and Yannis Ioannidis. 2006. Query optimization in distributed networks of autonomous database systems. ACM Trans. Database Syst. 31, 2 (June 2006), 537-583.
2	Donald Kossmann, Michael J. Franklin, Gerhard Drasch, and Wig Ag. 2000. Cache investment: integrating query optimization and distributed data placement. ACM Trans. Database Syst. 25, 4 (December 2000), 517-558.

- 11 октября 2014

№	Докладывает1
1	Goetz Graefe and William J. McKenna. 1993. The Volcano Optimizer Generator: Extensibility and Efficient Search.
2	Douglas Comer. 1979. Ubiquitous B-Tree. ACM Comput. Surv. 11, 2 (June 1979), 121-137.

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№	Докладывает1
1	Ibrahim Kamel and Christos Faloutsos. 1994. Hilbert R-tree: An Improved R-tree using Fractals. In Proceedings of the 20th International Conference on Very Large Data Bases (VLDB '94), Jorge B. Bocca, Matthias Jarke, and Carlo Zaniolo (Eds.). Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 500-509.
2	Aristides Gionis, Piotr Indyk, and Rajeev Motwani. 1999. Similarity Search in High Dimensions via Hashing. In Proceedings of the 25th International Conference on Very Large Data Bases (VLDB '99), Malcolm P. Atkinson, Maria E. Orlowska, Patrick Valduriez, Stanley B. Zdonik, and Michael L. Brodie (Eds.). Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 518-529.

- 25 октября 2014

№	Докладывает1
1	J. Nievergelt, Hans Hinterberger, and Kenneth C. Sevcik. 1984. The Grid File: An Adaptable, Symmetric Multikey File Structure. ACM Trans. Database Syst. 9, 1 (March 1984), 38-71.
2	Paolo Ciaccia, Marco Patella, and Pavel Zezula. 1997. M-tree: An Efficient Access Method for Similarity Search in Metric Spaces. In Proceedings of the 23rd International Conference on Very Large Data Bases (VLDB '97), Matthias Jarke, Michael J. Carey, Klaus R. Dittrich, Frederick H. Lochovsky, Pericles Loucopoulos, and Manfred A. Jeusfeld (Eds.). Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 426-435.

- 01 ноября 2014

№	Докладывает1
1	Jun Rao and Kenneth A. Ross. 2000. Making B+- trees cache conscious in main memory. SIGMOD Rec. 29, 2 (May 2000), 475-486.
2	Yandong Mao, Eddie Kohler, and Robert Tappan Morris. 2012. Cache craftiness for fast multicore key-value storage. In Proceedings of the 7th ACM european conference on Computer Systems (EuroSys '12). ACM, New York, NY, USA, 183-196.

- 08 ноября 2014

№	Докладывает1
1	Burton H. Bloom. 1970. Space/time trade-offs in hash coding with allowable errors. Commun. ACM13, 7 (July 1970), 422-426.
2	M. V. Ramakrishna and P.-:1V Larson. 1989. File organization using composite perfect hashing. ACM Trans. Database Syst. 14, 2 (June 1989)

- 15 ноября 2014

№	Докладывает1
1	Stefan Berchtold, Daniel A. Keim, and Hans-Peter Kriegel. 1996. The X-tree: An Index Structure for High-Dimensional Data. In Proceedings of the 22th International Conference on Very Large Data Bases (VLDB '96), T. M. Vijayaraman, Alejandro P. Buchmann, C. Mohan, and Nandlal L. Sarda (Eds.).
2	Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 28-39. Ibrahim Kamel and Christos Faloutsos. 1992. Parallel R-trees. SIGMOD Rec. 21, 2 (June 1992), 195-204.