

全研究業績一覧

査読付論文誌論文

- [1] カンギョウビ, 浅田一繁, 飯沢篤志, 古瀬一隆. 2次元的な放送モデルにおける配信間隔と配信スケジューリング, 情報処理学会論文誌:データベース, Vol. 42, No. SIG10(TOD11), pp. 54–63, Sep. 2001.
- [2] Masahiro Ishikawa, Kazutaka Furuse, Hanxiong Chen, and Nobuo Ohbo. Minimal Spanning Tree Construction with MetricMatrix, IEICE Transactions on Information and Systems, Vol. E85-D, No. 2, pp. 362–372, Feb. 2002.
- [3] 安際元, 古瀬一隆, 陳漢雄, 石川雅弘, 大保信夫. 凸多面体を用いた次元縮小法と高次元索引機構, 情報処理学会論文誌:データベース, Vol. 43, No. SIG2(TOD13), pp. 168–178, Mar. 2002.
- [4] 古瀬一隆, 石川雅弘, 陳漢雄, 大保信夫. 次元数のばらつきに対応した一般射影クラスタリング, 情報処理学会論文誌:データベース, Vol. 43, No. SIG2(TOD13). pp. 193–202, Mar. 2002.
- [5] 崔超遠, 陳漢雄, 古瀬一隆, 大保信夫. グローバル分析とローカル分析に基づく検索支援, 情報処理学会論文誌:データベース, Vol. 45, No. SIG14(TOD24), pp. 54–63, Dec. 2004.
- [6] Jiyuan An, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. CVA-file: An Index Structure for High-Dimensional Datasets, Knowledge and Information Systems, Vol. 7, No. 3, pp. 337–357, Mar. 2005.
- [7] Jianquan Liu, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Improving User’s Web Search Experience by Interactive Re-ranking and Zooming Interfaces, Journal of Information Management, Vol. 7, No. 1, pp. 35–43, Feb. 2009.
- [8] Hanxiong Chen, Jianquan Liu, Kazutaka Furuse, Jeffrey X Yu, and Nobuo Ohbo, Indexing Expensive Functions for Efficient Multi-dimensional Similarity Search, Knowledge and Information Systems, Vol. 27, No. 2, pp. 165–192. May 2011.
- [9] 佐藤聡, 杉木章義, 陳漢雄, 古瀬一隆, 片岸一起, 中井央, 稜川友宏, 前田敦司, 和田耕一, 東日本大震災時の筑波大学情報インフラにおける対応と課題, 情報処理学会論文誌, Vol. 54, No. 3, pp. 1038–1049, Mar. 2013.

査読付レター論文

- [1] 大桃諭, 陳漢雄, 古瀬一隆, 大保信夫, Adaptive Time Warping, 日本データベース学会 Letters, Vol. 2, No. 2, pp. 57-60, Oct. 2003.
- [2] 能登谷淳一, 古瀬一隆. 実体化 XQuery ビューの差分更新, 日本データベース学会 Letters, Vol. 3, No. 2, pp. 21-24, Sep. 2004.
- [3] 大桃諭, 陳漢雄, 古瀬一隆, 大保信夫. タイムワーピングに基づく時系列データの類似検索: 次元縮小による効率化, 日本データベース学会 Letters, Vol. 4, No. 2, pp. 17-20, June 2005.

- [4] 石川雅弘, 吉川昂伯, 陳漢雄, 古瀬一隆, 大保信夫. 類似部分検索のためのタイムワーピング距離の下限值計算, 日本データベース学会 Letters, Vol. 6, No. 1, pp. 25-28, June 2007.

査読付国際会議論文

- [1] Kazutaka Furuse, Kazunori Yamaguchi, Hiroyuki Kitagawa, Nobuo Ohbo, and Yuzuru Fujiwara. Generalized Access Method Independent of Data Types in the Extensible DBMS MODUS, Proceedings of the 5th International Conference on New Information Technology, pp. 157-168, Hong Kong, Dec. 1992.
- [2] Kazutaka Furuse, Jeffrey Xu Yu, Kazunori Yamaguchi, Hiroyuki Kitagawa, and Nobuo Ohbo. A Guideline for Implementing Access Method Modules in Extensible DBMS MODUS, Proceedings of the 4th Australian Database Conference, pp. 39-54, Brisbane, Australia, Feb. 1993.
- [3] Kazutaka Furuse, Kazunori Yamaguchi, Hiroyuki Kitagawa, and Nobuo Ohbo. Abstract Indexing Mechanism of the Extensible DBMS MODUS, Proceedings of the 3rd International Symposium on Database Systems for Advanced Applications, pp. 189-196, Daejon, Korea, Apr. 1993.
- [4] Kazutaka Furuse, Kazushige Asada, and Atsushi Iizawa. Implementation and Performance Evaluation of Compressed Bit-Sliced Signature Files, Proceedings of the 6th International Conference on Information Systems and Management of Data, Lecture Notes in Computer Science, Vol. 1006, pp. 164-177, Bombay, India, Nov. 1995.
- [5] Masahiro Ishikawa, Ye Liu, Kazutaka Furuse, Hanxiong Chen, and Nobuo Ohbo. MST Construction with Metric Matrix for Clustering, Proceedings of 5th IFIP 2.6 Working Conference on Visual Database Systems, pp. 329-338, Fuukoka, Japan, May 2000.
- [6] Masahiro Ishikawa, Hanxiong Chen, Kazutaka Furuse, Jeffrey Xu Yu, and Nobuo Ohbo. MB+Tree: A Dynamically Updatable Metric Index for Similarity Searches, Proceedings of the 1st International Conference on Web-Age Information Management, Lecture Notes in Computer Science, Vol. 1846, pp. 356-373, Shanghai, China, June 2000.
- [7] Xiaowei Kan, Toshikazu Ohwada, Kazushige Asada, Atsushi Iizawa, and Kazutaka Furuse. FBDA: A Filtering Mechanism Based on Distance Approximation, Proceedings of 7th International Conference on Database Systems for Advanced Applications, pp. 162-163, Hong Kong, China, Apr. 2001.
- [8] Kazutaka Furuse, Takayuki Miura, Masahiro Ishikawa, Hanxiong Chen, and Nobuo Ohbo. Applying the Branch and Bound Technique to Document Similarity Search, Proceedings of the 2001 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, pp. 331-336, Victoria, Canada, Aug. 2001.

- [9] Hanxiong Chen, Jeffrey Xu Yu, Kazutaka Furuse, and Nobuo Ohbo. Support IR Query Refinement by Partial Keyword Set, Proceedings of the 2nd International Conference on Web Information Systems Engineering, pp. 226-234, Kyoto, Japan, Dec. 2001.
- [10] Jiyuan An, Hanxiong Chen, Kazutaka Furuse, Masahiro Ishikawa, and Nobuo Ohbo. The Convex Polyhedra Technique: An Index Structure for High-dimensional Space, Proceedings of the 13th Australian Database Conference, pp. 33-40, Melbourne, Australia, Jan. 2002.
- [11] Jiyuan An, Hanxiong Chen, Kazutaka Furuse, Masahiro Ishikawa, and Nobuo Ohbo. A Vector-wise Dimensionality Reduction for Indexing High Dimensional Data, Proceedings of the Pan-Yellow-Sea International Workshop on Information Technologies for Network Era, pp. 135-142, Saga, Japan, Mar. 2002.
- [12] Hanxiong Chen, Jiyuan An, Kazutaka Furuse, and Nobuo Ohbo. C²VA: Trim High Dimensional Indexes, Proceedings of the Third International Conference on Web-Age Information Management, Lecture Notes in Computer Science, Vol. 2419, pp. 303-315, Beijing, China, Aug. 2002.
- [13] Xiaowei Kan, Kazushige Asada, Atsushi Iizawa, and Kazutaka Furuse. 2DS: A Two-Dimensional Scheduling Scheme for Data Broadcast, Proceedings of the IASTED International Conference on Information Systems and Databases, pp. 110-115, Tokyo, Japan, Sep. 2002.
- [14] Jiyuan An, Hanxiong Chen, Kazutaka Furuse, Nobuo Ohbo, and Eamonn Keogh. Grid-Based Indexing for Large Time Series Databases, Proceedings of Fourth International Conference on Intelligent Data Engineering and Automated Learning, Lecture Notes in Computer Science, Vol. 2690, pp. 614-621, Hong Kong, Mar. 2003.
- [15] Hanxiong Chen, Kazutaka Furuse, Nobuo Ohbo, Seiichi Nishihara. Improving Collaborative Filtering by W-Clustering, Proceedings of the IASTED International Conference on Databases and Applications, pp. 81-86, Innsbruck, Austria, Feb. 2004.
- [16] Chaoyuan Cui, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Web Query Refinement without Information Loss, Proceedings of the Sixth Asia Pacific Web Conference, Lecture Notes in Computer Science, Vol. 3007, pp. 363-372, Hangzhou, China, Apr. 2004.
- [17] Chaoyuan Cui, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Adaptive Query Refinement Based on Global and Local Analysis, Proceedings of the Second International Conference on Fuzzy Systems and Knowledge Discovery, Lecture Notes in Artificial Intelligence, Vol. 3613, pp. 584-593, Changsha, China, Aug. 2005.
- [18] Yanmin Luo, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Finding Aggregate Nearest Neighbor Efficiently without Indexing, Proceedings of the Second International Conference on Scalable Information Systems, Suzhou, China, June 2007.

- [19] Hanxiong Chen, Kousuke Yamamoto, Kazutaka Furuse, and Nobuo Ohbo. Supporting Web Search with Near Keywords, Proceedings of the 4th International Conference on Fuzzy Systems and Knowledge Discovery, pp. 411–416, Haikou, China, Aug. 2007.
- [20] Yanmin Luo, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Efficient Methods in Finding Aggregate Nearest Neighbor by Projection-based Filtering, Proceedings of the International Conference on Computational Science and Its Applications, Lecture Notes in Computer Science, Vol. 4707, pp. 821–833, Kuala Lumpur, Malaysia, Aug. 2007.
- [21] Jianquan Liu, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Using An Interactive Interface to Support Web Search for Improving User Experience, Proceedings of the First IEEE International Conference on the Applications of Digital Information and Web Technologies, pp. 210–215, Ostrava, Czech, Aug. 2008.
- [22] Sansarkhuu Namnandorj, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Efficient Bounds in Finding Aggregate Nearest Neighbors, Proceedings of the Nineteenth International Conference on Database and Expert Systems Applications, Lecture Notes in Computer Science, Vol. 5181, pp. 693–700, Turin, Italy, Sep. 2008.
- [23] Kazutaka Furuse, Keiichi Sato, Hanxiong Chen, and Nobuo Ohbo. A Materialized View Selection Technique for XPath Queries, Proceedings of the Second European Computing Conference, pp. 287–292, Malta, Sep. 2008.
- [24] Hanxiong Chen, Jianquan Liu, Kazutaka Furuse, Jeffrey Xu Yu, and Nobuo Ohbo. Indexing the Function: An Efficient Algorithm for Multi-dimensional Search with Expensive Distance Functions, Proceedings of the International Conference on Advanced Data Mining and Applications, pp. 67–78, Beijing, China, Aug. 2009
- [25] Jianquan Liu, Hanxiong Chen, Kazutaka Furuse, and Nobuo Ohbo. Extracting Related Words from Anchor Text Clusters by Focusing on the Page Designer’s Intention, Proceedings of the Twentieth International Conference on Database and Expert Systems Applications, Lecture Notes in Computer Science, Vol. 5690, pp. 451–459, Linz, Austria, Sep. 2009.
- [26] Jianquan Liu, Hanxiong Chen, Kazutaka Furuse, and Hiroyuki Kitagawa. An Efficient Algorithm for Reverse Furthest Neighbors Query with Metric Index, Proceedings of the The Twenty First International Conference on Database and Expert Systems Applications, pp. 437–451, Bilbao, Spain, Sep. 2010.
- [27] Kazutaka Furuse, Hiroaki Ohmura, Hanxiong Chen, and Hiroyuki Kitagawa. An Extended Method for Finding Related Web Pages with Focused Crawling Techniques, Proceedings of the 15th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, Lecture Notes in Artificial Intelligence, Vol. 6882, pp. 21–30, Kaiserslautern, Germany, Sep. 2011.

- [28] Jianquan Liu, Hanxiong Chen, Kazutaka Furuse, and Hiroyuki Kitagawa. An Efficient Algorithm for Arbitrary Reverse Furthest Neighbor Queries, Proceedings of the 14th Asia-Pacific Web Conference (APWeb), Lecture Notes in Computer Science, Vol. 7235, pp. 70–72, Kunming, China, Apr. 2012,
- [29] Atsuhiko Ishikawa, Hanxiong Chen, and Kazutaka Furuse. Efficient Reverse Far Neighbors Search, Proceedings of the 9th International Conference on Digital Information Management, pp. 214–219, Bangkok, Thailand, Sep. 2014.