```
f = open("refs.bib",'r')
s = f.readline()
while s!='':
    if s.find('@')>-1:print s.split('{'})[1][:-2],
    s = f.readline()
```

## References

- [1] S. Gollapudi and R. Panigrahy, "The power of two min-hashes for similarity search among hierarchical data objects," in *Proceedings of the twenty-seventh ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems*, PODS '08, (New York, NY, USA), pp. 211–220, ACM, 2008.
- [2] A. Vardy and Y. Be'ery, "Maximum likelihood decoding of the leech lattice," *Information Theory, IEEE Transactions on*, vol. 39, pp. 1435–1444, jul 1993.
- [3] D. G. Lowe, "Object recognition from local scale-invariant features," in *Computer Vision*, 1999. The Proceedings of the Seventh IEEE International Conference on, vol. 2, pp. 1150–1157, 1999.
- [4] N. V. I. D. I. A. Corporation, "Nvidia cuda c programming guide," 2010. Version 3.2.
- [5] F.-W. Sun and H. C. A. van Tilborg, "The leech lattice, the octacode, and decoding algorithms," *Information Theory, IEEE Transactions on*, vol. 41, pp. 1097–1106, jul 1995.
- [6] A. R. Calderbank, "The art of signaling: fifty years of coding theory," *Information Theory, IEEE Transactions on*, vol. 44, pp. 2561–2595, oct 1998.
- [7] O. Amrani, Y. Be'ery, A. Vardy, F.-W. Sun, and H. C. A. van Tilborg, "The leech lattice and the golay code: bounded-distance decoding and multilevel constructions," *Information Theory, IEEE Transactions on*, vol. 40, pp. 1030–1043, jul 1994.
- [8] D. G. Lowe, "Distinctive image features from scale-invariant keypoints," *Int. J. Comput. Vision*, vol. 60, pp. 91–110, November 2004.
- [9] A. Andoni, *Nearest Neighbor Search: the Old, the New, and the Impossible*. PhD thesis, MAS-SACHUSETTS INSTITUTE OF TECHNOLOGY, September 2009.
- [10] R. Panigrahy, "Entropy based nearest neighbor search in high dimensions," in *Proceedings of the seventeenth annual ACM-SIAM symposium on Discrete algorithm*, SODA '06, (New York, NY, USA), pp. 1186–1195, ACM, 2006.
- [11] V. Tarokh and I. F. Blake, "Trellis complexity versus the coding gain of lattices. i," *Information Theory, IEEE Transactions on*, vol. 42, pp. 1796–1807, nov 1996.
- [12] V. Tarokh and I. F. Blake, "Trellis complexity versus the coding gain of lattices. i," *Information Theory, IEEE Transactions on*, vol. 42, pp. 1796–1807, nov 1996.
- [13] F.-w. Sun, *Decoding Techniques and Modulations Scheme for Band-Limited Communication Channels*. PhD thesis, Technical University of Eidenhoven, February 1994.
- [14] A. Andoni and P. Indyk, "Near-optimal hashing algorithms for approximate nearest neighbor in high dimensions," *Commun. ACM*, vol. 51, pp. 117–122, January 2008.
- [15] G. Griffin, A. Holub, and P. Perona, "Caltech-256 object category dataset," Tech. Rep. 7694, 2007.

- [16] O. Amrani and Y. Beery, "Efficient bounded-distance decoding of the hexacode and associated decoders for the leech lattice and the golay code," *Communications, IEEE Transactions on*, vol. 44, pp. 534–537, may 1996.
- [17] B. Georgescu, I. Shimshoni, and P. Meer, "Mean shift based clustering in high dimensions: a texture classification example," in *Computer Vision*, 2003. Proceedings. Ninth IEEE International Conference on, pp. 456–463, oct. 2003.
- [18] M. Fashing and C. Tomasi, "Mean shift is a bound optimization," *Pattern Analysis and Machine Intelligence, IEEE Transactions on*, vol. 27, pp. 471–474, march 2005.
- [19] A. Andoni and P. Indyk, "Near-optimal hashing algorithms for approximate nearest neighbor in high dimensions," in *Foundations of Computer Science*, 2006. FOCS '06. 47th Annual IEEE Symposium on, pp. 459–468, oct. 2006.
- [20] L. Paulevé, H. Jégou, and L. Amsaleg, "Locality sensitive hashing: A comparison of hash function types and querying mechanisms," *Pattern Recognition Letters*, vol. 31, no. 11, pp. 1348–1358, 2010.
- [21] J. Leech, "Notes on sphere packings," Canadian Journal of Mathematics, 1967.
- [22] . J. Forney, G. D., "A bounded-distance decoding algorithm for the leech lattice, with generalizations," *Information Theory, IEEE Transactions on*, vol. 35, pp. 906–909, jul 1989.
- [23] . A. L. . S. C. . G. P. Jégou, H., "Query-adaptive locality sensitive hashing," 2008.
- [24] H. Samet, Foundations of Multidimensional and Metric Data Structures. Morgan Kaufmann, 2006.
- [25] J. Conway and N. Sloane, *Sphere Packings Lattices and Groups Third Edition*. New York: Springer, 1998.
- [26] Q. Lv, W. Josephson, Z. Wang, M. Charikar, and K. Li, "Multi-probe lsh: efficient indexing for high-dimensional similarity search," in *Proceedings of the 33rd international conference on Very large data bases*, VLDB '07, pp. 950–961, VLDB Endowment, 2007.
- [27] S. Har-Peled, "A replacement for voronoi diagrams of near linear size," in *Foundations of Computer Science*, 2001. Proceedings. 42nd IEEE Symposium on, pp. 94–103, oct. 2001.
- [28] D. Forney, "Chapter 14: Introduction to lattice and trellis codes." Lecture: Principles of Digital Communication, 2005.
- [29] R. Weber, H.-J. Schek, and S. Blott, "A quantitative analysis and performance study for similarity-search methods in high-dimensional spaces," in *Proceedings of the 24rd International Conference on Very Large Data Bases*, VLDB '98, (San Francisco, CA, USA), pp. 194–205, Morgan Kaufmann Publishers Inc., 1998.
- [30] P. Indyk and R. Motwani, "Approximate nearest neighbors: towards removing the curse of dimensionality," in *Proceedings of the thirtieth annual ACM symposium on Theory of computing*, STOC '98, (New York, NY, USA), pp. 604–613, ACM, 1998.
- [31] M. Datar, N. Immorlica, P. Indyk, and V. S. Mirrokni, "Locality-sensitive hashing scheme based on p-stable distributions," in *Proceedings of the twentieth annual symposium on Computational geometry*, SCG '04, (New York, NY, USA), pp. 253–262, ACM, 2004.
- [32] P. V. Huffman W., Fundamentals of Error-Correcting Codes. Cambridge University Press, 1 ed., 2003.

- [33] S. B. Wicker, *Error control systems for digital communication and storage*. Upper Saddle River, NJ, USA: Prentice-Hall, Inc., 1995.
- [34] P. Woelfel, "Asymmetric balanced allocation with simple hash functions," in *Proceedings of the seventeenth annual ACM-SIAM symposium on Discrete algorithm*, SODA '06, (New York, NY, USA), pp. 424–433, ACM, 2006.
- [35] A. Ostlin and R. Pagh, "Uniform hashing in constant time and linear space," in *Proceedings of the thirty-fifth annual ACM symposium on Theory of computing*, STOC '03, (New York, NY, USA), pp. 622–628, ACM, 2003.
- [36] H. Cohn and A. Kumar, "Optimality and uniqueness of the leech lattice among lattices," tech. rep., 2004.
- [37] M. Muja and D. G. Lowe, "Fast approximate nearest neighbors with automatic algorithm configuration," in *International Conference on Computer Vision Theory and Application VISSAPP'09*), pp. 331–340, INSTICC Press, 2009.
- [38] A. Thyssen, ImageMagick v6 Examples Reference Index, 2010.
- [39] R. T. Curtis, "A new combinatorial approach to m24," *Mathematical Proceedings of the Cambridge Philosophical Society*, vol. 79, no. 01, pp. 25–42, 1976.
- [40] G. Shakhnarovich, P. A. Viola, and T. Darrell, "Fast pose estimation with parameter-sensitive hashing," in *ICCV*, 9th IEEE International Conference on Computer Vision (ICCV 2003), 14-17 October 2003, Nice, France, pp. 750–759, IEEE Computer Society, 2003.
- [41] . J. Forney, G. D. and G. Ungerboeck, "Modulation and coding for linear gaussian channels," *Information Theory, IEEE Transactions on*, vol. 44, pp. 2384–2415, oct 1998.
- [42] R. W. Irving, P. Leather, and D. Gusfield, "An efficient algorithm for the optimal stable marriage," *J. ACM*, vol. 34, pp. 532–543, July 1987.
- [43] K. Terasawa and Y. Tanaka, "Spherical lsh for approximate nearest neighbor search on unit hypersphere," in *WADS*, pp. 27–38, 2007.
- [44] V. Garcia, E. Debreuve, and M. Barlaud, "Fast k nearest neighbor search using gpu," in *CVPR Workshop on Computer Vision on GPU*, (Anchorage, Alaska, USA), June 2008.
- [45] F. Li and R. Klette, "A variant of adaptive mean shift-based clustering," in *Proceedings of the 15th international conference on Advances in neuro-information processing Volume Part I*, ICONIP'08, (Berlin, Heidelberg), pp. 1002–1009, Springer-Verlag, 2009.
- [46] D. R. Karger, "Minimum cuts in near-linear time," J. ACM, vol. 47, pp. 46–76, January 2000.
- [47] A. Rajaraman and J. D. Ullman, Mining of Massive Datasets. Cambridge University Press, 2011.
- [48] M. d. Berg, M. v. Kreveld, and M. O. . . . . e. a. ], *Computational geometry : algorithms and applications*. Berlin: Springer, 2000.
- [49] K. Beyer, J. Goldstein, R. Ramakrishnan, and U. Shaft, "When is "nearest neighbor" meaningful?," in *In Int. Conf. on Database Theory*, pp. 217–235, 1999.
- [50] P. Harish and P. J. Narayanan, "Accelerating large graph algorithms on the gpu using cuda," in *Proceedings of the 14th international conference on High performance computing*, HiPC'07, (Berlin, Heidelberg), pp. 197–208, Springer-Verlag, 2007.

- [51] K. Zhou, Q. Hou, R. Wang, and B. Guo, "Real-time kd-tree construction on graphics hardware," *ACM Trans. Graph.*, vol. 27, pp. 126–1, dec 2008.
- [52] J. Freeman, "Parallel algorithms for depth-first search," Tech. Rep. MS-CIS-91-71, October 1991.
- [53] N. Bell and M. Garland, "Efficient sparse matrix-vector multiplication on cuda," Tech. Rep. NVR-2008-004, dec 2008.
- [54] D. M. Mount and S. A., "Ann: A library for approximate nearest neighbor searching," 1998.
- [55] S. Arya and H.-Y. A. Fu, "Expected-case complexity of approximate nearest neighbor searching," in *Proceedings of the eleventh annual ACM-SIAM symposium on Discrete algorithms*, SODA '00, (Philadelphia, PA, USA), pp. 379–388, Society for Industrial and Applied Mathematics, 2000.
- [56] S. Kaski, "Dimensionality reduction by random mapping: Fast similarity computation for clustering," 1998.
- [57] R. Hecht-Nielsen, "Context vectors: general purpose approximate meaning representations self-organized from raw data," *Computational intelligence: Imitating life*, pp. 43–56, 1994.
- [58] D. Comaniciu and P. Meer, "Mean shift: a robust approach toward feature space analysis," *Pattern Analysis and Machine Intelligence, IEEE Transactions on*, vol. 24, pp. 603–619, may 2002.
- [59] E. Bingham and H. Mannila, "Random projection in dimensionality reduction: Applications to image and text data," in *in Knowledge Discovery and Data Mining*, pp. 245–250, ACM Press, 2001.
- [60] C. Boutsidis, A. Zouzias, and P. Drineas, "Random projections for *k*-means clustering," *CoRR*, vol. abs/1011.4632, 2010.
- [61] 1. Carraher, "A parallel algorithm for query adaptive, locality sensitive hash search," 2012.
- [62] W. Carraher, "A gpgpu algorithm for c-approximate r-nearest neighbor search in high dimensions," 2012.
- [63] B. M. Marlin, D. C. Kale, R. G. Khemani, and R. C. Wetzel, "Unsupervised pattern discovery in electronic health care data using probabilistic clustering models," in *Proceedings of the 2nd ACM* SIGHIT International Health Informatics Symposium, IHI '12, (New York, NY, USA), pp. 389– 398, ACM, 2012.
- [64] A. Vattani, "k-means requires exponentially many iterations even in the plane," in *Proceedings* of the 25th annual symposium on Computational geometry, SCG '09, (New York, NY, USA), pp. 324–332, ACM, 2009.
- [65] K. R. Sivaramakrishnan, K. Karthik, and C. Bhattacharyya, "Kernels for large margin timeseries classification," in *Neural Networks*, 2007. IJCNN 2007. International Joint Conference on, pp. 2746–2751, aug. 2007.
- [66] T. W. Liao, "Clustering of time series data—a survey," *Pattern Recognition*, vol. 38, no. 11, pp. 1857–1874, 2005.
- [67] L. Liu, W. Zuo, D. Zhang, and D. Zhang, "Learning with multiple gaussian distance kernels for time series classification," in *Advanced Computer Control (ICACC)*, 2011 3rd International Conference on, pp. 624–628, jan. 2011.
- [68] P. Sung, Z. Syed, and J. Guttag, "Quantifying morphology changes in time series data with skew," in Acoustics, Speech and Signal Processing, 2009. ICASSP 2009. IEEE International Conference on, pp. 477–480, april 2009.

- [69] D. Dilts, J. Khamalah, and A. T. I. T. L. E. Plotkin, "Using cluster analysis for medical resource decision making," *Med Decis Making*, vol. 15, no. 4, pp. 333–47.
- [70] M. A. Carreira-Perpinan, "Gaussian mean-shift is an em algorithm," *Pattern Analysis and Machine Intelligence, IEEE Transactions on*, vol. 29, pp. 767–776, may 2007.
- [71] A. S. Foundation, *Apache Mahout:: Scalable machine-learning and data-mining library*, April 2011.
- [72] T. W. Liao, "Clustering of time series data—a survey," *Pattern Recognition*, vol. 38, pp. 1857–1874, 2005.
- [73] M. Saeed, M. Villarroel, A. T. Reisner, G. Clifford, L.-W. Lehman, G. Moody, T. Heldt, T. H. Kyaw, B. Moody, and R. G. Mark, "Multiparameter intelligent monitoring in intensive care ii (mimic-ii): A public-access intensive care unit database," *Critical Care Medicine*, vol. 39, pp. 952–960, May 2011.
- [74] T. Hofmann, "Unsupervised learning by probabilistic latent semantic analysis," *Mach. Learn.*, vol. 42, pp. 177–196, jan 2001.
- [75] Y. Yang and K. Chen, "Temporal data clustering via weighted clustering ensemble with different representations," *Knowledge and Data Engineering, IEEE Transactions on*, vol. 23, pp. 307–320, feb. 2011.
- [76] F. Li and R. Klette, "A variant of adaptive mean shift-based clustering," in *ICONIP* (1), pp. 1002–1009, 2008.
- [77] M. Arias, A. Troncoso, and J. Riquelme, "Advances in intelligent systems and computing: Application to atmospheric pollutants," in *Soft Computing Models in Industrial and Environmental Applications* (V. Snášel, A. Abraham, and E. S. Corchado, eds.), vol. 188, ch. A Kernel for Time Series Classification, pp. 417–426, Springer Berlin Heidelberg, 2013.
- [78] K. R. Sivaramakrishnan, K. Karthik, and C. Bhattacharyya, "Kernels for large margin timeseries classification," in *Neural Networks*, 2007. *IJCNN* 2007. *International Joint Conference on*, pp. 2746–2751, aug. 2007.
- [79] G. D. H. E. Gymrek M, McGuire AL and E. Y, "Identifying personal genomes by surname inference," *Science*, no. 339, pp. 321–324, 2013.
- [80] X. Ding, L. Zhang, Z. Wan, and M. Gu, "A brief survey on de-anonymization attacks in online social networks," in *Computational Aspects of Social Networks (CASoN)*, 2010 International Conference on, pp. 611–615, 2010.
- [81] A. Narayanan and V. Shmatikov, "Robust de-anonymization of large sparse datasets," in *Security and Privacy*, 2008. SP 2008. IEEE Symposium on, pp. 111–125, 2008.
- [82] M. Azzouzi and I. T. Nabney, "Analysing time series structure with hidden markov models," in Neural Networks for Signal Processing VIII, 1998. Proceedings of the 1998 IEEE Signal Processing Society Workshop, pp. 402–408, 1998.
- [83] P. K. Dash, M. Nayak, M. R. Senapati, and I. W. C. Lee, "Mining for similarities in time series data using wavelet-based feature vectors and neural networks," *Engineering Applications of Artificial Intelligence*, vol. 20, no. 2, pp. 185–201, 2007. ¡ce:title¿Special Issue on Applications of Artificial Intelligence in Process Systems Engineering;/ce:title¿.
- [84] K. B. PRATT and E. FINK, "Search for patterns in compressed time series," *International Journal of Image and Graphics*, vol. 02, no. 01, pp. 89–106, 2002.

- [85] F. Korn, H. V. Jagadish, and C. Faloutsos, "Efficiently supporting ad hoc queries in large datasets of time sequences," *SIGMOD Rec.*, vol. 26, pp. 289–300, jun 1997.
- [86] Y.-L. Wu, D. Agrawal, and A. El Abbadi, "A comparison of dft and dwt based similarity search in time-series databases," in *Proceedings of the ninth international conference on Information and knowledge management*, CIKM '00, (New York, NY, USA), pp. 488–495, ACM, 2000.
- [87] T.-c. Fu, "A review on time series data mining," *Eng. Appl. Artif. Intell.*, vol. 24, pp. 164–181, feb 2011.
- [88] S. S. Vempala, *The Random Projection Method*. DIMACS Series, American Mathematical Society, 2004.
- [89] X. Z. Fern and C. E. Brodley, "Random projection for high dimensional data clustering: A cluster ensemble approach,"
- [90] T. Urruty, C. Djeraba, and D. Simovici, "Lecture notes in computer science," in *Advances in Data Mining. Theoretical Aspects and Applications* (P. Perner, ed.), vol. 4597, ch. Clustering by Random Projections, pp. 107–119, Springer Berlin Heidelberg, 2007.
- [91] S. Dasgupta, "Experiments with random projection," in *Proceedings of the Sixteenth conference on Uncertainty in artificial intelligence*, UAI'00, (San Francisco, CA, USA), pp. 143–151, Morgan Kaufmann Publishers Inc., 2000.
- [92] D.-Q. Zhang and S.-C. Chen, "Clustering incomplete data using kernel-based fuzzy c-means algorithm," *Neural Processing Letters*, vol. 18, no. 3, pp. 155–162, 2003.
- [93] R. J. Hathaway and J. C. Bezdek, "Fuzzy c-means clustering of incomplete data," *Systems, Man, and Cybernetics, Part B: Cybernetics, IEEE Transactions on*, vol. 31, no. 5, pp. 735–744, 2001.
- [94] J. C. Bezdek, R. Ehrlich, and W. Full, "Fcm: The fuzzy c-means clustering algorithm," *Computers & Geosciences*, vol. 10, no. 2–3, pp. 191–203, 1984.
- [95] R. E. Ladner and M. J. Fischer, "Parallel prefix computation," *J. ACM*, vol. 27, pp. 831–838, oct 1980.
- [96] A. Vardy, "Even more efficient bounded-distance decoding of the hexacode, the golay code, and the leech lattice," *Information Theory, IEEE Transactions on*, vol. 41, no. 5, pp. 1495–1499, 1995.
- [97] M. Chowdhury, M. Zaharia, and I. Stoica, "Performance and scalability of broadcast in spark,"
- [98] K. Shvachko, H. Kuang, S. Radia, and R. Chansler, "The hadoop distributed file system," in *Proceedings of the 2010 IEEE 26th Symposium on Mass Storage Systems and Technologies (MSST)*, MSST '10, (Washington, DC, USA), pp. 1–10, IEEE Computer Society, 2010.
- [99] J. Dean and S. Ghemawat, "Mapreduce: Simplified data processing on large clusters," *Commun. ACM*, vol. 51, pp. 107–113, jan 2008.
- [100] D. Achlioptas, "Database-friendly random projections," in *Proceedings of the twentieth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems*, pp. 274–281, 2001.
- [101] M. Al-Razgan and C. Domeniconi, "Weighted clustering ensembles," in *Proceedings of the SIAM international conference on data mining*, pp. 258–269, 2006.
- [102] R. Avogadri and G. Valentini, "Fuzzy ensemble clustering based on random projections for dna microarray data analysis," *Artificial Intelligence in Medicine*, vol. 45, no. 2, pp. 173–183, 2009.

- [103] I. Florescu, A. Molyboha, and A. Myasnikov, "Scaling and convergence of projection sampling," 2009.
- [104] M. Ester, H.-P. Kriegel, J. Sander, and X. Xu, "A density-based algorithm for discovering clusters in large spatial databases with noise.," in *KDD*, vol. 96, pp. 226–231, 1996.
- [105] R. T. Ng and J. Han, "Clarans: A method for clustering objects for spatial data mining," *Knowledge and Data Engineering, IEEE Transactions on*, vol. 14, no. 5, pp. 1003–1016, 2002.
- [106] C. C. Aggarwal, J. L. Wolf, P. S. Yu, C. Procopiuc, and J. S. Park, "Fast algorithms for projected clustering," in *ACM SIGMOD Record*, vol. 28, pp. 61–72, 1999.
- [107] R. Agrawal, J. Gehrke, D. Gunopulos, and P. Raghavan, *Automatic subspace clustering of high dimensional data for data mining applications*, vol. 27. ACM, 1998.
- [108] S. Dasgupta, *The hardness of k-means clustering*. Department of Computer Science and Engineering, University of California, San Diego, 2008.
- [109] M. Mahajan, P. Nimbhorkar, and K. Varadarajan, "The planar k-means problem is np-hard," in *WALCOM: Algorithms and Computation* (S. Das and R. Uehara, eds.), vol. 5431, ch. Lecture Notes in Computer Science, pp. 274–285, Springer Berlin Heidelberg, 2009.
- [110] T. Urruty, C. Djeraba, and D. A. Simovici, "Clustering by random projections," in *Advances in Data Mining. Theoretical Aspects and Applications*, pp. 107–119, Springer, 2007.
- [111] "Privacy and progress in whole genome sequencing," report to the president, Presidential Commission for the Study of Bioethical Issues, Washington, October 2012.
- [112] R. Kohavi and D. Sommerfield, "Feature subset selection using the wrapper method: Overfitting and dynamic search space topology.," in *KDD*, pp. 192–197, 1995.
- [113] P. S. Bradley, O. L. Mangasarian, and W. N. Street, "Clustering via concave minimization," *Advances in neural information processing systems*, pp. 368–374, 1997.
- [114] G. Reeves and M. Gastpar, "Sampling bounds for sparse support recovery in the presence of noise," in *Information Theory*, 2008. *ISIT 2008. IEEE International Symposium on*, pp. 2187–2191, July 2008.
- [115] R. Xu and I. I. Wunsch, D., "Survey of clustering algorithms," *Neural Networks, IEEE Transactions on*, vol. 16, pp. 645–678, May 2005.
- [116] L. A. Carraher, P. A. Wilsey, and F. S. Annexstein, "A gpgpu algorithm for c-approximate rnearest neighbor search in high dimensions," in *Parallel and Distributed Processing Symposium Workshops PhD Forum (IPDPSW)*, 2013 IEEE 27th International, pp. 2079–2088, May 2013.
- [117] J. Bourgain, "On lipschitz embedding of finite metric spaces in hilbert space," *Israel Journal of Mathematics*, vol. 52, no. 1-2, pp. 46–52, 1985.
- [118] J. Magidson and J. Vermunt, "Latent class models for clustering: A comparison with k-means," *Canadian Journal of Marketing Research*, vol. 20, no. 1, pp. 36–43, 2002.
- [119] U. V. Luxburg and S. Ben-david, "Towards a statistical theory of clustering," in *In PASCAL workshop on Statistics and Optimization of Clustering*, 2005.
- [120] I. Dhillon and D. Modha, "A data-clustering algorithm on distributed memory multiprocessors," in *Large-Scale Parallel Data Mining* (M. Zaki and C.-T. Ho, eds.), vol. 1759, ch. Lecture Notes in Computer Science, pp. 245–260, Springer Berlin Heidelberg, 2000.

- [121] G. M. Amdahl, "Validity of the single processor approach to achieving large scale computing capabilities," in *Proceedings of the April 18-20, 1967, Spring Joint Computer Conference*, AFIPS '67 (Spring), (New York, NY, USA), pp. 483–485, ACM, 1967.
- [122] B.-H. Park and H. Kargupta, "Distributed data mining: Algorithms, systems, and applications," pp. 341–358, 2002.
- [123] T. Tamura, M. Oguchi, and M. Kitsuregawa, "Parallel database processing on a 100 node pc cluster: Cases for decision support query processing and data mining," *SC Conference*, vol. 0, p. 49, 1997.
- [124] J. Han, M. Kamber, and J. Pei, Data mining: concepts and techniques. Morgan kaufmann, 2006.
- [125] J. Waldo, G. Wyant, A. Wollrath, and S. Kendall, *A note on distributed computing*. Springer, 1997.
- [126] Y. Lindell and B. Pinkas, "Privacy preserving data mining," in *Advances in Cryptology CRYPTO 2000* (M. Bellare, ed.), vol. 1880, ch. Lecture Notes in Computer Science, pp. 36–54, Springer Berlin Heidelberg, 2000.
- [127] R. Grossman and Y. Gu, "Data mining using high performance data clouds: Experimental studies using sector and sphere," in *Proceedings of the 14th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, KDD '08, (New York, NY, USA), pp. 920–927, ACM, 2008.
- [128] M. J. Zaki and C.-T. Ho, Large-scale parallel data mining. No. 1759, Springer, 2000.
- [129] N. Ailon and B. Chazelle, "Approximate nearest neighbors and the fast johnson-lindenstrauss transform," in *Proceedings of the thirty-eighth annual ACM symposium on Theory of computing*, pp. 557–563, 2006.
- [130] A. Dasgupta, R. Kumar, and T. Sarlos, "A sparse johnson: Lindenstrauss transform," in *Proceedings of the Forty-second ACM Symposium on Theory of Computing*, STOC '10, (New York, NY, USA), pp. 341–350, ACM, 2010.
- [131] G. Webb, "Multiboosting: A technique for combining boosting and wagging," *Machine Learning*, vol. 40, no. 2, pp. 159–196, 2000.
- [132] S. Fortune, "A sweepline algorithm for voronoi diagrams," in *Proceedings of the Second Annual Symposium on Computational Geometry*, SCG '86, (New York, NY, USA), pp. 313–322, ACM, 1986.
- [133] R. Klein, "Abstract voronoi diagrams and their applications," in *Computational Geometry and its Applications* (H. Noltemeier, ed.), vol. 333, ch. Lecture Notes in Computer Science, pp. 148–157, Springer Berlin Heidelberg, 1988.
- [134] M. L. Gavrilova, "An explicit solution for computing the euclidean d-dimensional voronoi diagram of spheres in a floating-point arithmetic," in *Computational Science and Its Applications ICCSA 2003* (V. Kumar, M. Gavrilova, C. Tan, and P. L'Ecuyer, eds.), vol. 2669, ch. Lecture Notes in Computer Science, pp. 827–835, Springer Berlin Heidelberg, 2003.
- [135] R. Zass and A. Shashua, "A unifying approach to hard and probabilistic clustering," in *Computer Vision*, 2005. ICCV 2005. Tenth IEEE International Conference on, vol. 1, pp. 294–301, Oct 2005.
- [136] E. Agrell, T. Eriksson, A. Vardy, and K. Zeger, "Closest point search in lattices," *Information Theory, IEEE Transactions on*, vol. 48, pp. 2201–2214, Aug 2002.

- [137] S. Anders and W. Huber, "Differential expression analysis for sequence count data," *Genome biol*, vol. 11, no. 10, pp. –106, 2010.
- [138] T. M. Forum, "Mpi: A message passing interface," 1993.
- [139] M. R. Anderberg, "Cluster analysis for applications," tech. rep., 1973.
- [140] W. J. Reed and B. D. Hughes, "From gene families and genera to incomes and internet file sizes: Why power laws are so common in nature," *Physical Review E*, vol. 66, no. 6, p. 067103, 2002.
- [141] N. Ailon and E. Liberty, "Fast dimension reduction using rademacher series on dual bch codes," *Discrete & Computational Geometry*, vol. 42, no. 4, pp. 615–630, 2009.
- [142] N. Ailon and E. Liberty, "An almost optimal unrestricted fast johnson-lindenstrauss transform," *ACM Trans. Algorithms*, vol. 9, pp. 21–1, jun 2013.
- [143] E. Liberty, N. Ailon, and A. Singer, "Dense fast random projections and lean walsh transforms," in *Approximation, Randomization and Combinatorial Optimization. Algorithms and Techniques* (A. Goel, K. Jansen, J. P. Rolim, and R. Rubinfeld, eds.), vol. 5171, ch. Lecture Notes in Computer Science, pp. 512–522, Springer Berlin Heidelberg, 2008.