MG.Bibliography.bib — February 26, 1996

1. T.A.H. Bell and A. Moffat. Information filtering techniques under the vector-space model. In *Proc. Australasian Document Computing Symposium*, March 1996. To appear.

2. T.C. Bell, A. Moffat, C.G. Nevill-Manning, I.H. Witten, and J. Zobel. Data compression in full-text retrieval systems. *Journal of the American Society for Information Science*, 44(9):508–531, October 1993.

3. T.C. Bell, A. Moffat, and I.H. Witten. Compressing the digital library. In *Proc. Digital Libraries '94*, pages 41–46, College Station, Texas, June 1994.

4. T.C. Bell, A. Moffat, I.H. Witten, and J. Zobel. The MG retrieval system: compressing for space and speed. *Communications of the ACM*, 38(4):41–42, April 1995.

5. J. Katajainen, A. Moffat, and A. Turpin. A fast and space-economical algorithm for length-limited coding. In J. Staples, P. Eades, N. Katoh, and A. Moffat, editors, *Proc. International Symposium on Algorithms and Computation*, pages 12–21, Cairns, Australia, December 1995. LNCS 1004, Springer-Verlag.

6. A. Kent, A. Moffat, R. Sacks-Davis, R. Wilkinson, and J. Zobel. Compression, fast indexing, and structured queries on a gigabyte of text. In D.K. Harman, editor, *Proc. 1st Text REtrieval Conference (TREC–1)*, pages 229–243, Washington, November 1992. National Institute of Standards and Technology Special Publication 500-207.

7. A. Moffat. Two-level context based compression of binary images. In J.A. Storer and J.H. Reif, editors, *Proc. 1st IEEE Data Compression Conference*, pages 382–391. IEEE Computer Society Press, Los Alamitos, California, April 1991.

8. A. Moffat. Economical inversion of large text files. *Computing Systems*, 5(2):125–139, Spring 1992.

9. A. Moffat and T.A.H. Bell. In-situ generation of compressed inverted files. *Journal of the American Society for Information Science*, 46(7):537–550, August 1995.

10. A. Moffat and J. Katajainen. In-place calculation of minimum-redundancy codes. In S.G. Akl, F. Dehne, and J.-R. Sack, editors, *Proc. Workshop on Algorithms and Data Structures*, Kingston University, Canada, August 1995. LNCS 955, Springer-Verlag.

11. A. Moffat, R. Neal, and I.H. Witten. Arithmetic coding revisited. In J.A. Storer and M. Cohn, editors, *Proc. 5th IEEE Data Compression Conference*, pages 202–211, Snowbird, Utah, March 1995. IEEE Computer Society Press, Los Alamitos, California.

12. A. Moffat, N. Sharman, I.H. Witten, and T.C. Bell. An empirical evaluation of coding methods for multi-symbol alphabets. *Information Processing & Management*, 30(6):791–804, November 1994.

13. A. Moffat and L. Stuiver. Exploiting clustering in inverted file compression. In J.A. Storer and M. Cohn, editors, *Proc. 6th IEEE Data Compression Conference*, Snowbird, Utah, April 1996. IEEE Computer Society Press, Los Alamitos, CA. To appear.

14. A. Moffat and A. Turpin. On the implementation of minimum-redundancy prefix codes. In J.A. Storer and M. Cohn, editors, *Proc. 6th IEEE Data Compression Conference*, Snowbird, Utah, April 1996. IEEE Computer Society Press, Los Alamitos, CA. To appear.

15. A. Moffat, A. Turpin, and J. Katajainen. Space-efficient construction of optimal prefix codes. In J.A. Storer and M. Cohn, editors, *Proc. 5th IEEE Data Compression Conference*, pages 192–201, Snowbird, Utah, March 1995. IEEE Computer Society Press, Los Alamitos, California.

16. A. Moffat and J. Zobel. Self-indexing inverted files for fast text retrieval. *ACM Transactions on Information Systems*. To appear.

17. A. Moffat and J. Zobel. Coding for compression in full-text retrieval systems. In J.A. Storer and M.Cohn, editors, *Proc. 2'nd IEEE Data Compression Conference*, pages 72–81, Snowbird, Utah, March 1992. IEEE Computer Society Press, Los Alamitos, California.

18. A. Moffat and J. Zobel. Parameterised compression for sparse bitmaps. In N. Belkin, P. Ingwersen, and A.M. Pejtersen, editors, *Proc. 15th ACM SIGIR International Conference on Research and Development in Information Retrieval*, pages 274–285, Copenhagen, Denmark, June 1992. ACM Press, New York.

19. A. Moffat and J. Zobel. Supporting random access in files of variable length records. *Information Processing Letters*, 46(2):71–78, May 1993.

20. A. Moffat and J. Zobel. Compression and fast indexing for multi-gigabyte text databases. *Australian Computer Journal*, 26(1):1–9, February 1994.

21. A. Moffat and J. Zobel. Information retrieval systems for large document collections. In D.K. Harman, editor, *Proc. 3rd Text REtrieval Conference (TREC–3)*, pages 85–93, Washington, November 1994. National Institute of Standards and Technology Special Publication 500-225.

22. A. Moffat and J. Zobel. The MG retrieval system. In *Proc. 18th ACM SIGIR International Conference on Research and Development in Information Retrieval*, page 365, Seattle, Washington, July 1995.

23. A. Moffat, J. Zobel, and S.T. Klein. Improved inverted file processing for large text databases. In R. Sacks-Davis and J. Zobel, editors, *Proc. 6th Australasian Database Conference*, pages 162–171, Adelaide, January 1995.

24. A. Moffat, J. Zobel, and R. Sacks-Davis. Memory efficient ranking. *Information Processing & Management*, 30(6):733–744, November 1994.

25. A. Moffat, J. Zobel, and N. Sharman. Text compression for dynamic document databases. *IEEE Transactions on Knowledge and Data Engineering*. To appear.

26. M. Persin. Document filtering for fast ranking. In *Proc. 17th ACM SIGIR International Conference on Research and Development in Information Retrieval*, pages 339–348, Dublin, Ireland, July 1994. ACM Press, New York.

27. M. Persin, J. Zobel, and R. Sacks-Davis. Filtered document retrieval with frequency-sorted indexes. *Journal of the American Society for Information Science*. To appear.

28. M. Persin, J. Zobel, and R. Sacks-Davis. Fast document ranking for large scale information retrieval. In W. Litwin and R. Risch, editors, *Proc. International Conference on Applications of Databases*, pages 253–266, Vadstena, Sweden, June 1994. Springer-Verlag, Berlin, LNCS 819.

29. R. Sacks-Davis, T. Arnold-Moore, and J. Zobel. Database systems for structured documents. In S. Uemura and M. Yoshikawa, editors, *Proc. International Symposium on Advanced Database Technologies and Their Integration*, pages 272–283, Nara, Japan, 1994.

30. A. Turpin and A. Moffat. Practical length-limited coding for large alphabets. *The Computer Journal*, 38(5):339–347, 1995.

31. A. Turpin and A. Moffat. Efficient implementation of the package-merge paradigm for generating length-limited codes. In P. Eades and M.E. Houle, editors, *Proc. CATS'96 (Computing: The Australasian Theory Symposium)*, pages 187–195, University of Melbourne, January 1996.

32. I.H. Witten, T.C. Bell, H. Emberson, S. Inglis, and A. Moffat. Textual image compression: Two-stage lossy/lossless encoding of textual images. *Proceedings of the IEEE*, 82(6):878–888, June 1994.

33. I.H. Witten, T.C. Bell, A. Moffat, C.G. Nevill-Manning, T.C. Smith, and H. Thimbleby. Semantic and generative models for lossy text compression. *The Computer Journal*, 37(2):83–87, April 1994.

34. I.H. Witten, S.J. Cunningham, M. Vallabh, and T.C. Bell. A New Zealand digital library for computer science research. In *Proc. Digital Libararies '95*, Austin, Texas, June 1995.

35. I.H. Witten, A. Moffat, and T.C. Bell. *Managing Gigabytes: Compressing and Indexing Documents and Images.* Van Nostrand Reinhold, New York, 1994.

36. I.H. Witten, C.G. Nevill-Manning, and S.J. Cunningham. Building a digital library for computer science research: technical issues. In R. Kotagiri, editor, *Proc. 19th Australasian Computer Science Conference*, pages 534–542, Melbourne, February 1996.

37. J. Zobel and P. Dart. Finding approximate matches in large lexicons. *Software—Practice & Experience*, 25(3):331–345, March 1995.

38. J. Zobel and A. Moffat. Adding compression to a full-text retrieval system. *Software—Practice & Experience*, 25(8):891–903, August 1995.

39. J. Zobel and A. Moffat. Similarity measures explored. Technical Report TR-95–3, Collaborative Information Technology Research Institute, Departments of Computer Science, RMIT and The University of Melbourne, Australia, January 1995.

40. J. Zobel, A. Moffat, and K. Ramamohanarao. Inverted files versus signature files for text indexing. Technical Report TR-95–5, Collaborative Information Technology Research Institute, Departments of Computer Science, RMIT and The University of Melbourne, Australia, February 1995.

41. J. Zobel, A. Moffat, and K. Ramamohanarao. Guidelines for presentation and comparison of indexing techniques. *SIGMOD Record*, September 1996. To appear.

42. J. Zobel, A. Moffat, and R. Sacks-Davis. An efficient indexing technique for full-text database systems. In L.-Y. Yuan, editor, *Proc. 18th Conference on Very Large Databases*, pages 352–362, Vancouver, August 1992.

43. J. Zobel, A. Moffat, and R. Sacks-Davis. Searching large lexicons for partially specified terms using compressed inverted files. In R. Agrawal, S. Baker, and D. Bell, editors, *Proc. 19th Conference on Very Large Databases*, pages 290–301, Dublin, August 1993.

44. J. Zobel, A. Moffat, and R. Sacks-Davis. Storage management for files of dynamic records. In M.E. Orlowska and M. Papazoglou, editors, *Proc. 4th Australian Database Conference*, pages 26–38, Brisbane, February 1993. World Scientific.

45. J. Zobel, A. Moffat, R. Wilkinson, and R. Sacks-Davis. Efficient retrieval of partial documents. *Information Processing & Management*, 31(3):361–377, 1995.