**REFERENCES**

[1] A. Abdelsadek, “Distributed index for matching multimedia objects,” M.S. thesis, School of Comput. Sci., Simon Fraser Univ., Burnaby, BC, Canada, 2014.

[2] A. Abdelsadek and M. Hefeeda, “Dimo: Distributed index for matching multimedia objects using MapReduce,” in *Proc. ACMMultimedia Syst. Conf. (MMSys’14)*, Singapore, Mar. 2014, pp. 115–125.

[3] M. Aly, M. Munich, and P. Perona, “Distributed Kd-Trees for retrieval from very large image collections,” in *Proc. Brit. Mach. Vis. Conf. (BMVC)*, Dundee, U.K., Aug. 2011.

[4] J. Bentley, “Multidimensional binary search trees used for associative searching,” in *Commun. ACM*, Sep. 1975, vol. 18, no. 9, pp. 509–517.

[5] P. Cano, E. Batle, T. Kalker, and J. Haitsma, “A review of algorithms for audio fingerprinting,” in *Proc. IEEE Workshop Multimedia Signal Process.*, Dec. 2002, pp. 169–173.

[6] J. Dean and S. Ghemawat, “MapReduce: Simplified data processing on large clusters,” in *Proc. Symp. Oper. Syst. Design Implementation (OSDI’04)*, San Francisco, CA, USA, Dec. 2004, pp. 137–150.

[7] J. Deng, W. Dong, R. Socher, L. Li, K. Li, and L. Fei-Fei, “Imagenet: A large-scale hierarchical image database,” in *Proc. IEEE Conf. Comput. Vis. Pattern Recog. (CVPR’09)*, Miami, FL, USA, Jun. 2009, pp. 248–255.

[8] A. Hampapur, K. Hyun, and R. Bolle, “Comparison of sequence matching techniques for video copy detection,” in *Proc. SPIE Conf. Storage Retrieval Media Databases (SPIE’02)*, San Jose, CA, USA, Jan. 2002, pp. 194–201.

[9] S. Ioffe, “Full-length video fingerprinting. Google Inc.,” U.S. Patent 8229219, Jul. 24, 2012.

[10] A. Kahng, J. Lach, W. Mangione-Smith, S. Mantik, I. Markov, M. Potkonjak, P. Tucker, H. Wang, and G. Wolfe, “Watermarking techniques for intellectual property protection,” in *Proc. 35th Annu. Design Autom. Conf. (DAC’98)*, San Francisco, CA, USA, Jun. 1998, pp. 776–781.

[11] N. Khodabakhshi and M. Hefeeda, “Spider: A system for finding 3D video copies,” in *ACM Trans. Multimedia Comput., Commun., Appl. (TOMM)*, Feb. 2013, vol. 9, no. 1, pp. 7:1–7:20.

[12] S. Lee and C. Yoo, “Robust video fingerprinting for content-based video identification,” *IEEE Trans. Circuits Syst. Video Technol.*, vol. 18, no. 7, pp. 983–988, Jul. 2008.

[13] H. Liao, J. Han, and J. Fang, “Multi-dimensional index on hadoop distributed file system,” in *Proc. IEEE Conf. Netw., Archit. Storage (NAS’10)*, Macau, China, Jul. 2010, pp. 240–249.

[14] Z. Liu, T. Liu, D. Gibbon, and B. Shahraray, “Effective, and scalable video copy detection,” in *Proc. ACM Conf. Multimedia Inf. Retrieval (MIR’10)*, Philadelphia, PA, USA, Mar. 2010, pp. 119–128.

[15] J. Lu, “Video fingerprinting for copy identification: From research to industry applications,” in *Proc. SPIE*, 2009, vol. 7254, pp. 725402:1–725402:15.

[16] W. Lu, Y. Shen, S. Chen, and B. Ooi, “Efficient processing of k nearest neighbor joins using MapReduce,” in *Proc. VLDB Endowment (PVLDB)*, Jun. 2012, vol. 5, no. 10, pp. 1016–1027.

[17] E. Metois, M. Shull, and J. Wolosewicz, “Detecting online abuse in images. Markmonitor Inc.,” U.S. Patent 7925044, Apr. 12, 2011.

[18] H. Müller, W. Müller, D. Squire, S. Marchand-Maillet, and T. Pun, “Performance evaluation in content-based image retrieval: Overview and proposals,” *Pattern Recog. Lett.*, vol. 22, no. 5, pp. 593–601, Apr. 2001.

[19] P. Ram and A. Gray, “Which space partitioning tree to use for search,” in *Proc. Adv. Neural Inf. Process. Syst. (NIPS’13)*, Lake Tahoe, NV, USA, Dec. 2013, pp. 656–664.

[20] V. Ramachandra, M. Zwicker, and T. Nguyen, “3D video fingerprinting,” in *Proc. 3DTV Conf.: True Vis.—Capture, Transmiss. Display 3D Video (3DTV’08)*, Istanbul, Turkey, May 2008, pp. 81–84.

[21] A. Stupar, S. Michel, and R. Schenkel, “Rankreduce – processing k-nearest neighbor queries on top of mapreduce,” in *Proc. Workshop Large-Scale Distrib. Syst. Inf. Retrieval (LSDS-IR’10)*, Geneva, Switzerland, Jul. 2010, pp. 13–18.

[22] K. Tasdemir and A. Cetin, “Motion vector based features for content based video copy detection,” in *Proc. Int. Conf. Pattern Recog. (ICPR’10)*, Istanbul, Turkey, Aug. 2010, pp. 3134–3137.

[23] U. Capeto*, Depth Map Automatic Generator*, Apr. 2013 [Online]. Available: http://3dstereophoto.blogspot.com/2013/04/depth-map-automatic-generator-dmag.html, Accessed: Dec. 2014

[24] *Reference Softwares for Depth Estimation and View Synthesis*, ISO/IEC JTC1/SC29/WG11, Doc. M15377, Apr. 2008.