## Bibliography

- ADHINUGRAHA, K. M. Highest order voronoi diagram for region-based spatial query processing. Monash University. Faculty of Information Technology. Clayton School of Information Technology.
- [2] AGGARWAL, A., GUIBAS, L. J., SAXE, J., AND SHOR, P. W. A lineartime algorithm for computing the voronoi diagram of a convex polygon. *Discrete & Computational Geometry* 4, 6 (1989), 591–604.
- [3] BECKMANN, N., KRIEGEL, H.-P., SCHNEIDER, R., AND SEEGER, B. The r\*-tree: an efficient and robust access method for points and rectangles. In Acm Sigmod Record (1990), vol. 19, ACM, pp. 322–331.
- [4] DEMIRYUREK, U., AND SHAHABI, C. Indexing network voronoi diagrams. In DASFAA (1) (2012), pp. 526–543.
- [5] KAO, B., LEE, S. D., LEE, F. K., CHEUNG, D. W., AND HO, W.-S. Clustering uncertain data using voronoi diagrams and r-tree index. *IEEE Transactions on Knowledge and data engineering* 22, 9 (2010), 1219–1233.
- [6] NUGROHO, E. T. A., ADHINUGRAHA, K. M., AND ASROR, I. Indexing voronoi cells using quadtree in spatial database. In *Information and Communication Technology (ICoIC7), 2017 5th International Conference* on (2017), IEEE, pp. 1–8.
- [7] RENUKA, A., AND SHET, K. Key management using k-dimensional trees. In Advanced Computing and Communications, 2008. ADCOM 2008. 16th International Conference on (2008), ieee, pp. 52–57.
- [8] RIGAUX, P., SCHOLL, M., AND VOISARD, A. Spatial databases: with application to GIS. Morgan Kaufmann, 2001.
- [9] SHARIFZADEH, M., AND SHAHABI, C. Vor-tree: R-trees with voronoi diagrams for efficient processing of spatial nearest neighbor queries. *Pro*ceedings of the VLDB Endowment 3, 1-2 (2010), 1231–1242.
- [10] SRIVIDHYA, S., AND LAVANYA, S. Comparative analysis of r-tree and rtree in spatial database. In *Intelligent Computing Applications (ICICA)*, 2014 International Conference on (2014), IEEE, pp. 449–453.

[11] WEI, W. Analysis of spatial database index technology. In Computer Engineering and Technology (ICCET), 2010 2nd International Conference on (2010), vol. 4, IEEE, pp. V4–29.