[8] S. Bhattacharya, M. Henzinger, D. Nanongkai, and C. E. Tsourakakis. Space- and time-efficient algorithm for maintaining dense subgraphs on one-pass dynamic streams. In *STOC 2015*, pages 173–182, 2015.

[9] P. Boldi, A. Marino, M. Santini, and S. Vigna. BUbiNG: Massive crawling for the masses. In *WWW Companion*, pages 227–228, 2014.

[10] F. Bonchi, F. Gullo, A. Kaltenbrunner, and Y. Volkovich. Core decomposition of uncertain graphs. In *SIGKDD*, pages 1316–1325, 2014.

[11] T. Calders, N. Dexters, J. J. Gillis, and B. Goethals. Mining frequent itemsets in a stream. *Information Systems*, 39:233–255, 2014.

[12] M. Charikar. Greedy approximation algorithms for finding dense components in a graph. In *Approximation Algorithms for Combinatorial Optimization*, pages 84–95. Springer, 2000.

[13] J. Cohen. Trusses: Cohesive subgraphs for social network analysis. *National Security Agency Technical Report*, page 16, 2008.

[14] W. H. Cunningham. Decomposition of directed graphs. *SIAM Journal on Algebraic Discrete Methods*, 3(2):214–228, 1982.

[15] L. Dagum and R. Enon. Openmp: an industry standard api for shared-memory programming. *Computational Science & Engineering, IEEE*, 5(1):46–55, 1998.

[16] X. Du, R. Jin, L. Ding, V. E. Lee, and J. H. T. Jr. Migration motif: a spatial - temporal pattern mining approach for financial markets. In *SIGKDD*, pages 1135–1144, 2009.

[17] G. Elidan, I. McGraw, and D. Koller. Residual belief propagation: Informed scheduling for asynchronous message passing. In *UAI '06, Proceedings of the 22nd Conference in Uncertainty in Artificial Intelligence, Cambridge, MA, USA, July 13-16, 2006*, 2006.

[18] A. Epasto, S. Lattanzi, and M. Sozio. Efficient densest subgraph computation in evolving graphs. In *WWW*, pages 300–310, 2015.

[19] D. Eppstein and D. Strash. Listing all maximal cliques in large sparse real-world graphs. In *International Symposium on Experimental Algorithms*, pages 364–375. Springer, 2011.

[20] E. Fratkin, B. T. Naughton, D. L. Brutlag, and S. Batzoglou. Motifcut: regulatory motifs finding with maximum density subgraphs. In *Proceedings 14th International Conference on Intelligent Systems for Molecular Biology 2006, Fortaleza, Brazil, August 6-10, 2006*, pages 156–157, 2006.

[21] D. Gibson, R. Kumar, and A. Tomkins. Discovering large dense subgraphs in massive graphs. In *PVLDB*, pages 721–732, 2005.

[22] A. V. Goldberg. *Finding a maximum density subgraph.*

[23] P. Hagmann, L. Cammoun, X. Gigandet, R. Meuli, C. J. Honey, V. J. Wedeen, and O. Sporns. Mapping the structural core of human cerebral cortex. *PLoS Biol*, 6(7):e159, 2008.

[24] B. Hajek. Performance of global load balancing by local adjustment. *IEEE Transactions on Information Theory*, 36(6):1398–1414, 1990.

[25] B. Hajek et al. Balanced loads in infinite networks. *The Annals of Applied Probability*, 6(1):48–75, 1996.

[26] M. Jaggi. Revisiting frank-wolfe: Projection-free sparse convex optimization. In *ICML*, pages 427–435, 2013.

[27] M. Kitsak, L. K. Gallos, S. Havlin, F. Liljeros, L. Muchnik, H. E. Stanley, and H. A. Makse. Identification of influential spreaders in complex networks. *Nature physics*, 6(11):888–893, 2010.

[28] H. Kwak, C. Lee, H. Park, and S. Moon. What is Twitter, a social network or a news media? In *WWW*, pages 591–600, 2010.

[29] V. E. Lee, N. Ruan, R. Jin, and C. Aggarwal. A survey of algorithms for dense subgraph discovery. In *Managing and Mining Graph Data*, pages 303–336. Springer, 2010.

[30] J. Leskovec and A. Krevl. SNAP Datasets: Stanford large network dataset collection. `http://snap.stanford.edu/data`, June 2014.

[31] M. Letsios, O. D. Balalau, M. Danisch, E. Orsini, and M. Sozio. Finding heaviest k-subgraphs and events in social media. In *The Sixth IEEE ICDM Workshop on Data Mining in Networks (DaMNet)*, 2016.

[32] G. Palla, I. J. Farkas, P. Pollner, I. Derényi, and T. Vicsek. Fundamental statistical features and self-similar properties of tagged networks. *New Journal of Physics*, 10(12):123026, 2008.

[33] R. A. Rossi, D. F. Gleich, and A. H. Gebremedhin. Parallel maximum clique algorithms with applications to network analysis. *SIAM Journal on Scientific Computing*, 37(5):C589–C616, 2015.

[34] R. Samusevich, M. Danisch, and M. Sozio. Local triangle-densest subgraphs. In *ASONAM*, pages 33–40, 2016.

[35] A. E. Sariyuce, C. Seshadhri, A. Pinar, and U. V. Catalyurek. Finding the hierarchy of dense subgraphs using nucleus decompositions. In *WWW*, pages 927–937, 2015.

[36] J. G. Siek, L.-Q. Lee, and A. Lumsdaine. *Boost Graph Library: User Guide and Reference Manual, The*. Pearson Education, 2001.

[37] M. Sozio and A. Gionis. The community-search problem and how to plan a successful cocktail party. In *SIGKDD*, pages 939–948, 2010.

[38] N. Tatti and A. Gionis. Density-friendly graph decomposition. In *WWW*, pages 1089–1099, 2015.

[39] C. Tsourakakis, F. Bonchi, A. Gionis, F. Gullo, and M. Tsiarli. Denser than the densest subgraph: extracting optimal quasi-cliques with quality guarantees. In *SIGKDD*, pages 104–112, 2013.

[40] B. W. Turnbull. The empirical distribution function with arbitrarily grouped, censored and truncated data. *Journal of the Royal Statistical Society. Series B (Methodological)*, pages 290–295, 1976.

[41] J. Wang and J. Cheng. Truss decomposition in massive networks. *Proceedings of the VLDB Endowment*, 5(9):812–823, 2012.

[42] N. Wang, J. Zhang, K.-L. Tan, and A. K. Tung. On triangulation-based dense neighborhood graph discovery. *Proceedings of the VLDB Endowment*, 4(2):58–68, 2010.