

## REFERENCES

- [1] Agnarsson, G., Damaschke, P., Halldórsson, M. M.: Powers of geometric intersection graphs and dispersion algorithms, *Discrete Appl. Math.* **132**, 3-16(2004).
- [2] Cavers, M. S.: *Clique partitions and coverings of graphs*, An essay presented to the University of Waterloo in fulfillment of the essay requirement for the degree of Masters of Mathematics, 2005.
- [3] de Bruijn, N. G., Erdős, P.: On a combinatorial problem, *Indag. Math.* **10**, 421-423(1948).
- [4] Erdős, P., Goodman, A. W., Pósa, L.: The representation of a graph by set intersections, *Can. J. Math.* **18**, 106-112(1966).
- [5] Gregory, D. A., McGuinness, S., Wallis, W. D.: Clique partitions of the cocktail party graph, *Discrete Math.* **59**, 267-273(1986).
- [6] Gregory, D. A., Pullman, N. J.: On a clique covering problem of Orlin, *Discrete Math.* **41**, 97-99(1982).
- [7] Hall, M. Jr.: A problem in partitions, *Bull. Amer. Math. Soc.* **47**, 801-807 (1941).
- [8] Harary, F., McKee, T.: The square of a chordal graph, *Discrete Math.* **128(1-3)**, 165-172(1994).
- [9] Lih, K. W., Wang, W. F., Zhu, X.: Coloring the square of a  $K_4$ -minor free graph, *Discrete Math.* **269**, 303-309(2003).
- [10] Molloy, M., Salavatipour, M. R.: A bound on the chromatic number of the square of a planar graph, *Journal of Combinatorial Theory, Series B* **94**, 189-213(2005).
- [11] Monson, S. D.: The effects of vertex deletion and edge deletion on the clique partition number, *Ars Combin.* **42**, 89-96(1996).
- [12] Pullman, N. J., de Caen, D.: Clique coverings of graphs I - Clique partitions of regular graphs, *Utilitas Math.* **19**, 177-205(1981).
- [13] Shaohan, M., Wallis, W. D.: Clique partitions of triangulated graphs, *Congr. Numer.* **55**, 93-101(1986).
- [14] Uyyasathian, C.: *Maximal-clique partition*, PhD Thesis, University of Colorado at Denver, 2003.
- [15] Wallis, W. D., Wu, J.: Clique partitions of squares of trees. In *Advances in Graph Theory*, pages 301-305. Vishwa, Gulbarga, 1991.

- [16] Wallis, W. D., Wu, J.: On clique partitions of split graphs, *Discrete Math.* **92**, 427-429(1991).
- [17] West, D. B.: *Introduction to graph theory*, Prentice Hall, 2001.

## VITA

Mr. Tanawat Wichianpaisarn was born on February 21, 1983 in Phitsanulok, Thailand. He got a Bachelor of Science in Applied Mathematics with the second class honors from King Mongkut's Institute of Technology Ladkrabang in 2005.