

Bibliography

- [1] T. Abu-Jcib, *The Determinant of the Wheel Graph and Conjecures by Yong*, Missouri Journal of Mathematical Sciences Articles.**18** (2006), 87 - 93.
- [2] T. Alan, *Linear Algebra An introduction To The Theory And Use of Vectors and Matrices*, Macmillan Publishing Company, United States of America, 1993.
- [3] R. Bapat, *On distance matrices and Laplacians*, Linear Algebra and its Applications. **401**(2005), 193 - 209.
- [4] A. Beezer, *On the Polynomial of a Path*, Linear algebra and its applications. **63**(1984), 221 - 225.
- [5] N. Biggs, *Algebraic Graph Theory*. Great Britain Waterloo Canada, 1973.
- [6] J. M. Brunat, *Some composition determinants*, Linear Algebra and its Applications . **416**(2006), 355 - 364.
- [7] G. Callen, *Linear Algebra and Differential Equation*. Pearson Prentice Hall, United States of America, 1980.
- [8] R. K. Chung, *Spaectral Graph Theory*, London Math. **60**(2004), 3 - 10.
- [9] M. Cvetkovic, *Spaectral of Graphs*. German Democratic Republic , United States of America, 1979.
- [10] M. Doob, *Circulant with $\det(-A(G)) = -\deg(G)$ codeterminante with K_n* , Linear Algebra its Application. **161**(2002), 73 - 78.
- [11] B. Fraleigh, *Linear Algebra* , Addisen Wesley Publishing Company, United States of America, 1995.

- [12] C. M. Fonseca, *Path Polynomials of a Circuit : A Constructive Approach*, Linear and Multilinear Algebra. **44**(1998), 313 - 325.
- [13] M. Gerard, *Partitions modulo n and circulant matrices*, Discrete Mathematics. **287**(2004), 77 - 84.
- [14] V. Gervacio, *Tree with diameter less than 5 and non - singular complement*, Discrete Mathematics. **151**(1996), 91 - 97.
- [15] S. Giovanni, *On the parity of permanents of circulant matrices*, Linear Algebra and its Applications. **428**(2008), 1946 - 1955.
- [16] L. Goldberg, *Matrix Theory with Applications*. McGraw - Hill, United states of America, 2006.
- [17] R. H. Jeurissen, *On the determinants of divisor matrices*, Discrete Mathematics. **265**(2003), 375 - 383.
- [18] J. Leon, *Linear Algebra with Applications*. Pearson Prentice Hall, United States of America, 2006.
- [19] M. E. Mays, *A determinant property of Catalan numbers*, Discrete Mathematics. **211**(2000), 125 - 133.
- [20] A. R. Moghaddamfar, *The determinants of matrices with recursive entries*, Linear Algebra and its Applications. **428**(2008), 2468 - 2481.
- [21] G. Moore, *A First Course in Linear Algebra with Applications*. Academic Press, United States of America, 1998.
- [22] H. M. Rara, *Reduction procedures for calculating the determinant of the adjacency matrix of some graph and the singularity of square planar grids*, Discrete Mathematics. **151**(1996), 213 - 219.
- [23] S. Sookyang, B. Gyurov, *Characterization of nonsingular book graphs*, accepted for publication in Advances and Application in Discrete Mathematics .
- [24] S. Sookyang, B. Gyurov, *Determinant of graphs joined by two edges* , accepted for publication in Thai Journal of Mathematics.

- [25] S. Sookyang, Sr. Arworn, *Determinant of the Adjacency Matrix of Path of Cycles*, The Northern Region Journal of Science and Technology, **1** (2007), 55 - 60.
- [26] S. Sookyang, Sr. Arworn, and P. Wojtylak, *Characterization Non-Singular Cycles and Trees*, Thai Journal of Mathematics, **3** (2008),
- [27] E. Trapp, *Inverses of circulant matrices and block circulant matrices*, Kyungpook mathematical journal. **13**(1973), 11 - 20.
- [28] L. Weimin, *Idempotent endomorphism of graph*, Discrete Mathematics. **223**(2000), 379 - 386.
- [29] I. Wilfried, *Product Graphs Structure and Recognition*, Addison Wesley Publishing Company, United States of America, 2000.
- [30] J. Wilson, *Graph An Introductory Approach*, Addison Wesley Publishing Company, United States of America, 1998.
- [31] R. Wilson. *Graphs : An Introductory Approach A First Course in Discrete Mathematics*. John Wiley, United States of America, 1996.

VITA



Name Mr. Supot Sookyang

Date of Birth June 9, 1980

Education Background Bachelor of Education (B. Ed.) (Mathematics)
from Rajabhat Chiang Rai University in 2003,
Chiang Rai, Thailand.
Master of Science (M.S.) (Mathematics)
from Chiang Mai University in 2006,
Chiang Mai, Thailand.

Plublications

- (1) Sookyang, S., Gyurov, B., Characterization of nonsingular book graphs, accepted for publication in *Advances and Application in Discrete Mathematics* .
- (2) Sookyang, S., Gyurov, B., Determinant of graphs joined by two edges , accepted for publication in *Thai Journal of Mathematics*.
- (3) Sookyang, S., Arworn, S., Determinant of the Adjacency Matrix of Path of Cycles, *The Northern Region Journal of Science and Technology*, Vol.1, No.1(2007), 55 - 60.
- (4) Sookyang, S., Arworn, S., and Wojtylak, P., Characterization Non-Singular Cycles and Trees, *Thai Journal of Mathematics*, Vol.3, No.1(2008), 163-169.

