

บรรณานุกรม

- Adam, M.A.R.M., and Elkamchouchi, H.M. (2000). **A New Constrained Fast Null Steering Algorithm**. Antennas and Propagation Society International Symposium IEEE, Vol. 2, pp. 926-929.
- Agee, B. (1989). **Blind Separation and Capture of Communications Signals Using a Multitarget Constant Modulus Beamformer**. 1989 IEEE Military Communications Conf., Boston, MA, Oct. 1989.
- Ahmed, E.Z. (2005) **Smart Antenna Engineering**, ARTECH HOUSE, INC.
- Akyildiz, I.F., and Xudong, W. (2005). **A Survey on Wireless Mesh Networks**. Communications Magazine, IEEE, Vol. 43, pp. S23 - S30.
- Babich, F., Comisso, M., and Mania, L. (2007). **Multi-Antenna Techniques for Wireless Mesh Networks in an Outdoor Environment**. Communications ICC '07 IEEE International Conference, pp. 4961-4966.
- Barrick, D., and Benmoussa, Z. (2006). **The Effects of VSWR on Transmitted Power** http://www.codar.com/images/news/newsletter_images_0806/Effects%20of%20VSWR
- Bialkowski, M.E., and Uthansakul, M. (2006). **Fully Spatial Wide-Band Beamforming Using a Rectangular Array of Planar Monopoles**. IEEE Transactions on Antennas and Propagation, Vol. 54, No. 2, pp. 527-533.
- Chang, S.F., Chu, C.Y., Lin, K.H., and Li, W.R. (2004). **Switched-Beam Antenna Based on Modified Butler Matrix with Low Sidelobe Level**. Electronics Letters, Vol. 40, pp. 290-292.
- Crow, B.P., Kim, L.G., Sakai, P.T., and Widjaja, I. (1997). **IEEE 802.11 Wireless Local Area Networks**. Communications Magazine. IEEE, Vol. 35, pp. 116-126.
- Daehyung, J., Jeongkeun, L., Sung, J.L., Taekyoung, K., Wonh, K., and Yanghee, C. (2009). **Understanding interference and carrier sensing in wireless mesh networks**. Communications Magazine IEEE, Vol. 47, No. 7, pp 102 –

109.

David, M.P. (1998). **Microwave Engineering 2nd edition**, John Wiley & Sons, Inc. 1998.

- Denidni, T.A., and Libar, T.E. (2003). **Wide Band Four - Port Butler Matrix for Switched Multibeam Antenna Arrays**. IEEE 2003 International Symposium on Personal, Indoor and Mobile Radio Communication Proceedings, Vol. 3, pp. 2461 – 2464.
- Frank, B.G., Ph.D. (2005). **Smart Antennas for Wireless Communication With MATLAB**. Fairfax, Virginia, 2005.
- Frost, L. (1972). **An Algorithm for Linearly Constrained Adaptive Array Processing**. Proc. Of the IEEE, Vol. 60, No. 8, Aug. 1972.
- Haupt, R.L., Shore, R.A., and Steyskal, H. (1986). **Methods for Null Control and Their Effects on the Radiation Pattern**. IEEE Trans. Antennas and Propagation, Vol. 34, pp. 404-409.
- Khan, N.M., and Qamar, R.A. (2009). **Null steering, a comparative analysis**. Multitopic Conference, 2009. INMIC 2009. IEEE 13th International, pp. 1-5.
- Liber, J.J.C., and Rappaport, T.S. (1999). **Smart Antenna for Wireless Communications: IS-95 and Third Generation CDMA Applications**. Printice Hall PTR, NJ, 1999.
- Moody, H. (1964). **The systematic design of the Butler matrix**. IEEE Transactions on Antennas and Propagation, Vol. 12, pp. 786-788.
- Panique, M., and Yikun, H. (2007). **Performance analysis of a null steering algorithm**. Antennas and Propagation Society International Symposium, 2007 IEEE, pp. 4212 – 4215.
- Peng, M., and Wang, W. (2005). **Comparison of Capacity between Adaptive Tracking and Switched Beam Smart Antenna Techniques in TDD- CDMA Systems**. Microwave Antenna, Propagation and EMC Technologies for Wireless Communications, 2005. (MAPE 2005). IEEE International Symposium on Vol. 1, pp. 135-139.
- Rabbi, M.F., Rahman, M.T., Salehin, G.M.A., and Uddin, M.A. (2006). **An Efficient Wireless Mesh Network: A New Architecture**. Communication Technology, 2006. ICCT '06 , pp. 1-5.
- Sarkar, D.K., Seungwon, C., and Shim, D. (1999). **A Coparison of Tracking - Beam Arrays and Swiching - Beam Arrays Operating in a CDMA Mobile Communication Channel**. IEEE Transactions on Antenna and Propagation, Mag., Vol. 41, pp. 10 – 56.
- Stine, J.A., (2006). **Exploiting smart antennas in wireless mesh networks using contention access**. IEEE Wireless Communications, Vol. 13, pp. 38-49.

- Uthansakul, M., and Uthansakul, P. (2009). **Low Profile DOA Finder at 2.4 GHz**. Microwave and Optical Technology Letter, to be published on January, Vol. 51, pp. 252-256.
- Winters, J.H., (2006). **Smart antenna techniques and their application to wireless ad hoc networks**. Wireless Communications, IEEE, Vol. 13, No. 4, pp.77 – 83.