

DAFTAR ACUAN

- [1]. Winter J. H. “Smart antennas for wireless systems”, IEEE Personal Communications, Vol. 1, 23–27, Feb. 1998
- [2]. Fakoukis, F.E., S. G. Diamantis, A.P. Orfanides, and G.A. Kyriacou, “Development of an adaptive and a switched beam smart antenna system for wireless communications”, Journal of Electromagnetic Waves and Applications, Vol. 20, No. 3, 399-408, 2006
- [3]. Ho, M.-J., G. L. Stuber, and M. Austin, “Performance of switched beam smart antennas for cellular radio systems,” IEEE Trans. Veh. Technol., Vol. 47, No. 1, 10–19, Feb. 1998
- [4]. Mourad Nedil, Tayeb A Denidni, and Larbi Talbi, “Novel Butler Matrix using CPW Multilayer Technology”, IEEE Transactions on Microwave Theory and Techniques, vol. 54, No. 1, January 2006
- [5]. Siti Rohaini Ahmad and Fauziahanim Che Seman, “4-Port Butler Matrix for Switched Multibeam Antenna Array”, 2005 Asia-Pacific Conference on Applied Electromagnetic Proceedings, December 20-21, 2005
- [6]. Pozar,D.M., “Microwave Engineering”, New York, John Wiley & Sons,2nd ed. 1998
- [7]. Cho, Jeong Hoon, Hee Yong Hwang and Sang Won Yun, “A Design Of Wideband 3 dB Coupler With N Section Microstrip Tandem Structure”, IEEE Microwave and Wireless Components Letters, Vol. 15, No.2, February 2005
- [8]. Young-Hoon Chun, and Jia-Sheng Hong, “Compact Wide-Band Branch-Line Hybrids”, IEEE Transactions on Microwave Theory and Techniques, 2006
- [9]. Y.K. Ningsih , E.T. Rahardjo and M. Asvial, “A Wideband Switched-Beam Array Antenna Using A New Design Microstrip 3 dB Hybrid Coupler. ICONIC 2009

- [10]. Sun, K.O., S.J. Ho., C.C.Yen and D.V.D. Weide, “*A Compact Branch Line Coupler Using Discontinuous Microstrip Lines*”, IEEE Microwave and Wireless Component Letters, Vo. 15, No. 8,August. 2005
- [11]. Liao,S.S., P.T.Sun, N.C.Chi, and J.T.Peng, , *A Novel Compact Size Branch Line Coupler*, IEEE Microwave and Wireless Component Letters, Vo. 15, No. 9, September 2005
- [12]. Indie Bahl and Prakash Bhartia, “*Microwave Solid State Circuit Design*”, New York, John Wiley & Sons,2nd ed. 2003
- [13]. Fawwaz T. Ulaby, *Fundamentals of applied Electromagnetics*, (USA: Prentice Hall, 2001).

