

Bibliography

- [1] E. G. Larsson, O. Edfors, F. Tufvesson, and T. L. Marzetta. Massive mimo for next generation wireless systems. *IEEE Communications Magazine*, 52(2):186–195, February 2014. ISSN 0163-6804. doi: 10.1109/MCOM.2014.6736761.
- [2] X. Gao, F. Tufvesson, O. Edfors, and F. Rusek. Measured propagation characteristics for very-large mimo at 2.6 ghz. In *2012 Conference Record of the Forty Sixth Asilomar Conference on Signals, Systems and Computers (ASILOMAR)*, pages 295–299, Nov 2012. doi: 10.1109/ACSSC.2012.6489010.
- [3] Su-Khiong (SK) Yong Pengfei Xia Alberto Valdes-Gracia. *60 GHz Technology for GBps WLAN and WPAN from Theory to Practice*. A John Wiley and Sons, 2011.
- [4] Pawinee Meerasri Peerapong Uthansakul Monthippa Utansakul. Self-interference cancellation-based mutual-coupling model for full-duplex single-channel mimo systems. *International Journal of Antennas*, 2014.
- [5] Hema Singh H.L. Sneha R.M. Jha. Mutual coupling in phased array: A review. *International Journal of Antennas and Propagation*, 2013, March 2013.
- [6] P. Meerasri, P. Uthansakul, and M. Uthansakul. Performance of self and mutual interference cancellation for fdsc mimo systems. In *2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, pages 1–5, May 2014. doi: 10.1109/ECTICON.2014.6839789.
- [7] Y. S. Cho, J. Kim, W. Y. Yang, and C. G. Kang. *MIMO-OFDM Wireless Communication with MATLAB*. John Wiley & Sons, 2010.
- [8] K. C. Huang and Z. Wang. *Milimeter Wave Communicaton Systems*. John Wiley & Sons, 2011.

- [9] L. Sun, P. Li, M. R. McKay, and R. D. Murch. Capacity of mimo systems with mutual coupling: Transmitter optimization with dual power constraints. *IEEE Transactions on Signal Processing*, 60(2):848–861, Feb 2012. ISSN 1053-587X. doi: 10.1109/TSP.2011.2175221.
- [10] J. Hoydis, C. Hoek, T. Wild, and S. ten Brink. Channel measurements for large antenna arrays. In *2012 International Symposium on Wireless Communication Systems (ISWCS)*, pages 811–815, Aug 2012. doi: 10.1109/ISWCS.2012.6328480.
- [11] Y. Gao. Massive mimo antenna array design and challenges. Technical report, LUND University, London, 2015.
- [12] E. Kreyszig, H. Kreyzig, and E. J. Norminton. *Advanced Engineering Mathematics*. John Wiley & Sons, 10 edition, 2011.
- [13] Gayan de Alwis Murray Delahoy. 60 ghz band millimetre wave technology. Spectrum Planning and Engineering Team Radio Frequency Group Australian Communications Authority, December 2004.
- [14] A.Z Yonis M.F.L Abdullah M.F Ghanim, editor. *LTE-FDD and LTE-TDD for Cellular Communications*, 2012. Electromagnetic Research Sysmposium Proceedings Malaysia.
- [15] S. M. Alamouti. A simple transmit diversity technique for wireless communications. *IEEE Journal on Selected Areas in Communications*, 16(8):1451–1458, Oct 1998. ISSN 0733-8716. doi: 10.1109/49.730453.
- [16] Y. Wu, J. P. Linnartz, J. W. M. Bergmans, and S. Attallah. Effect of antenna mutual coupling on the performance of mimo systems. *29th Symposium on Information Theory in the Benelux*, May 2008.
- [17] Weifeng Su and Xiang-Gen Xia. Signal constellations for quasi-orthogonal space-time block codes with full diversity. *IEEE Transactions on Information Theory*, 50(10):2331–2347, Oct 2004. ISSN 0018-9448. doi: 10.1109/TIT.2004.834740.