8. BIBLIOGRAFÍA

[1] J. A. C. Bingham, "Multicarrier modulation for data transmission: An idea whose time has come," IEEE Commun. Mag., vol. 28, pp. 5–14, May 1990.

[2] S. S. Chan, T. N. Davidson, and K. M.Wong, "Asymptotically minimum bit error rate block precoders for minimum mean square error equalization," in Proc. Second IEEE Sensor Array Multichannel Signal Processing Workshop, Rosslyn, VA, Aug. 2002.

[3] J. S. Chow, J. C. Tu, and J. M. Cioffi, "Performance evaluation of a multichannel transceiver system for ADSL and VHDSL receivers," IEEE J. Select. Areas Commun., vol. 9, pp. 909–919, Aug. 1991.

[4] T. M. Cover and J. A. Thomas, Elements of Information Theory. New York: Wiley, 1991.

[5] Y.W. Ding, "Minimum BER block precoders for zero-forcing equalization," M.Eng. Thesis, McMaster Univ., Hamilton, ON, Oct. 2001.

[6] N. J. Fliege, "Orthogonal multiple carrier data transmission," Eur. Trans. Telecommun., vol. 3, pp. 255–264, May 1992.

[7] G. D. Forney and M. V. Eyuboglu, "Combined equalization and coding using precoding," IEEE Commun. Mag., pp. 25–34, Dec. 1991.

[8] G. H. Golub and C. F. Van Loan, Matrix Computations, Third ed. Baltimore, MD: Johns Hopkins Univ. Press, 1996.

[9] B. S. Krongold, K. Ramchandran, and D. L. Jones, "Computationally efficient optimal power allocation algorithms for multicarrier communication systems," IEEE Trans. Commun., vol. 48, pp. 23–27, Jan. 2000.

[10] P. Lancaster and M. Tismenetsky, The Theory of Matrices. New York: Academic, 1985.

[11] R. A. Horn and C. R. Johnson, Matrix Analysis, Cambridge University Press, 1990.

[12] J. P. Milanovic´, T. N. Davidson, Z.-Q. Luo, and K. M. Wong, "Design of robust redundant precoding filterbanks with zero-forcing equalizers for unknown frequency-selective channels," in Proc. Int. Conf. Acoust., Speech, Signal Processing, Istanbul, Turkey, June 2000.

[13] B. Muquet, M. de Courville, P. Duhamel, and G. Giannakis, "OFDM with trailing zeros versus OFDM with cyclic prefix: Links, comparisons and application to the HiperLAN/2 system," in Proc. Int. Conf. Commun., New Orleans, LA, June 2000.

[14] J. G. Proakis, Digital Communications, Fourth ed. New York: Mc- Graw-Hill, 2001.

[15] A. Ruiz, J. M. Cioffi, and S. Kastuia, "Discrete multiple tone modulation with coset coding for the spectrally shaped channel," IEEE Trans. Commun., vol. 40, pp. 1012–1029, June 1992.

[16] H. V. Poor and S. Verd_u. Probability of error in MMSE multiuser detection. IEEE Transactions on Information Theory, 43(3):858-871, May 1997.

[17] J. Zhang, E. K. P. Chong, and D. N. C. Tse. Output MAI distributions of linear MMSE multiuser receivers in DS-CDMA systems. IEEE Transactions on Information Theory, 47(3):1128-1144, March 2001.

[18] A. Scaglione, S. Barbarossa, and G. B. Giannakis, "Filterbank transceivers optimizing information rate in block transmissions over dispersive channels," IEEE Trans. Inform. Theory, vol. 45, pp. 1988–2006, Apr. 1999.

[19] A. Scaglione, G. B. Giannakis, and S. Barbarossa, "Redundant filterbank precoders and equalizers, Parts I and II," IEEE Trans. Signal Processing, vol. 47, pp. 1988–2022, July 1999.

[20] J. Yang and S. Roy. On joint transmitter and receiver optimization for multiple-input-multipleoutput (MIMO) transmission systems. IEEE Transactions on Communications, 42(12):3221-3231, December 1994.

[21] Z.Wang and G. B. Giannakis, "Wireless multicarrier communications," IEEE Signal Processing Mag., pp. 29–48, May 2000.

[22] , "Linearly precoded or coded OFDM against wireless channel fades?," in Proc. Third IEEE Workshop Signal Processing Advances Wireless Commun., Taoyuan, Taiwan, R.O.C., Mar. 2001.

[23] A. Scaglione, P. Stoica, S. Barbarossa, G. B. Giannakis, and H. Sampath. Optimal designs for space-time linear precoders and decoders. IEEE Transactions on Signal Processing,50(5):1051-1064, May 2002.

[24] S. S. Chan. Design of Asymptotically Minimum Bit Error Rate Linear Block Precoders for Minimum Mean Square Error Equalization. Master's thesis, McMaster University, Department of Electrical and Computer Engineering, Hamilton, Ontario, Canada, March 2003.

[25] K. Cho and D. Yoon. On the general BER expression of one- and two-dimensional amplitudemodulations. IEEE Transactions on Communications, 50(7):1074-1080, July 2002.

[26] H. Sampath and A. Paulraj. Joint transmit and receiver optimization for high data rate wireless communication using multiple antennas. In Proceedings of the 33rd Asilomar Conference on Signals, Systems and Computers, volume 1, pages 215-219, Pacific Grove, CA, October 1999.

[27] Principles of Digital Communication Chapter 6: Random Processes Robert G. Gallager
October 24, 2004

[28] B. Picinbono, "On circularity," *IEEE Trans. Signal Processing,* vol. 42, pp. 3473–3482, Dec. 1994.

[29] Vinay K. Ingle. J.G. Proakis, "Digital Signal Processing using Matlab V.4" PWS Publishing Company, Boston 1997