

# Bibliography

- [1] Dennis J. Rauschmayer, “ADSL/VDSL Principles,” *Macmillan Technical Publishing*, 1999.
- [2] P. J. W. Melsa, R. C. Younce and C. E. Rohrs, “Impulse response shortening for discrete multitone transceivers,” *IEEE Trans. Commun.*, vol.44, pp.1662-1672, Dec. 1996.
- [3] J. M. Cioffi, S. Olcer, “Very high-speed digital subscriber line,” *IEEE Communication Magazine*, May 2000,pp.62-64.
- [4] M. D. Nava, C. Del-Toso, “A short overview of the VDSL system requirements,” *IEEE Communication Magazine*, Dec. 2002.
- [5] J. S. Chow, J. M. Cioffi, and J. A. Bingham, “Equalizer training algorithms for multicarrier modulation systems,” in *Proc. IEEE Int. Conf. Comm.*, vol. 2, (Geneva, Switzerland), pp. 761-765, May 1993.
- [6] J. Chow and J. M. Cioffi, “Method for equalization a multicarrier signal in a multicarrier communication system.” U.S. Patent Number: 5,285,474, 1994.
- [7] P. J. W. Melsa, R. C. Younce, and C. E. Rohrs, “Impulse response shortening for discrete multitone transceivers,” *IEEE Trans. on Comm.*, vol. 44, pp. 1662-1672, Dec. 1996.
- [8] N. Al-Dhahir and J. M. Cioffi, “Optimum finite-length equalization for multicarrier transceivers,” *IEEE Trans. on Comm.*, vol. 44, pp. 56-63, Jan. 1996.
- [9] W. H. Press, S. A. Teukolsky, W. T. Vetterling, and B. P. Flannery, Numerical Recipes in C. New York, NY: Cambridge University Press, 2 ed., 1992.

- [10] G. Arslan, B. L. Evans, and S. Kiaei, “Equalization for discrete multitone transceivers to maximize channel capacity,” *IEEE Trans. on Signal Processing*, vol. 49, No12, Dec 2001.
- [11] J. Wu, G. Arslan, and B. L. Evans, “Efficient Matrix Multiplication Methods to Implement a Near-Optimum Channel Shortening Method for Discrete Multitone Transceivers”, *IEEE Asilomar Conf. on Signals, Systems, and Computers*, Oct. 29 - Nov. 1, 2000, Pacific Grove, CA.
- [12] J. A. C. Bingham, “Multicarrier modulation for data transmission: An idea whose time has come,” *IEEE Comm. Mag.*, vol. 28, pp. 5–14, May 1990.
- [13] Z. Smekal, P. Silhavy, P. Rajmic, “Time domain equalization for ADSL technology and its optimization” *IEEE*, Jul 2003.
- [14] N. Al-Dhahir and J. Cioffi, “Efficiently computed reduced-parameter input-aided MMSE equalizers for ML detection: A unified approach,” *IEEE Trans. on Info. Theory*, vol. 42, pp. 903–915, May 1996.
- [15] R. Martin, M. Ding, B. Evans, C. Johnson, Jr. “Efficient Channel shortening equalizer design” *Eurasip journal on applied signal processing*. 2003
- [16] G.. Arslan, B. Evans, S. Kiaei “Optimum channel shortening for discrete multitone transceivers.” *IEEE CNF*, 2000