

Bibliography

- [1] R. W. Chang, “Synthesis of Band Limited Orthogonal Signals for MultichannelData Transmission,” Bell Syst. Tech. J., vol. 45, pp. 1775-1796, Dec. 1966.
- [2] IEEE Std. 802.16aTM-2003, Part 16: Air Interface for Fixed Broadband Wireless Access Systems-Amendment 2: Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz 2003.
- [3] Carl Eklund, Roger B. Marks, Kenneth L. Stanwood and Stanley Wang, “IEEE Standard 802.16: A Technical Overview of the WirelessMANTM Air Interface for Broadband Wireless Access,” IEEE Communications Magazine, June 2002.
- [4] IEEE 802.16 website: <http://grouper.ieee.org/802/16/>
- [5] ETSI EN 300 401, Radio broadcast system: Digital Audio Broadcasting (DAB) to mobile, portable and fixed receivers 2000.
- [6] Eureka DAB website: <http://www.eurekadab.org/>
- [7] ETSI EN 300 744 V1.4.1, Digital Video Broadcasting (DVB); Framing structure, channel coding and modulation for digital terrestrial television 2001-01.
- [8] DVB website: <http://www.dvb.org/>
- [9] R. van Nee and R. Prasad, OFDM for Wireless Multimedia Communications. Boston: Artech House, 2000.
- [10] T. Keller, L. Hanzo, L. Piazza and P. Mandarini, “Orthogonal Frequency Division Multiplex Synchronization Techniques for Frequency-Selective Fading Channels” IEEE Journal, Commun., vol. 19, NO. 6, June 2001.
- [11] T. Pollet, M. Van Bladel, and M.Moeneclaey, “BER Sensitivity of OFDM

- Systems to Carrier Frequency and Weiner Phase Noise.” IEEE Trans. Commun., vol. 43, pt. 1, pp. 191-193, Feb.- Apr. 1995.
- [12] Nogami, H. and Nagashima, T., “A Frequency and Timing Period Acquisition Technique for OFDM System,” Proc. IEEE Personal, Indoor, Mobile Radio Commun., pp. 1010-1015, 1995.
- [13] J. Terry and J. Heiskala, OFDM Wireless LANs: a theoretical and practical guide, Boston: Artech House, 2002.
- [14] J.-J. van de Beek, M. Sandell, and P. O. Borjesson, “ML estimation of time and frequency offset in OFDM systems,” IEEE trans. Signal Processing, vol. 45, pp. 1800-1805, July 1997.
- [15] D. Landstrom, J.M. Arenas, J. J. van de Beek, P. O. Borjesson, M.-L.Boucheret, and P. Oding, “Time and frequency offset estimation in OFDM systems employ pulse shaping,” in Proc. Int. Conf. on Universal Personal Communications, vol. 45, San Diego, CA, pp. 279-283, Oct 1997.
- [16] Yun Hee Kim; Young Kwon Hahm; Hye Jung Jung; Iickho Song; “An efficient frequency offset estimator for timing and frequency synchronization in OFDM systems,” Communications, Computers and Signal Processing, 1999 IEEE Pacific Rim Conference on, pp. 580 – 583, Aug. 1999
- [17] Dong-Seng Han, Jae-Hyun Seo and Jung-Jin Kim, “Fast carrier frequency offset compensation in OFDM systems,” IEEE trans. Consumer Electronics, vol. 47, pp. 364-369, Aug 2001
- [18] T. M. Schmidl and D. C. Cox, “Robust frequency and timing synchronization for OFDM,” IEEE Trans. Commun., vol. 45, pp. 1613-1621, Dec. 1997.
- [19] P. H. Moose, “A technique for orthogonal frequency-division multiplexing frequency offset correct,” IEEE Trans. Commun., vol. 42, no. 10, pp. 2908-2914.

- [20] W. D. Warner and C. Leung, "OFDM/FM frame synchronization for mobile radio data communication," IEEE Trans. Vehicular Tech., vol. 42, no. 3, pp. 302-313, Aug. 1993.
- [21] M. Goldhammer er al., "OFDM (FFT 256) fixed and mobile system considerations," IEEE 802.16e contribution-03/07

