

REFERENCES

1. Chao-Cheng Tu, and Benoît Champagne, "IEEE, "Subspace-Based Blind Channel Estimation for MIMO-OFDM Systems With Reduced Time Averaging" IEEE Trans. on Vehicular Technology, vol. 59, pp. 1539-1544, Mar. 2010.
2. Changyong Shin and Edward J. Powers "Blind Channel Estimation for MIMO-OFDM Systems Using Virtual Carriers" IEEE Global Telecommunication conf, vol. 4, pp. 2465-2469, 2004.
3. C. Li and S. Roy, "Subspace-based blind channel estimation for OFDM by exploiting virtual carriers," *IEEE Trans. Wireless Commun.*, vol.2, pp. 141–150, Jan. 2003.
4. *Xi Chen†, A. Rahim Leymanand Jun Fang* "Blind Channel Estimation for Linearly Precoded MIMO-OFDM" in Proc. IEEE International conf. on Acoustics, speech and signal processing, vol. 4, 2006.
5. Jin -Goog Kim, Jun-Han Oh and Jong-Tae Lim " Subspace-based Channel Estimation for MIMO-OFDM Systems with Few Received Blocks" Signal processing letters,IEEE, vol. 19, pp. 435-438, January 2012.
6. Xia Liu, ShiyangLu, Marek E .Bialkowski and Hon Tat Hui "MMSE Channel Estimation for MIMO System with Receiver Equipped with a Circular Array Antenna"Proc. Asia-Pacific conf. on Microwave, 2007.
7. MehrzadBiguesh, and Alex B. Gershman, " IEEE "Training-Based MIMO Channel Estimation: A Study of Estimator Tradeoffs and Optimal Training Signals" *IEEE Trans. Signal Processing*, vol.54, pp. 884–893, Mar. 2006.
8. TianbinWo and Peter Adam Hoher "Semi-Blind Channel Estimation for MIMO Systems," University of Kiel, Oct. 2004."
9. Bertrand Muquet, Marc de Courville, and Pierre Duhamel, "Subspace-Based Blind and Semi-Blind Channel Estimation for OFDM Systems" *IEEE Trans. Signal Processing*, vol.50, pp. 1699–1712, July. 2002.
10. Jan-Jaap van de Beek , OveEdfors, Magnus Sandell, Sarah Kate Wilson , Per Ola Borjesson "On Channel Estimation in OFDM Systems" IEEE Vehicular Technology conf, vol. 2, pp. 815-819, 1995.
11. Prof. Susmita Das, Kala Praveen Bagadi "MIMO-OFDM Channel Estimation Using Pilot Carries", International Journal of computer applications, vol. 2, May 2010.
12. Hua Zhang, Ye (Geoffrey) Li, Anthony Reid, and John Terry "Optimum Training Symbol Design for MIMO OFDM in Correlated Fading Channels" IEEE Trans. on Wireless com, vol. 5, pp. 2343-2347, Sep. 2006.

13. Aditya K. Jagannatham, and Bhaskar D. Rao, "Whitening-Rotation-Based Semi-Blind MIMO Channel Estimation" IEEE Trans., Signal Processing, vol. 54, pp. 861-869, Mar. 2006.
14. M. Abuthinien, S. Chen, and L. Hanzo "Semi-blind Joint Maximum Likelihood Channel Estimation and Data Detection for MIMO Systems" IEEE Letters., Signal Processing, vol. 15, pp. 202-205, Oct. 2008.
15. Hao Wang, Ying Lin, and Biao Chen, "Data-Efficient Blind OFDM Channel Estimation Using Receiver Diversity" IEEE Trans., Signal Processing, vol. 51, pp. 2613-2622, Oct. 2003.
16. G. Xu, H. Liu, L. Tong, and T. Kailath, "A least-squares approach to blind channel identification," *IEEE Trans. Signal Processing*, vol. 43, pp. 2982–2993, Dec. 1995.
17. Song Wang and Jonathan H. Manton "Blind Channel Estimation for Non-CP OFDM Systems Using Multiple Receive Antennas" IEEE Letters., Signal Processing, vol. 16, pp. 299-302, April. 2009.
18. Won-Gyu Song and Jong-Tae Lim "Pilot-Symbol Aided Channel Estimation for OFDM With Fast Fading Channels" IEEE Trans., Broadcasting, vol. 49, pp. 398-402, Dec. 2003.
19. AthinaPetropulu, Ruifeng Zhang, and Rui Lin" Blind OFDM Channel Estimation Through Simple Linear Precoding" IEEE Trans., Wireless Communication, vol. 3, pp. 647-655, Mar. 2004.
20. Shengli Zhou, BertrandMuquet, and Georgios B. Giannakis, "Subspace-Based (Semi-) Blind Channel Estimation for Block Precoded Space-Time OFDM". IEEE Trans., Signal Processing, vol. 50, pp. 1215-1227, May. 2002.
21. FeifeiGao, and ArumugamNallanathan, . "Blind Channel Estimation for OFDM Systems via a Generalized Precoding". IEEE Trans., Vehicular Technology, vol. 56, pp. 1155-1164, May. 2007.
22. Rui Lin AthinaP.Petropulu "Blind channel Estimation for OFDM systems based on Non-Redundant Linear Precoding" IEEE Workshop, Statistical Signal Processing, pp. 351-354, 2003.
23. FeifeiGao and A. Nallanathan, "Blind Channel Estimation for MIMO OFDM Systems via NonredundantLinearPrecoding". IEEE Trans., Signal Processing, vol. 55, pp. 784-789, Feb. 2007
24. Ming-Fu Sun, Ta-Yang Juan, Kan-Si Lin, and Terng-Yin Hsu, "Adaptive Frequency-Domain Channel Estimator in 4 4 MIMO-OFDM Modems". IEEE Trans., VLSI systems, vol. 17, pp. 1616-1625, Nov. 2009

25. Hua Zhang, Ye (Geoffrey) Li, Anthony Reid, and John Terry "Optimum Training Symbol Design for MIMO OFDM in Correlated Fading Channels". IEEE Trans., Wireless Communication, vol. 5, pp. 2343-2347, Sep. 2006
26. Myung-Sun Baek, Mi-Jeong Kim, Young-Hwan You, and Hyoung-Kyu Song "Semi-Blind Channel Estimation and PAR Reduction for MIMO-OFDM System With Multiple Antennas". IEEE Trans., Broadcasting, vol. 50, pp. 414-424, Dec. 2004.
27. Song Wang, Jonathan Manton, David B. H. Tay, Cishen Zhang, and John C. Devlin, "An FFT-Based Method for Blind Identification of FIR SIMO Channels". IEEE Signal Processing Letter, vol. 14, pp. 437-440, July. 2007.
28. S. Wang and J. H. Manton, "A cross-relation-based frequency-domain method for blind SIMO-OFDM channel estimation," IEEE Signal Process. Lett., vol. 16, pp. 299–302, Oct. 2009.
29. M.Ahmadi and A.S. Mehr, "Blind channel identification and data detection for SIMO OFDM systems,"in Proc. Can. Conf. Electrical and Computer Engineering, Apr. 2007, pp. 56-58.
30. S. Wang and J. H. Manton, "Blind channel estimation for non-CP OFDM systems using multiple receive antennas," IEEE SignalProcess. Lett. vol. 16, pp. 299–302, 2009.
31. X. Liu and M. E. Bialkowski "SVD-based blind channel estimation for a MIMO OFDM system employing a simple block precoding scheme", Proc. Int. Conf. Comput. Tool EUROCON, pp.926 -929 2007
32. Paresh Naik1, Nisha S L2 "Comparative Performance of MIMO Channel Estimation Techniques" vol. 02, pp, 1925-1930, June 2015.
33. Xia LIU, Marek E. Baikowski, Feng Wang, "A Novel Blind Channel Estimation for a 2x2 MIMO System, Int. J. Communications," Network and System Sciences, Vol 5, pp. 344-350, 2009
34. OFDM in Correlated Fading Channels" IEEE Trans. on Wireless com, vol. 5, pp. 2343-2347, Sep. 2006.
35. E. Moulines, P. Duhamel, J. F. Cardoso, and S. Mayrargue, "Subspace methods for the blind identification of multichannel FIR filters," *IEEE Trans. Signal Process.*, vol. 43, no. 2, pp. 516–525, Feb. 1995.
36. S. Sun, I. Wiemer, C. K. Ho, and T. T. Tjhung, "Training Sequence assisted channel estimation for MIMO OFDM", *IEEE WCNC 2003*, Vol. 1, pp. 38 - 43.