

Bibliography

- [1] Yucek, Tevfik. 2009, "A Survey of Spectrum Sensing Algorithms for Cognitive Radio Applications," IEEE Communication Surveys & Tutorials, Vol 11, No.1, First Quarter 2009.
- [2] Erik Axell ; Geert Leus ; Erik G. Larsson ; H. Vincent Poor, "Spectrum Sensing for Cognitive Radio[State-of-the-Art and Recent Advances]", IEEE SIGNAL PROCESSING MAGAZINE, April 2012.
- [3] Yonghong Zeng and Ying-Chang Liang, "Spectrum-Sensing Algorithms for Cognitive Radio Based on Statistical Covariances", IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY , May 2009.
- [4] Danijela Cabric , "Addressing the Feasibility of Cognitive Radios" IEEE SIGNAL PROCESSING MAGAZINE, NOVEMBER 2008
- [5] Chaitanya GV, P.Rajalakshmi, U. B. DesaiReal." Time Hardware Implementable Spectrum Sensor for Cognitive Radio Applications", IEEE 2012.
- [6] J.Mitola, "Cognitive Radio," Licentiate proposal, KTH, Stockholm, Sweden, Dec 1998.
- [7] Ezio Biglieri, Andrea J. Goldsmith, Larry J. Greenstein, Narayan B. Mandayam and H. Vincent Poor, Principles of Cognitive Radio, Cambridge, 1993.
- [8] Steve Shellhammer, Gerald Chouinard, "Spectrum Sensing requirement summary," IEEE 802.22-05/802.22-06-0089-05-0000, June 2006.
- [9] S. Haykin, "Cognitive Radio: Brain-Empowering Wireless Communications," IEEE Journal on Selected Areas in Communication, Vol.23, No.2 February 2005.
- [10] Steven M. Kay, Fundamentals of Statistical Signal Processing: Detection Theory Vol.2, Prentice Hall Signal Processing Series, 1993.
- [11] D. Cabric, A. Tkachenko and R. W. Brodersen , "Experimental Study of Spectrum Sensing based on energy detection and Network Cooperation," 2006.
- [12] A. Al-Dulaimi, N. Radhi, H. S. Al-Raweshidy , "Cyclostationary Detection of Undefined Secondary Users", IEEE NGMAST'09, pp.230-233, 2009.
- [13] <http://www.xilinx.com>.

- [14] <http://www.mathworks.com>.
- [15] Digital Video Broadcasting (DVB); Framing structure, channel coding and modulation for digital terrestrial television, ETSI EN 300 744 V1.6.1 (2009-01).
- [16] Vajira Samarasooriya, Neil Birkett, Michael Moher, Jung Yee, "SYSTEMS AND METHODS FOR TV WHITE SPACE SPECTRUM SENSING", US 2014/0307565 A1 , Oct. 16, 2014.
- [17] Yonghong Zeng and Ying-Chang Liang, "Eigenvalue-Based Spectrum Sensing Algorithms for Cognitive Radio", IEEE TRANSACTIONS ON COMMUNICATIONS 2009.
- [18] Wen-Long Chin, Chun-Wei Kao, and Yi Qian, "Spectrum Sensing of OFDM Signals Over Multipath Fading Channels and Practical Considerations for Cognitive Radios", IEEE Sensors Journal, 2016.
- [19] <https://www.raspberrypi.org/>
- [20] <https://www.ettus.com/about>.