

論文發表

(A) 期刊論文 (近五年)

1. **Y. S. Shen** and S. L. Su, "Performance Analysis of an FFH/BFSK Receiver with Ratio-Statistic Combining in a Fading Channel under Multi-tone Interference," IEEE Transactions on Communications, Vol.51, No.10, pp.1643-1648, Oct. 2003. (SCI)
2. **Y. S. Shen** and S. L. Su, "Performance Analysis of an FFH/BFSK Receiver with Product-Combining in a Fading Channel with Multi-tone Interference," IEEE Transactions on Wireless Communications, Vol.3, No.6, pp.1867-1872, Nov. 2004. (SCI)

(B) 研討會論文 (近五年)

1. **Ye-Shun Shen**, Szu-Lin Su, Her-Chang Tsai and Che-Ming Lin, Apr. 2006, "Iterative multiuser detection for convolutional coded FFH/MFSK systems," IEEE International Symposium on Turbo Codes & Related Topics, Munich, Germany.
2. **Y. S. Shen** and S. L. Su, Dec. 2006, "Iterative multiuser detection for FFH/MFSK multiple access system over fading channels," 2006 全國電信研討會, Kaoshiung, Taiwan.
3. Szu-Lin Su, Her-Chang Tsai and **Ye-Shu Shen**, July 2007, "An iterative multiuser detection for LDPC coded FFH/MFSK systems," IST Mobile and Wireless Communication Summit, Budapest, Hungary.
4. Shang-Chun Tsai, Fang-Biau Ueng, Jun-Da Chen, and **Ye-Shun Shen**, July 2007, "Joint Detection and PN Timing Recovery for DS/CDMA Systems with Smart Antenna," IST Mobile and Wireless Communication Summit, Budapest, Hungary.
5. Szu-Lin Su, Her-Chang Tsai and **Ye-Shun Shen**, Nov. 2007, "A soft multiuser demodulation for non-binary LDPC coded fast FHMA /MFSK systems," IEEE TENCON, Taipei, Taiwan.
6. **Ye-Shun Shen**, Fang-Biau Ueng, and Jun-Da Chen, July, 2008, "Performance evaluation of a novel time hopping multiple access UWB System," Proceedings of the 7th WSEAS International Conference on Application of Electrical Engineering, Trondheim, Norway.

7. Szu-Lin Su, Her-Chang Tsai, and **Ye-shun Shen**, Jun., 2008, "An iterative soft multiuser demodulation for nonbinary LDPC coded FFH MA/MFSK systems," International Conference on Information Technology and its Application (ICITA 2008), Cairns, Australia.
8. Wen-Jun Lin, Szu-Lin Su, and **Ye-Shun Shen**, Sept., 2008, "Multiuser detections for asynchronous M-ary PPM TH-UWB system," IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Cannes, France.

(C)技術報告及其它 (近五年)

1. 沈義順，2005，國科會專題研究計畫「快跳頻展頻系統利用渦輪原理的遞迴式多用戶檢測器之研究」結案報告 NSC 94-2218-E-150-007。
2. 沈義順，2006，國科會專題研究計畫「低密度同位元檢查碼應用於快跳頻展頻通訊系統之研究」結案報告 NSC 95-2221-E-150-021。
3. 沈義順，2007，國科會專題研究計畫「多脈衝 M 階脈衝位置調變超寬頻系統的遞迴式多用戶檢測器之研究」結案報告 NSC 96-2221-E-150-004。