

## 論文發表

### (A) 期刊論文 (近五年)

1. Z.C. Hong, C.H. Lin, and Huan-Jung Lin “The Imagery Payload Design for Passive Magnetically Stabilized Micro-satellite”, AIAA Journal Spacecraft and Rocket(SCI,EI), Vol.40, NO.3, P396~404, May, 2003
2. Huan-Jung Lin and Chung-Hsien Lin, “The Strategy for GPS Lost Positioning”, Journal of Aeronautics, Astronautics and Aviation (EI), Series A, Vol.38, No.4, pp. 225~232, March, 2006
3. Koan-Yuh Chang, Huan-Jung Lin and Tsung-Lin Cheng , "Sliding Mode Controller Design with  $H_\infty$  Norm and Variance Constraints for Bilinear Stochastic Systems" , IEICE , Transactions on Fundamentals of Electronics , Communications and Computer Sciences(SCI) , vol. E91-A , no. 2 , pp. 686-691 , February , 2008 .
4. Koan-Yuh Chang, Huan-Jung Lin and Pang-Chia Chen “The optimal performance estimation for an unknown PEMFC based on the Taguchi method and a generic numerical PEMFC model”, International Journal of Hydrogen Energy(SCI), August 2008 (accepted)

### (B) 研討會論文 (近五年)

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2. Huan-Jung Lin, “GPS/INS Integration without Gyro”, IEEE Position Location and Navigation Symposium, PLANS, p.p. 159~164, April, 2004
3. Koan-Yuh Chang, Huan-Jung Lin, Wen-Ben Wu, Pang-Chia Chen and Gong Chen, “ Multi-Objective Controller Design for Stochastic Model Reference Systems via Sliding Mode Control Concept and LMI Approach”, 2005 CACS Automatic Control Conference
4. Zuu-Chang Hong, Huan-Jung Lin, Chung-Hsien Lin, Yu-Kai Chen, Chaoming Hsu, and Chen-Joe Fong, “TUUSAT-1A: A student microsatellite developed by Universities in Taiwan”, UniverSat 2007, Jong-Li, Taiwan, May, 2007

5. Zuu-Chang Hong, Huan-Jung Lin, Chung-Hsien Lin, Yu-Kai Chen, Chaoming Hsu, Tain-Sou Tsay, R. C. Lee, and Chen-Joe Fong, "TUUSAT-1A: The First Academic Microsatellite Developed by Universities in Taiwan", 21st Annual AIAA/USU Conference on Small Satellite, Logan Utah USA, August, 2007

(C) 發明專利 (近五年)

1. 蔡榮鋒、蔡永利、蔡承隆、陳美伶，2008，池水擾動設備，中華民國專利，發明第 I 299252 號。林煥榮、陳曉誠，"適用於手持型資訊處理裝置之輸入裝置"，中華民國發明專利第535095 號，美國發明專利第 6801812 號，2003/06/01
2. 林煥榮，"載具之GPS /INS定位系統的訊號感測及輸出控制方法與系統"，中華民國發明專利第583411號，2004/04/11
3. 林煥榮，"俱電源控制功能攜帶式電子裝置之週邊裝置"，中華民國發明專利第548541 號，美國發明專利第 6778006 號，2003/08/21
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5. 林煥榮、許鴻章，"Apparatus and method for detection for use in a touch-sensitive pad"，中華民國發明專利第 166450 號、美國發明專利第 6954868 號，29 卷 30 期，2005/10
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