

PUBLICATION LIST

I. Journal Papers:

- [1] **Shinn-Ming Sue** and Ching-Tsai Pan, "A Novel Torque Control Strategy for IPMSM Drives," *International Journal of Electrical Engineering*, vol. 11, no. 2, pp. 123-130, May 2004.
- [2] Ching-Tsai Pan and **Shinn-Ming Sue**, "Field Weakening Control of A Linear Torque Controlled IPMSM Drive," *International Journal of Electrical Engineering*, 2004, Accepted.
- [3] Ching-Tsai Pan and **Shinn-Ming Sue**, "A Linear Maximum Torque Per Ampere Control for IPMSM Drives Over Full Speed Range," *IEEE Transactions on Energy Conversion*, 2004, Accepted.

II. Conference Papers:

- [1] J. H. Liaw, **S. M. Sue**, C. T. Pan, T. Y. Chang, and C. C. Hwang, "Study of the Effect of Different Loads on the IPM Motor Parameters," *The 21st R.O.C. Symposium on Electrical Power Engineering*, 2000, pp.641-645.
- [2] Ting-Yu Chang, Ching-Tsai Pan, Jenn-Horng Liaw, and **Shinn-Ming Sue**, "A Hall-Sensor-Based IPM Traction Motor Drive," *Proceedings of the IEEE International Symposium on Industrial Electronics*, 2002, pp.840-843.
- [3] **S. M. Sue**, J. H. Liaw, and C. T. Pan, "Digital Implementation of A Maximum Torque To Current Ratio Strategy for IPM Motor Drives," *The 23rd R.O.C. Symposium on Electrical Power Engineering*, 2002, pp.1388-1391.
- [4] Ching-Tsai Pan and **Shinn-Ming Sue**, "Digital Implementation of A Linear-Torque-Controlled IPMSM Drive," *The 2nd Taiwan Power Electronics Conference*, 2003, pp.287-291.

- [5] Ching-Tsai Pan and **Shinn-Ming Sue**, “A Linear Maximum Torque Per Ampere Control for IPMSM Drives Considering Magnetic Saturation,” Submitted to *IEEE-IECON2004* (Submitted on Apr. 30, 2004).

III. Patent:

- [1] 潘晴財、**蘇信銘**，全數位化線性轉矩控制內嵌式永磁同步電動機驅動裝置（中華民國發明專利第092115269號申請案），民國92年6月3日。

