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博士候選人學經歷資料

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論文題目：

中文：均分型單體順滑模態控制

英文：Uniformly Distributed Simplex Sliding-Mode Control

學歷：

1. 民國 82 年 9 月~86 年 6 月私立淡江大學電機工程學系
2. 民國 86 年 9 月~88 年 6 月國立交通大學電機與控制工程研究所碩士班
3. 民國 88 年 9 月~ 國立交通大學電機與控制工程研究所博士班

經歷：

1. 民國 92 年 8 月~93 年 1 月私立亞東技術學院兼任講師
2. 民國 93 年 8 月~94 年 1 月私立亞東技術學院兼任講師

榮譽：

1. 參加第四屆旺宏金矽獎比賽榮獲應用組評審團大賞

PUBLICATION LIST

博士候選人著作目錄

姓名：李克聰 (Keh-Tsong Li)

期刊論文：

[1] Yon-Ping Chen, Jeang-Lin Chang, and Keh-Tsong Li, "Output Feedback Sliding-Mode Controller Design for Minimum Phase Linear Systems," *The Japan Society of Mechanical Engineers, Series C*, Vol.44, No.3, pp. 682-685, 2001.

[2] Jeang-Lin Chang, Keh-Tsong Li and Yon-Ping Chen, "Sliding Control with Genetic Algorithm for Mismatched Disturbance," *Asian Journal of Control*, Vol.4, No.2, pp. 186-192, 2002.

[3] Keh-Tsong Li and Yon-Ping Chen, "Sliding-Mode Controller Design with Grey Prediction for Matched Disturbance," *International Journal of Fuzzy Systems*, Vol. 6, No. 1, pp. 1-8, 2004.

[4] Keh-Tsong Li and Yon-Ping Chen, "Predictor Design of a novel grey model PGM21 using pseudo second-order information," accepted to appear *The Japan Society of Mechanical Engineers, Series C*.

[5] Yon-Ping Chen and Keh-Tsong Li, "Uniformly Distributed Simplex Sliding-Mode Controller Design for Matched Disturbance," *IEEE Trans. Automation Control*.

[revised]

[6] Yon-Ping Chen and Keh-Tsong Li, "Robotic Manipulator Control Based on Uniformly Distributed Simplex Sliding-Mode Theory," submitted to *The Japan Society of Mechanical Engineers, Series C*.

研討會論文：

國際研討會

[1] Yon-Ping Chen and Keh-Tsong Li, "Output Feedback Sliding-mode Controller Design," *International Conference on Control, Automation, Robotics and Vision*, Singapore, 2000.

[2] Keh-Tsong Li, Jeang-Lin Chang, and Yon-Ping Chen, "Sliding Control with Genetic Algorithm for Mismatched Disturbance," *International Conference on Control, Automation, Robotics and Vision*, Singapore, 2000.

[3] Keh-Tsong Li, Jeang-Lin Chang, and Yon-Ping Chen, "Using Grey System to Design the State Estimation in Discrete Systems," *International Conference on Motion and Vibration Control*, Japan, 2002.

國外研討會

[1] Yon-Ping Chen and Keh-Tsong Li, "Real-Coded Rank Based Genetic Algorithm,"

中華民國自動控制研討會，pp. 150-155,1998.

[2] Yon-Ping Chen and Keh-Tsong Li, "A New Method Combines Genetic Algorithm and Neural Network," 中華民國自動控制研討會, 1999.

[3] Yon-Ping Chen, Jeang-Lin Chang, and Keh-Tsong Li, "Sliding-Mode Control for Mismatched Uncertainties," 中華民國自動控制研討會, pp. 728-732, 2000.

其他：

[1] 陳永平，李克聰，“結合基因法則技術之類神經網路技術在手寫辨識系統之應用，” 第六十四期工程科技通訊, pp. 147-151, 2002.

