參考文獻

- [1] P. Fiorini and E. Prassler, "Cleaning and Household Robots: A Technology Survey," *Autonomous Robot*, vol. 9, no.3, pp. 227-235,2000.
- [2] C. Luo, S. X. Yang, D. A. Stacey and J. C. Jofriet, "A Solution to Vicinity Problem of Obstacles in Complete Coverage Path Planning," in *Proc. of IEEE International Conference on Robotics and Automation*, Washington, DC, Oct. 2002, pp. 612-617.
- [3] Y.T Lang and B.Y. Chee, "Coordination of Behaviors for Mobile Robot Floor Cleaning," in *Proc of IEEE International Conference on Intelligent Robots and Systems*, Victoria, B.C, Canada, Oct 1998, pp.1236~1241.
- [4] S. Hernandez, C. A. Morales, J. M. Torres and L. Acosta "A New Localization System for Autonomous Robots," in Proc. of IEEE International Conference on Robotics and Automation, Taipei, Taiwan, Sep. 2003, pp. 1588-1593.
- [5] J. Palacin, X. Lasa and S. Marco, "Straight-Line Path Following in Cleaning Robots Msing Lateral Ultrasonic Sensors," in *Proc. of IEEE Conference on Instrumentation and Measurement Technology*, vol. 2, 20-22 May, 2003, pp. 1484-1487.
- [6] C. Jennings, D. Murray, and J.J. Little "Cooperative Robot Localization with Vision-based Mapping," in *Proc. of IEEE International Conference on Robotics and Automatic*, 1999, pp. 2659-2665.
- [7] S. C. Wong and B. A. MacDonald "A topological coverage algorithm for mobile robots," in *Proc of IEEE International Conference on Intelligent* Robots and Systems, Las Vegas, Nevada, Oct 2003, pp. 1685-1690.
- [8] K. Suzuki, S. Makami, J. Akita and E. I. Osawa "Development of cooperative small mowing robots," in *Proc. of IEEE international Conference Symposium on Computational Intelligence in Robotics and*

- Automation, July 16-20, 2003, Kobe, Japan, pp.1498-1502.
- [9] H. Choset, "Coverage of known Spaces: The Boustrophedon Cellular Decomposition," *Autonomous Robots*, vol.9, no.3, 2000, pp.247~253.
- [10] W. H. Huang, "Optimal Line-Sweep-based Decompositions for Coverage Algorithms," in *Proc. of IEEE International Conference on Robotics and Automation*, pp.27-32, vol.1, 2001.
- [11] J. S. Oh, J. B. Park and Y. H. Choi, "Complete coverage navigation of clean robot based on triangular cell map," in *Proc of IEEE International Symposium on Industrial Electronics*, vol.3, June 12-16 2001, pp. 2089 -2093.
- [12] M. Schofield, "Neither Master Nor Slave..." A Practical Case Study In The Development and Employment of Cleaning Robots," in *Proc. of IEEE* International Conference on Emerging Technologies and Factory Automation, Vol.2, Oct., 2000, pp. 1427-1434.
- [13] N, Infrared Emitting Diodes (EL-IKL3) Data Sheet, KODENSHI, 2004.
- [14] N, The Operator's Manual of Husqvarna Auto Mower, Business Manager Automatic Lawnmowers, 2002.
- [15] N, IR 330 receive module Data sheet, Liteon, 2003.
- [16]黄信益,"基於行為模式之家用機器人導航設計,"碩士論文,交通大學, 2003
- [17]簡辰竹, "家用機器人之影像追蹤系統,"碩士論文, 交通大學,2002
- [18]張以民,"整合有效率的路徑規劃以及彈性反應控制之自主導航研究," 碩士論文,中正大學,2002.