

參考文獻

- [1] R. J. Anderson and M. W. Spong, "Bilateral Control of Teleoperators with Time Delay," *IEEE Transaction on Robotics and Automation*, Vol. 13, No. 5, pp. 494-501, 1989.
- [2] K. Goldberg, M. Mascha, S. Gentner, N. Rothenberg, C. Sutter, and J. Wiegley, "Desktop Telepration via the World Wide Web," *IEEE International Conference on Robot and Automation*, pp. 654-659, 1995.
- [3] H. Hashimoto and S. Manorotkul, "Tele-Handshake through the Internet," *IEEE International Workshop on Robot and Human Communication*, pp. 90-95, 1996.
- [4] N. Hogan, "Controlling impedance at the man/machine interface," *IEEE International Conference on Robotics and Automation*, Vol.3, pp. 1626-1631, 1989.
- [5] N. Hogan, "Stable Execution of Contact Tasks Using Impedance Control," *IEEE International Conference on Robotics and Automation*, pp. 1047-1054, 1987.
- [6] Y. Kunii and H. Hashimoto, "Tele-handshake Using HandShake Device," *Proceedings of the 1995 IEEE IECON 21st International Conference on Industrial Electronics, Control, and Instrumentation*, Vol. 1, pp. 179-182, 1995.
- [7] K. F. Li, "Bilateral Control of Internet-Based Telerobotic System under Time Delay," *S. M. Thesis, Department of Electrical and Control Engineering, National Chiao Tung University, Taiwan, R.O.C.*, 2004.

- [8] W. C. Lin, "Design and Control of a 2-DOF Force-Reflection Joystick for Simulation System," *S. M. Thesis, Department of Electrical and Control Engineering, National Chiao Tung University, Taiwan, R.O.C.*, 2002.
- [9] R. C. Luo, K. L. Su, S. H. Shen, and K. H. Tsai, "Networked Intelligent Robots Through the Internet: Issues and Opportunities," *Proceedings of the IEEE*, Vol. 91, No. 3, pp.371-382, 2003.
- [10] T. Matsumaru, S. Kawabata, T. Kotoku, N. Matsuhira, K. Komoriya, K. Tanie, and K. Takase, "Taskbased Data Exchange for remote Operation System through Communication Circuit," *Proceedings of IEEE International Conference on Robotics and Automation*, Detroit, MI, U.S.A., 1999.
- [11] K. Ohba, S. Kawabata, N. Y. Chongl, K. Komoriya, T. Matsumaru, N. Matsuhira, K. Takase, and K. Tanie, "Remote Collaboration through Time Delay in Multiple Teleoperation," *Proceedings of the 1999 IEEE International Conference on Intelligent Robots and Systems*, pp.1866-1871, 1999.
- [12] M. Ouhyoung, J. R. Wu, W. N. Tsai, T. J. Yang, and C. H. Huang, "A Force Feedback Joystick and Its Use in PC Video Games," *Proceedings of International Conference on Consumer Electronics*, pp.326-327, 1995.
- [13] J. H. Park and H. C. Cho, "Sliding Mode Controller for Bilateral for Bilateral Teleoperation with Time Delay," *IEEE/ASME International Conference on Advanced Intelligent Mechatronics*, pp. 311-316, 1999.
- [14] A. Rovetta, R. Sala, X. Wen, and A. Togno, "Remote Control in Telerobotic Surgery," *IEEE Transaction on Systems, Man, and Cybernetics- Part A: Systems and Humans*, Vol. 26, No. 4, pp. 438-444, 1996.
- [15] D. Wang, K. Tuer, L. Ni and P. Porciello, "Conducting a real-time remote handshake with haptics," *Proceedings of 12th International Symposium on Haptic Interfaces for Virtual Environment and Teleoperator Systems*, 2004.

- [16] D. Y. Wu, “Modeling and Analysis of Virtual Manipulator based on a 2-DOF Force-Reflection Joystick,” *S. M. Thesis, Department of Electrical and Control Engineering, National Chiao Tung University, Taiwan, R.O.C.*, 2003.
- [17] Y. Yokokohji, R. L. Hollis, and T. Kanade, “What you can see is what you can feel development of a visual/haptic interface to virtual environment,” *IEEE Virtual Reality Annual International Symposium*, pp. 46-54, 1996.
- [18] Y. Yokokohji, T. Imaida, and T. Yoshikawa, “Bilateral Teleoperation under Time-Varying Communication Delay,” *IEEE International Conference on Intelligent Robots and Systems*, pp. 1854-1859, 1999.
- [19] Y. Yokokohji, T. Teruhiro, and T. Yoshikawa, “Bilateral Control with Time-Varying Delay including Communication Blackout,” *IEEE International Conference on Haptic Interfaces for Virtual Environment and Teleoperator Systems*, pp. 285-292, 2002.
- [20] *Doctors claim world first in telesurgery*,
<http://news.bbc.co.uk/1/hi/sci/tech/1552211.stm>
- [21] *Phantom* , http://www.sensable.com/products/phantom_ghost/phantom.asp
- [22] *Virtual hands reach across ocean* ,
<http://news.bbc.co.uk/1/hi/technology/2371103.stm>
- [23] Immersion Corporation, *Laparoscopic Impulse Engine, Impulse Engine 2000, and Impulse Stick Software Development Kit*, release 5.0, September 2000.
- [24] Richard S. Wright, Jr. Michael Sweet, *OpenGL SuperBible*, second edition, Waite Group Press, 2000.
- [25] 黃俊堯, 黃燿文, 許景華, 陳孝忠, *WinSock 網路程式設計之鑰*, 資訊人文有限公司, 1996.