7 REFERENCES

[1] Craig, J. J. (2005). *Introduction to Robotics: Mechanics and Control.* Pearson Education, Incorporated.

[2] Fu, K. S., González, R. C., & Lee, C. S. G. (1987). *Robotics: control, sensing, vision, and intelligence.* McGraw-Hill.

[3] Biagiotti, L., & Melchiorri, C. (2008). Trajectory Planning for Automatic Machines and Robots. Springer.

[4] Angelo, J. A. (2007). *A reference guide to the new technology.* Phoenix AZ: Oryx Press.

[5] ISO TC 184/SC 2/WG 1. (2007). *ISO 8373:1994, Manipulating industrial robots - Vocabulary.* Multiple. Distributed through American National Standards Institute.

[6] Groover. (1986). Industrial Robotics: Technology, Programming, and Applications. Tata McGraw-Hill Education.

[7] Statistics - IFR International Federation of Robotics. (2013). *Executive Summary - World Robotics 2013.* Retrieved November 22, 2013, from http://www.ifr.org/industrial-robots/statistics/

[8] International Federation of Robotics. (2013, November 17). In *Wikipedia, the free encyclopedia.* Retrieved from http://en.wikipedia.org/w/index.php?title=International_Federation_of_Robotics&oldid=578758307

[9] Spong, M. W. Seth, H. Vidyasagar, M. (2005). *Robot Modelling and Control Robot Modelling and Control.* John Wiley & Sons Inc.

[10] Holonomic constraints. (2013, October 29). In *Wikipedia, the free encyclopedia.* Retrieved from http://en.wikipedia.org/w/index.php?title=Holonomic_constraints&oldid=579223292

[11] Murray, R. M., Li, Z., & Sastry, S. S. (1994). *A mathematical introduction to robotic manipulation.* Boca Raton: CRC Press.

[12] LaValle, S. M. (2006). *Planning algorithms*. Cambridge; New York: Cambridge University Press.

[13] Robotics, I. F. of. (2004). *World Robotics 2004*. United Nations Publications.

[14] Vandermonde matrix. (2013, December 7). In *Wikipedia, the free encyclopedia*. Retrieved from http://en.wikipedia.org/w/index.php?title=Vandermonde_matrix&oldid=572886908

[15] Piazzi, A., & Visioli, A. (2000). Global minimum-jerk trajectory planning of robot manipulators. *IEEE Transactions on Industrial Electronics*, *47*(1), 140–149. doi:10.1109/41.824136

[16] Macfarlane, S., & Croft, E. A. (2003). Jerk-bounded manipulator trajectory planning: design for real-time applications. *IEEE Transactions on Robotics and Automation*, *19*(1), 42–52. doi:10.1109/TRA.2002.807548

[17] Runge's phenomenon. (2013, October 29). In *Wikipedia, the free encyclopedia*. Retrieved from http://en.wikipedia.org/w/index.php?title=Runge%27s_phenomenon&oldid=577854180

[18] Psychophysics. (2013, December 8). In *Wikipedia, the free encyclopedia*. Retrieved from http://en.wikipedia.org/w/index.php?title=Psychophysics&oldid=584337128

[19] Flash, T., & Hogan, N. (1985). The coordination of arm movements: an experimentally confirmed mathematical model. *The Journal of Neuroscience*, *5*(7), 1688–1703.

[20] Richardson, M. J. E., & Flash, T. (2002). Comparing Smooth Arm Movements with the Two-Thirds Power Law and the Related Segmented-Control Hypothesis. *The Journal of Neuroscience*, *22*(18), 8201–8211.

[21] Piazzi, A., & Visioli, A. (2000). Global minimum-jerk trajectory planning of robot manipulators. *IEEE Transactions on Industrial Electronics*, *47*(1), 140–149. doi:10.1109/41.824136

[22] Simon, D., & Isik, C. (1993). A trigonometric trajectory generator for robotic arms. *International Journal of Control*, *57*(3), 505–517. doi:10.1080/00207179308934404

[23] Simon, D. (1993). The application of neural networks to optimal robot trajectory planning. *Robotics and Autonomous Systems*, *11*(1), 23–34. doi:10.1016/0921-8890(93)90005-W

[24] Munasinghe, S. R., Nakamura, M., Iwanaga, T., Goto, S., & Kyura, N. (2001). Precise, jerk-free contouring of industrial robot arms with trajectory allowance under torque and velocity constraints. In *The 27th Annual Conference of the IEEE Industrial Electronics Society, 2001. IECON '01* (Vol. 1, pp. 204–209 vol.1). doi:10.1109/IECON.2001.976480

[25] Macfarlane, S., & Croft, E. A. (2003). Jerk-bounded manipulator trajectory planning: design for real-time applications. *IEEE Transactions on Robotics and Automation*, *19*(1), 42–52. doi:10.1109/TRA.2002.807548