HITAKA Yoshikazu

Organization	Electrical Engineering
Position	Professor
Academic Title	Doctor(Engineering)
Research Fields	Control Engineering, Robotics, Engineering Education

<< Research Subjects >>

1. Engineering Education
2. Robot behavior

<< Academic Activities >>

Papers and Notes

1. Yoshikazu HITAKA, Shinya SENBA:“An Approach to Practical Education for Manufacturing Skills in Laboratory Works on Electrical Engineering”, Journal of Education in the Colleges of Technology, Vol.32, pp.95-98(2009.3)
2. Yoshikazu HITAKA, Shinya SENBA:“Development of Original Electric Craft Kits for an Open Lecture”, Journal of Education in the Colleges of Technology, Vol.31, pp.785-790（2008.3）
3. Yoshikazu HITAKA, Akihiko UCHIBORI:“Trial of the student education of national college of technology in cooperation with community activities”, Journal of Education in the Colleges of Technology, Vol.30, pp.523-526(2007.3)
4. Yoshikazu HITAKA:“Trial of the guidance of learning goal setup in student through National Skills Competition activities", Journal of Education in the Colleges of Technology, Vol.29, pp.589-593(2006.3)
5. Yoshikazu HITAKA, Shinichi MITUMOTO:“Student Guidance through the Handicraft Lecture outside College”, Journal of Education in the Colleges of Technology, Vol.28, pp.595-599(2005.5)
6. Teruyuki IZUMI, Yoshikazu HITAKA :“Hitting from Any Direction in 3-D Space by a Robot with a Flexible Link Hammer”, IEEE Transactions on Robotics and Automation, Vol.13, No.2, pp.296-301(1997.4)
7. Yoshikazu HITAKA, Teruyuki IZUMI ：“Hitting in a Gravitational Field by a Robot with a Mode-Controlled Flexible Link Hammer", Transactions of the Japan Society of Mechanical Engineers (C), Vol.62, No.596, pp.1510-1518(1996.4)
8. Teruyuki IZUMI, Yoshikazu HITAKA, Junki ITO, Mutsuo NAKAOKA ：“Continuous Hitting by a Robot with a Flexible Link Hammer”, Journal of the Robotics Society of Japan, Vol.13, No.7, pp.971-978(1995.10)
9. Yoshikazu HITAKA, Teruyuki IZUM ：“A Continuous Hitting to an Object with an Unknown Coefficient of Rebound by a Flexible Link Hammer Using Neural Networks”, Transactions of the Institute of Electrical Engineers of Japan (C), Vol.115-C, No.9, pp.1086-1093(1995.9)
10. Teruyuki IZUMI, Yoshikazu HITAKA ：“Consideration for a Hitting Velocity Vector of a Flexible Link Hammer andIts Application to a Nailing by a Robot”, Journal of the Robotics Society of Japan, Vol.12, No.1, pp.99-104(1994.1)
11. Teruyuki IZUMI, Yoshikazu HITAKA ：“Control of a Hitting Velocity and Direction for a Hammering Robot Using a Flexible Link”, Journal of the Robotics Society of Japan, Vol.11, No.3, pp.436-443(1993.4)

Presentations

1. Keisuke MIURA, Yoshikazu HITAKA, Koichi ISHIDA:“A System for Visualization of Power Consumption”, Proceedings of the 1st IEEE/IIEA International Conference on Intelligent Systems and Image Processing 2013(ICISIP2013), pp.22 -26, Kitakyushu (Japan, Kyushu Institute of Technology), 9.26-27(2013)
2. Hiromasa TOMIMOTO, Yoshikazu HITAKA, Shota NAKASHIMA, Kazuo HARUYAMA:“Home Appliances Monitoring System using a Hall Element”, Proceedings of the 1st IEEE/IIEA International Conference on Intelligent Systems and Image Processing 2013(ICISIP2013), pp.27 -30, Kitakyushu (Japan, Kyushu Institute of Technology), 9.26-27(2013)
3. T.IZUMI, H.ZHOU and Y.HITAKA:“HITTING ROBOT WITH A FLEXIBLE LINK HAMMER”, Proceedings of Third International Symposium on Artificial Life and Robotics (AROBⅢ'98), pp.51-54, Oita(Japan), 1.19-21(1998)

4. H.SUYAMA, T.IZUMI and Y.HITAKA:“TWO DIMENSIONAL PRECISE POSITIONING USING AN IMPULSE FORCE CONTROLLED BY FUZZY REASONING”, Proceedings of the 1996 4th International Workshop on Advanced Motion Control, Vol.1, pp.53-58, Mie(Japan), 3.18-21(1996)
5. Y.HITAKA and T.IZUMI: “MINIMUM ENERGY DRIVING A FLEXIBLE LINK HAMMER USING NEURAL NETWORKS”, Proceedings of the 1995 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vol.3, pp.320-325, Pittsburgh(USA), 8.5-9.(1995)
6. Y.HITAKA and T.IZUMI: “CONTINUOUS HITTING BY A FLEXIBLE LINK HAMMER WITH NEURAL NETWORKS GENERATING INPUT PATTERN”, Proceedings of the 9th Korea Automatic Control Conference, pp.721-724, Taejeon(Korea), 10.17-20(1994)
7. T.IZUMI and Y.HITAKA:“HITTING UNDER GRAVITY BY A ROBOT WITH A FLEXIBLE LINK HAMMER”, Proceedings of the 1994 Japan Industry Applications Society Conference, pp.67-70, Matsuyama(Japan), 8.24-26(1994)
8. T.IZUMI and Y.HITAKA:“CONTROL OF A FLEXIBLE LINK HAMMER IN A GRAVITATIONAL FIELD AND ITS APPLICATION TO A HOME ROBOT TAPPING HUMAN SHOULDERS”, Proceedings of the 1993 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vol.2, pp.1188-1193, Yokohama(Japan), 7.26-30(1993)
9. T.IZUMI and Y.HITAKA:“CONTROL OF A FLEXIBLE LINK HAMMER FOR A HAMMERING ROBOT”, Proceedings of the IFAC 12th World Congress International Federation of Automatic Control, Vol.7, pp.305-308, Sydney(Australia), 7.18-23(1993)
10. T.IZUMI, Y.HITAKA:“CONTROL OF IMPACT FOR A HAMMERING ROBOT USING A FLEXIBLE LINK”, Proceedings of the IMACS/SICE International Symposium on Robotics, Mechatronics and Manufacturing System, Vol.2, pp.1347-1352, Kobe(Japan), 9.16-20(1992)