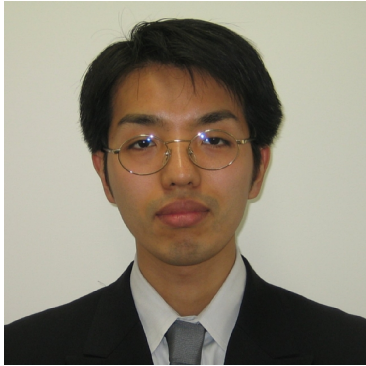




[Mechanical Engineering](#) > ICHIDA Keisuke



**ICHIDA Keisuke**

Organization	Mechanical Engineering
Position	Lecturer
Academic Title	Doctor(Engineering)
Research Fields	Control Engineering, Robotics

## << Research Subjects >>

1. [Underactuated Manipulators](#)

## << Academic Activities >>

### Papers and Notes

1. [Keisuke Ichida, Kiyotaka Izumi and Keigo Watanabe : "Control of Three-Link Underactuated Manipulators Using a Switching Method of Fuzzy Energy Regions", Artificial Life and Robotics, Vol.12, No.12, pp.258-263 \(2008\)](#)
2. [Kiyotaka Izumi, Keisuke Ichida and Keigo Watanabe : " Cost-function analysis of optimizing fuzzy-energy regions in the control of underactuated manipulators", Artificial Life and Robotics, Vol.10, No.2, pp.170-176 \(2006\)](#)

### Presentations

1. [Keisuke Ichida, Keigo Watanabe and Kiyotaka Izumi: "Control of Three-Link Underactuated Manipulators by a Logic-based Switching Method". Proc. of 2009 IEEE International Conference on Networking Sensing and Control, pp.108-112, Okayama\(Japan\), March 26-29 \(2009\)](#)
2. [Keisuke Ichida, Kiyotaka Izumi and Keigo Watanabe: "Energy Region Design of using Projection for Three-Link Underactuated Manipulators", Proc. of the SICE Annual Conference, pp.2379-2384, Kagawa\(Japan\), Sept. 17-20 \(2007\)](#)
3. [Keisuke Ichida, Kiyotaka Izumi and Keigo Watanabe: "Fuzzy Switching Control of Underactuated Manipulators with Approximated Switching Regions", Proc. of 2006 IEEE/RSJ International Conference on Intelligent Robots and Systems, pp.586-591, Beijing\(China\), Oct. 9-15 \(2006\)](#)