



[General Education\(Science\)](#) > NISHIZAWA Yusuke

## NISHIZAWA Yusuke



Organization	General Education(Science)
Position	Associate Professor
Academic Title	Doctor(Science)
Research Fields	Dynamical systems

### << Research Subjects >>

- [Dynamical systems of diffeomorphisms exhibiting homoclinic tangencies.](#)
- [Dynamical systems of diffeomorphisms exhibiting heterodimensional cycles with heterodimensional tangencies.](#)
- [One dimensional dynamical systems of continuous maps exhibiting point bifurcations.](#)

### << Academic Activities >>

#### Papers and Notes

- [Mitsuhiro Miyagi and Yusuke Nishizawa: "A short proof of an open inequality with power-exponential functions", Aust. J. Math. Anal. Appl. Vol.11, no.1, Art.6, 3 pp. \(2014\)](#)
- [Mitsuhiro Miyagi and Yusuke Nishizawa : " Proof of an open inequality with double power-exponential functions", J. Inequal. Appl., 2013:468 \(2013\)](#)
- [Eiichi Mitsukura and Yusuke Nishizawa: "Simultaneous point bifurcations and bubbles for two parameter family of cubic polynomials", Far East J. Dynam. Syst. Vol.15, pp.67-82\(2011\)](#)
- [Shin Kiriki, Yusuke Nishizawa and Teruhiko Soma: "Heterodimensional tangencies on cycles leading to strange attractors", Discrete Conti. Dynam. Sys. Vol.27, pp. 285-300\(2010\)](#)
- [Yusuke Nishizawa: "Existence of horseshoe sets with nondegenerate one-sided homoclinic tangencies in  \$R^3\$ ", Hokkaido Mathematical Journal, Vol.8, pp. 133-145 \(2008\)](#)