

Curriculum Vitae, Tetsushi Ueta

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Professor, Center for Administration of Information Technology

Tokushima University

Born in Kochi, Japan, 1967.

Phone: +81 - 88 - 656 - 7501

E-mail: ueta@tokushima-u.ac.jp

WEB: <http://risa.is.tokushima-u.ac.jp>

Educational Background

- 1987. 3. A.B.E., Dept. EE, Kochi College of Technology
- 1990. 3. B.E., Dept. EE, Faculty of Eng., Tokushima University
- 1992. 3. M.E., Graduate School, Tokushima University
- 1992. 7. Left PhD course unfinished, Graduate School, Tokushima University
- 1996. 5. Doctor of Engineering, Tokushima University

Academic Career

- 1992. 8. Research associate, Dept. Info. Sci. & Intelligent Systems, Faculty of Eng., Tokushima Univ.
- 1997. 4. Assistant Professor, Dept. Info. Sci. & Intelligent Systems, Faculty of Eng., Tokushima Univ.
- 1998. 5. Visiting researcher, The University of Houston (till 1999. 4)
- 2002. 4. Associate Professor, Center for Adv. Info. Tech., Tokushima University
- 2009. 4. Professor, Center for Adv. Info. Tech., Tokushima University
- 2012. 4. Director, Center for Administration of Info. Tech., Tokushima University
- 2016. 4. Vice Director (Public Relation, Info. Admin.), Prof. and Director of Center Admin. Info. Tech.
- 2018. 4. Vice Director (Public Relation, Info. Plan), Prof. and Director of Center Admin. Info. Tech.

Field of Study

Nonlinear Dynamical Systems, Nonlinear Circuits, Bifurcation Theory, Chaos, Controlling Chaos

Academic Activities

- Academic Organizations
 - IEICE Japan, Senior Member: Advisory, Nonlinear Problems, 2013—, Secretary, NOLTA IEICE (journal) 2013—
 - IEEE, Senior Member: Technical Committee Member, NCAS, 2001—, Chair, CAS Shikoku Chapter, 2015—
- Management of International Conferences (recent)
 - General Chair, NCSP 2015 Kuala Lumpur, RISP Japan
 - General Chair, NOLTA 2015 Hong Kong, IEICE Japan

Supervision

5 PhDs (including an international student), 36 MEs (including 2 international students), 63 BEs

Publications

18 books & book chapters, 90 journal papers, 152 Intl. conf. papers, 289 workshop articles

Old publications

- G. Chen and T. Ueta, Yet another chaotic attractor, Intl. J. Bifurcation and Chaos, **9**, 7, 1999, [2,503 cited](#).
- T. Ueta and G. Chen, Bifurcation analysis of Chen's equation, Intl. J. Bifurcation and Chaos, **10**, 8, 2000, [459 cited](#).
- G. Chen and T. Ueta (eds.) *Chaos in circuits and systems*, World Scientific, 2002, [138 cited](#).
- T. Kousaka, T. Ueta, and H. Kawakami, Bifurcation of switched nonlinear dynamical systems, IEEE Trans. CAS II, **46**, 7, 1999, [106 cited](#).

Recent publications

- D. Ito, T. Ueta, K. Aihara, Bifurcation analysis of eight coupled degenerate optical parametric oscillators, Physica D, **372**, 22—30, 2018.
- Y. Miino, T. Ueta, H. Kawakami, Nonlinear resonance and devil's staircase in a forced planer system containing a piecewise linear hysteresis, Chaos, Solitons and Fractals, **111**, 75—85, 2018.
- D. Ito, H. Asahara, T. Kousaka, T. Ueta, Clock pulse modulation for ripple reduction in buck-converter circuits, Elsevier, Chaos, Solitons and Fractals, **111**, 138—145, June 2018.
- T. Kojima, T. Ueta, T. Yoshinaga, Multivalued discrete tomography using dynamical system that describes competition, Mathematical Problems in Engineering, 8160354, Oct. 2017.