



Curriculum Vitae, Tetsushi Ueta

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Professor, Center for Administration of Information Technology
Tokushima University
Born in Kochi, Japan, 1967.

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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. 3 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, University of Houston (till 1999. 4)
- 2002. 10 Associate Professor, Center for Advanced 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: Secretary, NOLTA IEICE (journal) 2013—; Service Committee member 2018—; President, NOLTA Society 2018—2019.
 - IEEE, Senior Member: Technical Committee Member, NCAS, 2001—; Chair, CAS Shikoku Chapter, 2015—2018; Vice Chair, Shikoku Section, 2019—
- Management of International Conferences (recent)
 - General Co-Chair, NCSP 2015 Kuala Lumpur, RISP Japan
 - General Co-Chair, NOLTA 2015 Hong Kong, IEICE Japan

Supervision

7 PhDs (including an international student), 36 MEs (including 2 international students), 65 BEs

Publications

18 books & book chapters, 93 journal papers, 155 Intl. conf. papers, 296 workshop articles

Old publications

- G. Chen and T. Ueta, Yet another chaotic attractor, Intl. J. Bifurcation and Chaos, **9**, 7, 1999, [2,704 cited](#).
- T. Ueta and G. Chen, Bifurcation analysis of Chen's equation, Intl. J. Bifurcation and Chaos, **10**, 8, 2000, [440 cited](#).
- G. Chen and T. Ueta (eds.) *Chaos in circuits and systems*, World Scientific, 2002, [143 cited](#).
- T. Kousaka, T. Ueta, and H. Kawakami, Bifurcation of switched nonlinear dynamical systems, IEEE Trans. CAS II, **46**, 7, 1999, [112 cited](#).

Recent publications

- Y. Miino, T. Ueta, Influence of bifurcation structures revealed by refinement of a nonlinear conductance in Josephson junction element, Complexity, No.8931525, Dec. 2018.
- Y. Miino, D. Ito, H. Asahara, T. Kousaka, T. Ueta, A general method to stabilize unstable periodic orbits for switched dynamical systems with a periodically moving threshold, Int. J. Circuit Theory and Applications, 1—14, **46**, Issue 12, Oct. 2018.
- D. Ito, T. Ueta, K. Aihara, Bifurcation analysis of eight coupled degenerate optical parametric oscillators, Elsevier, Physica D, **372**, 22—30, June 2018.
- D. Ito, H. Asahara, T. Kousaka, T. Ueta, Clock pulse modulation for ripple reduction in buck-converter circuits, Chaos, Solitons and Fractals, **111**, 138—145, June 2018.