



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, *ibid.*
- 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, *ibid.*
- 1998. 5 Visiting Researcher, University of Houston (till 1999. 4)
- 2002. 10 Associate Professor, Center for Advanced Info. Tech., Tokushima University
- 2009. 4 Professor, *ibid.*
- 2012. 4 Director, Center for Administration of Info. Tech., Tokushima University
- 2016. 4 Vice Director (Public Relation, Info. Admin.), Prof. and Director, *ibid.*
- 2018. 4 Vice Director (Public Relation, Info. Plan), Prof. and Director, *ibid.*
- 2020. 4 Vice Director (Info. Plan, Public Relation), Prof. and Vice Director, *ibid.*

Field of Study

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

Academic Activities

- Academic Organizations
 - IEICE Japan, Fellow: Secretary, NOLTA IEICE (journal) 2013—; President, NOLTA Society 2018—2019.
 - IEEE, Senior Member: Technical Committee Member, NCAS, 2001—; Chair, CAS Shikoku Chapter, 2015—2018; Vice Chair, Shikoku Section, 2019—2020; Chair, Shikoku Section 2021—
- 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), 40 MEs (including 2 international students), 72 BEs

Publications

18 books & book chapters, 98 journal papers, 164 Intl. conf. papers, 312 workshop articles

Old publications

- G. Chen and T. Ueta, Yet another chaotic attractor, *Intl. J. Bifurcation and Chaos*, **9**, 7, 1999, [3,018 cited](#).
- T. Ueta and G. Chen, Bifurcation analysis of Chen's equation, *Intl. J. Bifurcation and Chaos*, **10**, 8, 2000, [473 cited](#).
- G. Chen and T. Ueta (eds.) *Chaos in circuits and systems*, World Scientific, 2002, [157 cited](#).
- T. Kousaka, T. Ueta, and H. Kawakami, Bifurcation of switched nonlinear dynamical systems, *IEEE Trans. CAS II*, **46**, 7, 1999, [126 cited](#).

Recent publications

- Y. Miino, D. Ito, T. Ueta, and H. Kawakami, Locating and stabilizing unstable periodic orbits embedded in the horseshoe map, *Intl. J. of Bifurcation & Chaos*, Vol.31, No.4, 2150110, Apr. 2021
- S. Amoh, D. Ito, T. Ueta, A method to suppress local minima for symmetrical DOPO networks, *Nonlinear Theory and Its Applications*, IEICE, Vol. 11, No. 4, 580—589, Oct. 2020.
- Y. Miino, T. Ueta, H. Kawakami, Bending angles of a broken line causing bifurcations and chaos, *Nonlinear Theory and Its Applications*, IEICE, Vol.11, No.3, 359—371, July 2020.