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Education

- April, 2014 – Present Ph.D. candidate, Kyoto University,
Graduate School of Engineering, Department of Electrical Engineering
Advisor: Professor Takashi Hikihara
- March, 2014 M.E., Kyoto University,
Graduate School of Engineering, Department of Electrical Engineering
Advisor: Professor Takashi Hikihara
Thesis: Modeling and Analysis of Dynamics
in Two-Sites Regional Power and Heat Supply System
- March, 2012 B.E., Kyoto University,
Faculty of Engineering, Undergraduate School of Electrical and Electronic Engineering
Advisor: Professor Takashi Hikihara
Thesis: A Study on Collective Dynamics of a Power Network of Induction Generators

Archival journal articles

1. H. Hoshino, Y. Susuki, and T. Hikihara, Stability of two-sites regional power and heat supply system—Numerical Simulations under Step Change of Heat Transfer Reference, Transactions of the Institute of Systems, Control and Information Engineers, 27 (11), 452–460 (2014).

Refereed conference proceedings

1. Y. Susuki, H. Hoshino, T. Hikihara, and I. Mezic, Nonlinear instability of a network of fixed-speed induction generators, Proceedings of the 13th European Control Conference (ECC2014), pp. 1313-1318, Strasbourg, France, June 24-27, 2014.
2. H. Hoshino, Y. Susuki, and T. Hikihara, A nonlinear dynamical model of two-sites electricity and heat supply system, 2014 International Symposium on Nonlinear Theory and its Applications (NOLTA2014), pp. 482-485, Luzern, Switzerland, September 14-18, 2014.