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KATSUTA Yuji

Organization	Intelligent System Engineering
Position	Associate Professor
Academic Title	Doctor(Engineering)
Research Fields	Electrical Circuit, Digital Circuit, Embedded System

<< Research Subjects >>

1. Analysis of Nonlinear System with Symmetry

<< Academic Activities >>

Papers and Notes

1. Y. Katsuta and H. Kawakami, "Four-Phase Oscillations Observed in Two Oscillators Coupled with Nonlinear Inductors", Electronics and Communications in Japan, Part 3, Vol.89, No.3, pp.15-21 (2006)
2. Hiroyuki Kitajima, Yuji Katsuta, Hiroshi Kawakami: "Bifurcations of Periodic Solutions in a Coupled Oscillator with Voltage Ports", IEICE Trans. Fundamentals, Vol.E81-A, No.3, pp.476-482 (1998)
3. Tetsushi Ueda, Masafumi Tsueike, Hiroshi Kawakami, Tetsuya Yoshinaga, Yuuji Katsuta: "A Computation of Bifurcation Parameter Values for Limit Cycles", IEICE Trans. Fundamentals, Vol.E80-1, No.9, pp.1725-1728 (1997)
4. Y. Katsuta and H. Kawakami, "Symmetry of Periodic Solutions of Five Coupled Oscillators in a Ring", Electronics and Communications in Japan, Part 3, Vol.79, No.5, pp.60-70 (1996)
5. Y. Katsuta and H. Kawakami, "Bifurcations of Periodic Solutions in Nonlinear Nonautonomous System with Symmetry", Electronics and Communications in Japan, Part 3, Vol.77, No.3, pp.106-116 (1994)
6. Y. Katsuta and H. Kawakami, "Bifurcations of Equilibria and Periodic Solutions in a Nonlinear Autonomous System with Symmetry", Electronics and Communications in Japan, Part 3, Vol.76, No.7, pp.1-14 (1993)

Others

1. KATSUTA YUJI, "Two tone and multiple image discrimination and signal binarization system", US4999629-1991-03-12
2. KATSUTA YUJI, KAMADA HIROSHI, "Image signal binary encoder", US4972502-1990-11-20
3. KATSUTA YUJI, "Image signal compressing device", US4947259-1990-08-07
4. TAKANO SAKUHARU, NISHIBORI TOSHIKI, KATSUTA YUJI: "Method of reading and displaying an image in an information filing apparatus", US4926269-1990-05-15
5. KATSUTA YUJI, KAMATA HIROSHI: "Image signal binary encoder", US4853792-1989-08-01
6. TAKANO SAKUHARU, NISHIBORI TOSHIKI, KATSUTA YUJI: "Method of reading and displaying an image in an information filing apparatus.", EP0315061-1989-05-10
7. KATSUTA YUJI, KITA SUMIO, TAKANO SAKUHARU: "Apparatus for cataloging and retrieving image data", US4829453-1989-05-09
8. KAMADA HIROSHI, KITA SUMIO, KATSUTA YUJI, TAKANO SAKUHARU: "EINRICHTUNG UND VERFAHREN ZUM REGISTRIEREN UND WIEDERAUFFINDEN VON INFORMATION", DE3824976-1989-02-02
9. KATSUTA YUJI: "BILDSIGNAL-KOMPRESSIONSEINRICHTUNG", DE3824717-1989-02-02
10. KATSUTA YUJI: "Picture signal binarization system.", EP0297516-1989-01-04
11. KATSUTA YUJI, KITA SUMIO, TAKANO SAKUHARU, KAMADA HIROSHI: "Information record/retrieval device", US4797946-1989-01-10
12. KATSUTA YUJI, KAMADA HIROSHI: "Image signal binary encoder.", EP0279419-1988-08-24
13. KITA SUMIO, TAKANO SAKUHARU, KATSUTA YUJI: "Electronic information searching device", DE3735117-1988-04-28
14. KATSUTA YUJI, KITA SUMIO, TAKANO SAKUHARU, KAMADA HIROSHI: "EINRICHTUNG ZUM AUFZEICHNEN UND WIEDERAUFFINDEN AUFGEZEICHNETER INFORMATION", DE3642220-1987-06-19

15. [KATSUTA YUJI, NISHIBORI TOSHIKI, TANIGUCHI SHOJI: "Sheet separation device", DE3641984-1987-06-19](#)