



• Field Automatic control and application, etc.
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• Title

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Education background

1991 ~ 1995 Seoul National University (Doctor - Control Instrumentation)
1987 ~ 1991 Seoul National University (Master - Control Instrumentation)
1983 ~ 1987 Seoul National University (Bachelor - Control Instrumentation)

Major careers

2012.08 ~ 2013.01 present Director of the Information & Computing Center, Hallym University
2010.08 ~ 2012.07 present Director of the Information & Computing Center, Hallym University
2008.02 ~ 2009.01 Dean of the Department of Electronic Engineering
2004.02 ~ 2005.01 Dean of Division of Information and Communication Engineering
2002.02 ~ 2003.01 Head professor of Major in the Electronic Engineering
2000.02 ~ 2001.01 Head professor of Major in the Mechatronics
1999 ~ 2007 Advisory professor of MEDICO Co., Ltd.
1991 ~ 1995 Researcher of WooJoo Precision Co., Ltd.

Studies & Books

Theses

- A Lyapunov-like Approach to Performance Analysis of 3-Dimensional Pure PNG Laws, IEEE Trans. on Aerospace and Electronic systems (1994)
- control of discrete time linear systems with norm-bounded uncertainties and time delay in state, Automatica (1998)
- control of discrete time linear systems with time-varying delays in state, Automatica (1999)
- A fast settling servo controller for high-density disk drives, Microsystem Technologies (2003)
- New Feedforward Control of Brushless DC Motors (BLDCM) Using a Novel Disturbance Suppressor, IEEE 30th IAS Annual Meeting (1995)
- Design of a STT Missile Autopilot Using Functional Inversion and LMI Approach, IEEE Conference on Decision and Control (2000)
- Robust Adaptive Control of Uncertain Nonlinear Systems via Disturbance Observer Techniques, IEEE IECON 2003 (2003)
- Robust Control of Linear systems with Nonlinear Uncertainties via Disturbance Observer Techniques, IEEE ETFA 2003 (2003)
- A novel gain-clamping technique for EDFA in WDM add/drop networks, IASTED CSN 2003 (2003)
- 시변시간지연을 갖는 불확실한 이산 시간 선형시스템의 견실 안정성, 제어자동화시스템공학회 논문지 (1999)
- 시변 지연과 공경 대역 할당을 고려한 ABR 트래픽 흐름 제어기 설계와 성능 해석, 한국통신학회논문지 (2000)
- 시변시간지연을 갖는 이산시간 선형시스템의 점근안정도, 전기학회논문지 (1999)
- 외란관측기법과 최대최소제어방법을 이용한 시변입력외란을 갖는 선형시스템의 점근안정화, 제어자동화시스템공학회논문지 (2004)
- A Monitoring system for assessing life pattern of the Elderly living alone [Advances in Information Sciences and Service Sciences, SCOPUS, 공동(참여), 2011]

Others

Affiliated Society

- The Korean Institute of Communications and Information Sciences, The Institute of Control, Robotics and Systems