

Name: Jiraphon SRISERTPOL
Address: School of Mechanical Engineering
Suranaree University of Technology
111 University Avenue
Muang District, Nakhon Ratchasima
Thailand 30000
Phone: +66-44-224-410
Fax: +66-44-224-631



Email: jiraphon@sut.ac.th

Research Interests: System analysis, modelling and identification, vibration control, adaptive system applications

Present Occupation:

Chair, School of Mechanical Engineering
Assistant Professor of Mechanical Engineering
Suranaree University of Technology, Thailand

Education :

M.E.(Technical Maintenance Aviation Electrosystems and Pilot- Navigation Complexes) St.Petersburg State Academy of Aerospace Instrumentation, Russia,1998.

Ph.D. (System analysis, Control and Processing information), St.Petersburg State University of Aerospace Instrumentation, Russia, 2003.

Patents:

- Viscometer using Compensated Technique

Some Selected Publications:

- **Jiraphon Srisertpol**, Supot Phungpimai,“Model Reference Adaptive Temperature Control of the Infrared Oven Process in Manufacturing Process”, Proceeding of the 9th WSEAS International Conference on Signal Processing, Robotics and Automation (ISPRA’10), 20-22 February 2010, Cambridge, UK pp57-61.
- Chanyut Khajorntraidet, **Jiraphon Srisertpol**,”Simulation Studies of Position Control System for Estimation of DC Motor Load Torque”,Proceeding of the 9th WSEAS International Conference on Signal Processing, Robotics and Automation (ISPRA’10), 20-22 February 2010, Cambridge, UK pp107-112.
- **Jiraphon Srisertpol**, Chanyut Khajorntraidet,“Estimation of DC Motor Variable Torque using Adaptive Compensation”, Proceedings of the 2009 Chinese Control and Decision Conference (2009 CCDC) , 17-19 June 2009, Guilin, China.pp.718-723.
- **Jiraphon Srisertpol**, Supot Phungpimai, “Closed-loop Identification of Infrared Oven in HDD Manufacturing Process”, Proceedings of the 2009 Chinese Control and Decision Conference (2009 CCDC) , 17-19 June 2009, Guilin, China.pp.2396-2400.

- **Jiraphon Srisertpol**, Chanyut Khajorntraidet, Chermtong Prattanaruk “Adaptive Algorithms for Suppressing Beam Vibration of Dual Mass Cantilever Absorber”, Proceedings of the 36th International Summer School-Conference “Advanced Problems in Mechanics-2008 (APM08)”, 6-10 July 2008, St.Petersburg, Russia., pp.629-639.
- **Srisertpol J.**, Rodpai A. “Mathematical Model of Linear Viscoelastic Materials using Weighting Least Square Method”, Proceedings of the 26th IASTED International Conference on Modelling, Identification and Control (MIC 2007), 12-14 February 2007, Innsbruck, Austria., pp.452-457.