数学与系统科学研究院学术报告

报告题目：Research Development of Singular Systems

报 告 人：Wan Quan Liu，Dept. of Computing, Curtin University of Technology

时间地点：2006 年 8 月 28 日上午 10: 00—11: 00，思源楼 712

摘要:

In this talk, Prof. Liu will talk about the research development of singular systems along with his career development. The focus is on the concept of initial jumps, research development of robust control and model reduction for singular systems. Also he will talk about some basic results on decentralized control of singular/singularly perturbed systems. Finally, Prof. Liu will talk about the possible future research direction for singular systems

报告人简介及联系方式:

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Wan Quan Liu was born in Shandong, China. After finishing a four year BS program in applied mathematics from Qufu Normal University (QUFU), he went to the Institute of Systems Science (ISS), Chinese Academy of Science in 1985 as a postgraduate student pursuing his MS degree in Control Theory and Operational Research, which was completed in 1988. From 1988-1991, working in Qufu Normal University as a lecturer, he established the Institute of Automation there with my colleagues, which is now a very good research institute in China. In 1991, Wan Quan Liu joined Shanghai Jiaotong University (SJTU) to pursue my PhD degree in Engineering and finished in 1993. During 1993, he worked in Qufu Normal University as an Associate Professor and in the same year was invited to visit the University of Western Australia (UWA) as a Visiting Research Fellow, then a Research Associate until to 1998. Also he worked in part time at Curtin University of Technology (CURTIN) during 1997-1998. Wan Quan Liu joined the University of Sydney (SEIE) in 1998 as a U2000 Research Fellow. In 1999, he got ARC Research Fellow. Also in 1999, he was a Consultant in the Motorola Research Center in Sydney. Now he is working in Department of Computing at Curtin University of Technology.
His research interests include: Dynamics Systems and Control, Network reliability, Wavelets and Signal Processing.

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