



报告人： Prof. Alberto Isidori (意大利罗马大学)

报告题目： *Nonlinear Control Systems*

报告时间： 3月31日-4月16日每周一、二、三 14:00-16:00

报告地点： 智能系统与控制研究所223室

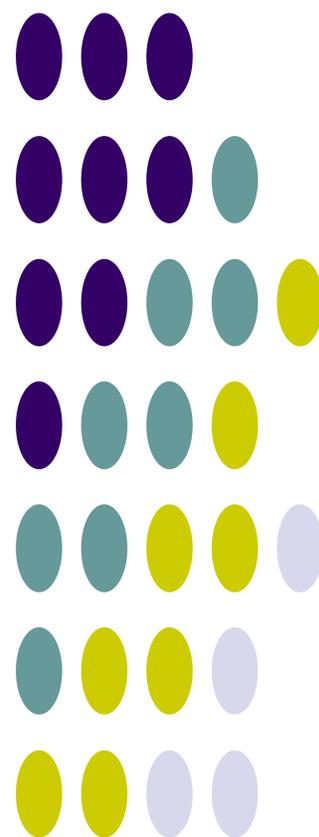
Abstract:

Prof. Alberto Isidori was born in Rapallo, Italy, in 1942. His research interests are primarily focused on mathematical control theory and control engineering. He graduated in electrical engineering from the University of Rome in 1965. Since 1975, he has been Professor of Automatic Control in this University. Since 1989, he also holds a part-time position of Professor of Systems Scie. and Math. at Washington University in St. Louis. He has held visiting positions at various academic/research institutions.

He has organized or co-organized several international Conferences on the subject feedback design for nonlinear systems. He is presently serving in numerous Editorial Boards of major archival journals, which include Automatica, IEEE Transactions on Automatic Control, International Journal of Control, Journal of Mathematical Systems Estimation and Control, International Journal of Robust and Nonlinear Control. He has also served in the program committee of several major international Conferences. He acted as Program director, in the area of Systems and Control, for the Italian Department of Education from 1983 to 1989. From 1993 to 1996 he served in the Council of IFAC.

Topics:

- ◆ Normal Forms and Feedback Stabilization
- ◆ Nonlinear Observers and Separation Principle
- ◆ The Steady-State Behavior of a Nonlinear System
- ◆ Regulation of linear Systems
- ◆ Nonlinear Output Regulation Output
- ◆ Consensus and Synchronization



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