

姓名	林相泽	性别	男	
职称	副教授	系别	电气工程系	
学位	博士	电话	13813936819	
E-mail	xzlin@njau.edu.cn			
单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	(1)先进控制理论及其在农用机器人中的控制应用研究；(2)农用移动平台的实时定位及位姿控制研究；(3)多机器人的协同控制研究；(4)电机的控制系统设计等			
社会兼职	电气和电子工程师协会（IEEE）会员；Automatica, IEEE Transactions on Control Systems Technology, IET Control Theory & Applications, Biosystems Engineering 等多个杂志审稿人			
承担项目	1、南京农业大学工学院引进人才科研启动基金(RCQD06-03)（主持） 2、江苏省农机局、南京农业大学工学院科研启动基金(gxz08008) (主持) 3、南京农业大学青年科技创新基金(KJ09029) (主持) 4、中国博士后科学基金 (2013M531372) (主持) 5、江苏省博士后科研资助计划 (1301118C) (主持) 6、中央高校基本科研业务费 (KYZ201559) (主持) 7、国家自然科学基金(第一参与者) 8、国家高技术研究发展计划（863 计划）(2008AA10Z226) (参与者) 9、江苏省科技支撑计划 (BE2011336) (第一参与者)			
学术成果	近期主要论文： 1. <i>Xiangze Lin</i> , Xueling Li, Shihua Li, Yun Zou , Finite-time Boundedness for Switched Systems with Sector Bounded Nonlinearity and Constant Time Delay, Applied Mathematics and Computation, 2016, 247: 25-40 . (SCI) 2. <i>Xiangze Lin</i> , Stability of switched nonlinear systems: an output-to-state point of view, IET Control Theory & Applications, 2016, 10(5):485 – 492. (SCI) 3. Xueling Li , <i>Xiangze Lin</i> , Shihua Li , Yun Zou. Finite-time stability of switched nonlinear systems with finite-time unstable subsystems, Journal of the Franklin Institute, 2015, 352(3): 1192-1214 . (SCI) 4. <i>Xiangze Lin</i> , Xueling Li, Yun Zou, Shihua Li. Finite-time stabilization of switched linear systems with nonlinear saturating actuators, Journal of the Franklin Institute, 351(3): 1464–1482, 2014. (SCI) 5. <i>Xiangze Lin</i> , Shihua Li , Yun Zou. Finite-time stability of switched linear systems with subsystems which are not finite-time stable, IET Control Theory & Applications, 2014, 8(12): 1137–1146. (SCI) 6. <i>Xiangze Lin</i> , Haibo Du, Shihua Li, Yun Zou. Finite-time boundedness and finite-time gain analysis of discrete-time switched linear systems with average dwell time. Journal of the Franklin Institute, 2013, 350: 911-928. (SCI) 7. <i>Xiangze Lin</i> , Haibo Du, Shihua Li, Yun Zou. Finite-time stability and finite-time weighted L_2 -gain analysis for switched systems with time-varying delay. IET Control Theory & Applications , 2013, 7(7):1058-1069. (SCI)			

	<p>8. <u>Xiangze Lin</u>, Haibo Du, Shihua Li. Finite-time boundedness and L2-gain analysis for switched delay systems with norm-bounded disturbance. Applied Mathematics and Computation, 2011, 217: 5982-5993. (SCI)</p> <p>9. Haibo Du, <u>Xiangze Lin</u> and Shihua Li, Finite-time boundedness and stabilization of switched linear systems. Kybernetika, 2010, 46(5):970-889. (SCI)</p> <p>10. <u>Xiangze Lin</u>, Chen Chen, Kerui Chen, Weimin Ding. The fractional order PID controller design for autonomous navigation of the agricultural machinery, International Agricultural Engineering Journal, 2015, 24(3): 16-35. (EI)</p> <p>11. Zhang Meina, <u>Lin Xiangze</u>, Yin Wenqing. An improved tuning method of fractional order proportional differentiation (FOPD) controller for the path tracking control of tractors. Biosystems Engineering. 2013, 116(4): 478-486. (SCI)</p> <p>12. 张美娜, <u>林相泽</u>, 丁永前, 尹文庆, 钱燕.基于性能指标的农用车辆路径跟踪控制器设计, 农业工程学报,2012,28(9):40-46. (EI)</p> <p>13. <u>Xiangze Lin</u> , Haibo Du, Shihua Li. Parameter influence on passive dynamic walking of a robot with flat feet. Kybernatika., 2013, 49(5):792-808. (SCI)</p> <p>14. Haibo Du, Shihua Li <u>Xiangze Lin</u>. Finite-time formation control of multi-agent systems via dynamic output feedback, International Journal of Robust and Nonlinear Control, 2013, 23(14): 1609–1628. (EI)</p> <p>15. Shihua Li, Haibo Du, <u>Xiangze Lin</u>, Finite-time consensus algorithm for multi-agent systems with double-integrator dynamics, Automatica, 2011,47: 1706-1712.(SCI)</p> <p>16. Hao Liu, <u>Xiangze Lin</u> . Finite-time control for a class of nonlinear system with time-varying delay, Neurocomputing, volume 149, issue PC, year 2015, pp. 1481 - 1489. (SCI)</p> <p>17. <u>Xiangze Lin</u>, Yongqian Ding, Shihua Li.Set stabilization of Chua's circuit via hybrid control strategy. ICIC Express Letters, 2010, 4(5(A)):1579-1584. (EI)</p> <p>18. Li Shihua, <u>Lin Xiangze</u>, Tian Yu-Ping, Set stabilization of Chua's circuit via piece-wise linear feedbacks,Chaos, Solitons and Fractals, 2005, 26(2): 571-579. (SCI)</p> <p>19. Xiangze Lin, Chen Chen, Kerui Chen1, Weimin Ding, Chengxu Lv. Composite Hierarchical Anti-Disturbance Steering Control for Autonomous Navigation of Agricultural Machinery, To be published.</p> <p>授权专利: 1.基于多种绿色能源农田信息采集节点供电装置设计,实用新型,专利号: 201420771541.X</p> <p>申请专利: 1.基于扰动观测的农用车辆自主导航转向控制器的设计, 发明专利 2.农用车辆自主导航转向控制方法, 发明专利</p>
<p>奖励荣誉</p>	<p>1、2007-2009 年度南京农业大学工学院优秀教师 2、2010-2011 年度南京农业大学工学院优秀教师 3、2012-2013 年度南京农业大学工学院优秀教师 4、2010 年度大中华奖教金 5、2010 年度南京农业大学校级奖教金 6、2009 年中国 Robocup 机器人大赛足球机器人中型组全国一等奖 7、2010 年中国 Robocup 机器人大赛鸥鹏组全国冠军 8、2010 年、2011 年、2012 年、2013 年、2014 年中国 Robocup 机器人大赛双足竞走机器人全国一等奖</p>

后附英文样表

Teaching staff/Personal information (样表)

Name	Xiangze Lin	Gender	Male	
Title	Associate Professor	Department	Electrical Engineering	
Degree	Ph. D.	Telephone	13813936819	
E-mail	xzlin@njau.edu.cn			
Unit address	NO. 40, Dianjiangtai Road, Pukou District, Nanjing	Post code	210031	
Research field	(1)Advanced control theory and its applications in agricultural robot; (2)Real time location and orientation control of agricultural mobile platform; (3)Cooperative control of multi robots; (4)Design of motor control system.			
Social appointments	IEEE Member; Reviewer of peer reviewed magazines, such as Automatica, IEEE Transactions on Control Systems Technology, IET Control Theory & Applications, Biosystems Engineering, etc.			
Research projects	<ol style="list-style-type: none"> 1. Introduced Talent Research Start-up Fund, College of Engineering, Nanjing Agricultural University (RCQD06-03) (PI) 2. Research Start-up Fund, College of Engineering, Nanjing Agricultural University and the Jiangsu Provincial Agricultural Bureau (gxz08008) (PI) 3. Youth Science and Technology Innovation Fund, Nanjing Agricultural University (KJ09029) (PI) 4. China Postdoctoral Science Foundation Funds Project (2013M531372) (PI) 5. Jiangsu Postdoctoral Research Grants Program, (1301118C) (PI) 6.The Fundamental Research Funds for the Central Universities (KYZ201559) (PI) 7. Natural Science Foundation of China (60504007) (First Participant) 8. National High Technology Research and Development plan (863 plan) (2008AA10Z226) (Main Participant) 9.Jiangsu Province Science and Technology Support Program (BE2011336) (First Participant) 			
Academic achievements	<p>Recent Major Papers:</p> <ol style="list-style-type: none"> 1. <i>Xiangze Lin</i>, Xueling Li, Shihua Li, Yun Zou , Finite-time Boundedness for Switched Systems with Sector Bounded Nonlinearity and Constant Time Delay, Applied Mathematics and Computation, 2016, 247: 25-40 . (SCI) 2. <i>Xiangze Lin</i>, Stability of switched nonlinear systems: an output-to-state point of view, IET Control Theory & Applications, 2016, 10(5):485 – 492. (SCI) 3. Xueling Li , <i>Xiangze Lin</i> , Shihua Li , Yun Zou. Finite-time stability of switched nonlinear systems with finite-time unstable subsystems, <i>Journal of the Franklin Institute</i>, 2015, 352(3): 1192-1214 . (SCI) 4. <i>Xiangze Lin</i>, Xueling Li, Yun Zou, Shihua Li. Finite-time stabilization of 			

- switched linear systems with nonlinear saturating actuators, Journal of the Franklin Institute, 351(3): 1464–1482, 2014. (SCI)
5. Xiangze Lin, Shihua Li , Yun Zou. Finite-time stability of switched linear systems with subsystems which are not finite-time stable, IET Control Theory & Applications, 2014, 8(12): 1137–1146. (SCI)
 6. Xiangze Lin, Haibo Du, Shihua Li, Yun Zou. Finite-time boundedness and finite-time gain analysis of discrete-time switched linear systems with average dwell time. Journal of the Franklin Institute ,2013, 350: 911-928. (SCI)
 7. Xiangze Lin, Haibo Du, Shihua Li, Yun Zou. Finite-time stability and finite-time weighted L_2 -gain analysis for switched systems with time-varying delay. IET Control Theory & Applications , 2013, 7(7):1058-1069. (SCI)
 8. Xiangze Lin, Haibo Du, Shihua Li. Finite-time boundedness and L_2 -gain analysis for switched delay systems with norm-bounded disturbance. Applied Mathematics and Computation, 2011, 217: 5982-5993. (SCI)
 9. Haibo Du, Xiangze Lin and Shihua Li, Finite-time boundedness and stabilization of switched linear systems. Kybernetika , 2010, 46(5):970-889. (SCI)
 10. Xiangze Lin, Chen Chen, Kerui Chen, Weimin Ding. The fractional order PID controller design for autonomous navigation of the agricultural machinery, International Agricultural Engineering Journal, 2015, 24(3): 16-35. (EI)
 11. Zhang Meina, Lin Xiangze, Yin Wenqing. An improved tuning method of fractional order proportional differentiation (FOPD) controller for the path tracking control of tractors. Biosystems Engineering . 2013, 116(4):478-486. (SCI)
 12. Zhang Meina, Lin Xiangze, Ding yongqian, Yin Wenqing, Qianyan. Design of path tracking controller for agricultural vehicle based on performance index, Journal of Agricultural Engineering, 2012,28(9):40-46. (EI)
 13. Xiangze Lin , Haibo Du, Shihua Li. Parameter influence on passive dynamic walking of a robot with flat feet. Kybernetika,, 2013, 49(5):792-808. (SCI)
 14. Haibo Du, Shihua Li Xiangze Lin. Finite-time formation control of multi-agent systems via dynamic output feedback, International Journal of Robust and Nonlinear Control, 2013, 23(14): 1609–1628. (EI)
 15. Shihua Li, Haibo Du, Xiangze Lin, Finite-time consensus algorithm for multi-agent systems with double-integrator dynamics, Automatica, 2011,47: 1706-1712.(SCI)
 16. Hao Liu, Xiangze Lin . Finite-time control for a class of nonlinear system with time-varying delay, Neurocomputing, volume 149, issue PC, year 2015, pp. 1481 - 1489. (SCI)
 17. Xiangze Lin, Yongqian Ding, Shihua Li. Set stabilization of Chua's circuit via hybrid control strategy. ICIC Express Letters, 2010, 4(5(A)):1579-1584. (EI)
 18. Li Shihua, Lin Xiangze, Tian Yu-Ping, Set stabilization of Chua's circuit via piece-wise linear feedbacks, Chaos, Solitons and Fractals, 2005, 26(2): 571-579. (SCI)
 19. Xiangze Lin, Chen Chen, Kerui Chen1, Weimin Ding, Chengxu Lv. Composite Hierarchical Anti-Disturbance Steering Control for Autonomous Navigation of Agricultural Machinery, To be published.

Authorized Patent:

1. Design of power supply device for field information collection nodes based on various green energies, Utility Model Patent, 201420771541.X.

Applied Patents:

1. Design of steering controller for autonomous navigation of agricultural

	<p>navigation based on disturbance observer, application number: CN201510001609.5</p> <p>2.Steering control method for autonomous navigation of agricultural navigation, application number:CN201510247284.9</p>
<p>Reward & honor</p>	<ol style="list-style-type: none"> 1.Award of outstanding teachers, College of engineering, Nanjing Agricultural University, 2007-2009. 2.Award of outstanding teachers, College of engineering, Nanjing Agricultural University, 2010-2011. 3.Award of outstanding teachers, College of engineering, Nanjing Agricultural University, 2012-2013. 4. Chinese Scholarship 2010 5. Award of outstanding teachers, Nanjing Agricultural University, 2010. 6. First prize of China Robocup Robot Competition (Soccer Robot), 2009. 7. Champion of China Robocup Robot Competition (Open Group), 2010. 8.First prize of China Robocup Robot Competition (Biped Robot), 2010-2014.