

姓名	王蜀泉	照片	
性别	保密		
职称	副教授		
导师代码			
个人主页		邮箱	shuquan.wang@mail.hust.edu.cn
联系方式	15807105990	通讯地址	
个人资料简介	<p><p>学习期间研究经历包括卫星姿轨控、卫星编队飞行、卫星防碰撞控制，并参加过与美国Sandia Lab和密歇根州立大学合作的一个复杂起重机操控系统设计的项目。归国以后研究领域拓展到无人机飞行控制、载人航天等相关领域。近期以第一作者在国际航天领域重要刊物上发表和被接收了6篇A类SCI论文，并担任若干著名期刊的审稿人。目前是AA S、AIAA和IEEE会员。</p></p>		
教育及工作经历	<p>博士：美国科罗拉多大学航天科学与工程系，2010 硕士：中科院空间科学与应用研究中心飞行器设计专业，2005 本科：国防科技大学航天与材料工程学院空间工程专业，2002</p>		
研究方向	<p>飞行器姿态控制 飞行器轨道控制 卫星编队飞行 导航、制导与控制</p>		
科研项目	<p>主持： 1. 国家自然科学基金青年项目，“三卫星库仑力编队飞行重构高性能控制研究” 2. 国防自主创新基金重点项目，“近地轨道大型空间碎片主动清除技术轨道研究” 3. 自主创新基金面上项目，“逆引力场二体问题动力学研究”</p>		
	<p>[1] Shuquan Wang and Hanspeter Schaub, Spacecraft Collision Avoidance Using Coulomb Forces with Separation Distance and Rate Feedback, AIAA Journal of Guidance, Control and Dynamics, 31(3): 740-750, May-June 2008. (SCI)</p> <p>[2] Shuquan Wang and Hanspeter Schaub, Electrostatic Spacecraft Collision Avoidance Using Piecewise-Constant Charges, AIAA Journal of Guidance, Control and Dyn</p>		

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[3] Shuquan Wang and Hanspeter Schaub, Nonlinear Charge Control for a Collinear Fixed Shape Three-Craft Equilibrium, AIAAJournal of Guidance, Control and Dynamics, Vol. 34, No. 2, March - April 2011, pp 356 - 366. (SCI)

[4] Shuquan Wang and Hanspeter Schaub, Nonlinear Feedback Control of a Spinning

Two-Spacecraft Coulomb Virtual Structure, IEEE Transactions on Aerospace and Electronic

Systems, Vol. 47, No. 3, July 2011, pp. 2055 - 2067. (SCI)

[5] Shuquan Wang and Hanspeter Schaub, Coulomb Control of Nonequilibrium Fixed Shape

Triangular Three-Vehicle Cluster, AIAAJournal of Guidance, Control and Dynamics, Vol.

34, No. 1, January - February 2011, pp. 259 - 270. (SCI)

[6] Shuquan Wang and Hanspeter Schaub, One-Dimensional Constrained Coulomb Structure Control with Charge Saturations, IEEE Transactions on Aerospace and Electronic

Systems, Vol. 48, No. 1, January 2012, pp. 3 - 15. (SCI)

[7] Shuquan Wang and Hanspeter Schaub, 1-D Constrained Coulomb Structure Stabilization

with Charge Saturation, AAS/AIAAAstrodynamics Specialists Conference, Machinac

Island, MI, Aug. 19-23, 2007. (国际会议演讲)

[8] Shuquan Wang and Hanspeter Schaub, One-Dimensional 3-Craft Coulomb Structure

Control, 7th International Conference on Dynamics and Control of Systems and

Structures in Space, Greenwich, England, July 16 - 20, 2006. (国际会议演讲, 获Craney

	<p>Award for Most Electrifying Paper)</p> <p>[9] Shuquan Wang and Hanspeter Schaub, “Spacecraft Collision Avoidance Using Coulomb Forces With Separation Distance Feedback,” AAS/AIAA Space Flight Mechanics Meeting, Sedona, Arizona, January 28 - February 1, 2007. Paper No. AAS 07-112. (国际会议演讲)</p>
所获奖励	AAS John Breakwell Student Award, 2009年8月于美国匹兹堡, 由American Astronautics Society颁发。
其他	