吴国春　个人简历

◆个人简介

吴国春，男，博士，现为华侨大学讲师，1986年4月出生。

◆ 人才荣誉:

2016年获“**福建省优秀博士学位论文**”。

◆主持科研项目:

独立主持国家博士后基金项目“Navier-stokes 方程组及相关模型的若干研究”，项目批准号：2015M581187，2015.09-2016.09；

◆ 学习经历:

2004.9-2008.7 毕业于厦门大学，获理学学士学位；
2008.9-2014.7 毕业于厦门大学，获理学博士学位（导师：谭忠教授）；
2012.7-2012.8 访问香港中文大学辛周平教授；
2012.9-2013.8 纽约大学联合培养学生（导师：林芳华教授）。

◆工作简历:

2014.7-2016.6 中国科学院数学与系统科学研究院博士后研究员
（导师：黄飞敏研究员）

◆教学情况:

高等数学

◆研究领域及成果:

主要从事流体力学偏微分方程组的研究，具体包括解的适定性，大时间行为及爆破准则。

发表论文情况（*代表通讯作者）:

[1] Guochun Wu*, Global existence and asymptotic behavior for the 3D compressible Navier－Stokes equations without heat conductivity in a bounded domain. J. Differential Equations 262 (2017), no. 2, 844－861.

[2] Yinghui Zhang, Guochun Wu, The 3D non-isentropic compressible Euler equations with damping in a bounded domain. Chin. Ann. Math. Ser. B 37 (2016), no. 6, 915－928.

[3] Fei Jiang, Guochun Wu, Xin Zhong, On exponential stability of gravity driven viscoelastic flows. J. Differential Equations 260 (2016), no. 10, 7498－7534.

[4] Qing Chen, Zhong Tan, Guochun Wu*, Time decay rates for the equations of the compressible heat-conductive flow through porous media, J. Differential Equations 259 (2015), no.

9, 4707 – 4731.

[5] Yinghui Zhang, Guochun Wu, Global existence and asymptotic behavior for the 3D compressible non-isentropic Euler equations with damping, Acta Mathematica Scientia, 34 (2014), pp. 424 – 434.

[6] Zhensheng Gao, Zhong Tan, Guochun Wu, Global existence and convergence rates of smooth solutions for the 3-D compressible magnetohydrodynamic equations without heat conductivity, Acta Mathematica Scientia, 2014, 34B(1): 93 – 106.

[7] Qing Chen, Zhong Tan, Guochun Wu*, LPS's Criterion for Incompressible Nematic Liquid Crystal Flows, Acta Mathematica Scientia, 34 (2014), pp. 1072-1080.

[8] Xianpeng Hu, Guochun Wu*, Global existence and optimal decay rates for three-dimensional compressible viscoelastic flows, SIAM J. MATH. ANAL., Vol. 45, No. 5, July 2013 pp. 2815 – 2833.

[9] Zhensheng Gao, Zhong Tan, Guochun Wu, Energy dissipation for weak solutions of incompressible MHD equations, Acta Mathematica Scientia, Volume 33, Issue 3, March 2013.

[10] Guochun Wu*, Zhong Tan, Jun Huang, Global existence and large time behavior for the system of compressible adiabatic flow through porous media in R^3, Journal of Differential Equations, Volume 255, Issue 5, 1 September 2013, Pages 865 – 880;

[11] Zhong Tan, Guochun Wu, Boling Guo, The initial value problem for the equation of motion of irrotational inviscid and heat conductive fluids, Journal of Differential Equations, Volume 253, Issue 11, 1 December 2012, Pages 3016 – 3028.

[12] Zhong Tan, Guochun Wu*, Large time behavior of solutions for compressible Euler equations with damping in R^3, Journal of Differential Equations, Volume 252, Issue 2, 15 January 2012, Pages 1546-1561.

[13] Zhong Tan, Guochun Wu*, Global existence for the non-isentropic compressible Navier – Stokes – Poisson system in three and higher dimensions, Nonlinear Analysis: Real World Applications, Volume 13, Issue 2, April 2012, Pages 650-664.

[14] Zhong Tan, Guochun Wu*, On the heat flow equation of surfaces of constant mean curvature in higher dimensions, Acta Mathematica Scientia, Volume 31, Issue 5, September 2011, Pages 1741-1748.