

个人简介	李媛，女，1984年1月，山西运城人。温州大学数学与信息科学学院，副教授，硕士研究生导师。2009年12月毕业于西安交通大学理学院，师从李开泰教授，获理学博士。
担任课程	《高等数学B》《概率论与数理统计C》《常微分方程》《微分方程基础（研究生）》
研究方向	1. 有限元方法及其应用 2. Navier-Stokes 方程理论和数值方法 3. 变分不等问题的数值解法
人才工程	
课题项目	1. 不可压缩粘性流体中变分不等问题高性能算法的研究，国家自然科学基金青年基金项目，2011.01—2013.12，主持 2. 大雷诺数下 Navier-Stokes 型变分不等问题若干数值方法的研究，浙江省自然科学基金一般项目，2014.01—2016.12，主持 3. 不可压缩磁流体力学方程组具有保结构形式的高效数值算法研究，浙江省自然科学基金一般项目，2018.01—2020.12，主持
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论文清单	
<p>[1] Yuan Li, Rong An, Kaitai Li. Some optimal error estimates of biharmonic problem using conforming finite element. <i>Applied Mathematics and Computation</i>, 2007, 194(2): 298-308.</p> <p>[2] 李媛, 安荣, 李开泰. 一个新 Pohozaev 恒等式及其在四阶拟线性椭圆方程中的应用. <i>西安交通大学学报(自然科学版)</i>, 2007, 41(10), 1245-1247.</p> <p>[3] Yuan Li, Kaitai Li. Penalty finite element method for Stokes problem with nonlinear slip boundary conditions, <i>Applied Mathematics and Computation</i>, 2008, 204(1) :216-226.</p> <p>[4] Yuan Li, Kaitai Li. Operator splitting methods for the Navier-Stokes equations with nonlinear slip boundary conditions , <i>International Journal of Numerical</i></p>	

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[5] Yuan Li, Kaitai Li. Pressure projection stabilized finite element method for Navier-Stokes equations with nonlinear slip boundary conditions, *Computing*, 2010, 87(3-4):113-133.

[6] Yuan Li, Kaitai Li. Locally stabilized finite element method for Stokes problem with nonlinear slip boundary conditions, *Journal of Computational Mathematics*, 2010, 28(6):826-836.

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