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教育背景：

2000.09-2004.06 吉林大学 数学学院　 本科

2004.09-2010.06 吉林大学 数学研究所　博士 导师：吴柏生

工作经历：

2010.07—2014.11　西安交通大学　数学与统计学院　讲师

2013.03—2014.03　英国林肯大学计算机学院　Marie Curie Research Fellow

2014.12—2020.11　西安交通大学　数学与统计学院　 副教授

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研究方向：

数值代数、压缩感知、结构损伤识别、结构静力重分析

主讲课程：

数值代数、矩阵分析、数值分析

科研项目：

国家自然科学基金青年基金　稀疏信息处理中的采样矩阵重置问题研究，项目批准号：11401463，起止年月：2015.01-2017.12，主持

西安交通大学交叉面上项目　压缩感知在图像处理中的应用，项目批准号：xj201462，起止年月：2015.01-2017.12，主持

国家自然科学基金面上项目　基于稀疏神经反应的复杂自然背景下小目标运动检测研究，项目批准号：11771347，起止年月：2018.01-2021.12，参与

发表论文:

[1] H.F. Liu, Frame completion with prescribed norms via alternating projection method, Applied Numerical Mathematics, https://doi.org/10.1016/j.apnum.2020.10.026

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[5] H.F. Liu, J.H. Zhu, J.G. Peng, Two new lower bounds for the spark of a matrix, Bulletin of the Australian Mathematical Society, 96: 353-360, 2017.

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[8] H.F. Liu, S.G. Yue, An efficient method to structural static reanalysis with deleting support constraints, Structural Engineering and Mechanics, 52: 1121-1134, 2014.

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