Education:

Ph.D. 2010, Chinese Academy of Sciences, Beijing, China

B.S. 2005, Wuhan University, Wuhan, China

Employment:

Assistant Professor, Mathematical Center for Interdisciplinary Research and School of Mathematical Sciences, Soochow University, Suzhou, China, 2014 – present

Postdoctor, Department of Informatics, University of Bergen, Norway, 2011-2014

Research Interests:

Numerical homogenization, domain decomposition method, numerical analysis

Publications/Preprints:

R. Du and P. B. Ming, Convergence of heterogeneous multiscale method for elliptic problem with nonsmooth coefficients, SIAM Multiscale Model. Simul., 8, 1770-1783, 2010

R. Du and P. B. Ming, Heterogeneous multiscale finite element method with novel numerical integration schemes, Commun. Math. Sci., 8, 863-885, 2010

R. Du and L. Zhang, Two-level additive Schwarz methods using rough polyharmonic splines-based coarse spaces, Chin. Ann. Math. 36B(5), 803-812, 2015

R. Du, Y. Ma, T. Rahman, and X. Xu, A FETI-DP preconditioner of discontinuous Galerkin method for multiscale problems in high contrast media, arXiv:1405.3555

Grants：

PI, 11501399, Natural Science Foundation of China, 2015

PI, 15KJB110019, Natural Science Foundation of the Higher Education Institutions of Jiangsu Province, China, 2015