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October 2011

Basic Information:

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Education:

BS: 02/1982 Applied Mathematics, Beijing Institute of Aeronautics and Astronautics
MS: 04/1984 Mathematics, Tsinghua University
Ph.D.: 12/1987 Applied Mathematics, Tsinghua University

Working Experience:

2000 to present: Professor, Department of Mathematical Sciences, Tsinghua University
09/2000--03/2001: Senior Visitor, Texas Institute for Computational and Applied Mathematics (TICAM), University of Texas at Austin
1992--2000: Associate Professor, Department of Applied Mathematics, Tsinghua University
10/1991--10/1992: Visiting Scholar, Faculty of Mathematics and Mechanics, Moscow University, Moscow, Russia
1988--1992: Instructor, Department of Applied Mathematics, Tsinghua University

Research Projects:

1995: Nonlinear PDE, National Education Committee Fund
1997--1999: Anisotropic PDE & Quantitative Properties of Solutions, National Science Foundation of China
2000--2001: Superstring, Superconductivity and Nonlinear PDE, Key Teacher Support Project of the National Education Ministry
2005--2007: Nonlinear Evolution Equations: Theory, Methods and Application, NSFC

Recent Papers:

[1] X. Li, N. Su, D. Wang, Local strong solution to the compressible magnetohydrodynamic flow with large data, **J. Hyperbolic Differential Equations 8** (2011), 415-436.
[2] Y. Huang, H. Y. Jian, N. Su, Spacelike hypersurfaces of prescribed Gauss–Kronecker curvature in exterior domains, **Acta Math. Sinica Eng. Ser. 25** (2009), 491-502.
[3] Haihong Liu, Ning Su, Well-posedness for a class of mixed problem of wave equations, **Nonlinear Analysis 71** (2009), 19-27.
[4] Than Sint Khin, Ning Su, Propagation property for anisotropic nonlinear diffusion equation with convection, **J. Math. Anal. Appl. 354** (2009), 220-228.

[5] Haihong Liu, Ning Su, Existence of three solutions for a p-biharmonic problem. **Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal. 15** (2008), 445-452.

[6] Y. Huang, N. Su, Homogenization of degenerate nonlinear parabolic equation in divergence form, **J. Math. Anal. Appl. 330** (2007), 976-988.

[7] Haihong Liu, Ning Su, Positive solutions of nonlinear p-Laplacian equations in R^n, **J. Math. Anal. Appl. 317** (2006), 207-227.

[8] Y. Huang, N. Su, X. Zhang, Homogenization of degenerate quasilinear parabolic equations with periodic structure, **Asymptotic Analysis 48** (2006), 77-89.

Membership:

American Mathematical Society, since 1999

Society for Industrial and Applied Mathematics, since 2008