CURRICULUM VITAE

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EDUCATION I was born in Nanning, P.R.China. In 1983, I graduated from high school as the top student, and took the national entrance exam for universities and was admitted into Beijing University, majoring in mathematics.

In 1987 I graduated with BS degree and at the same time was admitted into the graduate school of Beijing University exempting any entrance exam due to my good undergraduate record. Under the direction of Prof. Dun Huang and Prof. Wenxuan Li, I studied the numerical schemes for gas dynamics and finished my thesis on the boundary condition treatment for computing the strong shock wave reflecting from a solid wall.

In 1990 I got MS degree in applied mathematics from Beijing University and returned to my home town Nanning, working as assistant instructor in department of mathematics, Guangxi University. In 1991, I was admitted into the department of mathematics and statistics, Simon Fraser University, in BC, Canada. During the time, I worked with Prof. Tao Tang on spectral method and applied it on the computation of the homoclinic orbit of Lorenz equation. In 1992, I was admitted into department of mathematics, The University of Chicago. Under the direction of Prof. Todd Dupont, I studied finite element methods, reaction-diffusion equations and got my Ph.D degree in 1999. After graduation, I became a postdoctor at department of applied math and statistics of SUNY at Stony Brook. I am working on the conservative front tracking method in the research group directed by Prof. James Glimm. In August 2002, I became an assistant professor in the school of mathematics of Georgia Institute of Technology.

Teaching Experience 1987-1990, teaching assistant for undergraduate calculus in Beijing University.

1990-1991,teaching assistant for undergraduate numerical analysis in Guangxi Universiy.

1991-1992, tutor for undergraduate math lab in Simon Fraser University.

1993-1994, teaching assistant for undergraduate math in The University of Chicago.

1994-1999, lecturer for undergraduate calculus in The University of Chicago.

2000, lecturing in the weekly graduate student seminar on numerical methods for conservation laws.

2001, teaching graduate courses including nonlinear waves, probability and PDE and BVP.