

# Curriculum Vitae

Kyungrim Nam

## Current Address

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## Country of Citizenship

- Republic of Korea (South Korea)

## Education

- Ph.D. in Math., University of Georgia (Advisor: Ming-Jun Lai), expected Aug. 2005
- M.S. in Math., Yonsei University, Seoul, Korea, Feb. 1997
- B.S. in Math., Suwon University, Kyunggi, Korea, Feb. 1994

## Research Interests

- Wavelet analysis and its applications to image processing

## Publications

- (with M.-J. Lai) “*Edge detection using box spline tight wavelet frames*”, submitted
- (with M.-J. Lai) “*Image denoising using box spline tight wavelet frames*”, in preparation
- (with M.-J. Lai) “*Tight wavelet frame construction under bounded domains*”, in preparation

## Conferences and Presentations

- Presenter of paper “*Tight wavelet frame construction over bounded domains*”, Bowling Green, Kentucky meeting, Mar. 2005
- Co-chair of contributed paper session, Joint Mathematics Meetings, Atlanta, Jan. 2005
- Presenter of paper “*Edge detection using box spline tight wavelet frames*”, Joint Mathematics Meetings, Atlanta, Jan. 2005
- Presenter of talk on wavelets and tight wavelet frames, VIGRE Seminar, UGA, Nov. 2004
- Presenter of paper “*Edge detection using box spline tight wavelet frames*”, Computational Harmonic Analysis Conference, Nashville, TN, May 2004
- Attendee, SIAM Annual Conference, Toronto, Canada, Jan. 2003
- Presenter of talk on the regularity of compactly supported wavelets, VIGRE Seminar,

UGA, April 2002

- Presenter, Math Jubilee, UGA, April 2002
- Attendee, Tenth Southeastern Approximation Theory Conference, UGA, March 2002
- Attendee, AMS and MAA Southeastern Sectional Meeting, Atlanta, March 2002

### **Teaching Experience**

- Instructor of a differential calculus class, UGA, Fall 2004 and Fall 2003
- Instructor of a differential calculus lab using MAPLE, UGA,
- Instructor of a precalculus class, UGA, Summer 2003
- TA for problem help sessions and calculus lab help sessions, UGA, 1999–2002
- Received a middle school mathematics teacher license, Suwon University, Kyunggi, Korea, Spring 1994
- Mathematics instructor, Saejong Private Academy, Kyunggi, Korea, 1998–1999
- Teaching assistant, Mathematics Department, Yonsei University, Seoul, Korea, 1994–1996
- Middle school mathematics substitute teacher, Jung Shin Women's Middle School, Seoul, Korea, March–May 1997

### **Computer Skills**

- MAPLE, MATLAB, and some knowledge of JAVA and C/C++