Yoonbok Lee
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CURRICULUM VITAE

Personal Information

Date of Birth: 31 Jan 1980

Place of Birth: Seoul, Republic of Korea

Male, Married

Education

Mar 1998 – Feb 2002 : Yonsei University (B.S. math)

Sep 2004 – Feb 2010 : Yonsei University (Ph.D. math)

Dissertation : On the zeros of various zeta functions (Advisor : Haseo Ki)

cf. Feb 2002 – Apr 2004 : Mandatory Military Service as KATUSA

Academic Experience

Mar 2010 – Aug 2010 : Postech, BK21 Postdoc.

Sep 2010 – : Kias, Research fellow.

July 2011 – June 2013 : University of Rochester, Visiting Assistant Professor.

Research Interests

Analytic Number Theory, Lindelöf Hypothesis, Simplicity of zeros of the Riemann zeta function, Value distribution of various zeta functions, Large sieve.

Awards

The Bronze Prize at the 18th University Students Contest of Mathematics,
Korean Mathematics Society, 1999.

The Silver Prize at the 19th University Students Contest of Mathematics,
Korean Mathematics Society, 2000.

Certificate of Distinction for Doctoral Dissertation,
Yonsei University, May 2010.

Schools Participated

School on Number Theory and Random Matrix Theory,
University of Rochester, 30 May–3 Jun 2006.

Asian-French Summer School in Algebraic Geometry and Number Theory 2006,
Université Paris-Sud 11 and IHES, 17–29 Jul 2006.

Talks in Conferences

[1] Zeros of derivatives of the Riemann zeta function,
KMS meeting, Ajou University, 25 Apr 2009.

[2] On the Zeros of Epstein zeta functions,
Zeta Function Days in Seoul (Organized by Haseo Ki), Yonsei University, 31 Aug 2009.

[3] On the Zeros of Epstein zeta functions,
Joint Mathematics Meetings in San Francisco, 14 Jan 2010.

[4] On the zeros of degree one L-functions from the extended Selberg class,
KMS meeting, Chungnam University, 24 Apr 2010.

[5] The universality theorem of Dedekind zeta functions,
Taiwan-Korea workshop on number theory, National Center for Theoretical Sciences in Taiwan, 5 July 2010.

[6] The universality theorem for Hecke L-functions,
KMS meeting, Postech, 22 Oct 2010.

[7] The universality theorem for Hecke L-functions,
Functions in Number Theory and Their Probabilistic Aspects, RIMS, 13–17 Dec 2010.

[8] Zeros of periodic zeta functions,
Workshop on various zeta functions and related topics, The University of Tokyo, 21–22 Dec 2010.

Talks in Seminars

[1] On the Zeros of Epstein zeta functions,
Kias, 10 Sep 2009.

[2] On the zeros of degree one L-functions from the extended Selberg class,
Kias, 25 Mar 2010.

[3] Extended Selberg class,
Postech, 28 Apr 2010.

[4] Universality theorem for L-functions
Postech, 14 Mar 2010

The list of Publications

[1] Haseo Ki and Yoonbok Lee, Zeros of derivatives of sum of Dirichlet L-functions, Journal of Number Theory **129** (2009) 2743–2746.

[2] Haseo Ki and Yoonbok Lee, On the zeros of degree one L-functions from the extended Selberg class, to appear in Acta Arithmetica.

[3] Yoonbok Lee, The Universality theorem for Hecke L-functions, to appear in Mathematische Zeitschrift.

[4] Haseo Ki and Yoonbok Lee, Zeros of derivatives of the Riemann zeta function, submitted.

[5] Yoonbok Lee, On the Zeros of Epstein Zeta Functions, submitted.

[6] Yoonbok Lee, Zeros of partial zeta functions off the critical line, submitted.

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