

Hamed H. Al-Sulami

CONTACT INFORMATION King Abdulaziz University
Faculty of Science
Mathematics Department
Jeddah,
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CITIZENSHIP Saudi

RESEARCH INTERESTS My research interests related to analysis in general. I did my PhD on the C^* -algebras for Boundary Actions of Abelian-by-Cyclic Groups. Which is related to the classification of the resulting C^* -algebra out of the action of abelian-by-cyclic groups. Computing the K-theory for those C^* -algebras interest me a lot. The study of functions over a locally compact spaces is something I enjoy. In short note my research interests are Analysis, C^* -algebra, Banach algebra, and Linear Operator.

EDUCATION

PhD., Doctor of Philosophy in Mathematics (graduation date: August 2005)
Arizona State University, Tempe, Arizona USA

- Thesis Topic: C^* -algebras for Boundary Actions of Abelian-by-Cyclic Groups
- Advisor: Associate Professor Jack Spielberg
- Area of Study: Analysis

M.S., Master of Science Degree with emphasis in Mathematics (graduation date: May 1997)

University of Missouri-Kansas City , Kansas City, Missouri USA

B.S., Bachelor Degree in Mathematics (graduation date: May 1993)

King Abdulaziz University , Jeddah, KSA

ACADEMIC EXPERIENCE

Undergraduate Student **January 1989 to May 1993**
King Abdulaziz University , Jeddah, KSA

Graduate Student **August 1995 to August 2005**

- **University of Missouri-Kansas City** , Kansas City, Missouri USA
August 1995 to May 1997
- **Arizona State University**, Tempe, Arizona USA
August 1997 to August 2005

Teaching Assistant **June 1993 to December 2004**

- **King Abdulaziz University** , Jeddah, KSA
June 1993 to November 1994
- **Arizona State University**, Tempe, Arizona USA
August 1997 to December 2004

Assisting Professor September 2005 to present
King Abdulaziz University , Jeddah, KSA

PUBLICATIONS

- **C*-algebras for boundary actions of solvable Baumslag-Solitar groups**, **International Journal of Mathematical Analysis**, Vol.1, 2007, no.22, 1067 - 1080, **Fall 2007**
- **A note on $K_0(C(\mathbb{T}^2))$** , **International Journal of Mathematical Analysis** , Vol.1, 2007, no.22, 1081 - 1088, **Fall 2007**
- **Multiplication Operators on Non-locally convex weighted function spaces**, with L.A. Khan, Saud M. Alsulami **Acta Universitatis Apulensis** (Mathematics and Informatics) (Romania), Vol.17, 2009.
- **On precompact multiplication operators on weighted function spaces**, with L.A. Khan, Saud M. Alsulami **Acta Universitatis Apulensis** (Mathematics and Informatics) (Romania), Vol.19, 2009.
- **C*-algebra for boundary actions of abelian-by-cyclic group generated by diagonal or off-diagonal matrix**, with S. Saleh **submitted**.
- **C*-algebra for boundary actions of abelian-by-cyclic group generated by triangle matrix** **submitted**.

SUPERVISION OF PHD AND MASTER STUDENTS

- **Samira M. Saleh** From Yemen, Thesis Title: **C*-algebra for boundary actions of abelian-by-cyclic group generated by triangle matrix**, Graduated May, 2009.

BOOKS IN PREPARATION

- H. Al-Sulami, S. Al-Mozale. Calculus I.
- S. Al-Mozale, H. Al-Sulami. Calculus II.

TECHNICAL SKILLS

Programming languages: C, C++, and Pascal

Applications: L^AT_EX, Microsoft Office, and other common productivity packages for Windows

Operating Systems: Microsoft Windows XP/2000, and UNIX

MATHEMATICAL EXPERTISE

Measure Theory

Real Analysis Theory

Linear Operator Theory

C^* -algebra