

Curriculum Vitae

Name: Dr. Ibrahim Al-Rasasi

Rank: Assistant Professor

Department: Mathematical Sciences

Education:

1. BS in Mathematics from King Fahd University of Petroleum and Minerals in 1992.
2. MS in Mathematics from King Fahd University of Petroleum and Minerals in 1995.
3. Ph.D. in Mathematics from Temple University, USA, in August 2001.

Major Field: Number Theory

Area of Specialization: Algebraic Number Theory

Research Interest:

1. p-adic Analysis.
2. Diophantine Equations.
3. Problems in Classical Number Theory.

Teaching Experience:

- 1993-1996 and September 2001- present in KFUPM.
- Courses Taught:
 - o Math 001, Math 002 (Preparatory Mathematics I, II)
 - o Math 101, Math 102, Math 201 (Calculus I, II, III)
 - o Math 202 (Elements of Differential Equations)
 - o Math 455 (Number Theory)

Committees:

1. 2001-2002. Undergraduate Committee.
2. 2002-2003. Calculus Committee.
3. 2003-2004. Calculus Committee.

Publications:

In Progress:

1. On the Diophantine Equation $x(x+1)(2x+1) = 2py^2$, for a prime p .
2. An Arithmetical property of $n!$

Talks:

1. A Mean Value Theorem for Class Numbers of Quadratic extensions of Function Fields. September 2001 in KFUPM Math Colloquium.

Conference/Meetings Attendance:

1. The Sixth Meeting of Saudi Association for Mathematical Sciences. April 9-10, 2002 in King Saud University, Riyadh, Saudi Arabia.
2. The Seventh Meeting of Saudi Association for Mathematical Sciences. April 7-8, 2004 in Prince Sultan University, Riyadh, Saudi Arabia.

Workshops Attended:

1. Introduction to WebCT. Organized by KFUPM DAD. July 26-30, 2003.
2. Introduction to Matlab. Organized by the Teaching Committee of Math Dept. in KFUPM. Feb. 17 & 24, 2004.
3. "Coordination of Multi-section Courses and Multiple-Choice Exams". Organized by an ad hoc committee set up by the Vice Rector for Academic Affairs. Feb. 22, 2004.
4. "Workshops for Junior Faculty Members". Organized by KFUPM DAD. Sept. 4- 8, 2004.

Scientific Societies:

- A Member in the American Mathematical Society (AMS).
- A Member in the Saudi Association for Mathematical Sciences (SAMS)