

# CV

## **Personals:**

Name: Abdulla Mohammed Aljouiee.

Date of Birth: 1/7/1965.

Nationality: Saudi.

## **Education:**

1971-1983 (General Education at Riyadh – Saudi Arabia).

1984 -1988 ( Bachelor degree in pure Mathematics from King Saud University at Riyadh ).

1989-1992 ( Master degree in Lie Algebra from King Saud University at Riyadh ).

Thesis Title: Group Representation and its Applications to Differential Equations.

1997-1998 ( Diploma in English Proficiency from EIP " English Intensive Program " at Indiana University in the USA).

1998-2002: (Ph. D. in Algebra from Indiana University at Bloomington – Indiana – UAS).

Thesis Title: " On Weak 2-Cocycles and their Algebras ".

## **Experience:**

1989-1992 ( Assistant Instructor at Mathematics Department in Teachers' College – Riyadh).

1992-1997 (Lecturer at Mathematics Department in Teachers' College –Riyadh).

2000-2002 ( Instructor at Indiana University in college of Science and college of Education ).

2002-2009: ( Assistant Professor at Teachers' College at Riyadh ).

2009- Now: ( Associate Professor at Teachers' College at Riyadh ).

Head of Mathematics Department. (2002-Now).

Chairman of the Scientific Mathematical Committee for Reviewing and Developing Syllabus and Curriculum for Mathematical Courses in Teachers' Colleges.

Training students and teachers for mathematical Olympiad.

Chairmen of the Saudi Association for mathematical sciences SAMS.

Training unit administrator in excellence center for science and mathematics education.

Consultant in the king Abdulaziz city for science and technology KACST.

## **Training** Students and Teachers to

Prepare for the International Mathematical Olympiads.

Prepare for the National Mathematical Competitions.

Training mathematics teachers in " Strategies for solving non-routine problems ".

## **Teaching** Several courses in the department of mathematics such as

Linear Algebra  
Group Theory  
Topology  
Complex Analysis  
Mathematical Softwares  
Discrete Mathematics, and Graph Theory.  
Problem Solving.

## **Publications:**

### **Books:**

- Elementary Mathematics – Al-Rushd Bookstore for Publishing (2004). ( with Dr. Alsayed Alsaeed )
- Introduction to Group Theory - Al-Rushd Bookstore for Publishing (2004). ( with Dr. Mohammed Alqadi ).
- Nieve Set Theory – Imam Aldawa for Publication and Distribution (2005) (Translation).

### **Papers:**

- On the Brauer Monoid of  $S_3$  – Lobacevskii Journal of Mathematics- Russia Vol 14, (2004).
- On Weak Crossed Products, Frobenius Algebras, and the Weak Bruhat Ordering – Journal of Algebra 287(2005) 88-102.
- Inverse of Frobenius graphs and Flexibility – Kyungpook Mathematical Journal – Korea,2005 (561-570).
- Various Results on Graph Labeling – Congressus Numerantium, Canada, 2005, 176(11-24). (with M. Youssef and E. Elsakhawi).
- Sharper Bounds for Zeros of Polynomials, Journal of Institute of mathematics and computer sciences, India, 2006, vol19,No.2,(133-140).
- On the Brauer Monoids, International Journal of Algebra, Bulgaria,2008 Vol.2, No. 5, (223-238).
- Basis Property Conditions on Some Groups, International Journal of Mathematics and Computer Sciences (IJMCS), Lebanon, 2008.

### **Awards:**

Ideal Student Prize ( KSU 1988 ).  
The Rothrock Teaching Award ( Indiana University) .

### **Activities:**

Participating in the International Conference on Modern Algebra – Vanderbilt University, Nashville, Tennessee, USA ( May 21-24, 2002).  
Participating in the 46<sup>th</sup> IMO at Athens – Greece ( July 2004).  
Participating in the Saudi Interview Team for finding suitable new faculty members in the Teachers' Colleges and Girls' Colleges.

Membership in several committees such as:  
National Family for Mathematic (MOE),  
Saudi Committee for preparing for the IMO,  
Subcommittee in the National Center for Evaluation,  
Saudi Association for Mathematical Sciences.  
Reviewer in ZentralBlatt ( The European Mathematical Society ).