Curriculum Vitae

1 Personal informations

Name: MOHAMED AHMED OULD SIDATY
Date of birth: 1964
Citizenship: MAURITANIAN
Marital status: MARRIED AND I HAVE CHILDREN
Mailing address: COLLEGE OF SCIENCES AT AL IMAM MUHAMMED IBN SAUD ISLAMIC UNIVERSITY, RIYADH, KINGDOM OF SAUDI ARABIA
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2 Current position

Associate professor, Department of Mathematics, College of sciences, Al Imam University

3 Education

- Doctorat d'Etat in Mathematics, College of Sciences, Mohammed-V university of Rabat (Morocco), march 2005.

- Ph.D in Mathematics, Teacher Training College of Rabat (Morocco), July 1989;

- M.Sc. Degree in Mathematics, Teacher Training College of Nouakchott, July 1985;

- B.Sc. Degree in mathematics, Teacher Training College of Nouakchott, 1983;

- Baccalaureate (O-level exam) in Mathematics, 1981.

4 Research interest

Functional Analysis: especially in locally convex Space Theory, Measure Theory, and Sequence measurable function Spaces ;

5 Research activities

Papers published in refereed journals

In Mathematics

1. M. A. Ould Sidaty: *Nuclearity of certain vector-valued sequence spaces.* Revista de la Real Academia de Ciencias de Zargoza. 62 81-89, (2007).

2. M. A. Ould Sidaty, L. Oubbi: *Reflexivity of spaces of weakly summable sequences.* Rev. R. Acad. Cien. Serie A. Mat. Vol. 101 (1), 2007, pp. 5162.

3. M. A. Ould Sidaty, L. Oubbi: Dual space of certain locally convex spaces. Revista de la Real Academia de Ciencias de Zargoza. 39 79-88, (2004).

4. M. A. Ould Sidaty: Reflexivity and AK-property of certain vector sequence spaces. Bull. Belg. Math. Soc., 10, 579-583, (2003).

5. Ould Sidaty, M. A.: Nuclearity of sequence spaces with value in b-spaces. Publ. Math., Ec. Norm. Supér. Takaddoum, 7, 82-87 (1991).

On mathematics Instruction

1. M. A. Ould Sidaty, O. Rouan, H. Smida, M. Abdelli : *Training of mathematics teachers in the Maghreb countries and the challenges of school.* Canadian Journal of Science, Mathematics and Technology Education, volume 7 (1), 2007.

2. M. A. Ould Sidaty. Mathematics Instruction in mauritanian secondary schools. Annales of Teacher training college of Nouakchott, (6), 2007.

3. M. A. Ould Sidaty, E. Ould Didi: Reflexion about Error processing in Mathematics. Actes du of the symposium Espace Mathématique Francophone, Tozeur (Tunisie), 2003.

4. M. A. Ould Sidaty. On the contribution of the arab-muslim civilization in the development of Mathematics. Annales of Teacher training college of Nouakchott, (1), 1992.

5. M. A. Ould Sidaty. *The impact of the Arabization of Mathematics programs on the knowledge acquisition of students.* Maarif Review, Teacher training college of Nouakchott, (1), 1990.

Theses

1. M. A. Ould Sidaty: *Reflexivity and AK propriety in certain summable sequence spaces.* Thesis for the obtention of Doctorat d'Etat, College of Sciences of Mohammed V University, Rabat, Morocco (2005);

2. M. A. Ould Sidaty: *Vector sequence spaces with value in locally convex space or bornological convex space.* Thesis for the obtention of PhD. Teacher Training College of Takaddoum (Rabat), Morocco (1989.)

3. M. A. Ould Sidaty. *Summations in topological Group.* Dissertation of CEA, June 1987.

4. M. A. Ould Sidaty: *Harmonical Analysis in commutative groups.* M.Sc. Dissertation, Teacher Training College of Nouakchott, 1985.

6   Teaching experience

- Courses taught and / or coordinated at Al Imam Muhammed Ibn saoud Islamic University :

  Academic year 2008-2009

    – MATH 012, Precalculus II
    – MATH 112, calculus II
    – MATH 202, 221, 223, Introduction to Linear Algebra

  Academic year 2009-2010

    – MATH 115, Applied calculus I
    – MATH 115, Applied calculus I
    – MATH 114, Applied calculus II

  Academic year 2010-2011

    – MATH 101, Calculus I
    – MATH 102, Applied calculus II
    – MATH 203, Applied calculus II
    – MATH 011, Precalculus 1
    – MATH 050, Precalculus 1

  Academic year 2011-2012

    – MATH 311, Real Analysis
    – MATH 223, Linear Algebra
    – MATH 203, Calculus III
    – MATH 060, Precalculus 2

- Courses taught at the university or/and the teacher training college of Nouakchott

- Didactique of Mathematics
- MATH 721: Modern Algebra I
- MATH 722: Modern Algebra II
- MATH 725: Linear Algebra
- MATH 751: Topology
- MATH 746: Theory of Functions of a Real Variable I
- MATH 747: Theory of Functions of a Real Variable II
- MATH 655: Functional Analysis I
- MATH 656: Functional Analysis II
- MATH 251: Differential calculus in Banach spaces
- MATH 730: Measure Theory and Integration

- supervision and direction of more than twenty undergraduate research projects at the University of Nouakchott

- supervision of the training in use of Computer in teaching mathematics

- supervision of the training in Didactique of Mathematics ;

- supervision of Trainees in secondary schools ;

7 Positions held and administrative duties

- Professor of mathematics and Didactique of mathematics at the University and at the teacher training college of Nouakchott, since October 1989;

- adviser to the Director, responsible for the renovation of the institution, since January 2006.

- president of the group developing new program in Mathematics for the teachers ;

- member of Science Council of the Espaces mathématiques francophones, since 2006;

- managing Editor of the Journal African review of mathematics and science Didactique, since may 2005;

- member of Science Council of maghrebian academy of Sciences, from 1993 to 2003;

- member of the Institution Board, from 1997 to 2009 ;

- head of Department of Sciences (Math, Physic, Biology), from 1994 to 1996 ;

- supervision as a president of Baccalaureate exams, since 1991 ;

- member of the committee of mathematic curriculum development, since 1991 ;

- head of Department of Mathematics, from 1990 to 1993 ;

- member of the Study Board, since 1989.

8   Grants and fellowships

- several research projects funded by the Agence universitaire de la Francophonie which allowed me to stay in Mohammed-V university of Rabat, during the fellowing periods:

  - from September to December 2007;
  - from September 2005 to February 2006 (post-doctoral training);
  - from September 2004 to February 2005;
  - from September 2003 to march 2004;
  - December 2002;
  - November 2001;
  - April-May, 1997;

- training on the use of electronic publishing software, Dakar (Senegal), 2005;

- training of one month in teaching Mathematics, Teacher training college of Rabat, April 2004 ;

- training of 4 months in Mathematics Instruction, Teacher training college of Rabat, 1993, funded by moroccan agency for international cooperation;

9   Seminar attended

Participated in organization of several workshops and conference, including:

- Programs evaluation and educational system;

- Textbooks writing;

- approach by skills;

- remote training;

- Symposium mathematical Pan African, Hammamet (Tunisia), November 2006;

- participant speaker in symposium emf2006, Sherbrooke (Canada), may 2006;

- symposium emf2003, Tozeur (Tunisia), December 2003;

- symposium on mathematics Instruction, Bamako (Mali), May 2003;

- symposium emf2000 on mathematics Instruction, Grenoble (France), July 2000;

- Days of Spanish-Moroccan Mathematics, Tetouan (Morocco), June 1999;

10 Computer experience

I master

- windows and linux ;

- Mathematica, LaTeX, and many other software ;

- development and maintenance of the website for example the website of African review of mathematics and Sciences Didactique (http://www.radisma.info).

11 Spoken and written languages

- ARABIC;

- FRENCH;

- ENGLISH.