CURRICULUM VITAE

I)Personal details

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II) Scientific formation

01/9/2014-Now: Professor, Al-Imam Muhamed Ibn Saud Islamic University, Saudi-Arabia.
 2013 - 2014: Professor, ULBM (Oum El Bouaghi), Algeria.
 2009 - 2013: Associate Professor **A** (Habilitation), ULBM.
2007-2009: Associate Professor, ULBM.
2006-2007: Assistant Professor B, ULBM.
2006: Doctorat es-sciences in Mathematics, Algiers.
2000-2006 : Associate Professor, KSU, Saudi Arabia.
1996-2000 : Assistant Professor, KSU.
1994-1995 : ATER, Paris 6 University, France.
1994 : PHD (Doctorat nouvelle thèse) in Number Theory, Paris 6 University.
1990 : Master Degree (DEA) in Optimization and Cryptography, Limoges University, France.

III) Recent teaching activities

2016-2017 :
Introduction to number theory (Mat 222).
Calculus 1 (Mat 101).
Advanced linear algebra (Mat 621).
Research project (Mat 499).

2015-2016 :
Modern Algebra (Mat 321).
Calculus 1 (Mat 113).
Elements of logic and structures (Mat 220).
Research project (Mat 499).

2014-2015 :
Modern Algebra (Mat 321).
Introduction to number theory (Mat 222).
Elements of Logic and structures (Mat 220).
Research project (Mat 499).

2013-2014 :
Algebra 2&3, S2&S3 Bachelor of Mathematics.
Field theory, Master of Mathematics.

2012-2013 :
Algebra 2&3, S2&S3 Bachelor of Mathematics.
Complement in algebra, Master of Mathematics.

2011-2012 :
Algebra 1&2, S1&S2 Bachelor of Mathematics.
Field theory, Master of Mathematics.

2010-2011 :
Algebra 1& 2, S1&S2 Bachelor of Mathematics.
Topological groups, Master of Mathematics.
Beta – developpement, Master of mathematics.

IV) Master thesis directed

2013-2014 :
Student : K. Nadjoum, *Absolute values and p-adic numbers.*
Student : L. Latrous, *Some Diophantine inequalities.*

2012-2013 :
Student : M. Slatnia, *Harmonious sets and Pisot numbers.*
Student : K. Boubelouta, *Spectra of certain algebraic numbers*.
Student : M. C. Bahi, *Beta-developpement in algebraic base.*

2011-2012 :
Students : S. Bsir and S. Farah, *Hausdorff measures.*
Students : H. Kadri and S. Lefrada, *On the distribution modulo one.*

2010-2011 :
Student : A. Hantas, *Representation of real numbers in real bases.*

2003-2004 :
Student : K. Al-Shaalan, *A study of a property of Pisot numbers (KSU).*

V) Some scientific activities

Reviewer for the mathematical Reviews (since 1997)**.**

Occasionally referee for the following mathematical journals:
 1) Mathematics of Computation (AMS),
 2) Maghreb math. Rev.,
3) Arab J. Math. Sc.,
4) Journal of Math. and Comp. (LMS),
5) Journal of Numbers,
6) Journal de théorie des nombres de Bordeaux (SMF),
7) Questiones Mathematicae.

President of the scientific council of the department of mathematics, U. L. B. M., 2009-2010.
Member of the scientific council of the faculty of sciences, U. L. B. M., 2010-2013.
Member of the scientific council of the department of mathematics and informatic, U. L. B. M., 2012-2014.
Member the scientific council of the university of Tébessa, 2011-2012.
Member the scientific council of some national seminars of mathematics.
Member of the Algerian mathematical society.
Member of the scientific council of the department of mathematics and statistics, Al Imam University, 2014-2016.

Reaserch project (2015-2016): On real parts of powers of complex Pisot numbers, supported by the Deanship of Scientific Research at Al Imam Mohammad Ibn Saud Islamic University under the grant No. 361201.

VI) Publications

1) Msc thesis, Analyse-critique d'algorithmes en théorie algébriques des nombres, Limoges University, 1990.

2) Minoration d'un produit pondéré des conjugués d'un entier algébrique totalement réel, **C. R. A. S. Paris** 318, 1-4, 1994.

3) Minoration du diamètre d'un entier algébrique totalement réel, **C. R. A. S. Paris** 319, 417-419, 1994.

4) PHD thesis, Sur les nombres Pisot relatifs, PHD thesis (thèse de l'université Paris 6), 1994.

5) Sur les K-nombres de Pisot de petite mesure, **Acta Arithmetica** 72, 103-131, 1996.

6) Caractérisation d'un ensemble généralisant l'ensemble des nombres de Pisot, **Acta Arithmetica** 87, 141-144, 1998.

7) Sur la fermeture de l'ensemble des K-nombres de Pisot, **Acta Arithmetica** 88, 363-367, 1998.

8) Sur les nombres de Pisot totalement réels, **Acta Arithmetica** 5, 19-32, 1999.

9) On small Pisot numbers in a number field, **Maghreb Math. Rev**. 8, 163-167, 1999.

10) Note on totally real Pisot numbers in the successive derived sets of Pisot numbers, **Arab J. Math. Sc**. 6, 37-40, 2000.

11) Remarks on certain Salem numbers, **Arab J. Math. Sc**. 7, 1-10, 2001.

12) On an approximation property of Pisot numbers, **Acta Mathematica Hungar**. 96, 309-325, 2002.

13) On numbers which are differences of two conjugates over Q of an algebraic integer, **Bull. Austral. Math. Soc**. 68, 233-242, 2003.

14) On the integer form of the additive Hilbert's Theorem 90, **Linear Algebra and its Applications** 390, 175-181, 2004.

15) On an approximation property of Pisot numbers II, **Journal de Théorie des Nombres de Bordeaux** 16, 239-249, 2004.

16) The cubics which are differences of two conjugates of an algebraic integer II, **Journal de Théorie des Nombres de Bordeaux** 17, 949-953, 2005.

17) On integer and fractional parts of powers of Salem numbers, **Archiv Der Mathematik** 87, 124-128, 2006.

18) An Arithmetical property of powers of Salem number, **Journal of Number Theory** 120, 179-191, 2006.

19) Approximation by polynomials with bounded coefficients, **Journal of Number Theory** 127, 103-117, 2007.

20) Une remarque sur le spectre des nombres de Pisot, **Comptes Rendus Math. Acad. Sci. Paris** 347, 5-8, 2009.

21) On epsilon-Pisot numbers, **New York Journal of Mathematics** 15, 415-422, 2009.

22) On numbers having finite beta-expansions, **Ergodic Theory and Dynamical Systems** 29, 1659-1668, 2009.

23) A property of the spectra of non-Pisot numbers, **Comptes Rendus Math. Acad. Sci. Paris** 348, 121-124, 2010.

24) Commentaires sur quelques résultats sur les nombres de Pisot, **Journal de Théorie des Nombres de Bordeaux** 22, 513-524, 2010.

25) On roots of polynomials with positive coefficients, **Publications de l'Institut Mathématiques** 89, 89-93, 2011.

26) On the spectra of Pisot numbers, **Glasg. Math. J.** 54, 127-132, 2012.

27) Comments on the distribution modulo one of powers of Pisot and Salem numbers, **Publ. Math. Debercen** 80, 417-426, 2012.

28) On the distribution of certain Pisot numbers, **Indag. Math.** 23, 318-326, 2012.

29) Comments on the height reducing property (in collaboration with S. Akiyama), **Centr. Europ. Math. J.** 9, 1616-1627, 2013.

30) Comments on the height reducing property II (in collaboration with S. Akiyama and J. C. Thuswaldner), **Indag. Math.** 26(1), 28-39, 2015.

31) Characterization of the numbers which satisfy the height reducing property (in collaboration with S. Akiyama and J. C. Thuswaldner), **Indag. Math.** 26 (1), 24-27, 2015**.**

32) Complex Pisot numbers in algebraic number fields (in collaboration with M. J. Bertin), *C. R. Math*. *Acad. Sci. Paris* 353 (11), 965-967, 2015.

33) Comments of the fractional parts of Pisot numbers (in collaboration with M. Selatnia and H. Zekraoui), **Archiv**. **Math. (Brno)**, 51, 153-161, 2015.

34) On number fields without unit primitive elements (in collaboration with M. J. Bertin and A. Aljouiee), **Bull. Austral. Math. Soc.** , 93, 420-432, 2016.

35) On the conjugates of certain algebraic integers, Publications de l'institut mathématiques (Beograd), 99 (113), 281-285, 2016.

36) On real parts of powers of complex Pisot numbers, **Bull. Austral. Math. Soc.** , 94, 245-253, 2016.

37) A note on number fields having reciprocal integer generators, **Questiones mathematicae** 40(3), 2017, 391-394.

VII) Conferences and Meetings

1991 : *Sur les nombres de Pisot relatifs,* Seminar in analytical number theory , Paris.
1992 : *Sur la mesure d'un polynôme se décomposant sur un corps de nombres*, Arithmetical days of Bordeaux, France.

1995 : *Sur la mesure de Mahler de certains polynômes,* Seminar of p-adic analysis, Paris.

1999 : *On totally real Pisot numbers,* Forth meeting of SAMS, Riyadh.

2001 : *On certain Salem numbers*, Fifth meeting of SAMS, Riyadh.

2009 : *Sur les Q($\sqrt{d}$)-nombres de Pisot de petite mesure*, International seminar on applied algebra, Jijel, Algeria.
         Sur une question de Kuba, International seminar on dynamical systems, Oum El-bouaghi, Algeria.

2010 : *Sur les nombres de Pisot forts,* Seventh meeting in analysis and applications , Batna, Algeria.

2011 : Sixth school in abstract differential equations, Member of the organization committee**,** Oum El Bouaghi, Algeria.
         Sur les nombres de Pisot forts dans un corps de nombres réel algébrique , International seminar on applied algebra, Msila, Algeria.

2012: *Sur les nombres de Pisot simples,*   Second congress of the Algerian mathematicians, Annaba, Algeria.
         Sur le bêta-développement en base de Salem, National meeting on mathematical sciences, Tébessa, Algeria.

2013: *Sur la réduction de la hauteur d'un nombre algébrique,* National seminar on the mathematics and their applications, Khenchela, Algeria.

2014: *On the denominator of an algebraic number,* Third congress of the Algerian mathematicians, Tlemcen, Algeria.
         On Pisot numbers in algebraic number fields, Seminar of Mathematics and Statistics, Al-Imam University, Saudi-Arabia.
2015: *On the fractional parts of Pisot numbers* , International seminar on applied algebra, Msila, Algeria (In collaboration with H. Zekraoui and M. Selatnia).

2016: *On number fields with reciprocal generators,* Seminar of Mathematics and Statistics, Al-Imam University, Saudi-Arabia.