

Curriculum Vitae of Professor Doctor

Noomen JARBOUI



PERSONAL DATA

Full Name: Jarbouï Noomen

Date & Place of Birth: 20 January 1972, Sfax

Nationality: Tunisian

Marital status: Married

Number of children: 03 (01 son and 02 daughters)

Original Address: Faculty of Sciences of Sfax, Department of Mathematics, P. O. Box 1171, Sfax 3000, Tunisia

Present Address: King Faisal University, Faculty of Sciences, Department of Mathematics, P. O. Box 380, Al- Hassa 31982, Saudi Arabia.

Function: Professor

Phone (Saudi Arabia): (00966)501259417 **Phone (Tunisia):** (00216) 98 667 617

E-mail: noomenjarbouï@yahoo.fr

Theses supervised: genealogy.math.ndsu.nodak.edu/id.php?id=87715

Major Fields: Commutative Algebra.

Areas of Research Interest: Commutative Algebra, General Topology, Digital Topology, Theory of Binary Relations.

ACADEMIC QUALIFICATIONS

Degree	Date	University	Country	Specialization
BS (Maitrise)	1994	Univ. Sfax	Tunisia	Mathematics
Master	1996	Univ. Sfax	Tunisia	Algebra
Ph. D	2000	Univ. Sfax	Tunisia	Algebra
Habilitation	2003	Univ. Sfax	Tunisia	Algebra

LANGUAGES

Language	Reading	Writing	Conversation
Arabic	Excellent	Excellent	Excellent
French	Excellent	Excellent	Excellent
English	Excellent	Excellent	Good

AWARDS OR SCHOLARSHIPS

Year	Award or scholarship
1994	Sfax Government Scholarship for graduate studies (from the Faculty of Sciences of Sfax)
1994	The First Price for graduating with excellence from the Faculty of Sciences of Sfax

PROFESSIONAL EXPERIENCE

Job Title	From-To	Institution	Country
Assistant (Lecturer)	1996-2000	Fac. Sc. Sfax	Tunisia
Assistant Professor	2000-2003	Fac. Sc. Sfax	Tunisia
Associate Professor	2003-2007	Fac. Sc. Sfax	Tunisia
Associate Professor	2007-Now	Fac.Sc. (kfu)	Saudi Arabia
Professor	2009-Now	Fac.Sc. Sfax	Tunisia

UNIVERSITY TEACHING

- Calculus, Topology, Differential Geometry, Differential Equations, Surfaces, Number Theory, Affine and Euclidian Geometry, Projective Geometry, Linear Algebra, Rings and Fields, Group Theory, Polynomial Rings, Galois Theory, Complex Geometry, Complex Analysis.

Graduate courses that I have taught at the Master degree:

1. Dimension Theory in polynomial and formal power series rings (**University of Sfax**) [AY: 04/05]

2. Digital Topology (**University of Sfax**) [AY: 06/07]
3. Group and Ring Theory (Algebra 1) (**King Faisal University**) [AY: 07/08]
4. Group and Ring Theory (Algebra 1) (**King Faisal University**) [AY: 08/09]
5. Galois Theory (**Algebra 2**) (**King Faisal University**) [AY: 08/09]

RESEARCH EXPERIENCE

Number of Master's Theses Supervised: (5)

Supervised Theses (Ph. D.): (4)

Students who received (or prepared) their Ph. D. under my supervision:

Student Name	Degree	Title	University & Year
Mohamed Jaouhar Ben Abdallah	Ph. D.	Some Chain Conditions in Cartesian Squares	University of Sfax, Tunisia; presented 02 July 2008
Ayada Jerbi	Ph. D.	Pullbacks and Universal Catenarity	University of Sfax, Tunisia October 2006-Now
Essebti Massouad (co-supervision)	Ph. D.	Quasi-Pseudo-valuation Domains and Treed Pairs	University of Sfax, Tunisia December 2006-Now
Hanan Monceur (co-supervision)	Ph. D.	Elasticity of Integral Domains of The Form $A + I$	University of Sfax, Tunisia December 2006-Now

Participation at International Conferences:

1. The Conferences of The Tunisian Mathematical Society (SMT): March 1997, March 1998, March 1999, March 2001, March 2003, March 2004, March 2005. **Tunisia** <http://smt.50webs.com/>
2. The third International Conference on Commutative Ring Theory. 2001, **Fez, Morocco.**
3. The International Conference on Commutative Rings and their Modules, 2004, **Cortona, Italy. (Invited Speaker)**
4. The International School : Satellite Conference on Algebraic Geometry, August 16-19, 2006, **Sergovia, Spain.**
www.escet.urjc.es/satellite/participants.php
5. Conference Algebra and Co-algebras Tools for geometry, physics and computer science, Adjoint meeting of the American university in Cairo, Cairo university and the mathematical Science research, March 25-30, 2006. **Cairo (Invited Speaker)**
www1.aucegypt.edu/conferences/algebra/participants.html
6. Fifth International Fez Conference on Commutative Algebra and Applications , June 23 - 28 , 2008 , **Fez, Morocco. (Invited Speaker)**

OTHER UNIVERSITY ACTIVITIES

1. 2002-2005: Elected member of the Scientific Council (Faculty of Sciences of Sfax).
2. Member of the International Mathematical Union (IMU)
[.www.mathunion.org/ewdm/memberlist.php?sort=c](http://www.mathunion.org/ewdm/memberlist.php?sort=c)

3. Associate Editorial Board, **International Journal of Open Problems in Computer Science and Mathematics**, Section : Algebra, Algebraic Geometry, Algebraic Topology, <http://www.ijopcm.org/> or <http://www.i-csrs.org/page3.html>

4. Founding Member of the International center of Scientific research and studies, <http://www.i-csrs.org/Mathematics.html>

Scientific Collaborations

- **France**

LATP (Laboratoire d'Analyse, Topologie et Probabilités CNRS-UMR 6632)),
(Paul-Jean CAHEN, Professeur à [l'Université Paul Cézanne - \(Aix-Marseille III\)](#)).

- **USA**

- [The University of Tennessee Maths Department \(Knoxville, TN 37996\)](#)
([David E Dobbs](#)) **Office: (865) 974-4297 Fax: (865) 974-6576** dobbs@math.utk.edu

- **Italie**

- [Roma Tre, Università degli Studi, Département de mathématiques](#)
([Marco Fontana](#))

- **Tunisie**

- [University of Tunis](#)
- [University of Sfax](#)

COMMUNITY SERVICES

Consultations and services

Consultation	Nature of consultation	Date
Faculty of Sciences of Tunis	Referee (PhD of Ms Elaouad Salma) --Algebra--	2007
Faculty of Sciences of Sfax	Examinator (Habilitation of Dr Jamel Dammak) --Theory of Binary Relations --	2005
Faculty of Sciences of Sfax	Examinator (PhD of Mr Houcine Bouchaala) --Theory of Binary Relations--	2005

LIST OF PUBLICATIONS

(My research papers are published in the following Journals)

Journals	Number of Papers published	Year
Archiv der Mathematik	1	2008
Bollettino Della Unione Matematica Italiana	1	2002
Colloquium Mathematicum	2	1999, 2002

Demonstratio Mathematicae	1	2003
Houston Journal of Mathematics	2	(Accepted)
Journal of Algebra	5	2002, 2005, 2007, 2008
Journal of Algebra and its Applications	1	2008
Journal of Pure and Applied Algebra	4	2000, 2008
JP, Journal of Algebra, Number Theory and Applications	1	2008
JP, Journal of Geometry and Topology	1	2007
Mathematische Zeitschrift	1	2001
Publicacions Matematiques	3	2000, 2002, 2008
Ricerche di Matematica	2	2008, (Accepted)

1999

- 1. Noomen Jarboui**, Some remarks on the altitude inequality, *Colloquium Mathematicum* 80 (1) (1999) 39-52. **MR1684569**

2000

2. Mabrouk Ben Nasr, Othman Echi, Lahoucine Izelgue and **Noomen Jarboui**, Pairs of domains where all intermediate domains are Jaffard, **Journal of Pure and Applied Algebra** 145 (2000) 1-18. **MR1732284**

3. Mabrouk Ben Nasr and **Noomen Jarboui**, Maximal non-Jaffard subrings of a field, **Publicacions Matemàtiques** 44 (2000) 157-175. **MR1775744**

2001

4. Ahmed Ayache, Mabrouk Ben Nasr, Othman Echi and **Noomen Jarboui**, Universally catenarian and going-down pairs of rings, **Mathematische Zeitschrift** 238 (2001) 695-731. **MR1872571**

2002

5. Mabrouk Ben Nasr and **Noomen Jarboui**, Intermediate domains between a domain and some intersections of its localizations, **Bollettino Della Unione Matematica Italiana** (8) 5-B (2002) 701-713. **MR1934375**

6. **Noomen Jarboui** and Ihsen Yengui, Absolutely S-domains and pseudo-polynomial rings, **Colloquium Mathematicum** 94 (1) (2002) 1-19. **MR1930198**

7. Mabrouk Ben Nasr and **Noomen Jarboui**, A counterexample for a conjecture about the catenarity of polynomial rings, **Journal of Algebra** 248 (2002) 785-789. **MR1882123**

8. Ahmed Ayache and **Noomen Jarboui**, Maximal non-Noetherian subrings of a domain, **Journal of Algebra** 248 (2002) 806-823. **MR1882125**

9. **Noomen Jarboui**, When is each proper overring of R an S (eidenberg)-domain? **Publicacions Matemàtiques** 46 (2002) 435-440. **MR1934362**

2003

10. Othman Echi and **Noomen Jarboui**, On residually integrally closed domains, **Demonstratio Mathematicae**, vol XXXVI No 3 (2003) 543-550. **MR2004540**

2005

11. Ahmed Ayache and **Noomen Jarboui**, On questions related to stably strong S -domains, **Journal of Algebra** 291 (2005) 164-170. **MR2158516**

2007

12. Ezzeddine Bouassida and **Noomen Jarboui**, Connectivity in A-spaces, **JP, Journal of Geometry and Topology**, vol 7 (2) (2007) 309-320. **MR2349303**

13. Ahmed Ayache and **Noomen Jarboui**, Complement to the article ``On questions related to stably strong S-domains'', **Journal of Algebra** (2007) no 1, 497. **MR2278068**

2008

14. Ahmed Ayache and **Noomen Jarboui**, An algorithm for computing the number of intermediary rings in normal pairs, **Journal of Pure and Applied Algebra**, 212 (2008) 140-146. **MR2355039**

15. Mohamed Jaouhar Ben Abdallah and **Noomen Jarboui**, Some remarks on the ring $Z + tZ[t, u]$, **JP, Journal of Algebra, Number Theory and Applications**, vol 10 (1) (2008) 1-8. **MR2434017**

16. Mohamed Jaouhar Ben Abdallah and **Noomen Jarboui**, On universally catenarian pairs, **Journal of Pure and Applied Algebra**, 212 (2008), no. 10, 2170-2175. **MR2418162**

17. **Noomen Jarboui** and Ayada Jerbi, Pullbacks and Universal catenarity, **Publicacions Matemàtiques**, 52 (2008), no. 2, 365-375. **MR2436730**

18. Ahmed Ayache and **Noomen Jarboui**, Universally catenarian domains of the type $A + I$, **Ricerche di Matematica**, 57 (2008), no0 1, 27-42. **MR2424974**

19. **Noomen Jarboui**, A note on some chain conditions, **Archiv der Mathematik** (Basel), 90 (2) (2008) 133-135. **MR2377602**

20. Ahmed Ayache and **Noomen Jarboui**, Intermediary rings in normal pairs, **Journal of Pure and Applied Algebra**, 212 (2008), no. 10, 2176-2181. **MR2418163**

21. Mabrouk Ben Nasr and **Noomen Jarboui**, On maximal non-universally catenarian subrings, **Journal of Algebra and its applications**, 7 (2008), no. 5, 553--556. [MR2459077](#).

22. Ahmed Ayache and **Noomen Jarboui**, An answer to a Dobbs conjecture about treed domains, **Journal of Algebra**, 320 (2008), no. 10, 3720-3725 [MR2457718](#)

23. Mohamed Jaouhar Ben Abdallah and **Noomen Jarboui**, A note on the ring $D[tu^n, n \geq 0]$, **Houston Journal of Mathematics**, vol 35, No.3 (2009), 719-724.

Accepted papers

24. Mabrouk Ben Nasr and **Noomen Jarboui**, On maximal non-valuation subrings, **Houston Journal of Mathematics**, accepted, (to appear).

25. **Noomen Jarboui**, A question about maximal non-valuation subrings, **Ricerche di Matematica**, accepted, (to appear)

Last update: July 06, 2009