Curriculum Vitae of Professor Doctor

Noomen JARBOUI

PERSONAL DATA

Full Name: Jarboui 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: Sfax University, Faculty of Sciences, Department of Mathematics, P. O. Box 1171, Sfax 3000
  Tunisia
Function: Professor
Phone (Tunisia): **(00216) 94 952 315**

E-mail: noomenjarboui@yahoo.fr
Theses supervised: genealogy.math.ndsu.nodak.edu/id.php?id=87715

Major Fields: Commutative Algebra.
Areas of Research Interest: Commutative Algebra, Digital Topology.

ACADEMIC QUALIFICATIONS

Degree	Date	University	Country	Specialization
Maitrise in Mathematics	1994	Univ. Sfax	Tunisia	Mathematics
Master in Mathematics	1996	Univ. Sfax	Tunisia	Algebra
Ph.D in Mathematics	2000	Univ. Sfax	Tunisia	Algebra
Habilitation in Mathematical Sciences	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
2010	Borj Elkallel Price, Tunisia

Employment History

Job Title	From-To	Institution	Country
Assistant	1996-2000	Fac. Sc. Sfax	Tunisia
Assistant Professor	2000-2003	Fac. Sc. Sfax	Tunisia
Associate Professor	2003-2007	Fac. Sc. Sfax	Tunisia
Associate Professor	2007-2011	Fac.Sc. (kfu)	Saudi Arabia
Professor	2008- Now	Fac.Sc. Sfax	Tunisia

TEACHING ACTIVITIES

- 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, Real 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]

6. Group and Ring Theory (Algebra 1) **(King Faisal University)** [AY: 09/11]

7. Ring Theory **(University of Sfax)** [AY: 11/12]

RESEARCH EXPERIENCE

Number of Master's Theses Supervised: (8)

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

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

nt Name	Degree	Title	University & Year
med Jaouhar Ben Abdallah	Ph. D.	Some Chain Conditions in Cartesian Squares	University of Sfax, Tunisia; presented 02 July 2008

Jerbi	Ph. D.	Pullbacks and Universal Catenarity	University of Sfax, Tunisia October 2006-Now
oti Massouad	Ph. D.	Treed Pairs of rings	University of Sfax, Tunisia December 2006-Now
n Monceur	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 Americain 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)**

7.   Models for Success in Managing National Research Resources, National Policy Workshop on Forestering Innovation, Higher Education and Global Excellence, King Abdulaziz City for Science and Technology (KACST) and King Abdullah University of Science and Technology (KAUST)**,** October 31 and November 1, 2009, at the KAUST campus in **Thuwal, Saudi Arabia**

OTHER UNIVERSITY ACTIVITI ES

1.   2002-2005: Elected member of the Scientific Council (Faculty of Sciences of Sfax).

2.   Member of the International Mathematial Union (IMU) .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/page3.html

5.   Referee for the following Journals:
-Advanced Research in Pure Mathematics (JARPM),
-Beiträge zur Algebra und Geometrie/ Contributions to Algebra and Geometry,
-International Journal of Open Problems in Computer Science and Mathematics

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](The University of Tennessee Maths Department) ([**Knoxville, TN 37996**](Knoxville, TN 37996))
    (David E Dobbs) **Office: (865) 974-4297 Fax: (865) 974-6576 dobbs@math.utk.edu**
- **Italy**
  - [Roma Tre, Università degli Studi](Roma Tre), Département de mathématiques (Marco Fontana)
- **Tunisia**
  - University of Tunis
  - University of Sfax

COMMUNITY SERVICES

Some Consultations and services

...ultation	Nature of consultation	Date
...ty of Sciences of Tunis	Referee (PhD of Ms Elaouad Salma) --Algebra--	2007
...ty of Sciences of Sfax	Examinator (Habilitation of Dr Jamel Dammak) --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 Mathematica Italiana	1	2002
Colloquium Mathematicum	2	1999, 2002
Demonstratio Mathematicae	1	2003
Houston Journal of Mathematics	2	2009, 2011
Journal of Algebra	5	2002, 2005, 2007, 2008
Journal of Algebra and its Applications	2	2008, (Accepted 2012)

Journal of Pure and Applied Algebra	4	2000, 2008
JP, Journal of Algebra, Number Theory and Applications	2	2008, 2011
JP, Journal of Geometry and Topology	1	2007
Mathematische Zeitschrift	2	2001, 2011
Monatshefte fur Mathematik	2	2010, (Accepted 2012)
Publicacions Mathematiques	3	2000, 2002, 2008
Ricerche di Matematica	2	2008, 2009
Beiträge zur Algebra und Geometrie/ Contributions to Algebra and Geometry	1	Accepted 2012
Arabian Journal for Science and engineering	1	Accepted 2012
Communications in Algebra	1	Accepted 2012

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, **Mathematishe 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 Mathematica 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 Mathematiques**, 52 (2008), no. 2, 365-375. **MR2436730**

18. Ahmed Ayache and **Noomen Jarboui**, Universally catenarian domains of the type A + I, **Ricerche di Mathematica**, 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](#)

2009

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. [MR2534275](#)

24. **Noomen Jarboui**, A question about maximal non-valuation subrings , **Ricerche di Matematica**, 58 (2) (2009), 145-152. [MR2570583](#)

2010

25. Abdallah, Mohamed Jaouhar Ben; **Jarboui, Noômen**. Some chain conditions in pullbacks. *Monatsh. Math.* **161** (2010), [MR2670227](#)

2011

26. Dobbs, David E.**; Jarboui, Noômen**. On integral domains with a unique overring that is incomparable with the integral *Algebra Number Theory Appl.* **23** (2011), no. 1, 1--24. [MR2893895](#)

27. Ayache, Ahmed**; Jarboui, Noômen**; Massaoud, Essebti**. Pairs of domains where all intermediate domains are treed. *Ar*

(2011), no. 6, 933--946. [MR2845521](#)

28. Ayache, Ahmed**;** Ben Nasr, Mabrouk**; Jarboui, Noômen**. PID pairs of rings and maximal non-PID subrings. *Math. Z.* 635--647. [MR2818722](#)

29. Ben Nasr, Mabrouk**; Jarboui, Noômen**. On maximal non-valuation subrings, Houston J. Math, 37 (2011), no. 1, 47-59

Accepted papers (2012)

30. Mabrouk Ben Nasr**, Noomen Jarboui** and Nasr Anwar Zeyeda, About the Spectrum of Nagata rings, **Monatsh Math**, DOI 10.1007/s00605-011-0325-1

31. Noomen Jarboui and Ayada Jerbi, A note on maximal non-Noetherian subrings, **Beitr Algebra Geom** (2012) 53:159–172, DOI 10.1007/s13366-011-0055-5

32. Noomen Jarboui and Essebti Massaoud, On finite saturated chains of overrings, **Communications in Algebra**, [Volume 40](#), [Issue 4](#), 2012, 1563-1569, **DOI:** 10.1080/00927872.2010.542789

33. Noomen Jarboui and Hanen Monceur, Well-centered pairs of rings, **Journal of Algebra and its Applications,** DOI No: 10.1142/S0219498812501356

Submitted papers

34. Noomen Jarboui, An answer to a conjecture about strong S-domains, submitted.

35. Noomen Jarboui, A new Characterization of Prufer domains, submitted.

36. Noomen Jarboui , When is the set of intermediate rings finite? In revision.

37. Noomen Jarboui , About the spectrum of the serre conjecture ring, submitted

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