

CURRICULUM VITAE

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(20 January 2020)

1. PERSONAL DATA

- ◇ Full Name: Najib MAHDOU
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AREAS OF RESEARCH: Commutative Algebra and Homological Algebra.

2. PROFESSIONAL EXPERIENCE

- ◇ **2005 -** Full Professor, Faculty of Sciences and Technology, University Sidi Mohamed Ben Abdellah, Fez, Morocco.
- ◇ **2001-2005** Associate Professor, Faculty of Sciences and Technology, University Sidi Mohamed Ben Abdellah, Fez, Morocco.
- ◇ **1992-2001** Assistant Professor, Faculty of Sciences and Technology, University Sidi Mohamed Ben Abdellah, Fez, Morocco.

3. CURRENT Ph.D. STUDENTS

- ◇ Zahir Youssef, **Ph.D**, MS degree in 2016, FST-University of Fez, Fez, Morocco.
- ◇ Moussaoui Sanae, **Ph.D**, MS degree in 2017, FST-University of Fez, Fez, Morocco.
- ◇ ElKhalfi Abdelhak, **Ph.D**, MS degree in 2017, FST-University of Fez, Fez, Morocco.
- ◇ Anebri Adam, **Ph.D**, MS degree in 2019, FST-University of Fez, Fez, Morocco.

4. Ph.D. DISSERTATIONS SUPERVISED

1. Hakima Mouanis, "Transfert de quelques propriétés homologiques aux sous anneaux rétractés, sous anneaux fixés et aux produits fibrés," Ph.D. Dissertation, FS, Univ. of Fez, Fez, Morocco, 19 June 2004.
2. Chahrazade Bakkari, "Contenus, Polynômes Gaussiens et propriétés de Prüfer," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 25 June 2008.
3. Driss Bennis, "Dimensions Homologiques de Gorenstein," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 25 June 2008.

4. Khalid Ouarghi, "Dimensions Homologiques de Gorenstein des Anneaux et des Modules," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 04 July 2009.
5. Abdellatif Jhilal, "Transfert de Quelques Propriétés Homologiques dans Différents Contextes d'Anneaux Commutatifs," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 04 July 2009.
6. Mohamed Tamekkante, "Dimensions Homologiques de Gorenstein des Anneaux et des Modules," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 03 July 2010.
7. Aziza Rahmouni Hassani, "Transfert de quelques propriétés d'un anneau commutative à l'extension triviale et au duplication amalgamée le long d'un idéal," Doctorat D'Etat, FST, Univ. of Fez, Fez, Morocco, 30 April 2011.
8. Mohamed Chhiti, "Transfert de quelques propriétés homologiques à la duplication amalgamée d'un anneau le long d'un idéal," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 18 June 2011.
9. Mohamed Kabbour, "Extensions Triviales et Amalgamations des Anneaux Arithmétiques et Localisations," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 09 July 2011.
10. Fuad Ali Ahmed Almahdi, "Transfert différentes Extension des propriétés d'anneaux concernant la semi-hérédité et les polynômes," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 16 June 2012.
11. Khalid Louartiti, "Autour de Quelques Propriétés Algébriques sur l'Amalgamée d'un Anneau le long d'un Idéal," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 22 June 2013.
12. Fatima Cheniour, "Autour de certaines propriétés homologiques dans des extensions d'anneaux commutatifs," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 01 July 2013.
13. Moutu Abdou Salam Moutui, "Extensions Triviales et Amalgamations des proprits de Prûfer et de certaines Propriétés d'anneaux commutatifs. ," Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 18 October 2014.
14. Mohammed Zennayi, "Transfert de certaines propriétés dans les produits cartésiens, les extensions triviales, produits fibrés et amalgamés," Doctorat D'Etat, Faculty of Sciences Dhar El Mehraz, University S. M. Ben Abdellah, Fez, Morocco, 28 February 2015.
(I am the Co-director of this thesis. The Director of this thesis is Professor Rachid Hassani Ameziane).
15. Karima Ismaili Alaoui, " Autour de la cohérence et de la propriété (n,d) -Krull dans l'amalgamé algébrique d'anneaux commutatifs." Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 14 November 2015.
16. Mounir El Ouarrachi, " Autour des propriétés d'Armendariz, de la cohérence, et de Bézout", Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 10 February 2018.

17. Mohammed Issoual, “ Autour des idéaux n -absorbants et des idéaux (m,n) -fermés d’anneaux commutatifs”, Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 16 November 2019.
18. Rachida El Khalfaoui, “ Classes de produits fibrés et d’extensions triviales d’anneaux définies par des conditions homologiques.”, Ph.D. Dissertation, FST, Univ. of Fez, Fez, Morocco, 1 February 2020.

5. LIST OF PUBLICATIONS

- [1] n -Coherent rings and modules (with D. Dobbs and S. Kabbaj), Dekker Lect. Notes Pure Appl. Math. 185 (1997) 269-281.
- [2] When is $D+M$ n -coherent and an (n,d) -domain? (with D. Dobbs, S. Kabbaj and M. Sobrani), Dekker Lect. Notes Pure Appl. Math. 205 (1999) 257-270.
- [3] Hermite and weakly semi-Steinitz properties in pullbacks (with A. Bouanane), Dekker Lect. Notes Pure Appl. Math. 205 (1999) 133-143.
- [4] On Costas Conjecture, Communications in Algebra 29 (7) (2001) 2775-2785.
- [5] Steinitz properties in trivial extensions of commutative rings, The Arabian Journal for Science and Engineering, Theme issues Commutative Algebra, Volume 26, N 1C (2001), 119-125.
- [6] On the Clifford Algebra of a diagonal binary and cubic form, The Arabian Journal for Science and Engineering, Theme issues Algebra and its Applications, Volume 27, N 1A January (2002), 109-114.
- [7] On projective modules over polynomial rings (with Y. Lequain), Dekker Lect. Notes Pure Appl. Math. 231 (2003) 335-348.
- [8] Trivial extensions of local rings and a conjecture of Costa (with S. Kabbaj), Dekker Lect. Notes Pure Appl. Math. 231 (2003) 301-312.
- [9] On (n,d) -Krull rings, Communications in Algebra 31 (3) (2003) 1139-1146.
- [10] Some homological properties of subring retract and applications to fixed rings (with H. Mouanis), Communications in Algebra 32 (5) (2004) 1823-1834.
- [11] Trivial extensions defined by coherent-like conditions (with S. Kabbaj), Communications in Algebra 32 (10) (2004) 3937-3953.
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- [13] On 2-Von Neumann regular rings, Communications in Algebra 33 (10) (2005) 3489-3496.
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- [15] The (n,d) -Krull property over domains arising from pullbacks (with A. Mimouni and H. Mouanis), Communications in Algebra 34 (6) (2006) 2281-2286.
- [16] Gaussian polynomials and content ideal in pullbacks (with C. Bakkari), Communications in Algebra 34 (8) (2006) 2727-2732.
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- [19] Strongly Gorenstein projective, injective, and flat modules (with D. Bennis), Journal of Pure and Applied Algebra, 210 (2007) 437-445.
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- [21] Global Gorenstein Dimensions and Cotorsion Dimension of Rings (with D. Bennis), Com-munications in Algebra 37 (5) (2009) 1709-1718.
- [22] On n-perfect rings and Cotorsion Dimension (with D. Bennis), Journal of Algebra and its Applications, Vol. 8 (2), (April 2009) 181-190.
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- [24] Prüfer-like conditions in pullbacks (with C. Bakkari), Commutative Algebra and Applica-tions, Walter De Gruyter, (2009) 41-48.
- [25] n-Perfectness in pullbacks (with D. Bennis), Commutative Algebra and Applications, Walter De Gruyter, (2009) 61-68.
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- [42] On Armendariz-like properties, (with F. A. Almahdi), *African Diaspora Journal of Mathematics*, Nova Science Publishers Inc. Vol. 11 (1), (2011), 40-47.
- [43] On weakly Von-Neumann rings, (with M. Kabbour), *International Journal of Open Problems in Computer Science and Mathematics*, Vol. 4, No. 1, March 2011, 15-23.
- [44] On valuations rings (with M. Kabbour), *Communications in Algebra*, 39 (1) (2011) 176 - 183.
- [45] On (Strongly) Gorenstein (Semi)-Hereditary rings, (with M. Tamekkante), (*The Arabian Journal for Science and Engineering*), *Arab J Sci Eng (Springer)* (2011) 36: 431440.
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- [65] On (weak) Gorenstein global dimensions, (with M. Tamekkante), *Acta Mathematica Universitatis Comenianae*, Vol. 82, (2013) 285-296.
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- [76] On Heinzer-Roitman rings, (with M. Zennayi), *Rendiconti del Seminario Matematico dell'Universita' e Politecnico di Torino*, Vol. 72, 34 (2014), 235-243.
- [77] Rings in which every homomorphic image satisfy (strong) Property(A), (with K. Louartiti), *Gulf Journal of Mathematics*, Vol. 8 (2015), 23-29.
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