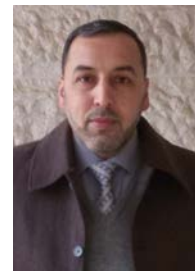


Curriculum Vitae

Khaldoun Al-Zoubi

Department of Mathematics and Statistics, Faculty of Science,
Jordan University of Science and Technology, Irbid, 22110, JORDAN

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PERSONAL INFORMATION

- Rank : **Professor of Mathematics**
- Date and Place of birth: May, 30, 1977 Jordan
- Nationality : Jordanian.
- Marital Status : Married.

ACADEMIC QUALIFICATION:

Ph.D. in Mathematics, Algebra. Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic, October, 2008.

- Dissertation: Congruence Simple Semirings.
- Advisor: Professor Tomáš Kepka.

M.Sc. in Mathematics, Yarmouk University, Irbid, Jordan. June 2002.

- Dissertation: On Properties of Graded Ideals.
- Advisor: Professor Mashhoor Al-Refai.

B.Sc. in Mathematics, Yarmouk University, Irbid, Jordan. June 1999.

PROFESSIONAL EXPERIENCE:

- **Professor of Mathematics**: Department of Mathematics and Statistics, Jordan University of Science and Technology, Jordan: October 2022 –Present.
- **Associate Professor of Mathematics**: Department of Mathematics and Statistics, Jordan University of Science and Technology, Jordan: October 2016 – 2022
- **Assistant Professor of Mathematics**: Department of Mathematics and Statistics, Jordan University of Science and Technology, Jordan: October 2011 – October 2016.
- **Assistant Professor of Mathematics**: Department of Mathematics, Jerash Private University, Jordan November, 2008— September, 2011.
- **Instructor**: Department of Mathematics, Jerash Private University, Jordan October 2004— August 2005.
- **High School Teacher**: Ministry of Education – Jordan, August 1999, June 2004

COURSES TAUGHT

- Undergraduate Level:

Math 342 (ABSTRACT ALGEBRA I), Math 442 (ABSTRACT ALGEBRA II), Math 240 (LINEAR ALGEBRA), Math 140 (ELEMENTS OF LINEAR ALGEBRA), Math 245 (SET THEORY AND LOGIC), Math 345 (NUMBER THEORY), Math 101 (CALCULUS I), Math 102 (CALCULUS I), Math 102 A (CALCULUS(FOR BIO.SCI.STUDENTS)), Vectors analysis,

- Graduate Level:

- Math 741 :ABSTRACT ALGEBRA I .

COMMITTEE PARTICIPATIONS

- Graduate studies Committee
- Recruitment Committee
- Promotion Committee
- Social and Cultural Committee
- Library Committee
- Final exam grade reassessment Committee:
- Scientific day Committee

ACTIVITIES

- The representative of the mathematics department at the science and arts college.
- The representative of the science and arts college at Jordan University of Science & Technology

COURSE COORDINATOR

Since I joined JUST in 2011, and at every semester, I have been the coordinator of some general course. I have coordinated the following general courses: Calculus I and II . The coordination duties include:

1. Preparing detailed syllabus that includes:
 - (i) The topics of the course with a weekly time schedule.
 - (ii) Course objectives that must be also entered into the online system of "Quality Assurance" (for the ABET accreditation purpose) and then connected and weighted with the Program Learning Outcomes.
 - (iii) Suggested exercises, textbooks, references, and instructions to students and teachers.
2. Writing exams and supervising the grading process. This includes connecting and weighting every question in the exam with its course objective and enter this in the online system of "Quality Assurance" (for the ABET accreditation purpose).
3. Organizing regular meeting with instructors to follow up the teaching process and collecting feedbacks.
4. Analyzing the results and writing a detailed report to the department chairperson.

5. Contributes to the development, planning, and implementation of high quality curriculum through a continuous collecting of feedback from students and instructors.

MASTER STUDENTS SUPERVISION:

- 1) **Malik Jaradat**, : On Properties of Graded Classical Prime Submodules, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Aug. 2014
- 2) **Boshra Rabab'a**, Properties of Graded Weakly Prime Submodules, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Aug. 2014
- 3) **Bayan Jaradat**, On the union of graded prime submodules, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, May. 2015
- 4) **Amani Al-qdearat**, A Study on Some Properties of Graded Comultiplication Modules, , Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Dec. 2015
- 5) **Feda'a Qarqaz**, A Study on intersection conditions for graded prime ideals and graded prime submodules, Aug. 2016
- 6) **Nisreen alsharafat**, A Study On Graded 2-Absorbing Primary and Graded Weakly 2-Absorbing Primary Ideals. Dept. of Math. and Stat. Jordan Univ. of Science and Technology , April, 2017
- 7) **Mariam Al-Azaizeh**, A Study on Graded Classical 2-Absorbing Submodules . Dept. of Math. and Stat. Jordan Univ. of Science and Technology . April, 2018.
- 8) **Farah AL-Turman**, A Study on Graded Weakly Classical Primary Submodules. Dept. of Math. and Stat. Jordan Univ. of Science and Technology . April, 2018.
- 9) **Shatha Alghueiri** , A study on graded Quasi-Semiprime submodules, Dept. of Math. and Stat. Jordan Univ. of Science and Technology . June. 2019.
- 10) **Rweili Alkhalaf**, A Study on Graded Quasi-Primary Submodules , Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Dec. 2019.

Master's thesis discussion committee

- Generalizations of ideal-based Zero- divisor Graphs of Commutative Ring . By Linda Ismail Istaiti , Dept. of Math. and Stat. Jordan Univ. of Science and Technology, May 2012.
- Analytical Mathematical Methods for A Reliable Treatment of Fokker-Planck Equations . By Diya' Jamil Al-Bayari, in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Nov. 2012.
- Gröbner basis for certain monomial curves under the Lexicographical ordering. By Hani Hamad Khazali in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, 2013
- Generalizations of Prime submodules . By Khalid Hussaien Bdarneh in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, May. 2013
- Weighted G2 –Multi-Degree Reduction of Bezier Curves By Salisu Ibrahim Dept. of Math. and Stat. Jordan Univ. of Science and Technology, April, 2014
- Orthogonal Polynomials on the Triangular Domain, By wala'a Ahmad Al-Kasasbeh, in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Aug, 2014
- On fuzzy almost prime ideals By Akram Derhem Ali in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Aug, 2014
- Normality of certain monomial ideal by Hamisu Ismail Ayagi in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Oct. 2014
- Groebner basis for certain monomial curves under negative degree revers lexicographic ordering by Mujitaba Bashir Ibrahim in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Oct.

2014

- Chains of ideals and Ratliff-rush closure by abdullahi auwal abdullahi in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, Oct. 2014
- New concepts of bigeneralized topological spaces by Abdullah Alhorani in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, March. 2015
- The fractional natural decomposition method and its application of linear and nonlinear ordinary and partial differential equations. By Hadeel Mansour Al-Jammal in Dept. of Math. and Stat. Jordan Univ. of Science and Technology, May 2015
- On Almost Semiprime ideals of commutative rings. By Mariam Ali Al-Zoubi in Dept. of Math. and Stat. Jordan Univ. of Science and Technology Aug.2015
- Covering Linear Space And other Algebraic structures by finitely many substructures By Raneem Mahmoud Ababneh Dept. of Math. and Stat. Jordan Univ. of Science and Technology Aug.2015
- 2-absorbing almost primary ideals By Obydah Al Nuserat Dept. of Math. and Stat. Jordan Univ. of Science and Technology Aug.2015
- Methods of High Order Approximation for Curves and Surfaces, By Alaa Badarneh, Dept. of Math. and Stat. Jordan Univ. of Science and Technology July.2016
- Algebraic of cyclic codes. By Mosa Nahar Mosa Aljohar, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, August 2016.
- Generalizations of prime Ternary subsemimodules of Ternary semimodules. By Wurood Oteir, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, August 2016
- Generalizations of primary submodules. By Lina Bataineh, Dept. of Math. and Stat. Jordan Univ. of Science and Technology, August , 2016.
- On Graded non-commutative rings. By Alaa Al-mesleh, Dept. of Math. Yarmouk Univ.Feb.2017
- On Graded n-prime submodules. By Aseel Mohammad Alkhalili, Dept. of Math. Jordan Univ. of Science and Technology, 2017.
- Some Certain Properties of Graded Rings By Manar Hamdan, Dept. of Math. Yarmouk Univ. Feb. 2018.
- On generalizations of graded primary submodules. By Ahmad Shhemat, Dept. of Math. Yarmouk Univ. 2018.
- Generalization of graded prime ideals over graded Near rings, By Eman Al-Kilany, Dept. of Math. Jordan Univ. of Science and Technology, Dec. 2018.
- Abd Almoula Sawalha, Generalizations of Graded Prime r-ideals over graded rings, Dept. of Math. Jordan Univ. of Science and Technology, Dec. 2018.
- Some properties of bipolar valued of fuzzy subgroups, Jordan Univ. of Science and Technology, April. 2019.

INSTRUCTIONAL WORKSHOPS:

1. Testing and Evaluation, Jordan University of Science and Technology, 19-20, May 2013
2. Modern University Instructional Methods, Jordan University of Science and Technology, 17-18 September 2013
3. E-learning: Open Educational Resources, Jordan University of Science and Technology, 13-14 September 2015
4. 40-hours training course in the field of : Gifted and Talented, Ministry of Education 18/82001-30-8-2001.
5. Problem-Based Learning : Jordan University of Science and Technology, 6/7/2017 and 13/7/2017.
6. Development of Curriculum & Study plans, 18-19/1/2017
7. Teaching Methods and Strategies Workshop, Jordan University of Science and Technology, 18-19/1/2017.

8. Online Learning Design, Jordan University of Science and Technology, 8-9/1/2018.
9. Basics of Distance Education , Jordan University of Science and Technology 21-23/4/2020

COMPUTER SKILLS:

Obtained the International Computer Driving License UN 02 10 2019, June 2003.

CONFERENCE PARTICIPATION

- 1) International Conference on Applied Analysis and Mathematical Modeling ICAAMM15, June 8-12, 2015, Istanbul-Turkey
- 2) Mathematics of Jirí Matoušek, 23-28th July 2016, Prague, Czech Republic
- 3) The 54th Summer School on General Algebra and Ordered Sets, Sep, 3-9,2016, Hotel Troyer, Trojanovice, Czech Republic.
- 4) 4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference – IFSCOM2017, Mersin, Turkey, 03–07 May, 2017.
- 5) ISCHIA GROUP THEORY 2018, Ischia (Naples, Italy), March, 19th - March, 23rd

Academic scholarships

A scholarship from Charles University to obtain the Ph.D. in Mathematics.

RESERCH INTEREST

My research interests are in the field of Commutative Algebra. Currently, my focus is on graded rings and graded modules.

REVIEW ACTIVITIES: Reviewer for several international journals including the following:

- Jordan Journal of Mathematics and Statistics.
- Journal of Hyperstructures.
- Hacettepe Journal of Mathematics and Statistics
- Annals of Fuzzy Mathematics and Informatics
- Boletim da Sociedade Paranaense de Matemática

EDITORIAL ACTIVITIES

- Area Editor of JOURNAL OF UNIVERSAL MATHEMATICS (ISSN-2618-5660)
- Area Editor of “Scientific Educational Studies” (e-ISSN 2602-4527)

LIST OF PUBLICATIONS:

Google Scholar: <https://scholar.google.com/citations?hl=en&user=DHZQ1GsAAAAJ>

Research Gate: https://www.researchgate.net/profile/Khaldoun_Al-Zoubi

1. Mashhoor Refai and **Khaldoun Al-Zoubi** , On graded primary ideals. **Turkish J. Math.** 28(3) (2004) , 217--229.
2. Mashhoor Refai and **Khaldoun Al-Zoubi**. More Properties on Graded Jacobson Radicals and Graded Spectr , Al-Manara Journal, **Al al-Bayt University**, 12(2)(2006), 169-183.
3. **Khaldoun Al-Zoubi**, Tomáš Kepka and Petr Němec, Quasitrivial semimodules. I. **Acta Univ. Carolin. Math. Phys.** 49 (2008), no. 1, 3--16.
4. **Khaldoun Al-Zoubi**, Tomáš Kepka and Petr Němec, Quasitrivial semimodules. II. **Acta Univ. Carolin. Math. Phys.** 49(1) (2008), 17--24.
5. **Khaldoun Al-Zoubi** Tomáš Kepka and Petr Němec, Quasitrivial semimodules. III. **Acta Univ. Carolin. Math. Phys.** 50(1) (2009), 3--13.
6. Rashid Abu-Dawwas, **Khaldoun Al-Zoubi** and Malik Bataineh , Prime Submodules of Graded Modules, **Proyecciones Journal of Mathematics** 31(4)(2012), 355-361
7. **Khaldoun Al-Zoubi**, On Graded uniformly Primary Submodules, *Int. J. Pure Appl. Math.*, 93(2014). no. 1, 23-29
8. **Khaldoun Al-Zoubi** and Rashid Abu-Dawwas, On Graded Quasi-Prime Ideals, **Int. Journal of Math. Analysis**, 8(27) (2014) , 1305-1311.
9. **Khaldoun Al-Zoubi** and Rashid Abu-Dawwas, on graded 2-absorbing and weakly graded 2-absorbing submodules. **Journal of Mathematical Sciences: Advances and Applications** 28(2014), 45-60

10. Rashid Abu-Dawwas and **Khaldoun Al-Zoubi**, Graded submodules with pseudo irreducible, pseudo prime and strictly non-prime components, *Int. J. Pure Appl. Math* 97(1) (2014), 31-35
11. **Khaldoun Al-Zoubi** and Rashid Abu-Dawwas, On Graded Quasi-Prime Submodules, **Kyungpook Mathematical Journal**, 55(2015), 259-266
12. **Khaldoun Al-Zoubi**, Some properties of graded 2-prime submodules, **Asian-European Journal of Mathematics**, 8(2), (2015) 1550016-1-- 1550016-5
13. **Khaldoun Al-Zoubi**, Malik Jaradat and Rashid Abu-Dawwas, On graded classical prime and graded prime submodules, **Bulletin of the Iranian Mathematical Society**, 41(1) (2015), 217–225.
14. **Khaldoun Al-Zoubi**, Imad Jaradat , Mohammed Al-Dolat , On graded P-compactly packed modules, **Open Mathematics**, 13(2015), 487–492 .
15. **Khaldoun Al-Zoubi**, The graded primary radical of a graded submodules , **An. Stiint. Univ. Al. I. Cuza Iasi. Mat. (N.S.)**, Tomul LXII, 2016, f. 2, vol. 1, 395-402.
16. Mohammed Al-Dolat and **Khaldoun Al-Zoubi**, Numerical Radius Inequalities for Hilbert space operators, **Journal of Mathematical Inequalities**, 10(4), 2016, 1041-1049.
17. **Khaldoun Al-Zoubi** and Mohammed Al-Dolat, On graded classical primary submodules, **Advances in Pure and Applied Mathematics**, 7 (2)(2016); 93–96
18. Mohammed Al-Dolat, **Khaldoun Al-Zoubi**, Mohammed ALi, and Feras Bani-Ahmad, General Numerical Radius Inequalities for matrix of operators, **Open Mathematics**, (14)2016: 109–117
19. **Khaldoun Al-Zoubi**, Nisreen sharafat, On graded 2-absorbing primary and graded weakly 2-absorbing primary ideals, *J. Korean Math. Soc.*, 54(2) (2017) , 675-684.
20. **Khaldoun Al-Zoubi**, Rashid Abu-Dawwas, Ibrahim Al-Ayyoub, Graded semiprime submodules and graded semi-radical of graded submodules in graded modules, **Ricerche di Matematica**, 66(2) (2017), 449-455.
21. **Khaldoun Al-Zoubi** and Amani Al-Qderat, Some properties of graded comultiplication modules, **Open Mathematics**, 2017; 15: 187–192
22. Rashid Abu-Dawwas and **Khaldoun Al-Zoubi**, On Graded Weakly Classical Prime Submodules, **Iranian Journal of Mathematical Sciences and Informatics** Vol. 12, No. 1 (2017), pp 153-161
23. **Khaldoun Al-Zoubi** and B. Rabab'a, Some properties of Graded prime and graded weakly prime submodules, *Far East J. Math. Sci. (FJMS)*,102(8)(2017), 1571 – 1829.
24. I. Jaradat, M. Al-Dolat, **Khaldoun Al-Zoubi**, M. Alquran, Theory and Applications of a More General Form for Fractional Power Series Expansion, **Chaos, Solitons and Fractals** 108 (2018) 107–110.
25. **Khaldoun Al-Zoubi** and Fedaa Qarqaz, An Intersection condition for graded prime submodules in Gr-multiplication modules, **Math. Reports**, 20(3), 2018, 329-336.
26. **Khaldoun Al-Zoubi** and Fedaa Qarqaz, An intersection condition for graded prime ideals, **Bollettino dell'Unione Matematica Italiana**, 11(4) (2018), 483-488.
27. **Khaldoun Al-Zoubi**, R. Abu-Dawwas, and S. Ceken, On graded 2-absorbing and graded weakly 2-absorbing ideals, **Hacettepe Journal of Mathematics and Statistics**, 48 (3) (2019), 724 – 731.

28. R. Abu-Dawwas, A. Mesleh, **Khaldoun Al-Zoubi**, Some Notes on First Strongly Graded Rings, **Miskolc Mathematical Notes**, 18(2) (2017), 547–554.
29. M. Al-Dolat, M. Ali1, I. Jaradat and **Khaldoun Al-Zoubi**, On the boundedness of a certain class of maximal functions on product spaces and extrapolation, **Anal. Math. Phys.**, (2019) 9:453–464
30. **Khaldoun Al-Zoubi** and M. Al-Azaizeh, On graded classical 2-absorbing submodules of graded modules over graded commutative rings, **Rend. Istit. Mat. Univ. Trieste**, 50 (2018), 37–46.
31. **Khaldoun Al-Zoubi** and F. AL-Turman . On Graded weakly classical primary submodules, **Proceedings of the Jangjeon mathematical society**, 21 (3) (2018), 405 – 412.
32. **Khaldoun Al-Zoubi** and Malik Jaradat, The Zariski Topology on the graded classical prime spectrum of a graded module over a graded commutative ring, **Matematički Vesnik**, 70 (4), (2018), 303–313.
33. **Khaldoun Al-Zoubi** and Malik Jaradat, On the graded classical prime spectrum of a graded module, **Proyecciones Journal of Mathematics**, 37 (3), 2018, 519-533.
34. **Khaldoun Al-Zoubi**, Ibrahim Al-Ayyoub, M. Al-Dolat, On graded 2-absorbing compactly packed modules, **Advanced Studies in Contemporary Mathematics**, 28(3) (2018), 479-486.
35. **Khaldoun Al-Zoubi** and M. Al-Azaizeh , Some properties of graded 2-absorbing and graded weakly 2-absorbing submodules, **J. Nonlinear Sci. Appl.**, 12 (8)(2019), 503–508.
36. **Khaldoun Al-Zoubi** and Jan Paseka On Graded Coprimely Packed Modules, **Adv. Stud. Contemp. Math. (Kyungshang)**, 29 (2019), No. 2, pp. 271 – 279
37. **Khaldoun Al-Zoubi**, F. AL-TURMAN and Ece Yetkin Celikel, Gr-n-ideals in graded commutative rings, **Acta Univ. Sapientiae, Mathematica**, 11, 1 (2019) 18–28.
38. **Khaldoun Al-Zoubi** and M. Al-Azaizeh ,On graded weakly 2-absorbing primary submodules, **Vietnam Journal of Mathematics**, (2019) 47(2): 297–307.
39. Ibrahim Al-Ayyoub, Imad Jaradat and **Khaldoun Al Zoubi**, On the normality of a class of monomial ideals via the Newton Polyhedron., **Mediterr. J. Math.** 16(3), 1–16 (2019)
40. **Khaldoun Al-Zoubi** and F. AL-Turman . On graded 2-classical prime submodules of graded modules over graded commutative rings, **Proyecciones Journal of Mathematics**, 38 (4) (2019), 781-790.
41. **Khaldoun Al-Zoubi**, and Malik Jaradat, The Zariski topology on the graded primary spectrum over graded commutative rings, Tatra Mountains Mathematical Publications, **Tatra Mt. Math. Pub** 74 (2019), 7–16
42. **Khaldoun Al-Zoubi**, S. Alghueiri and Ece Yetkin Celikel, Gr-(2,n)-ideals in graded commutative rings , **Commentationes Mathematicae Universitatis Carolinae**, 61,2 (2020) 129-138.
43. Ibrahim Al-Ayyoub, M. Jaradat and **Khaldoun Al Zoubi**, A Note on the ascending Chain Condition of Ideals, **Journal of Algebra and its applications**, 19 (7) (2020), 2050135.
44. S. Alghueiri and **Khaldoun Al-Zoubi** , On graded 2-absorbing I_e -prime submodules of graded modules over graded commutative rings, **AIMS Mathematics**, 5(6) (2020), 7623–7630.
45. **Khaldoun Al-Zoubi** and R. Alkhalaf, On Graded Quasi-primary Submodules of Graded Modules Over Graded Commutative Rings, **Bol. Soc. Paran. Mat.**, 39 (4) (2021): 57–64.

46. **Khaldoun Al-Zoubi**, On the Graded Primal Avoidance Theorem, **Iranian Journal of Mathematical Sciences and Informatics**, Vol. 16, No. 2 (2021), pp 117-124.
47. **Khaldoun Al-Zoubi** and, S. Alghueiri On graded J_{gr} -semiprime submodules, *Italian Journal of Pure and Applied Mathematics*, , **46-2021 (361-369)**
48. **KHALDOUN AL-ZOUBI AND MARIAM AL-AZAIZEH** , ON GRADED 2-ABSORBING SECOND SUBMODULES OF GRADED **MODULES** OVER GRADED COMMUTATIVE RINGS , **Kragujevac Journal of Mathematics**, **48(1) (2024), Pages 55-66.**
49. **Khaldoun Al-Zoubi** and M Al-Dolat ,On graded primary-like submodules of graded modules over graded commutative rings, *Proyecciones*, **40(4)(2021), 859-871.** arXiv preprint , <http://arxiv.org/abs/2008.06889>.
50. **Khaldoun Al-Zoubi** and S Al-Kaseasbeh , On graded A-2-absorbing submodules of graded modules over graded commutative rings, arXiv preprint, <https://arxiv.org/abs/2008.06886>
51. Shatha Alghueiri and **Khaldoun Al-Zoubi**, Some properties of graded generalized 2-absorbing submodules, arXiv preprint. <http://arxiv.org/abs/2012.13606>
52. Shatha Alghueiri, **Khaldoun Al-Zoubi** . On graded Ie-prime submodules of graded modules over graded commutative rings,. *Publications de l'Institut Mathématique*, **110(124) (2021), 47-55**
<https://arxiv.org/abs/2101.09549> <https://arxiv.org/abs/2101.09549v1>
53. **Khaldoun Al-Zoubi** and Shatha Alghueiri, On graded quasi-semiprime submodules of graded modules over graded commutative rings, <http://arxiv.org/abs/2101.12572>
54. **Khaldoun Al-Zoubi**, Mariam Al-Azaizeh, On Graded classical 2-absorbing second submodules of graded modules over graded commutative rings, <https://arxiv.org/abs/2102.03730>
55. Alghueiri, S., Al-Zoubi, K. On graded I_e -primary submodules of graded modules over graded commutative rings. *São Paulo J. Math. Sci.* (2021)
<https://doi.org/10.1007/s40863-021-00230-7>
56. K. Al-Zoubi and Alghueiri, S., , On graded J_{gr} -classical prime submodules , **Algebraic Structures and Their Applications** Vol. 8 No. 2 (2021), pp 195-201.
- 57.
58. **K. Al-Zoubi and Alghueiri, S.,** On graded J_{gr} -classical 2-absorbing submodules of graded modules over graded commutative rings, **Demonstratio Mathematica ,2021; 54: 162-167**
59. **K. Al-Zoubi and S. Alghueiri,** On graded J_{gr} -2-absorbing and graded weakly J_{gr} -2-absorbing submodules of graded modules over graded commutative rings, *International Journal of Mathematics and Computer Science*, **16(2021), no. 4, 1169-1178.**
60. K. Al-Zoubi1 and Mariam Al-Azaizeh , ON GRADED S-PRIME SUBMODULES OF GRADED MODULES OVER GRADED COMMUTATIVE RINGS, *Advances in Mathematics: Scientific Journal* **10 (2021), no.11, 3479-3489.**

61. Malik Jaradat, **Khaldoun Al-Zoubi**, The Quasi-Zariski topology on the graded quasi-primary spectrum of a graded module over a graded commutative ring, <http://arxiv.org/abs/2106.09519>
62. Saif Salam, Khaldoun Al-Zoubi, The Zariski topology on the graded primary spectrum of a graded module over a graded commutative ring, <http://arxiv.org/abs/2109.10113>
63. K. Al-Zoubi and S. Alghueiri, On A generalization of graded 2-absorbing submodules, MATHEMATICA, (accepted)

,

RESERCH SUBMITTED AND PREPARATION:

1. Graded classical 2-absorbing second submodules
2. Graded J-gr classical prime submodules
3. Graded quasi-semiprime submodules
4. Graded WAG2-absorbing submodule

REFERENCES:

Tomáš Kepka, Professor

Department of Algebra, Charles University Faculty of Mathematics and Physics, Ke
Karlovu 3, 121 16 Praha

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Mashhoor Al-Refai, Professor

president for Princess Sumaya University for Technology, Amman, Jordan

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Qutaibeh Khatatbeh, Professor

*Department of Mathematics and Statistics, Faculty of Science, Jordan University
of Science and Technology, Irbid, 22110, JORDAN*

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Mohammed Y. Ali, Professor

*Department of Mathematics and Statistics, Faculty of Science, Jordan University of
Science and Technology, Irbid, 22110, JORDAN*

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