Ayman Badawi Publication and Conference Presentation

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(3) Fax: 971-6-515-2950
(4) Birth date: 2/14/1963
(5) Status: Married To Rawya Abuhijleh and I have two children (Nadeem (17 years old) and Raneem (11 years old))

1. *Research Interest*

   (ALGEBRA) Commutative Ring Theory : Multiplicative Ideal Theory. My most work is devoted to phi--Commutative Rings: a class of commutative rings that I defined and it contains the class of integral domains. My work focuses on : phi-Valuation domains (phi-Chained rings), phi-Pseudo-Valuation rings, phi-Integral Closure of rings, phi-Noetherian rings, phi-Prufer rings, phi-Dedekind rings, and phi-Krull rings. Other interests include : n-Absorbing Ideals (a concept that I defined and it is a generalization of the concept of prime ideals), Finite Fields, Zero-Divisor Graphs, Total Graphs, Graphs associated to a commutative rings in general, and π-Regular rings.

2. *Honors and Grants*

(1)   I received   the CAS-Award for Excellence in Research for the Academic year 2014-2015.
(2)   I received Travel Grant. AED 8,500.00   by University of Granada , Spain. October 2014.
(3) I received Travel Grant (only housing and meals). AED 6,000.00. by University of Tenessee, Knoxville, USA. November 2013.
(4) I received the CAS-Award for Excellence in Teaching for the year 2012-2013 (at the AUS).
(5) I am currently an honorary member of the Middle East Center of Algebra and its Applications 2010-2015 at King Abdulaziz University, Jeddah.
(6) Pew Fellowship at the Univ. of Kentucky, Lexington, KY, U. S. A., in the summer of 94 where I visited Professor Paul Eakin.
(7)   Ashrawi Scholarship at Vrije University, Amsterdam, Holland in October of 97.
(8)   Visiting Scholar (98-99) at the Univ. of Tennessee, Knoxville, U. S. A.
(9) A research visitor at the Univ. of Roma I, in November of 2002.
(10)   A research visitor at the Univ. of Tennessee, Knoxville, (Feb., 17, 2003- l March, 17, 2003.)

5. *Professional Activities & Committees*

(1)   Editor in Chief for the first Palestinian Journal : Palestine Journal of Mathematics
   http://pjm.ppu.edu/index.php

(2)   Serving on the editorial board of the Journal: Analele Stiintifce ale Universitatii Ovidius Constanta: http://www.anstuocmath.ro/editorial-board

(3)   Serving on the editorial board for Journal of Interdisciplinary Mathematics:
    http://www.tarupublications.com/journals/jim/editorial-board.htm
(4)   Guest Editor for two issues for the Arabian Journal for Science and Engineering
    published by Springer (2012). Two issues were devoted for the two special sessions on
    Algebra that I organized during our first conference ICMS- 2010. See the two links:
        http://link.springer.com/journal/40065/1/1/page/1   and
        http://link.springer.com/journal/13369/36/6/page/1

(5)   Guest Editor for International Journal of Mathematics and Mathematic Sciences
    (IJMMS).
(6)   AUS-ICMS 15/ Active organizer in our second Math Conference/ Two Special Sessions
    in Algebra were organized/ Being the Editor in Chief of The Palestinian J. Math, a
    special Issue of the Journal dedicated to the Conference is published:
    http://pjm.ppu.edu/vol/2015/spec-1

(7)   Reviewer for the American Math. Reviews.

Referee   for   the   the   following Journals:

Journal of Pure an Applied Algebra; Journal of Algebra and Its application; Canadian Math
Bulletin; Communications in Algebra ; Houston Journal of Mathematics; Rocky Mountain
Journal of Mathematics ; Linear Algebra and Its Applications ; Discrete Mathematics;
Tamkang Journal of Mathematics; Korean Mathematical Society (JKMS);   Beiträge zur
Algebra und Geometrie / Contributions to Algebra and Geometry; Algorithms and
Applications (DMAA); Algebra Colloquium; Matematicki Vesnik; Acta Mathematica
Academiae Paedagogicae Nyiregyhaziensis (AMAPN) ; Kyungpook Mathematical Journal ;
International Journal of Mathematics and Mathematic Sciences (IJMMS); Acharya Nagarjuna
International Journal of Mathematics & Information Technology; Arabian Journal for Science
and Engineering; International Electric Journal of Algebra; Indian Journal of Mathematics
(IJM); Indian Journal of Pure and Applied Mathematics; Bulletin of the Allahabad Society
(BAMS); Proc. Pakistan Acad. Sci; Algebra and Game Theory Journal; Novi. Sad Journal of
Mathematics; Jordan Journal of Mathematics and statistics (JJMS); Proc. Malaysian Math.
Society; Abstract and Applied Analysis; International Journal of Combinatorics ; Journal of
combinatorial mathematics and combinatorial computing; Hacettepe Journal of Mathematics
and Statistics; Advanced Studies in Contemporary Mathematics (Kyungshang); Filomat;
Mathematica Slovaca; Marcel-Dekker (now Francis and Taylor) Conferences-Proceedings
series: Lecture notes in pure and applied mathematics.

Graduate Student

2014-2016 (Master Thesis, AUS, Supervisor):   Mohammad Abdullah, " On The Unit Dot
Product Graph Of A Commutative Ring.."

2015-2016:   External Examiner for a Ph.D thesis (Litegebe Wondie), Addis Ababa Univ,
Ethiopia

2015-2016: External Examiner for a master thesis (Wahdan ABu Ziadah), UAE-University,
Alain, UAE.

Undergraduate research projects at Birzeit University.

a) Perfect Polynomials over Z_p .
(b) Partition Zn into disjoint multiplicative groups.
(c) Embedding an integer m as the identity of a multiplicative group module n.
(d) Von-Neumann Regular Rings.
(e) Some basic properties of Zn.
(f) On radical ideals of a commutative ring.
(g) On Primary ideals.
(h) Fundamental Theorem on finite abelian group.
(i) Vector Spaces over Z and over R/M.
(j) Solow's Theorems with Applications.
(k) On the Characteristic and minimal polynomials of Matrices.
(l) Using nullity to check the solution for a Matrix.
(m) On Quotient Rings.
(n) Perfect Polynomials over finite fields.
(o) Non-Euclidian Geometries: Hyperbolic Geometries.

Undergraduate research project at the American University of Sharjah

(1)   Hossam Shoman: On partitioning of positive Integers.

(2) AlaEddin Douba: On multiplicative groups module n with identity different from one.

Publications

(1) A. Badawi, On weakly semi-prime ideals of commutative rings, to appear in Beitr. Algebra Geom. DOI: DOI 10.1007/s13366-016-0283-9.

(2) A. Badawi and D. F. Anderson, on (m, n)-closed ideals of commutative rings, to appear in J. Algebra Appl.   DOI: 10.1142/S021949881750013X.

(3) A. Badawi, U. Tekir, E. Ugurlu, G. Ulucak, and E. Yetkin, Generalizations of 2-absorbing primary ideals of commutative rings, Turkish J. Math. 40 (2016), 703 – 717. doi:10.3906/mat-1505-43

(4) A. Badawi, "On dot-product graph of a commutative ring," Communications in Algebra 43, no. 1 (2015): 43-50. doi: 10.1080/00927872.2014.897188.

(5) A. Badawi,   Unsal Tekir, and Ece Yetkin. "ON WEAKLY 2-ABSORBING PRIMARY IDEALS OF COMMUTATIVE RINGS." Korean Mathematical Society 52, no. 1 (2015): 97–111. doi: 10.4134/JKMS.2015.52.1.097.

(6) A. Badawi, Unsal Tekir, and Ece Yeikin. "ON 2-ABSORBING PRIMARY IDEALS IN COMMUTATIVE RINGS." Bulletin of the Korean Mathematical Society, 51, no. 4

(2014): 1163-1173. doi: 10.4134/BKMS.2014.51.4.1163.

(7) A. Badawi, "On the Total Graph of a Ring and Its Related Graphs: A Survey."
In Commutative Algebra: Recent Advances in Commutative Rings, Integer-Valued
Polynomials, and Polynomial Functions, DOI 10.1007/978-1-4939-0925-4__3, edited by
M. Fontana et al. (eds.),, 39-54. New York: Springer Science + Business Media, 2014.

(8) A. Badawi. "Matrix Algebra, Basics of." In Encyclopedia of Social Network Analysis and
Mining, edited by Alhajj, Reda, Rokne, Jon (Eds.), 9 pages. New York: Springer, 2014.

(9) A. Badawi, "On the annihilator graph of a commutative ring,"   Comm. Algebra,
Vol.(42)(1), 108-121   (2014),   DOI: 10.1080/00927872.2012.707262

(10)   A. Badawi and D. F. Anderson, "The generalized total graph of a commutative ring,"
Journal of Algebra and Its Applications (JAA), .Vol. 12, No. 5 (2013). DOI:
10.1142/S021949881250212X   .

(11)   A. Badawi and Ahmad Yousef Darani,   On weakly 2-absorbing ideals of
commutative rings,   Houston Journal of Mathematics,   Vol. 39(2), 441-452 (2013).

(12)   A. Badawi   and   D. F. Anderson,   On the total graph of a commutative ring
without the zero element, Journal of Algebra and its applications (JAA) 11(4), (2012).

(13)   A. Badawi, A Characterization of normal subgroups via n-closed sets (suitable for
under-graduate Math. Students), Adv. Studies Contemp. Math. 22(2), 233-237 (2012).

(14)   A. Badawi and D. F. Anderson, Von Neumann Regular and Related Elements in
Commutative Rings, Algebra Colloquium 19, 1017-1040 (2012).

(15)   A.   Badawi and D. F. Anderson, "The generalized total graph of a commutative
ring," Journal of Algebra and Its Applications (JAA), .Vol. 12, No. 5 (2013). DOI:
10.1142/S021949881250212X

(16)   A. Badawi, "On phi- rings with divided nil ideal", Chapter in the book : Commutative
Algebra And Its Applications, 21-40(2009), Walter De Gruyter, Germany, ISBN
978-3-11-020746-0

(17)   A. Badawi, D. F. Anderson, D. E. Dobbs and J. Shapiro, "Divisibility properties in
ultra-powers of commutative ring", Chapter in the book : Commutative Algebra And Its
Applications, 9-19(2009), Walter De Gruyter, Germany, ISBN 978-3-11-020746-0

(18)   A. Badawi and D.F. Anderson, " The total graph of a commutative ring," J. Algebra
320 (2008), 2706-2719.

(19)   A. Badawi and A. Jaballah, " Some finiteness conditions on the set of overrings of a
φ-ring," Houston J. Math. 34(2) (2008), 397-407.

(20)   A. Badawi and D.F. Anderson, "On the zero-divisor graph of a ring," Comm. Algebra 36(2008), 3073-3092.

(21)   A. Badawi, " On 2-absorbing ideals of commutative rings," Bull. Austral. Math. Soc. 75(2007), 417-429.

(22)   A. Badawi, " On Pseudo-almost valuation domains," Comm. Algebra 35(2007), 11671181.

(23)   A. Badawi and Thomas Lucas, "on φ-Mori rings," Houston J. Math.32(2006), 1-31.

(24)   A. Badawi and D. E. Dobbs, " Strong ring extensions and φ-pseudo-valuation rings," Houston J. Math.32(2006), 379-398.

(25)   A. Badawi, "Factoring nonnil ideals as a product of prime and invertible ideals," Bulletin of the London Math. Society 37(2005), 665-672.

(26)   A. Badawi and D. F. Anderson, " on φ-Dedekind rings and φ-Krull rings," Houston J. Math.31(2005), 1007-1022.

(27)   A. Badawi and D. F. Anderson,"On φ-Prufer rings and φ-Bezout rings," Houston J. Math. 30(2004), 331-343.

(28)   A. Badawi, "A Characterization of valuation domains via m-canonical ideals," Comm. Algebra 32(2004), 4363-4374.

(29)   A. Badawi, " On nonnil-Noetherian rings," Comm. Algebra 31(2003), 1669-1677.

(30)   A. Badawi and D. F. Anderson, " Divisibility conditions in commutative rings with zero-divisors," Comm. Algebra 38(2002), 4031-4047.

(31)   A. Badawi and E. Houston," Powerful ideals, strongly primary ideals, almost pseudo-valuation domains, and conducive domains," Comm. Algebra 30(2002), 1591-1606.

(32)   A. Badawi, A. Y. M. Chin, and H. V. Chen, " On rings with near idempotent elements," International J. of Pure and Applied Mathematics, 1(2002), 255-261

(33)   A. Badawi, "On Divided rings and φ-pseudo-valuation rings," International J. Comm. Rings (IJCR), Vol. 1(2002), 51-60.

(34)   A. Badawi and D. F. Anderson," On root closure in commutative rings," Arabian J. of Science and Engineering (Arabian J. Sci. Eng), Vol. 26, 1C(2001), 17-30.

(35)   A. Badawi and David E. Dobbs, " On Locally divided rings and going down rings," Comm. Algebra. 29(2001), 2805-2825.

(36)   A. Badawi, " On φ-chained rings and φ-pseudo-valuation rings," Houston J. Math 27(2001), 725-736.

(37)   A. Badawi, "On φ-pseudo-valuation rings, II," Houston J. Math. 26(2000), 473-480.

(38)   A. Badawi," Remarks on pseudo-valuation rings", Comm. Algebra 28(2000), 2343-2358.

(39)   A. Badawi, "On Chained overrings of pseudo-valuation rings," Comm. Algebra 28(2000), 2359-2366.

(40)   A. Badawi and D. F. Anderson and D. E. Dobbs "Pseudo-valuation rings II," Boll. Un. Mat. Ital. B(8)3(2000), 535-545.

(41)   A. Badawi," On divided commutative rings," Comm. Algebra 27(1999), 1465-1474.

(42)   A. Badawi," On comparability of ideals of commutative rings," Comm. Algebra 26(1998), 793-802.

(43)   A. Badawi, " On Abelian π-regular rings," Comm. Algebra 25(1997), 1009-1021.

(44)   A. Badawi," On domains which have prime ideals that are linearly ordered," Comm. Algebra 23(1995), 4365-4373.

(45)   A. Badawi, " On semicommutative π-regular rings," Comm. Algebra 22(1994), 151-157.

(46)   A. Badawi, Rn contains a division ring iff R does," Amer. Math. Monthly, 100(1994),679-680.

(47)   A. Badawi, " A Counter example for a question on pseudo-valuation rings," Abelian Groups, Rings, Modules, and Homological Algebra, Chapman & Hall/CRC, Vol. 249 (2006), 23-27.

(48)   A. Badawi and Thomas Lucas, "Rings with prime nilradical," Arithmetical Properties of Commutative Rings and Monoids, Chapman & Hall/CRC, Vol. 241(2005), 198–212.

(49)   A. Badawi, " On the complete integral closure of rings that admit a φ-strongly prime ideal," Lecture Notes Pure Appl. Math. Vol. 231(2002), 15-22. Marcel Dekker, New York/Basel.

(50)   A. Badawi, "Pseudo-valuation domains: A Survey," Proceedings of the Third Palestinian International Conference on Mathematics, 38-59(2002), Word Scientific Publishing Co., New York/London

(51)   A. Badawi, " On φ-pseudo-valuation rings," Advances in commutative ring theory, Lecture Notes Pure Appl. Math. Vol.205(1999), 101-110, Marcel Dekker, New York/Basel.

(52)   A. Badawi, " A visit to valuation and pseudo-valuation domains," Lecture Notes Pure Appl. Math. Vol. 185(1995), 57-69, Marcel Dekker, New York/Basel.

(53)   A. Badawi and D. E. Dobbs, " Some examples of locally divided rings," Lecture Notes Pure Appl. Math., Vol. 220(2001), 73-83. Marcel Dekker, New York/Basel.

(54)   A. Badawi and D. F. Anderson, " Conditions equivalent to seminormality in certain classes of commutative rings," Lecture Notes Pure Appl. Math., Vol. 220(2001), 49-59,

Marcel Dekker, New York/Basel.

(55)   A. Badawi and D. F. Anderson and D. E. Dobbs, " Pseudo-valuation rings," Lecture Notes Pure Appl. Math. Vol. 185(1997), 57-67,   Marcel Dekker, New York/Basel.

Books

(1) A. Badawi," Abstract Algebra Manual: Problems and Solutions," published by Nova Science, 2nd Edition (New York) (2004), ISBN 1-59033-924-X.

(2) A. Badawi, "Focus on Commutative Rings Research," Nova Science, New York, U. S. A. (2006), ISBN 1-60021-065-1.

Conferences and research papers presented

(1) Invited speaker to the 4th Seminar of Algebra, Ardabil, Iran, August 9-11, 2016

(2) Invited speaker to the The 5th Palestinian Conference on Math&Physics, AAU, Jenin, West Bank, Palestine, July 31-August 2, 2016.

(3) Invited speaker to the conference on Rings and Polynomials, Graz, Austria, July 3-8, 2016.

(4) Invited speaker to the Commutative Algebra Conference Bressanonne Brixen, Italy. June 12-15, 2016.

(5) Invited speaker (keynote speaker) to the 5th CARG-Workshop (Commutative Algebra Workshop), King Fahd University of Petroleum and Minerals, Saudi Arabia, April 25, 2016

(6) A twenty-minute talk at   5th International Math Conference, UAE-University, Al-Ain, UAE, March 12-24, 2016.

(7) Contribution Talk at   the 14th UAE-Math day Conference, NEW YORK UNIV, Abu Dhabi, UAE. March 12, 2016.

(8) Invited speaker to the conference: "New Pathways between Group Theory and Model Theory – A conference in memory of Rüdiger Göbel", Wolfsburg Academy in Mulheim an der Ruhr, Germany, Feb. 1-5, 2016

(9) Invited speaker to 24th International Conference - FIM 2015 Barcelona Forum for Interdisciplinary Mathematics (FIM), Barcelona, Spain, Nov 18-20:, 2015

(10)   Invited Speaker of the   24th International conference on Nearrings, Nearfields and Related Topics,   July 5-12, 2015, Manipal Institute of Technology, Manipal University, Manipal, Karnataka, India

(11) I chaired an Algebra session and I presented a talk in the 28th International Conference of The Jangjeon Mathematical Society   15-19 May 2015, Antalya, Turkey.

(12) Keynote speaker, Commutative Algebra Workshop, April 27, 2015, at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia

(13) Invited speaker,   I delivered two lectures, First International Workshop on Algebra organized by Roger and Sylvia Wiegand , Kathmandu, Nepal April, 19-24, 2015

(14) I chaired the Algebra Session of the UAE-Math-Day and I presented a talk, Sarboone Univ, Abu Dhabi, March 2015

(15) Keynote speaker, The 1st Combinatorics and Graph Theory Conference , Jan. 29-31, 2015, Shanghai, China Shanghai, China, http://www.scirp.org/Conference/ConferenceSpeakers.aspx?ConferenceID=72

(16) Invited speaker, Granada Univ. (Spain), visiting Professors Pascal Jara and Pedro Garcia , I delivered two talks: : Oct 4-10, 2014,

(17) Invited speaker, Arithmetic and Ideal Theory of Rings and Semigroups Conference, Glaz, Austria, Sept. 22-26, 2014.

(18) Invited speaker, The 4th Palestinian Conference on Math & Phys, Al-Quds University, Palestine August 11-13, 2014.

(19) Invited speaker, International Conference on Algebra & Number Theory, Samsun, Turkey, August 5-8, 2014.

(20) Invited speaker, Algebraic Structures and Their Applications, SPINETO (SIENA), ITALY June 15-18, 2014

(21) Invited speaker, Cimpa School on Algebra, Galatasaray Univ, Istanbul, Turkey June 2-13, 2014.

(22) Keynote speaker, International Workshop on Algebra & Applications, Fes, Morocco, June 18-21 2014

(23) Keynote speaker, International Arab Conference on Mathematics and Computations, April 22-24, 2014, Zarqa University, Jordan http://www.ayman-badawi.com/Zarqa%20%20Conference_program.pdf

(24) Keynote speaker,   UAE-Math Day at the American Univ in Dubai, April 20, 2014 , http://www.aud.edu/conferences/UAEMathDay2014/speakers.asp

(25) Invited speaker,   AMS (American Math Society) special session on Commutative Rings, March 21-23, 2014, Knoxville, TN, USA

(26) Keynote speaker, two lectures (each 45 minutes), Workshop on Algebraic Graph theory, Jan 22-24, 2014,   Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India.

(27) Invited (30-minute talk), 3rd International Conference on Math & Information Science, Luxor, Egypt, Dec 28-30, 2013.

(28) Contributed-talk (20 minutes),   International Conference on Algebra in Honor of Patrick Smith and   John Clark 70th birthdays,   August 12-15, 2013.   Balikesir – TURKEY.

(29)   Invited speaker (30 minutes),   International Conference on Rings, Near-rings and Radicals**,** July 7-13, 2013, Bloemfontein, South Africa.

(30)   Invited speaker (20 minutes), First International Western Balkans Conference   On Math. , May30-June 1, 2013, Elbasan,   Albania.

(31)   Invited Speaker (50 minutes) for the Algebra and Topology Workshop, Tunis, Jan. 30-Jan 31, (2013)

(32)   30-minute invited speaker for the International Conference on Integer-valued Polynomials and Commutative Rings, Graz, Austria, Dec-16 to Dec-18, (2013).

(33)   Key-note Speaker (50 minutes) for the Algebra Workshop, Ardabil, Iran, August 30-sept 1,   (2012).

(34)   Invited 20-minutes talk for the International Congress in Honor of Professor H. M. Srivastava, Uludag University, Bursa, Turkey, August 23-26 (2012).

(35)   Contributing 20-minutes talk for Palestine Conference on Math. AND Physics, Hebron,   Palestine , July 16-20 (2012).

(36)   Invited 30-Minutes Speaker for the conference on Commutative Rings and their Modules, Bressanone/Brixen, Italy, June 4-8 (2012).

(37)   Key-note Speaker (50 minutes) for the Algebra Workshop, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, April 28, (2012).

(38)   Contributing 15-minutes talk, UAE-Math Day, April 12, (2012).

(39)   Marco Fontana and I organized a special session on Commutative Rings and Modules for the Fourth International Conference on Mathematical Sciences-ICM2012 in Al-Ain, UAE, March 11-14, (2012). I also presented a talk in that session.

(40)   Key-note speaker (40 minutes) for the CCSCM2012, February 9-10, Melaka, Malaysia (2012).

(41)   Invited 20-minutes speaker for the International Conference on the Theory of Radicals, Rings and Modules,   Muscat, Oman, Jan. 20-Jan. 26 (2012).

(42)   Invited 20-minutes speaker for the special session on Rings and Radicals, Joint Congress of the South African and American Mathematical Societies Mathematics for Tomorrow, Port-Elizabeth, South Africa, Nov. 29 - Dec. 3, (2011).

(43)   Invited 20-minutes speaker for the 2nd International Conference on Mathematics AND Information Science, Sohag, Egypt, Sept. 10-13, (2011).

(44)   Invited 20-minutes speaker(I gave two talks a total of 40 minutes), The 24th International Congress of the Jangjeon Mathematical Society, Konya-Turkey, July 20th to 23rd, (2011).

(45)   Invited 20 minutes speaker, AMS-Special Session on Commutative Rings, University of Iowa, USA, March 18-March 20, 2011.

(46) Invited 30 minutes speaker, ICMS 2010, Bolu, Turkey, Nov 23-Nov 27, 2010 .

(47) Invited 30 minutes speaker, Third International Conference on Integer Valued Polynomials and Unsolved Problems in Commutative Algebra," Marseille, France, Nov 28-Dec 3, 2010 .

(48) Twenty-minutes speaker for the Algebra Conference (ICA 2010) which dedicated for the 70th Birthday of Prof. Shum Kar-Ping at The Faculty of Mathematics and Natural Sciences Gadjah Mada University, Yogyakarta, Indonesia 7-10 October 2010.

(49) Twenty-minutes speaker for the Math&Physics Conference, Nablus, West Bank, Palestine, Najah Univ August 2-August 4, 2010

(50) Twenty-minutes speaker for the Algebra Conference Brasilia (Brazil) July 25-July30, 2010

(51) Invited Speaker for the Commutative Algebra Conference Rome (Italy) May 19-May21, 2010

(52) Twenty-minutes speaker for the Math Conference Kuala Lumpur, Malysia, October 2009

(53) Invited speaker (40 minutes) For the Commutative Algebra Conference, June 15-June 21, 2009. In Honour of 60th birthday of David F. Anderson, GyouengJu, South Korea.

(54) Invited speaker 20 minutes, Special Session on Commutative Algebra, AMS-Annual meeting, Washington DC, Jan4-Jan 8, 2009.

(55) Invited speaker and organizer of the special session on Commutative Algebra, Univ. of Delhi, India, Dec 18-Dec 20, 2008.

(56) Invited speaker 30 minutes, Algebra Workshp, Sultan Qaboos University, Muscat, Oman Dec 14 2008.

(57) Thirty-minutes invited speaker at the Algebra Conference, Fes-2008, Ifran, Morocco.

(58) Fifteen-minute speaker at the UAE-Math-Day, April 2007, "On the total graph of a commutative ring."

(59) Forty-minutes invited Speaker at the Math Conference in Bangkok, Thailand , March 2008, "On the total graph of a commutative ring."

(60) Forty -minutes invited speaker at the MATH Conference in Cairo November 2007, "Psudoalmost valuation domains."

(61) Fifty-Minutes invited speaker at the IPM (Institute for theoretical studies in Mathematics and Physics), Iran (November 2007), "On the total graph and zero-graph of Commutative Rings."

(62) Twenty-minutes invited speaker for the Algebra Conference at the Univ. of

Connecticut, USA(June, 2007), " The total graph of commutative rings."

(63) Fifteen- minute speaker for the UAE-Math day, Eitisalat College, " Zero-divisor graphs(Recent results)," 2007.

(64) Fifteen- minute speaker in a Math conference in Malaysia, " Girth and Parameter of zero-divisor graph," March, 2007

(65) A Plenary speaker(50 minutes) at Qaboos Univ. (oman), " Zero-divisor graph of a commutative ring," Algebra workshop, Dec. 2006

(66) Twenty-minute invited speaker at Algebra Workshop in Cortona, Italy, June 2006, "A General Theory for Prufer Domains."

(67) A plenary speaker (50 minutes) in Algebra Workshop in March of 2006 at KFUPM (Saudi Arabia), " On phi-commutative rings."

(68) Twenty-minute speaker in the Algebra Session at the UAE-MATH-DAY (Univ. of Sharjah), "Commutative rings with finitely many non-nilpotent atom", 2006.

(69) Twenty-minute invited speaker at Algebra Conference in Cairo (Egypt), March, 2006, " Anderson-Mott Commutative rings."

(70) Invited Speaker for the American Math. Society Special Session on Commutative Rings, In OCTOBER 2005, "Some finiteness conditions on the set of overring of phi-rings."

(71) Invited Speaker for the American Math. Society Special Session on Commutative Rings, In Jan., 2006, " Anderson-Mott Commutative Rings."

(72) A plenary speaker (50 minutes) in Algebra Workshop in November of 2005 at Qaboos Univ. (Oman) , "On nonnil rings."

(73) Invited Speaker, "On 2-absorbing ideals of commutative rings," Cortona, Italy (June, 2004).

(74) A characterization of valuation domains via m-canonical ideals," presented in the AMS-Special Session on Commutative Rings in Baton Rouge, Louisiana, U. S. A., March 14 till March 17.

(75) " On Nonnil Noetherian Rings," presented at the commutative ring conference in Venice, Italy, during the month of June, 2002.

(76) "On the complete integral closure of φ-pseudo-valuation rings," at Fez, Morocco, the fourth international conference on commutative rings.

(77) "φ-chained rings and φ-pseudo-valuation rings," at Colloque, Deuxieme recontre internationale sur les polynomes a valeurs, au CIRM, Luminy, France, from May, 29, 2000 till June ,3, 2000.

(78) Root closure in rings," Special session on Commutative Rings, AMS-Meeting,

Charlotte, North Carolina, U. S. A., Abstract of the American Math. Society, Vol. 20(1999), P. 23.

(79) "Powerful ideals in integral domains," Special session on Commutative Rings, AMS-Meeting, Winston-Salem, North Carolina, U. S. A., Abstract of the American Math. Society, Vol. 19(1998), P. 447.

(80) "On Pseudo-valuation rings," Abstract of the   AMS, Vol. 18(1997), P. 68

(81) "On Abelian pi-regular rings," Abstract of the American Math. Society, Vol. 15 (1995), P. 63.

(82) "On semicommutative rings," Abstract of the American Math. Society, Vol. 15 (1993),

(83) More on the perfection of polynomials over   GF(q),   Abstract of the American Society, Vol. 19 (1988), P. 173.