

C.V.

Personal Information:

Name	Emad Ahmed Mohammed Abu Osba
Place and date of birth	Kuwait – 1966
Social status	Married
Postal address	Amman- Almanarah Tel: 064731519 0775612482
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Qualifications:

1996 – 1999	Ph. D in mathematics (commutative algebra) University of Jordan
1991 – 1992	Master degree in mathematics, University of Jordan
1984 – 1989	Bs. in mathematics, Kuwait University
1984	High school, Kuwait

Experience:

2010 – 2011	Sabbatical leave to University of Petra
18/9/2009 – now	Associate professor B, Math. Depart. University of Jordan
2008 – 2009	Assistant Professor A, Math. Depart. University of Jordan
2004 – 2008	Assistant Professor B, Math. Depart. University of Jordan
1999 – 2004	Assistant Professor, Math. Depart. University of Petra
1996 – 1999	Lecturer, Educational sciences college, UNRWA
1993 – 1996	Teacher, UNRWA schools
1992 – 1993	Lecturer, Hiteen Intermediate college

Training:

1993-1994	Qualifying for high school teachers. UNRWA
26 August – 17 September 2012 (50 hours)	Staff development workshops The University of Jordan

Published Articles:

[1] **MR1816622 (2002c:54012)** Abu Osba, E. A.; Al-Ezeh, H. Purity of the ideal of continuous functions with compact support. *Math. J. Okayama Univ.* 41 (1999), 111--120 (2001). 54C35 (46E25 46J20)

[2] **MR1883054 (2003d:54032)** Abu Osba, E. A.; Al-Ezeh, H. Some properties of the ideal of continuous functions with pseudocompact support. *Int. J. Math. Math. Sci.* 27 (2001), no. 3, 169--176. 54C40 (46J20)

[3] **MR1895750 (2003a:54019)** Abu Osba, Emad A. Purity of the ideal of continuous functions with pseudocompact support. *Int. J. Math. Math. Sci.* 29 (2002), no. 7, 381--388.

[4] **MR2038840 (2005a:16046)** Abu Osba, Emad; Al-Ezeh, H. The pure part of the ideals in $C(X)$. *Math. J. Okayama Univ.* 45 (2003), 73--82. 16S60 (46E25 54C35)

[5] **MR2099923 (2005h:13009)** Abu Osba, Emad; Henriksen, Melvin; Alkam, Osama. Combining local and von Neumann regular rings. *Comm. Algebra* 32 (2004), no. 7, 2639--2653. 13A99 (16E50)

[6] **MR2103145 (2005h:54040)** Abu Osba, Emad; Henriksen, Melvin. Essential P-spaces: a generalization of door spaces. *Comment. Math. Univ. Carolin.* 45 (2004), no. 3, 509--518 54H13 (16E50 54G10)

- [7] **MR2223962 (2007b:13004)** Abu Osba, Emad; Henriksen, Melvin; Alkam, Osama; Smith, F. A. The maximal regular ideal of some commutative rings. *Comment. Math. Univ. Carolin.* 47 (2006), no. 1, 1--10. 13A15 (16E50)
- [8] **MR2399840** Alkam, Osama; Abu Osba, Emad. On the regular elements in Z_n . *Turkish J. Math.* 32 (2008), no. 1, 31--39. 13M05 (11A25)
- [9] **MR2458411** Abu Osba, Emad; Al-Addasi, Salah; Abu Jaradeh, Nafiz Zero divisor graph for the ring of Gaussian integers modulo n . *Comm. Algebra* 36 (2008), no. 10, 3865--3877. 13A99 (05C75)
- [10] **MR2510957** Abu-Osba, Emad A. Von Neumann inverses and cryptography. *Dirasat Pure Sci.* 36 (2009), no. 1, 76--79. 94A60 (94B60)
- [11] **MR2652950** Alkam, Osama; Abu Osba, Emad: On Eisenstein integers modulo n . *Int. Math. Forum* 5 (2010), no. 21-24, 1075–1082.
- [12] **MR2783168** Abu Osba, Emad; Al-Addasi, Salah; Al-Khamaiseh, Basem Some properties of the zero-divisor graph for the ring of Gaussian integers modulo n . *Glasg. Math. J.* 53 (2011), no. 2, 391–399. 13A99 (05C25)
- [13] **MR2924491** Abu Osba, Emad: The complement graph for Gaussian integers modulo n . *Comm. Algebra* 40 (2012). No. 5. 1886 – 1892. 13Axx (05C10 05C25 05C40 05C45)
- [14] **MR3060277** Abu Osba, Emad ; Al-Ezeh, Hasan: Eulerian zero-divisor graphs. *Ars Combin.* 108 (2013), 305–311. 13M05 (05C15)

Conferences:

- [1] *Purity of Some Ideals in $C(X)$* , Fourth conference in Jordan University of Science and Technology (23/5/2001).
- [2] *A Note on Strongly Regular Elements*, First Mathematics conference in Applied Science University , Amman (6 – 8/10/2004)

[3] *Regular Elements in Power Series Rings*
First International Conference in Mathematical Sciences, AL-Azhar
University, Gaza (15 – 17 /5/2007)

Master Thesis Students:

[1] Hasan Alkalaf: (2006) On Strongly Von Neumann Local Regular Rings.

[2] Ahmed Yousef El-Dwiek: (2006) On the Zero Divisor Graph of $C(X)$.

[3] Mahmoud Alhmouz: (2007) Some properties of the ring of Gaussian integers.

[4] Abdallah Shehadeh: (2008) Codes over the Gaussian integers.

[5] Maysoon Fahim Al Sallal: (2008) Codes over multiplicative groups of quotient rings of polynomials over finite fields.

[6] Muna Nu'man: (2008) The pure part of the ideals in the ring $C(X)$.

[7] Hamzah Alkurdi: (2008) Zero divisor graphs of direct products of commutative rings.

[8] Mohammad Al Kalalilah: (2009) On regular elements in commutative rings.

[9] Basem Kamaysah: (2009) Zero divisor graph of the ring of Gaussian Integers.

[10] Ayat Abu Rukab: (2010) Coloring of Zero Divisor Graphs

[11] Amany Shatara: (2011) Some Properties of the Ring of Continuous Functions Vanishing at Infinity.

[12] Amjad Shanaa': (2011) The Complement Zero Graph for Gaussian Integers Modulo n .

[13] Eman Jafer: (2013) Some Algebraic Properties of the Ring $C(X)$.

PhD Students:

[1] Ghada AlAfifi: (2013) Some Properties of Graphs Constructed by the Zero-Divisors in Rings of Continuous Functions.

Courses Taught:

B.Sc. Courses: Calculus I,II and III, Linear Algebra, Abstract Algebra I and II, Number Theory, Operations research, Foundations of Mathematics, Differential Equations I, Mathematics for Engineering I, Principals of Statistics, Discrete Mathematics, Numerical Analysis.

Master Courses: Abstract Algebra I, Abstract Algebra II.

PhD. Courses: Theory of groups and fields.

Other Activities:

- (1) Author in "Dar Al-Manhal" group on "Math. Thinking" school books series.
- (2) Committee of computerizing calculus I exams.
- (3) Committee of preparing B. Sc. students to qualifying exam.
- (4) Member of Science College Counsel for the academic year 2009 – 2010.
- (5) Member of Student's Affairs Counsel in Science College for the academic year 2009 – 2010.
- (6) Member of the web site committee of the Math. Depart.
- (7) Member of the translation team for the book: "First course in Abstract Algebra by John Fraglieh".