

Personal Information:

Name: Ali Hasan Ahmad Handam.

Date of Birth: October 31, 1969.

Nationality: Jordanian.

Marital Status: Married

E-mail: alihandam@YAHOO.com

Mobile: 0775617136



Qualifications:

■ B.Sc. in Statistics, Yarmouk University, Jordan, 1991.

■ M.Sc. in Statistics, Yarmouk University, Jordan, 1998.

Thesis entitled: " On Some Queueing Systems with Two Types of Service "

Supervisor: Dr. Kailash C. Madan

■ Ph.D. in Mathematics (Algebra), The University of Jordan, Jordan, 2008.

Thesis entitled: "Special Elements in Group Rings of a Cyclic Group over a Boolean Ring".

Supervisor: Prof. Hasan Al-Ezeh.

Teaching Experience:

Sep 2016 – present Associate professor Department of Mathematics, Al al-Bayt University, Jordan.

Associate Professor: Sep 2015- Sep 2016, Department of Mathematics, Hashemite University, Jordan. (sabbatical leave).

19/10/2013 – Sep 2015 Associate professor Department of Mathematics, Al al-Bayt University, Jordan.

7/9/2008 – 18/10/2013 Assistant professor, Department of Mathematics, Al al-Bayt University, Jordan.

23/11/2006 – 18/8/2008 Statistics Division Ministry of Education (Jordan)

30/8/1994 – 22/11/2006 Mathematics Teacher Ministry of Education (Jordan)

Skills and Qualifications:

■ International Computer Driving License (ICDL), (2002).

■ Intel Teach to the Future, 160 hour, (2005).

PUBLICATIONS

- [1] A. H. Handam. $(n, g(x))$ -Clean rings. International Mathematical Forum, 4 (2009), no. 21, 1007 – 1011.
- [2] A. H. Handam. **T-fuzzy ideals in near-subtraction semigroup**, Analele Universitatii Oradea Fasc. Matematica, Tom XVII (2010), no. 2, 223 – 234.
- [3] A. H. Handam. **On strong IS-algebras**, Annals of the University of Craiova – Mathematics and Computer Science Series, 37 (2010), no. (2), 75 – 82.
- [4] A. H. Handam. **On f-clean rings and f-clean elements**, Proyecciones Journal of Mathematics, 30 (2011), no. (2), 277-284.
- [5] A. H. Handam. **Soft $K(G)$ algebras**, Tamkang Journal of Mathematics. 43 (2012), no. 2, 203-213.
- [6] A. H. Handam. **N-structures applied to I-ideals in IS-algebras**. Stud. Univ. Babeş-Bolyai Math. 57 (2012), no. 1, 3-9.
- [7] A. H. Handam. **A note on generalized alpha-skew-normal distribution**. International Journal of Pure and Applied Mathematics, 74 (2012), no. 4, 491-496.
- [8] A. H. Handam. **Smarandache weak subtraction algebra**, Thai Journal of Mathematics, 11 (2013), no. 1, 121–129.
- [9] A. H. Handam. **On BE-homomorphisms of BE-semigroups**, International Journal of Pure and Applied Mathematics, 78 (2012) No. 8, 1211-1220.
- [10] A. H. Handam. **Quotient TM-Algebras**, International Mathematical Forum, 8 (2013), no. 20, 949 – 956.
- [11] A. H. Handam. **Fuzzy deductive systems in BE-semigroups**, Annals of the University of Craiova, Mathematics and Computer Science Series, 40(2), (2013), 128-139.
- [12] A. A. Freihat, M. Zurigat and A. H. Handam. **The multi-step homotopy analysis method for modified epidemiological model for computer viruses**, Afrika Matematika (2014-02-21): 1-12.
- [13] A. A. Freihat and A. H. Handam. **Solution of the SIR models of epidemics using MSGDTM**, Application and Applied Mathematics, 9 (2), 2014, 622 – 636.
- [14] H. A. Khashan and A. H. Handam. **$g(x)$ - nil clean rings**, Scientiae Mathematicae Japonicae, 79 (2), 2016, 145-154.

- [15] M. Zurigat, A. A. Freihat and A. H. Handam. **The multi-step homotopy analysis method for solving the Jaulent-Miodek equations**, *Proyecciones Journal of Mathematics*, (1) 34 (2015), 45-54.
- [16] A. H. Handam, A. A. Freihat and M. Zurigat. **The multi-step homotopy analysis method for solving fractional-order model for HIV infection of CD4⁺T cells**, *Proyecciones Journal of Mathematics*, 34 (4), 2015, 307-322.
- [17] A. H. Handam and A. A. Freihat. **A new analytic numeric method solution for fractional modified epidemiological model for computer viruses**, *Application and Applied Mathematics*, 10 (2), 2015, 919-936.
- [18] A. H. Handam. **Coupled N-structures and their application in IS algebras**, *Analele Universitatii Oradea. Fasc. Matematica*, 23 (2), 2016, 171-176.
- [19] A. H. Handam and H. A. Khashan. **Rings in which elements are the sum of a nilpotent and a root of a fixed polynomial that commute**, *Open Mathematics*, 15 (2017), 420-426.
- [20] H. A. Khashan and A. H. Handam. **On Weakly $g(x)$ -Nil Clean Rings**, *International Journal of Pure and Applied Mathematics*, 114 (2), 2017, 191-202.
- [21] H. A. Khashan and A. H. Handam. (WEAKLY) n -nil cleanness of the ring Z_m . *Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.* 67 (2), 2018, 29-37.

TEACHING EFFECTIVENESS IN Al al-Bayt University:

Graduate Level:

- Math 742: Rings Theory

Undergraduate Level:

- Math 101: Calculus I
- Math 102: Calculus II
- Math 241: Linear Algebra I
- Math 251: Logic and Set Theory
- Math 271: Finance Mathematics
- Math 342: Abstract algebra I (Groups Theory)
- Math 343: Graphs Theory
- Math 344: Number Theory

- Math 441: Linear Algebra I
- Math 442: Abstract Algebra II (Rings Theory)
- Math 434: Stochastic Process
- Math 331: probability theory

MASTER'S THESIS SUPERVISION

- Supervisor of MS thesis titled (Some classes of nil clean rings)
- Supervisor of MS thesis titled (Invo-clean rings associated with central polynomials)

Other Scholar Activities

- Evaluation committee for more than 20 MS thesis in Al al-Bayt University