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Personal information

- Name : [Manal Ghanem](#)
- Nationality : Jordanian
- Address: Department of Mathematics University of Jordan Amman 11942 Jordan
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Qualifications :

- **Ph.D. in Mathematics** (commutative algebra)

University of Jordan ,Jordan, Amman [2005]

- **M. Sc. In Mathematics (graph theory)**

University of Jordan, Jordan, Amman [1998]

- **B.Sc. in mathematics**

University of Jordan, Jordan, Amman [1996]

M.Sc. Thesis Title : Regular Self-Complemented Graphs

D.Phil. Thesis Title: The Associate Property of Rings

Supervisor: Prof. Hasan Al- Ezeh

Experience

[2013-] Associate Prof. Jordan University, Jordan.

[2011-2013] Associate Prof. Irbid National University, Jordan

[2005- 2011] Assistant Prof. Irbid National University, Jordan

[1998- 2005] Lecturer Irbid National University , Jordan

Research interests:

(1) Ring Theory

(2) Graph Theory

Publications

(1) M. Ghanem , **Some Properties of Associate and Presimplifiable Rings**, Turkish Journal of Mathematics, 34. 2010.

(2) M. Ghanem , **Two New Types of Rings Defined by using a Translational Invariant Fuzzy Subset**. Journal of advances fuzzy system. Vol. 2010, Article ID 258947, 4 pages .

(3) M. Ghanem, **Some Extensions of Clean Rings**. Journal of International Mathematical Forum. Vol. 6, 2011, no. 32, 1567-1572.

(4) M. Ghanem and H. Al-Ezeh, **Two New Types of Rings Constructed from Quasi-Prime Ideals**. International Journal of Mathematics and Mathematical sciences. Vol. 2011, Article ID 473413, 9 pages.

(5) M. Ghanem, **Some Properties of Hurwitz Series Ring**. Journal of International Mathematical Forum. 2011, Vol. 6, no. 40, 1973-1981.

(6) M. Ghanem , Alun Wyn-Jones, and H. Al- Ezeh, **Presimplifiable and Cyclic Group Rings**. Journal of Communication in Algebra. 2012, Vol 40, 3036-3046.

(7) M. Ghanem and K. Nazzal, **On the Line Graph of the Complement Graph for the Ring of Gaussian Integers Modulo n** . Open Journal of Discrete Mathematics, 2012, 2, 24-34.

(8) M. Ghanem and K. Nazzal, **On the Line Graph of the Zero Divisor Graph for the Ring of Gaussian Integers Modulo n** , International Journal of Combinatorics. 2012, 13 pages.

(9) M. Ghanem and H. Al-Ezeh, **On Two Properties of the Augmentation Ideal $I(G)$** , Lobachevski Journal of Mathematics, Accepted.

(10) M. Ghanem and H. Al-Ezeh, **The Associate Property of Rings and Modules**, Submitted.

(11) M. Ghanem and K. Nazzal, **Some properties of the Zero Divisor Graph of a Commutative ring**, Submitted.

Record of Courses Taught at University Level:

a- B.Sc. Level

- *Calculus 1*
- *Calculus 2*
- *Calculus 3*
- *Intermediate Analysis*
- *Foundation of Mathematics*
- *Set Theory*
- *Linear Algebra 1*
- *Linear Algebra 2*
- *Complex Analysis 1*
- *Complex analysis 2*
- *Group Theory*
- *Ring Theory*
- *Number Theory*
- *Graph Theory*

- ***b- M.Sc. Level***

- *Group Theory*
- *Ring Theory*
- *Graph Theory*