

## ***CURRICULUM VITAE***

### **Personal**

Name: Salah Said Mohammad Al-Addasi  
Place and Date of Birth: Baq'a, November 18, 1968  
Nationality: Jordanian  
Sex: Male  
Marital Status: Married  
Title: Associate Professor  
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### **Education**

1. Ph.D. in Mathematics, Hamburg University, Germany, 1998.
2. M.Sc. in Mathematics, University of Jordan, 1993.
3. B.Sc. in Mathematics, University of Jordan, 1991.

Title of Ph.D. Thesis:

Kartesische Faktorisierung in der Klasse der feinmaschigen Graphen  
(In English: Cartesian Factorization in the Class of Meshed Graphs.)

Advisor: Prof. Hans-Jürgen Bandelt

Title of M.Sc. Thesis:

Diametrical Graphs.

Advisor: Prof. Hasan Al-Ezeh

### **Field of Specialization**

General Specialization: Mathematics

Specific Specialization: Graph Theory

### **Areas of Research Interest**

Graph Theory (Characterization of graphs; Divisor graphs; Zero divisor graphs).

### **Experiences**

1. Associate Professor, Hashemite University, 2011 – present.
2. Associate Professor, sabbatical leave at Al-Albaysat University for the academic year 2015-2016.
3. Associate Professor, sabbatical leave at Petra University for the academic year 2011-2012.
4. Assistant Professor, Hashemite University, 2002 – 2010.
5. Lecturer, Hashemite University, 1999 - 2002.
6. Lecturer, Applied Science University, Amman, 1994-1995.

## Teaching Record

I have taught the following courses:

1. Graph Theory.
2. Combinatorics.
3. Number Theory.
4. Abstract Algebra I.
5. Linear Algebra I and II.
6. Real Analysis I.
7. Advanced Calculus.
8. Ordinary Differential Equations I.
9. Non-Euclidean Geometry.
10. Mathematics for Economics and Business.
11. Mathematics for Engineering I and II.
12. Discrete Mathematics.
13. Calculus I, II, and III.

## Committee Service

I have served in the following committees:

1. Council of Faculty of Science and Arts committee for the academic year 2003- 2004.
2. Scientific research Committee, E-Course Evaluation Committee, Promotion Committee and library Committee in the Department of Mathematics.
3. Library Committee in the Faculty of Science.

## Publications

Before PhD: H. Al-Ezeh and S. Al-Addasi, A sufficient condition on a diametrical graph  $G$  for  $L(G)$  to be diametrical, *Dirasat, Natural and Engineering Sciences* 23, 1996, 195-200.

After PhD:

1. S. Al-Addasi and H. Al-Ezeh, Characterizing symmetric diametrical graphs of order 12 and diameter 4 , *International Journal of Mathematics and Mathematical Sciences* 30(3), 2002, 145-149.
2. Salah Al-Addasi and Hasan Al-Ezeh, Bipartite diametrical graphs of diameter 4 and extreme orders, *International Journal of Mathematics and Mathematical Sciences*, 2008, 11 pages.
3. Emad Abu Osba, Salah Al-Addasi, and Nafiz Abu Jaradeh, Zero divisor graph for the ring of Gaussian integers modulo  $n$ , *Communications in Algebra* 36(10), 2008, 3865-3877.
4. Salah Al-Addasi, Omar A. AbuGhneim and Hasan Al-Ezeh, Divisor orientations of powers of paths and powers of cycles, *Ars Combinatoria* 94, 2010, 371 – 380.
5. Salah Al-Addasi, O.A. AbuGhneim and H. Al-Ezeh, Merger and vertex splitting in divisor graphs, *International Mathematical Forum* 5(38), 2010, 1861-1869.
6. S. Al-Addasi, O.A. AbuGhneim and H. Al-Ezeh, Characterizing powers of cycles that are divisor graphs, *Ars Combinatoria* 97, 2010, 474 – 451.
7. Salah Al-Addasi, Characterizing the Platonic solids and Petersen graph as  $k$ -levels locally homogeneous graphs, *Far East Journal of Mathematical Sciences* 42(2), 2010, 255-264.

(The above 7 papers were used in my previous promotion to associate professor)

8. Salah Al-Addasi, Some properties of locally homogeneous graphs, *At. St. Univ. Ovidius Constanta* 18(2), 2010, 15-22.
9. Emad Abu Osba, Salah Al-Addasi, and Basem Al-Khamaiseh, Some properties of the zero divisor graph for the ring of Gaussian integers modulo  $n$ , *Glasgow Math. J.* 53, 2011, 391 – 399.
10. S. Al-Addasi, O.A. AbuGhneim and H. Al-Ezeh, Further New Properties of Divisor Graphs, *Journal of Combinatorial Mathematics and Combinatorial Computing* 81, 2012, 261-272.
11. Emad Abu Osba, Salah Al-Addasi, and Omar Abughneim, Some properties of the intersection graph for finite commutative principal ideal ring, *International Journal of Combinatorics*, Volume 2104, 2014, 6 pages.
12. S. Al-Addasi,  $D$ -levels locally homogeneous graphs, *Journal of Discrete Mathematical Sciences and Cryptography* 18, 2015, 663-672.
13. S. Al-Addasi, The 4-cube as a  $D$ -levels locally homogeneous graph, *Ars Combinatoria*, 136, 2018, 219 – 226.
14. S. Al-Addasi, O.A. AbuGhneim and H. Al-Ezeh, Line graphs and middle graphs that are divisor graphs, *WSEAS Transactions on Mathematics*, volume 19, 2020, 108-112.
15. S. Al-Addasi, Graphs having constant  $H$ -complements, accepted in *Ars Combinatoria*.
16. **Translation of a Book (To Arabic):** A First Course in Abstract Algebra, author: John B. Fraleigh, 7<sup>th</sup> edition, 2003 Pearson Education, Inc. (The Arabic translation was published by OBEIKAN Publishing, Riyadh, Saudi Arabia, 2014. Translated by: E. Abu Osba, S. Al-Addasi, O. Hirzallah, and A. Jaber)

### Conferences

1. Fourth Saudi Science Conference / Contribution of Science Faculties in the Development Process of Kingdom of Saudi Arabia, March 2010.
2. The First Conference / Third Science Day, Faculty of Science & Arts, Jordan University of Science & Technology, May 23, 2000.
3. The Second Jordanian Mathematical Conference, Mu'tah University, 1994.

### Academic Activities

1. Participation in the examination committees of several Ph.D. theses and many M.Sc. theses.
2. Reviewing articles for international journals.
3. Reviewing a promotion.
3. Translation (with colleagues) of a book.

### References

1. Prof. Omar Hirzallah, Department of Mathematics, Hashemite University.  
E-mail: [o.hirzal@hu.edu.jo](mailto:o.hirzal@hu.edu.jo)
2. Prof. Emad Abu Osba, Department of Mathematics, Jordan University.  
E-mail: [eabuosba@ju.edu.jo](mailto:eabuosba@ju.edu.jo)
3. Prof. Omar AbuGhneim, Department of Mathematics, Jordan University.  
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