

Khalida Nazzal

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Personal Information	<p>Khalida Mohammad Nazzal</p> <p>Associate Professor (2017) Nationality : Palestinian.</p>
Contact Information	<p>Email k.nazzal@ptuk.edu.ps Khalida_nazzal@hotmail.com Mobile: 00970598151210</p>
Education	
PhD.	<p>PhD. Pure Mathematics (Graph theory) Ain Shams university Cairo, Egypt. Title of thesis: Domination Problems in Graphs. Supervisors : Prof. Mohamed El-Zahar and Prof. Sohair Khamees.</p>
M.Sc.	<p>M.Sc in math University of Jordan, Amman , Jordan. Title of thesis: Complements of Steiner Graphs. Supervisor: Prof. Hassan Al-Azzeh</p>
B.Sc	<p>B.Sc in math , minor computer programming & system analysis An-Najah National university, Nablus, Palestine.</p>
Work experience	<p>2009-till now Palestine Technical University. Tulkarm, Palestine. Assistant professor, 2010-2011: Head of mathematics Department in PTUK . 2007-2009 Birzeit university, Ramallah, Palestine. Faculty of science, math department. Assistant professor 2007 An-Najah national university, Nablus, Palestine. Faculty of science, math department. Assistant professor (part time) 2004-2005 Modern Arts and Sciences College. Cairo , Egypt. Basic sciences division, Faculty of engineering. Teaching assistant,</p>

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Teaching Experience.	Taught Courses I: Master's program: Mathematical modeling. II Bachelor's program 1- Fundamentals of Mathematics (set theory and logic) 2- Linear Algebra (I). 3- Abstract Algebra(I). 4- Number theory. 5- Graph theory. 6- Complex analysis. 7- Real analysis I & II. 8- Operation research. 9- Topology. 10- Calculus I , II & III . 11- Ordinary differential Equations. 12- Engineering Mathematics. 13- Introduction to statistics and probability.
Publications	<ol style="list-style-type: none">1. Khalida Nazzal, Mays Sodqi, The Effect of Exploring Applications on Pure Mathematics Material on Mathematics Students, <i>Quaderni di Ricerca in Didattica 3</i> (supplemento 2019):129-135.2. Khalida Nazzal, Manal Ghanem , Some properties of the total graph of a commutative ring, <i>Hacettepe Journal of Mathematics and Statistics</i> 47 (4), 835-843 10.15672/HJMS.2017.490 .3. Khalida Nazzal, Manal Ghanem , Local properties of the total graph of a commutative ring. (submitted).4. Khalida Nazzal, Manal Ghanem , Some properties of the Zero Divisor of a commutative ring. <i>Discussiones Mathematicae- General Algebra and Applications</i> (2015), 34(2):167–181. DOI: 10.7151/dmgaa.12225. Khalida Nazzal, <i>Total Graphs Associated to a Commutative Ring, Palestine Journal of Mathematics</i>, Vol. 5(Special Issue: 1) (2016) , 108–1266. Torsten Sander , and Khalida Nazzal <i>Minimum Flows in the Total Graph of a Commutative Ring. Transactions on Combinatorics</i> Vol. 3 No. 3 (2014). 11-207. Khalida Nazzal , and Manal Ghanem. <i>On the Line Graph of the Zero Divisor Graph for the Ring of Gaussian Integers modulo n. International Journal of Combinatorics</i>. Vol. 2012 (2012), doi:10.1155/2012/957284, 1-13.8. Manal Ghanem , and Khalida Nazzal. <i>On the Line Graph of the complement Graph for the Ring of Gaussian Integers modulo n. Open Journal of Discrete Mathematics</i>.Vol.2, No.1. January 2012, doi:10.4236/ojdm.2012.21006, 24-34.9. S. M. Khamis, Kh. M. Nazzal, <i>Equality in Vizing's conjecture fixing one</i>

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	<p><i>factor of the Cartesian product. <u>Ars combinatoria</u> Vol. (96) July, 2010. 375–384.</i></p> <p>10. M. H. El-Zahar, S. M. Khamis, Khalida. M. Nazzal, <i>On the domination number of the Cartesian product of the cycle of length n and any graph</i>, <u>Discrete Applied Math.</u> Vol.155 (2007) 515-522.</p> <p>11. Khalida Nazzal, Steinhaus graphs generated by e_j, Proceedings of the Third Palestinian Conference on Modern Trends in Mathematics and Physics, At Birzeit University- Ramallah, Volume: 1, (2008)</p> <p>12. Khalida Nazzal, <u>On the Domination Number of the Cartesian Product of Graphs</u>, Dec 2014, LAP LAMBERT Academic Publishing, Germany</p>
<p>Conferences</p>	<ol style="list-style-type: none"> 1. cieaem70 : International Commission for the Study and Enhancement of Mathematics Teaching. 15-19 Jul 2018 Mostaganem (Algeria). Talk: The Effect of Exploring Applications on Pure Mathematics Material on Mathematics Students 2. The Fifth Palestinian Conference on Modern Trends in Mathematics and Physics. Arab American University, Jenin, July 31-August 2, 2016, Talk: <i>The Total Graph of a Commutative Ring.</i> 3. Second International Conference On Mathematics and Statistics, American University of Sharjah, Apr, 2-4, 2015.(invited speaker) Talk: <i>The Structure of the Total Graph of a Commutative Ring.</i> 4. The Forth Palestinian Conference on Modern Trends in Mathematics and Physics, Al-Quds University, Abu-Dees, Aug,11-13, 2014. . Talk : <i>Minimum Flows in the total graph of a commutative ring.</i> 5. The Forth International Conference of Mathematics, UAE University, Alain. March, 11-14, 2012. Talk: <i>On the Zero Divisor Graph for the Ring of Gaussian Integers Modulo n.</i> 6. The Second Palestinian Conference on Modern Trends in Mathematics and Physics, Birzeit university, Birzeit, Ramallah. July,2008. Talk: <i>Steinhaus Graphs generated by e_j.</i> 7. Petra International Conference on Mathematics, Alhusain Bin Talal university, Maan, Jordan. Oct, 23-25, 2007. Talk: <i>On the domination number of the Cartesian product of graphs.</i> 8. The First International Conference of Mathematical Sciences, Al – Azhar University, May, 15-17, 2006. Gaza. Talk: <i>Equality in Vizing’s Conjecture Fixing On Factor of the Cartesian Product.</i>
<p>Awards and scholarships</p>	

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	<p>July- September 2012 :Awarded a scholarship “Research Stays for University Academics and Scientists” in Germany by DAAD.</p> <p>Awarded a scholarship for Masters study by the German Academic Exchange Service (DAAD).</p> <p>Awarded a scholarship for PhD. study by the Palestinian embassy.</p>
Language	English, Arabic as a native language.
Research Interests	Graph theory especially, algebraic graph theory, mathematical modeling, mathematics education

Professional Membership	<p>A member of the Mathematics Egyptian Society.</p> <p>* A member of the Mathematics Palestinian Society.</p>
Computer Skills	<p>* Applications: Microsoft Office.</p> <p>* Computer programming: Mathematica, C, Pascal, Basic.</p> <p>* Operating Systems: Windows</p>
Community Services	American Mathematical Society (MathSciNet) Reviewer.