

**Name: Dr. Amal Hikmat Al-Saket**

E-mail	amal_saket@zuj.edu.jo
Phone	00962 – 6 – 4291511 Ext. 430
Fax Number	00962 – 6 – 4291432
Faculty	Faculty of Science and Information Technology
Department	Mathematics
Academic Rank	Associate Professor
Year Rank Obtained	2015
Specialization	Mathematical Programming
Research Interest	Mathematical Programming – Numerical Analysis Graph Theory
Ph.D.	Washington State University, USA
Awards and Grants	Have awarded a royal watch by King Hussain as an award for graduating with first rank in the B.Sc. in Mathematics from the University of Jordan.
	Have awarded a trophy by Queen Noor on the International Women's Day, 1989 for being a woman pioneer in having a Ph.D. in Mathematics.
	Have Granted the DAAD Scholarship, in Germany, for the summer of 1989.
Publications 2015	Amal Al-Saket ; " Some Results for the Zeros of a Class of Fibonacci-Type Polynomials "; Journal of Mathematical Inequalities; Vol. 10(1), pp. 45-52, (2016). <a href="http://www.jmi.ele-math.com">www.jmi.ele-math.com</a>
2013	Amal Al-Saket ; " Estimating the Algebraic Connectivity of Triangle-Free Graphs " ; International Mathematical Forum; Vol. 8(26), pp. 1279-1286, (2013). <a href="http://www.m-hikari.com/imf.html">www.m-hikari.com/imf.html</a>
	Amal Al-Saket ; " On the Real Part of the Frobenius Companion Matrix of Polynomials " ; Int. J. Contemp. Math. Sciences; Vol. 8(13), pp. 615-621, (2013). <a href="http://www.m-hikari.com/ijcms.html">www.m-hikari.com/ijcms.html</a>
	Amal Al-Saket ; " Some Results for the Laplacian Eigenvalues of Graphs " ; Advances and Applications in Discrete Mathematics; Vol. 12(2), 2013. <a href="http://www.pphmj.com/journals/aadm.htm">www.pphmj.com/journals/aadm.htm</a>
2012	Amal Al-Saket; " On Determining Bounds for the Real Parts of the Zeros of Polynomials "; Linear and Multilinear Algebra; Vol. 60(3), pp. 377-382, (2012). <a href="http://www.tandfonline.com/loi/glma20">www.tandfonline.com/loi/glma20</a>

	Amal Al-Saket ; " On Estimating a Lower Bound for the Laplacian Spectral Radius of Triangle-Free Graphs " ; Int. J. Contemp. Math. Sciences; Vol. 7(46), pp. 2265-2275, (2012). <a href="http://www.m-hikari.com/ijcms.html">www.m-hikari.com/ijcms.html</a>
1985	Amal Al-Saket ; " An Algorithm with Degeneracy Resolution for Solving Certain Quadratic Programming Problems " ; the 12th International Symposium on Mathematical Programming ;1985, Massachusetts Institute of Technology; USA .