



**RUZAYN QUADDOURA**

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Computer Science/Combinatorial Optimization

**Academic Rank: Assistant Professor**

**Membership:**

1	Member of the Technical Committee of ACIT (International Arab Conference on Information Technology).
2	Member of the Technical Committee of IAJIT (International Arab Journal of Information Technology).
3	Membre en Société Française de Recherche Opérationnelle et Aide à la Décision

**Qualifications:**

1	Doctorate (PhD) in Algorithmic Graph Theory, University of Picardie Jules Verne (Amiens, France 2003).
2	D.E.A. (MSc) in Operations Research-Combinatorial Optimization, Polytechnic Institute of Grenoble (INPG) (Grenoble, France 1997).
3	Postgraduate Diploma in Mathematics, Damascus University (Syria 1993)
4	Bachelor in Mathematics, Damascus University (Syria 1992).



**Professional Objective(s):**

**Teaching Experience:**

#	From	to	
1	2011	Now	Assistant Professor in Computer Science, Zarqa University
2	2009	2011	Assistant Professor in Computer Science, King Abdulaziz University
3	2004	2009	Assistant Professor in Computer Science, Zarqa University
4	February 2004	June 2004	Assistant Professor in Computer Science (Part Time), Princess Sumaya University
5	2001	2003	Lecturer of Computer Science, Picardie Jules Verne University
6	1994	1995	Lecturer of Mathematics, Damascus University

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
.١	Early Wildfire Smoke Detection Using Different YOLO Models	Machines Journal	2023 Vol 11, 246
.٢	Using Security Center in Indoor Internet of Things	International Journal for Quality Assurance	2022 Vol 5, No 2
.٣	On 2-Colorability Problem for Hypergraphs with P8-free Incidence Graphs	International Arab Journal of Information Technology	2020 Vol. 17, No. 2, Pages 257-263
.٤	An O(n) Time Algorithm for Scheduling UET-UCT of Bipartite Digraphs of Depth One on Two Processors	American Journal of Operations Research	2016, Vol. 6, Pages 75-80
.٥	Solving the Maximum	Open Journal of Discrete	2016, Vol. 6,



	Matching Problem on Bipartite $Star_{123}$ -Free Graphs in Linear Time	Mathematics	Pages 13-24
.٦	$O(n)$ Time Algorithm for Maximum Induced Matching in Bipartite $Star_{123}$ -Free Graph	World of Computer Science and Information Technology Journal	2014, Vol. 4, No.3 Pages 38-41
.٧	Classical Graphs Decomposition and their Totally Decomposable Graphs	International Journal of Computer Science and Network Security	2010, VOL.10 No.1, Pages 240-250
.٨	Operator Decomposition of Graphs	International Arab Journal of Information Technology (IAJIT)	2006, Vol. 3, No. 2, Pages 152-164
.٩	Time Recognition Algorithm of Bipartite $Star_{123}$ -free Graphs	International Arab Journal of Information Technology (IAJIT)	2006, Vol. 3, No. 3, Pages 193- 202
.١٠	Méthodes de Décomposition, Étude structurèlle et algorithmique de nouvelles Familles de Graphs	Technical Report, Laboratoire de Recherche en Informatique, Amiens, France	2003-19

**Conferences:**

#	Paper Title	Organizing Institution	Conference
.١	Scheduling UET-UCT DAGs of Depth Two on Two Processors	2021 22nd International Arab Conference on Information Technology (ACIT)	2021, pp. 1-6, doi: 10.1109/ACIT 53391.2021.9677100.
.٢	Internet of Things Protection and Encryption: A Survey	2021 22nd International Arab Conference on Information Technology (ACIT)	2021, pp. 1-7, doi: 10.1109/ACIT 53391.2021.9677225.



**Personal Information**

Name	Ruzayn Ahmad Quaddoura		
Place and Date of Birth	Damascus, 1968		
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