

CURRICULUM VITAE**1. Personal Details**

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2. Higher Education**A. Undergraduate and Graduate Studies**

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
1977-1980	Faculty of Exact Sciences, School of Mathematical Sciences, Tel Aviv University	B.Sc.	1980
1979-1980	School of education, Tel Aviv University	Teaching License	1990
1983-1990	Faculty of Exact Sciences, School of Mathematical Sciences, Tel Aviv University	M.Sc.	1990
1991-2002	Faculty of Exact Sciences, School of Mathematical	Ph.D.	2002

	Sciences, Tel Aviv University		
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3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
1983	Open University, Mathematics and Computer Science	Advisor
1982-1990	Tel-Aviv University, School of Exact Sciences	Teaching Assistant
2001	Interdisciplinary Center, Herzelia, Computer Science	Lecturer
1994-2002	Academic College of Tel Aviv Jaffa, School of Exact Sciences	Lecturer
1996-1999	Tel-Aviv University, School of Exact Sciences	Adjunct Instructor
2000-2003 *	Tel-Aviv University, School of Exact Sciences	Lecturer
2003-2004 *	Rishon Academic Center, School of Exact Sciences	Lecturer
2004-2008 *	Afeka Academic College of Engineering	Senior Lecturer
2007-2009 *	Interdisciplinary Center, Herzelia, Computer Science	Senior Lecturer
2007-2010 *	Tel-Aviv University, School of Exact Sciences	Senior Lecturer
2013-2015 *	Israel Academic College, School of Management of Information Systems	Senior Lecturer
2002-present *	Ruppin Academic Center, School of Engineering	Senior Lecturer

4. Offices in Academic Administration

- 2004 – 2006 * Member of the Teaching Committee in of the Engineering Faculty
in Ruppin Academic Center
- 2004 – 2012 * Member of The Discipline Committee in Ruppin Academic Center
- 2013 – 2015 * Member of The Library Committee in Ruppin Academic Center
- 2019- present * In charge of the Computer Science courses in the Engineering department
in Ruppin Academic Center

5. Scholarly Positions and Activities outside the Institution

A. Membership in professional scientific societies

Since 2013 - Member of The Advisory Editorial Board of the Journal of
Systemics, Cybernetics, and Informatics JSCI
(<http://www.iiisci.org/journal/sci/Past.asp>). *

2009 – 2014

Membership in European Cooperation in the field of Scientific and Technical
Research COST 279/09 *

6. Participation in Scholarly Conferences

A. Active Participation

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
July 2001	18 th British Combinatorial conference	Brighton, Britain	On some multigraph decomposition problems and their computational complexity	Lecturer
August 2001	Workshop on Graphs and combinatorial Designs	Hawaii , U.S.A.	On some multigraph decomposition problems and their computational complexity	Lecturer
July 2002 *	19th British Combinatorial Conference	Bangor, Britain	Multigraph decomposition into Matchings and into Multistarts	Lecturer
July 2005 *	20 th British	Durham,	Partitioning a Graph into	Lecturer

	Combinatorial conference	Britain	Two Pieces, Each Isomorphic to the Other or to its Complement	
September 5-9, 2005 *	EuroComb05	Berlin, Germany	Multigraph Decomposition into Multigraphs with Two Underlying Edges	Lecturer
June 25-28, 2006 *	SIAM Conference on Discrete Mathematics	Victoria, Canada	Partitioning a Graph into Two Pieces, Each Isomorphic to the Other or to its Complement	Lecturer
Jun 29 th – Jul 2 nd 2008 *	CITSA 2008	Orlando Florida, U.S.	Multigraph Decomposition into Multigraphs with Two Underlying Edges	Lecturer
June 29 th – July 2 nd , 2010 *	CCCT 2010	Orlando Florida, U.S.	Connectivity and Transportation Description of Graphs	Lecturer
July 9 – 12, 2013 *	IMETI 2013	Orlando Florida, U.S.	Time and Frequency Resource Allocation using Graph Theory in OFDMA Wireless Mesh Networks	Lecturer
August 2012 *	InOWo'12	Essen-Kettwig, Germany	Time and Frequency Resource Allocation in OFDMA Wireless Mesh Networks	Author
August 2016 *	ICOF 2016	Essen-Kettwig, Germany	Resource Allocation in OFDMA Wireless Mesh Network	Author

B. Organization of Conferences or Sessions

Date	Name of Conference	Place of Conference	Subject of Conference/ Role at Conference/ Comments	Role
June 25-28, 2006 *	SIAM Conference on Discrete Mathematics	Victoria, Canada	Discrete Mathematics	Chair of session
Jun 29 th – Jul 2 nd 2008 *	CITSA 2008	Orlando, Florida	International Multi-Conference on Engineering and Technological Innovation,	Chair of session
10-13 Jul 2009 *	CITSA 2009:	Orlando, Florida	6 th International Conference on Cybernetics and Information	Member of the program committee

			Technologies, System and Applications	
June 29 th – July 2 nd , 2010 *	CCCT 2010	Orlando, Florida	8 th International Conference on Computing, Communications and Control Technologies	Chair of session
June 29 th – July 2 nd , 2010 *	CCCT2010	Orlando, Florida	8 th International Conference on Computing, Communications and Control Technologies	Member of the program committee
17-20 Jul 2012 *	CITSA 2012	Orlando, Florida	10 th International Conference on Cybernetics and Information Technologies, System and Applications	Member of the program committee
July 9 – 12, 2013 *	CITSA 2013	Orlando, Florida	11 th International Conference on Cybernetics and Information Technologies, System and Applications	Member of the program committee
July 9 – 12, 2013 *	IMETI 2013	Orlando, Florida	The 6 th International Multi-Conference on Engineering and Technological Innovation	Chair of session
July 15-18, 2014 *	IMETI 2014	Orlando, Florida	7 th International Multi-Conference on Engineering and Technological Innovation	Member of the program committee

7. Invited Lectures \ Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
July 2003*	Newfoundland, Canada	Workshop on Combinatorial Designs and Related Topics	Multigraph Decompositions

8. Research Grants

A. Grants Awarded

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
PI	Arie Reichman , Nira Gruberger	Connectivity and Transportation Description of the Graph	"Magnetron" of The office of the chief scientists (OSC) of the ministry of industry, trade and labor (MOITAL) in Ruppin Academic Center & Ayecka 100,000\$ + 135,000\$ *	2009 – 2010*

9. Scholarships, Awards and Prizes

2013* - IMETI 2013: The 6th International Multi-Conference on Engineering and Technological Innovation , Orlando, Florida - Excellence reward for "best paper of session" for the paper " Time and Frequency Resource Allocation using Graph Theory in OFDMA Wireless Mesh Networks ", M. Priesler (Moreno), A. Reichman

2011* – Ruppin Academic Center: Excellence reward for teaching and institutional contribution. *

2008* - CITSA 2008: International Multi-Conference on Engineering and Technological Innovation, Orlando, Florida - Excellence reward for "best paper of session" for the paper "Multigraph Decomposition into Multigraphs with Two Underlying Edges", M. Priesler (Moreno), M. Tarsi *

2002 – Tel Aviv University - Excellence reward for teaching in the “Efficiency of Computations” course *

10. Teaching

A. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
1990* – present	Algorithms (Efficiency of Computations)	Introduction Course (Mandatory), And Lecture	Senior Lecturer, and Lecturer	
1994* – present	Data structures	Introduction Course (Mandatory), And Lecture	Senior Lecturer, and Lecturer	
2004* - present	Computability and Complexity	Introduction Course (Mandatory)	Senior Lecturer	
2004* - present	Computational Models	Introduction Course (Mandatory)	Senior Lecturer	
2004* - present	Discrete Mathematics	Introduction Course (Mandatory)	Senior Lecturer	
2004* - present	Set Theory	Introduction Course (Mandatory)	Senior Lecturer	
2013 – 2015*	Information systems in Maritime Transportation	High Learn Course	Senior Lecturer	
1981 , 1990 – 1995 , 2008*	Introduction to Programming	Introduction Course (Mandatory)	Senior Lecture, and Lecturer	
1981 , 2007*	Introduction to Infi.	Introduction Course (Mandatory)	Lecturer	

B. Supervision of Graduate Students

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
Daniel Horovitz from Ariel University . Advisors: Arie Reichman and Miri Priesler	Allocations methods for a wireless MESH network	M.Sc. thesis	In Progress.	A paper. Expected to be completed in the end of 2016*

11. Miscellaneous

Articles Referees by me

1. 2003*-Graphs and Combinatorics
J. Kratochvil, Z. Lonc, and Z. Skupie'n , "Edge Decompositions of Multigraphs into Multipaths and Matchings"
2. 2004* - Journal of Graph Theory
M. Meszka, and Z. Skupie'n , "Decomposition of Complete Multigraphs into Nonhamiltonian Paths"
3. 2006* – Discrete Applied Mathematics
Sabine Cornelsen , "Treelike Comparability Graphs: Characterization, Recognition, and Applications"
4. 2007* - Discrete Mathematics
J. J. Lin , 2007 , "Decomposition of Balanced Complete Bipartite Multigraphs into Multistars" ,
5. 2007* - Utilitas Math paper
Z. Wu and B. Du , "On path factorization of complete multipartite multigraphs"
6. 2008* - The Journal Operations Research Letters
Y Yoon, Y.H. Kim, and B.R. Moon , "Generalized Multicampaign Assignment and its NP-completeness"
7. 2008* - Discrete Applied Mathematics
N. Teypaz and C. Rapine , "Graph decomposition into paths under length constraints"
8. 2008* – Utilitas Math
Zhanggui Wu , Beliang Du , "On path factorization of complete multipartite multigraphs" .
9. 2009* - Electronic Journal of Combinatorics
T. Sousa , "H-Decomposition of r-graphs when H is an r-graph with exactly 2 edges"
10. 2010 – IIS2010
Blind Reviewing , "Prototype implementation of the Direct3D-on-OpenGL library"
11. 2010* - KGCM 2010

C. Ophir , "Simplifying Complex Problems"

12. 2010* - CITSA2010

Blind Reviewing , "A Distributed Algorithm for Routing Over All Node-Disjoint Paths in Exchanged Hypercube"

13. 2011* – KGCM2011

Dan Ophir , "Logic Mosaic Generation for Stimulation and Preservation"

14. 2013* – Journal of Graph Theory

Lonc , Zbigniew , Petryshyn , Nataliya , "On rooted packings, decompositions, and factors of graphs"

15. 2013* – CITSA2013 , Blind Reviewing , "A Logic Block for Wave-Pipelining"

16. 2017* – Journal of Graph Theory , "On the exact decomposition threshold for even cycles".

17. 2020* - Journal of Graph Theory , "Decomposing Subcubic Graphs into Claws, Paths or Triangles" .

12. Professional Experience

1981 – A programmer in M.L.L. High-Tech company

1989 – A software engineer in Dazix High-Tech company

PUBLICATIONS

A. Ph.D. Dissertation

"Multistar Decomposition of Multigraphs", 70 pages , written in English .

Adviser : Prof. Michael Tarsi, Tel Aviv University.

Submitted to the Senate of Tel-Aviv University in April 2002. Accepted : 8.12.2002 .

Articles D2 , D3 , D5 .

D. Articles in Refereed Journals

Published

1. 1993 - M. Priesler (Moreno) and M. Tarsi "On the decomposition of graphs into copies of $P_3 \cup K_2$ " *Ars Combinatoria* 35 (1993), pp. 325-333
2. 2004 - M. Priesler (Moreno) and M. Tarsi "On some multigraph decomposition problems and their computational complexity", *Discrete Mathematics* 281, Numbers 1-3, (2004) 247-254 *
3. 2005 - M. Priesler (Moreno) and M. Tarsi "Multigraph decomposition into Stars and into Multistars" *Discrete Mathematics* 296, Issues 2-3 (2005) 235-244 *
4. 2005 - M. Priesler (Moreno) "Partitioning a Graph into Two Pieces, Each Isomorphic to the Other or to its Complement" , *Discrete Mathematics* 304, Issues 1-3, (2005) 94-100 *
5. 2009 - M. Priesler (Moreno) and M. Tarsi "Multigraph decomposition into multigraphs with two underlying edges" , *Journal of Systemics, Cybernetics and Informatics*, Volume 7, Number 3 , 2009. (Proceedings F1 , F2) *
6. 2010 - M. Priesler (Moreno) and A. Reichman " Connectivity and Transportation Description of Graphs", *Journal of Communication and Computer*, Volume 9, Number 4, 2012. (Proceedings F3) *
7. 2014 - M. Priesler (Moreno) and A. Reichman , "Time and Frequency Resource Allocation using Graph Theory in OFDMA Wireless Mesh Networks", *Journal of Systemics, Cybernetics and Informatics*, Volume 12 - Number 1 - February 2014, Pages: 52-57. (Proceedings F4 , F6) *

F. Articles in Conference Proceedings

Published

1. 2005-M. Priesler (Moreno) and M. Tarsi "Multigraph Decomposition into Multigraphs with Two Underlying Edges" , EuroComb05 Berlin Conference Proceedings: 231-234 (Article D5) *
2. 2008-M. Priesler (Moreno) and M. Tarsi "Multigraph Decomposition into Multigraphs with Two Underlying Edges" , CITSA 2008: International Multi-Conference on Engineering and Technological Innovation, Orlando, Florida , 201-208 (Article D5) *
3. 2010-M. Priesler (Moreno) and A. Reichman "Connectivity and Transportation Description of Graphs" , CCCT 2010: 8th International Conference on Computing , Communications and Control Technologies, Orlando, Florida , Volume II , 122 – 127 (Article D6) *
4. 2012-Reichman A., Priesler M., Czyliwik A., "Time and Frequency Resource Allocation in OFDMA Wireless Mesh Networks" , The 17th International OFDM Workshop (InOWo'12) August 2012 , Essen-Kettwig, Germany , 1-6 (Article D7) *
5. 2012-"Peer Reviewing as a Quality Assurance Methodology for Scientific/Engineering Publishing" , M. Priesler (Moreno), N. Gruberger, A. Reichman and G. Vitner , 2nd International Symposium on Peer Reviewing, Orlando, Florida , Volume IV , 30-35 , 2012 *
6. 2013-M. Priesler (Moreno) and A. Reichman "Time and Frequency Resource Allocation using Graph Theory in OFDMA Wireless Mesh Networks" , IMETI 2013: The 11th International Multi-Conference on Engineering and Technological Innovation , Orlando, Florida , 76 – 81 (Article D7) *

J. Other Works Connected with my Scholarly Field

Unrefereed professional articles

1. 2007-M. Priesler (Moreno), Y. Caro, A. Lev and Y. Roddity: "Polychromatic-Free Complete Graphs – Partial Result", 2007, unpublished *
2. 2012-M. Priesler (Moreno): "Polychromatic-Free Complete Graphs" , 2012 , unpublished *

L. Summary of my Activities and Future Plans

Research in progress

1. "Frequencies Allocation" ,
Joint work with Dr. Arie Reichman , Ruppin Academic Center ,
Since October 2011
2. "Efficient Allocation of a transmission band" ,
Joint work with Dr. Nira Gruberger and Dr. Arie Reichman ,
Ruppin Academic Center ,
Since September 2011
3. "Strained Decopositions of Graphs" ,
Since November 2011
4. "The Engineers-Managers Problem" ,
Joint work with Prof. Michael Tarsi ,
Since 2013

Articles to be published. In preparation

1. "Optimal Solution for the VLSI Chip Testing"
2. "Frequencies Allocation"
3. "Efficient Allocation of a transmission band"
4. "Strained Decopositions of Graphs"
5. "The Engineers-Managers Problem"