

Date	18/07/2025
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PERSONAL INFORMATION

First and Family name	Martha Gabriela Araujo Pardo		
Social Security, Passport, ID number	N14592393	Age	56
Researcher numbers	Researcher ID	L-5588-2017	
	Orcid code	0000-0003-3804-1855	

Current position

Name of University/Institution	Universidad Nacional Autónoma de México		
Department	Instituto de Matemáticas, Unidad Juriquilla		
Address and Country	Boulevard de Juriquilla #3001. C.P. 076320		
Phone number	+525556224761	E-mail	garaujo@im.unam.mx
Current position	Titular Research B	From	01/07/2014
	National System of Researchers (CONAHCyT). Level III and PRIDE D.		
Palabras clave	Graph Theory, Combinatorics, Discrete Mathematics		

Education

PhD	University	Year
Mathematics	Universidad Nacional Autónoma de México	2000

Rankings:

Web of Science:

Total Documents: 107
Total Web of Science Core Collection publications: 63
h-index 10
Sum of times cited: 281
Citing articles 176

Mathscinet:

MR Author 717775
Total Publications: 76
Total Citations: 241

Scholar google:

Citations 633
h-index 14
i10-index 25

SUMMARY

69 papers
33 papers on memories of conferences
118 Oral presentations at conferences
13 Head of research projects
6 Member of research projects

1.5 years of Postdoc at Polit cnica University of Catalu a, Spain.

1 year of a Sabbatical Stance in Universit  Libre de Bruxelles, Belgium.

Member Level III of the National System of Researchers (SNII) CONACHyT of M xico since 2024. Level D of the Program of rewards for efficiency (PRIDE) of the National Autonomous University of M xico (UNAM).

Advisor of the following graduated students:

4 theses of PhD.

4 master's theses (two of them short).

12 undergraduate theses in mathematics.

Courses: Mathematics undergraduate level and master of mathematics at the Faculty of Science at the National University of M xico, Queretaro State University, the Technology Faculty at National University of M xico Campus Juriquilla, and the Polytechnic University of Catalunya for Telecommunications Undergraduate Career.

Prizes and awards:

1) Apoyo Sof a-Kovalevskaja 2004 given by Sociedad Matem tica Mexicana y la Fundaci n Sof a Kovalevskaja (Mexican Mathematical Society and Sof a Kovalevskaja Fundation)

2) Prize Sor Juana In s de la Cruz, Instituto de Matem ticas, Universidad Nacional Aut noma de M xico 2013.

3) Member of the Mexican Science Academy since 2013.

4) Fellow of *The World Academy of Sciences (TWAS) for the advancement of science in developing countries* (Enero 2024).

Five relevant publications:

1) Araujo-Pardo, C. Dalf , M.A. Fiol y N. L pez, "On Bipartite Biregular Large Graphs Derived From Difference Sets". *Journal of Graph Theory*, (2025)

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/jgt.23263>

2) Araujo-Pardo, G. Leemans, D. "Edge-girth-regular graphs arising from biaffine planes and Suzuki groups" *Discrete Math.* 345, no 10. (2022). Paper no. 112991.

<https://doi.org/10.1016/j.disc.2022.112991>

3) Araujo-Pardo G. Ramos-Rivera A., Jajcay R. Sz nyi T., "On a relation between bipartite biregular cages, block designs and generalized polygons" *J. Combin. Des.* 30. No.7, 479-496 (2022). <https://doi.org/10.1002/jcd.21836>

4) Araujo-Pardo G. Matamala M. "Chen and Chav tla's Conjecture on Tournaments" *European Journal of Combinatorics* 97 (2021) Paper No. 103374, 8 pp.

<https://doi.org/10.1016/j.ejc.2021.103374>

5) Araujo-Pardo G., Hubard I., Oliveros D., Shulte E. "Colorful Asociahedron and Cycloahedron". *Journal of Combinatorial Theory. Serie A* 129 (2015) 122--141.

Institutional responsibilities and memberships of scientific societies:

1. President of the Mexican Mathematical Society (2022-2026).

<https://smm.org.mx/index.php>

2. Secretary of the Boarding Committee at the Mathematical Union of Latin America and the Caribbean (UMALCA) since 2025. <https://www.umalca.org/>

3. Member as *Vocal* of the Boarding Committee at the Mathematical Union of Latin America and the Caribbean (UMALCA) 2023-2025. <https://www.umalca.org/>
4. Mexican Ambassador of the Committee of Women of Mathematics at the International Mathematical Union since August 2016. <https://www.mathunion.org/cwm>
5. Member of the Gender and Diversity Committee at the Mathematical Union of Latin America and the Caribbean (UMALCA) (September 2020- May 2022). <https://www.umalca.org/acerca/cgd/>
6. Mathematics Institute Juriquilla Ambassador of the Gender and Equality Committee at the Mathematics Institute UNAM (2019).
7. Member of the Gender and Equality Committee at Mexican Mathematical Society (2018-2019) <https://www.smm.org.mx/comision-de-equidad-y-genero/>
8. Member of the directive committee of the Mexican Mathematical Society (2012-2014) and Coordinator of the Gender and Equality Committee at the Mexican Mathematical Society (2013-2018).

Web page: https://www.matem-juriquilla.unam.mx/Gabriela_Araujo_Home