

Date	06/09/2026
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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	+52555622476 1	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: 126
Publications indexed in Web of Science: 116
h-index 10
Sum of times cited: 281
Citing articles 176

Mathscinet:

MR Author 717775
Total Publications: 88
Total Citations: 279

Scholar Google:

Citations 775
h-index 14
i10-index 28

SUMMARY

74 papers
3 chapters of books
34 papers on memories of conferences
120 Oral presentations at conferences
14 Head of research projects

6 Member of research projects

1.5 years of Postdoc at the Polytechnic University of Cataluña, Spain.

1.5 years of a Sabbatical Stance in Université Libre de Bruxelles, Belgium.

Member Level III of the National System of Researchers (SNII) SECHITI - México since 2024. Level D of the Program of rewards for efficiency (PRIDE) of the National Autonomous University of México (UNAM).

Advisor of the following graduated students:

4 theses of PhD.

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

13 undergraduate theses in mathematics.

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

Prizes and awards:

1) Apoyo Sofía-Kovalevskaja 2004 given by Sociedad Matemática Mexicana y la Fundación Sofía Kovalevskaja (Mexican Mathematical Society and Sofía Kovalevskaja Foundation)

2) Prize Sor Juana Inés de la Cruz, Instituto de Matemáticas, Universidad Nacional Autónoma de México, 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. Dalfó, M.A. Fiol y N. López, "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. Szönyi 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 Chavátla'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 of *the Board* 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