

<b>Date</b>	18/02/2024
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### PERSONAL INFORMATION

First and Family name	Martha Gabriela Araujo Pardo		
Social Security, Passport, ID number	G16981207	Age	55
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		
Address and Country	Circuito Ext. s/n, C.U., Coyoacán, Cd. de México, 04510		
Phone number	+52555622476 1	E-mail	<a href="mailto:garaujo@math.unam.mx">garaujo@math.unam.mx</a>
Current position	Titular Research B	From	01/07/2014
Espec. cód. UNESCO			
Palabras clave	Graph Theory, Combinatorics, Discrete Mathematics		

### Education

PhD	University	Year
Mathematics	Universidad Nacional Autónoma de México	2000

### Rankings:

#### Web of Science:

Total Documents: 99  
 Total Web of Science Core Collection publications: 53  
 h-index 9  
 Average citations per item 3.7  
 Average citations per year 8.95  
 Sum of times cited 170  
 Citing articles 49

#### Mathscinet:

MR Author 717775  
 Total Publications: 69  
 Total Citations: 213

#### Scholar google:

Citations 557  
 h-index 30  
 i10-index 20

### SUMMARY

62 papers  
 28 papers on memories of conferences  
 110 Oral presentations conferences  
 12 Head of research projects  
 6 Member of research projects  
 1.5 years of Posdoc in Politecnical University of Cataluña, Spain.  
 1 year of a Sabbatical Stance in Université Libre de Bruxelles, Belgium.

Member Level III of National System of Resercher (SNII) CONACHyT of 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:**

3 thesis of PhD.

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

12 undergraduate thesis in mathematics.

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

**Prizes and awards:**

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

**Last five publications:**

1) Araujo-Pardo, Rubio-Montiel C. "Achromatic arboricity on complete graphs". *Aequationes Mathematicae*. Publicado en línea en Noviembre de 2023.

<https://doi.org/10.1007/s00010-023-01000-w>

2) Araujo-Pardo G., Barrera-Cruz F., García-Colín N., "Biregular (and regular) planar cages" *Discusiones Mathematicae Graph Theory* 43 (2023), no. 4, 1171-1194.

arXiv:1811.07449v1. <https://doi.org/10.7151/dmgt.2425>

3) Aguilar F. Araujo-Pardo G, García-Colín N. "Scaffolding for the polyhedral embedding of cubic graphs" *Discusiones Mathematicae Graph Theory* 43 (2023), no. 2, 351–384

<https://doi.org/10.7151/dmgt.2379>

4) Araujo-Pardo G. López N., "On new record graphs close to bipartite Moore graphs". *Graphs and Combin.*38 (2022), no. 4, Paper No. 110, 14 pp.

5) 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>

**Institutional responsibilities, and memberships of scientific societies:**

1. Member of the directive committee of the Mexican Mathematical Society (2012-2014) and Coordinator of the Gender and Equality Comity at the Mexican Mathematical Society (2013-2018).
2. Member of the Gender and Equality Comity at Mexican Mathematical Society (2018-2019) <https://www.smm.org.mx/comision-de-equidad-y-genero/>

3. Mathematics Institute Juriquilla Ambassador of the Gender and Equality Comity at Mathematics Institute UNAM (2019).
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 Caribe (UMALCA) (September 2020- May 2022). <https://www.umalca.org/acerca/cgd/>
6. President of the Mexican Mathematical Society (2022-2026). <https://smm.org.mx/index.php>
7. Member of the Boarding Committee at the Mathematical Union of Latin America and Caribe (UMALCA) since 2023. <https://www.umalca.org/>

Web page: [https://www.matem-juriquilla.unam.mx/Gabriela\\_Araujo\\_Home](https://www.matem-juriquilla.unam.mx/Gabriela_Araujo_Home)