#  Curriculum Vitae

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| **PERSON RESPONSIBLE FOR THE MANAGEMENT OF THE APPLICATION (Academic coordinator)** |
| **Title**  | Professor, Doctor |  **First name** | Kazaros (Ghazaros) |
| **Surname** | Kazarian (Ghazaryan) |  *Mandatory* ⌧ Male 🞏 Female |
| **Department**  | Mathematics |
| **Position/Grade/Category** | Foreign Professor/ PhD, Doctor of Sciences /  |
| **Address**  | Cuidad Universitaria de Cantoblanco, Depto de Matemáticas, Mod. 17 |
| **Postcode** | 28049 |  **City** |   Madrid |
| **Country** | Spain |
| **Telephone 1** | +34 497 4489 | **Telephone 2** | +34 616561858 |
| **Fax** | +34 497 4489 | **Website**  |  |
| **Email** | kazaros.kazarian@uam.es |
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| **EDUCATIONAL BACKGROUND:** |
| 1. December 1989: Doctor of Sciences (Physics and Mathematics): The second degree (Habitation) awarded by the All-Union Highest Attestation Commission.
2. December 1985-June 1987: Senior Scientific Researcher Steklov Mathematics Institute.
3. June 1984 - December 1985: Senior Scientific Researcher Institute of Mathematics Armenian SSR Academy of Sciences.
4. June 1979: PhD (Mathematics) Institute of Mathematics Armenian SSR Academy of Sciences.
5. September 1976: Diploma of Mathematician (Yerevan State University).
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| **WORK EXPERIENCE:** |
| 1. October 1997 - Present: Foreign Professor Universidad Autónoma de Madrid, Spain
2. October 1992 - October 1997: Visiting Professor Universidad Autónoma de Madrid, Spain
3. August 1996- January 1997: Visiting Professor Indiana University, USA
4. September 1990-December 1991: Chief of the Department of Science and Informatics in the State Planning Committee of Republic of Armenia.
5. December 1991-October 1997 Leading Scientific Researcher, Institute of Mathematics National Academy of Sciences of Armenia
6. June 1984 - September 1990: Senior Scientific Researcher Institute of Mathematics Armenian SSR Academy of Sciences.
7. September 1976 - September 1976: Junior Scientific Researcher Institute of Mathematics Armenian SSR Academy of Sciences.
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| **PUBLICATIONS:** |
| 1. S. M Tabatabaie; K. S. Kazarian; G. Kamyabi; S. Jokar, The structure of finitely generated shift-invariant subspaces on locally compact abelian groups.  [Mediterr. J. Math.](https://mathscinet.ams.org/mathscinet/search/journaldoc.html?id=6001) 18 (2021), no. 1, Paper No. 27, 12 pp.

1. K. S. Kazarian and A. San Antolín, Wavelets and bidemocratic pairs in weighted norm spaces, Mathematical Notes, 104, 3-4(2018), pp. 508-517. ) ISSN 0001-434
2. K. S. Kazarian, S.S. Kazaryan and A. San Antolín, Wavelets in Weighted norm spaces, Tohoku Math. Journal, vol.70, 4(2018) ISSN 0040-8735
3. A. P. Horváth, K.S. Kazarian, The Dirichlet problem in weighted norm, Acta Math. Hungarica, Vol. 153, No 1 (2017), pp. 34--56. ISSN: 0236-5294.
4. K.S. Kazarian, Generalized Fourier series and shift-invariant subspaces, Contemporary Problems in Mathematics and Mechanics, V. 11,1(2016), 105-112, ISBN 978–5–211–05652–7
5. K.S. Kazarian, Some open problems related to generalized Fourier series, Special Functions, Partial Differential

Equations and Harmonic Analysis. Springer, 2014. ISBN 97833191054441. K.S. Kazarian, V.N. Temlyakov, Hilbert spaces of vector-valued functions generated by quadratic forms, Journal of Mathematical Analysis and Applications, 402, 334-347 (2013) ISSN 0022-247X
2. K.S. Kazarian, V.N. Temlyakov, Greedy bases in Lp spaces, Proceedings of the Steklov Institute of Mathematics, 280, 188-197 (2013) ISSN 0081-5438
3. K. S. Kazarian, A. San Antolín, Characterization of scaling functions in a frame multiresolution analysis in HG2 spaces, Topics in Classical Analysis and Applications in Honor of Daniel Waterman, 118-140(2008) ISBN 9789812834430
4. K. S. Kazarian, E. M. Semenov, S. N. Uksusov, Bases of rearrangement invariant spaces, Izvestiya Vuz. Matematika, 552, 48-54(2008) ISSN 0127-8274
5. K. S. Kazarian, W. Trebels, Shifted Jacobi multiplier sequences and transplantation between sine and cosine series, Math. Z. ,258, 43-54 (2008) ISSN 0025-5874
6. K. S. Kazarian, F. Soria, Weights with singularities and associated weighted Hp spaces, Acta Sci. Math.(Szeged), 73, 175-192(2008) ISSN 0001-6969
7. K. S. Kazarian, A problem of Ul’yanov, Sbornik Math., 197(12), 1805-1826(2006) ISSN 1064-5616
8. K. S. Kazarian, On the representation systems with respect to summation methods, Fourier Anal. and related topics, Banach Center Publ., 72, 111-117(2006) ISSN 0137-6934
9. P. Cifuentes, K. S. Kazarian, A. San Antolín, Characterization of scaling functions, Wavelets and Splines, 152-163 (2006) ISBN 9780972848266
10. P.L. Ulyanov, A.N. Bakhvalov, M.I.Dyachenko, K. S. Kazarian, P. Cifuentes, Real Analysis in problems, Fizmatlit, 1-416 (2005)(in Russian)
11. P. Cifuentes, K. S. Kazarian, A. San Antolín, Characterization of scaling functions in a multiresolution analysis, Proc. AMS, 133, 1013-1023, (2005) ISSN 0002-9939
12. K. S. Kazarian, The zero-one law for a complete orthonormal system, C.R.Acad.Sci.,339, 335-337(2004) ISSN 1631-073X
13. K. S. Kazarian, A complete orthonormal system of divergence, Jour. of Functional Analysis, 214, 284-311(2004) ISSN 0022-1236
14. K. S. Kazarian, E.M. Semenov, RUC-bases and the Olevskii system, Math. Notes, 75(3-4), 530-541(2004) ISSN 0001-4346
15. P. Cifuentes, M.I. Dyachenko, K. S. Kazarian, On the essential divergence in measure of multiple Fourier series, Moscow University Math. Bull., 58, 20-27(2003) ISSN 0579-9368
16. K. S. Kazarian, A complete orthonormal system of divergence, C.R.Acad.Sci.,337, 85-88(2003) ISSN 1631-073X
17. K. S. Kazarian, P.L. Ulyanov, On divergent Fourier series in orthogonal systems with bounded variations, Doklady Math., 67, 357-361(2003) ISSN 1064-5624
18. M.I. Dyachenko, K. S. Kazarian, Sharp estimate of the measure of the set of divergence of multiple orthogonal Fourier series, Stud. Math., 159, 33-50 (2003) ISSN 0039-3223
19. M.I. Dyachenko, K. S. Kazarian, On the sets of convergence and divergence of the multiple Fourier series, Sbornik Math. 193, 1281-1301(2002) ) ISSN 1064-5616
20. M.I. Dyachenko, K. S. Kazarian, On the divergence of multiple orthogonal series, Doklady Math., 66, 115-117(2002) ISSN 1064-5624
21. K. S. Kazarian, Necessary and Sufficient Conditions For a System to Be Quasibasis in Weighted Norm Spaces, Fourier Anal. and related topics, Banach Center Publ., 56, 69-79(2001) ) ISSN 0137-6934
22. K. S. Kazarian, A. Torchinsky, Subsystems of the Haar system as qausibasis in weighted Lp spaces, J. Contemp. Math. Anal., 36, 25-44(2001) ISSN 0002-3043
23. K. S. Kazarian, S. S. Kazarian, On the representations of functions of the Lr, 0< r <1 spaces, Geometry, analysis and applications, World Sci. Publ., 185-201(2001) ISBN 9789810246266
24. J.Garcia-Cuerva, K. S. Kazarian, V. I. Kolyada, Paley type inequalities for the orthogonal series with vector-valued coefficients, Acta Math. Hungarica, Vol. 90, (2001), pp. 159-192. ISSN: 0236-5294.
25. K. S. Kazarian, D. Waterman, Theorems on representations of functions by series, Sbornik Math. 191, 1873-1889 (2000) ) ISSN 1064-5616
26. R. Gundy, K. S. Kazarian, Stopping times and local convergence for spline wavelets, SIAM Jour. Analysis Math., 31, 561-573 (2000) ISSN 0036-1410
27. M. Grigorian, K. S. Kazarian, F. Soria, Mean convergence of orthogonal Fourier series of modified functions, Trans. Amer. Math. Soc., 352, 3777-3798 (2000) ISSN 0002-9947
28. K. S. Kazarian, J.Garcia-Cuerva, V. I. Kolyada, J.L. Torrea, Hausdorff-Young inequalities with vector-valued coefficients and related topics, Russian Math. Surveys, 53, 435-513 (1998) ISSN 0036-0279
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32. J. Garcia-Cuerva, K. S. Kazarian, J.- L. Torrea, On the Fourier type of Banach lattices, Lecture Notes in Pure and Applied Mathematics, 175, 169-179 (1996) ISBN 9780824797669
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34. J.Garcia-Cuerva, K. S. Kazarian, Spline wavelet bases of weighted Lp spaces, Proc. AMS, 123, 433-439(1995) ISSN 0002-9947
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41. K. S. Kazarian, P.L. Ulyanov, On a problem of Alexits with respect to divergence of orthogonal Fourier series, J. Soviet Math. 43, 132-136 (1991) ISSN 0025-5734
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50. K. S. Kazarian, Summability of generalized Fourier series and Dirichlets problem in Lp(dm) and weighted Hp-spaces, p>1, Anal. Math. 13,173-197(1987) ISSN 0133-3852
51. K. S. Kazarian, Weighted norm inequalities for some classes of singular integrals, Stud. Math., 86, 97-130 (1987) ISSN 0039-3223
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53. K. S. Kazarian, Summability of generalized Fourier series in the weighted metric and almost everywhere, Soviet Math. Doklady, 33, 416-419(1986) ISSN 0868-8044
54. K. S. Kazarian, Summability and convergence a.e. of the generalized Fourier and Fourier-Haar series, J. Contemp. Math. Anal., 20, 63-82(1985) ISSN 0002-3043
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56. K. S. Kazarian, Multiplicative completion of uniformly bounded orthonormal systems to bases in Lp, J. Contemp. Math. Anal., 18, 263-280(1985) ISSN 0002-3043
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58. K. S. Kazarian, A remark on the divergence of Fourier series, J. Contemp. Math. Anal., 18, 35-42(1983) ISSN 0002-3043
59. K. S. Kazarian, On some questions in the theory of orthogonal series, Math. USSR Sb., 47, 269-285(1982) ISSN 0025-5734
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66. K. S. Kazarian, On bases and unconditional bases in the weighted spaces Lp, Doklady AN ArmSSR, 65,271-275-(1977) ISSN 0321-1339
67. K. S. Kazarian, On the bases in the spaces Lp, p>1, obtained by multiplication of the minimal systems by a function from Lp, Doklady AN Arm.SSR, 64,151-155(1977) ISSN 0321-1339
68. K. S. Kazarian, On the multiplicative completion of basic sequences in Lp to bases in Lp, p>1, Doklady AN ArmSSR, 62,203-209(1976) ISSN 0321-1339
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| **ADDITIONAL INFORMATION:** |
| Communication skills* Multicultural communication skills gained by working in different countries and collaborating with colleagues worldwide, and teaching in Russian, Armenian, English, Spanish at very different educational levels.
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