CURRICULUM VITAE ABREVIADO (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

First name	Enrique		
Family name	de Amo Artero		
Gender (*)	Male	Birth date	----------
Social Security, Passport, ID number	----------		
e-mail	----------	----------	
Open Researcher and Contributor ID (ORCID) (*)		0000-0002-6886-1363	

(*) Mandatory

A.1. Current position

Position	Full Professor (CU)		
Initial date	2020		
Institution	University of Almería		
Department/Center			
Country	Spain	Teleph. number	----------
Key words	Finitely additive Measure Theory, Fractals and Chaos, Singular Functions, Copula Theory		

A.2. Previous positions (research activity interuptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
1988-1997	Temporary Associated Professor (TIEU & TEU)/UGR & UAL / Advancement
1997-2020	Associated Professor (TU) / UAL / Advancement

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Degree (M.A.)	Granada (UGR)	1987
Doctoral Thesis	Granada (UGR)	1994

(Include all the necessary rows)

Part B. CV SUMMARY *(max. 5000 characters, including spaces)*

Enrique de Amo Artero is Full Professor at University of Almería (UAL) since 2020. (Associate Professor, since October 1997 at UAL, as well.) He obtained at UGR his Degree in Maths Sciencies in 1987, and his Ph.D. in 1994. (Since 1988 to 1997 he worked as Substitute at UGR and UAL.) He is member of the Research Group “Análisis Matemático” FQM-194, and was the adviser of two doctoral thesis (2005 and 2010, the latter prized by the UAL).

He has published more than 30 papers in the JCR, with more than a half in the last ten years and in the Q1 position. He has published more than 15 papers in other journals out of the JCR, as well. Moreover, he was the spokesperson in more than 20 communications in their corresponding workshops, congresses, and meetings. He collaborates as referee for different journals that are placed in the Q1 (Q2, Q3, and Q4, as well) at the JCR, and also as reviewer

for the Mathematical Review. He was invited to give talks at Bucharest and Sibiu (Romania) and Monastir (Tunicia), where has written several papers and one book in collaboration.

Nowadays he is the principal investigator of the UAL-FEDER project UAL2020-AGR-B1783, entitled “Problemas extremos en cópulas y avances en funciones peculiares”. He has also have been the PI of the I+D+i Project MTM2014-60594-P, “Aplicaciones de la Teoría de la Medida y de la Teoría de Cópulas. Construcción de modelos estocásticos” (2015-2018), with collaborators in Austria (Salzburg University), Italy (Salento University), and Spain (UGR). He has participated with other three research projects.

He has refereed several research projects developed at Austria and United Arabian Emirates, and for competitive Spanish research groups.

He has co-organized three international meetings in Mathematics (“Congreso Internacional de Matemáticas del Mediterráneo en Almería”, CIMMA2005, Session on Copulas in the First Spanish-Italian Meeting (2014) celebrated in Bilbao, and the international meeting “Copulas and Their Aplications”, 2017, held in Almería, being its President).

He was President of the “Conferencia de Decanos de Matemáticas de España” (2011-2013), and Dean of “Facultad de Ciencias Experimentales de la UAL” (2009-2012 and 2015-2020).

He is the director of the PhD. International School of the University of Almería, since 2023 up to now.

Part C. RELEVANT MERITS *(sorted by typology)*

C.1. Publications *(see instructions)*

10 research papers (into the ten last years, from a total of more than 35, all Q1s):

- (2025) *Modeling directional monotonicity with copulas*, with D. García-Fernández, J.J. Quesada-Molina and M. Úbeda-Flores, Iranian J. of Fuzzy Systems, 135-146
- (2022) *A study of topological conjugacies between alternate representation systems*, with M. Díaz Carrillo and J. Fernández-Sánchez, RACSAM, 116-136
- (2022) *Several algorithms for constructing copula via *-product decompositions*, with M. Díaz Carrillo and J. Fernández-Sánchez, Fuzzy Sets and Systems, 451, 65-83
- (2022) *Best-possible bounds on the set of copulas with a given value of Spearman's footrule,* with G. Beliakov, J. Fernández-Sánchez and M. Úbeda Flores, Fuzzy Sets and Systems, 428, 138-152
- (2020) *Zero sets of copulas*, with J. Fernández-Sánchez and M. Úbeda Flores, Fuzzy Sets and Systems, 393, 143-149
- (2020) *Is it possible to define conditional expectations for positive charges?*, with C, Sempi, Fuzzy Sets and Systems, 379, 37-47
- (2017) *Extension of subcopulas*, with M. Díaz Carrillo, F. Durante, and J. Fernández-Sánchez, J Math Anal Appl, 452(1), 1-15
- (2017) *A Salem generalized function*, with M. Díaz Carrillo and J. Fernández-Sánchez, Acta Math Hungar, 151(2), 361-378
- (2016) *A family of singular functions and its relation with harmonic fractal analysis and fuzzy logic*, with M. Díaz Carrillo and J. Fernández-Sánchez, CEJM Open Math, 14, 1039-1052
- (2016) *Characterization of copulas with given diagonal and opposite diagonal sections*, with H. De Meyer, M. Díaz Carrillo and J. Fernández-Sánchez Fuzzy Sets and Systems, 284, 63-77

C.2. Congress, indicating the modality of their participation (invited conference, oral presentation, poster)
As organizer or co-organizer:

1. International meeting “Copulas and Their Applications”, 2017, held in Almería, being its President).

2. Session on Copulas in the First Spanish-Italian Meeting (2014) celebrated in Bilbao.

3. “Congreso Internacional de Matemáticas del Mediterráneo en Almería”, CIMMA2005

C.3. Research projects, indicating your personal contribution. In the case of young researchers, indicate lines of research for which they have been responsible.

1. Main Research of the I+D+i Project PID2021-122657OB-I00 (2021-2025) IP2

2. Main Research of the I+D+i Project UAL2020-AGR-B1783 (2020-2021). IP2

3. Main Research of the I+D+i Project MTM2014-60594-P (2015-2018). IP1

As participant investigator:

4. Ecuaciones no lineales (ref. A/018152/08) (2009-2010); Programa Marco de Cooperación Interuniversitaria e Investigación Científica (8.000,00€)

5. Estructuras no necesariamente asociativas, Análisis Funcional y aplicaciones (2008-2009); AECID-FEDER (9.840,00€)

6. Aplicaciones de la teoría de la medida a cópulas y funciones peculiares. Modelos de dependencia (2012-2015); Ministerio de Ciencia e Innovación (20.933,00 €)