

Delfim F. M. Torres--deleted

Subjects: Others | Mathematics, Applied

Contributor: Delfim F.M. Torres

Professor Dr. Delfim F. M. Torres D.Sc. (Habilitation) in Mathematics, Ph.D. in Mathematics Web of Science Highly Cited Researcher (2015, 2016, 2017 and 2019). Full Professor of Mathematics (Professor Catedrático) Department of Mathematics, University of Aveiro, 3810-193 Aveiro, Portugal. Director of the R&D unit CIDMA (<http://cidma.ua.pt>). Coordinator of the Systems and Control Group (<http://systems.cidma.ua.pt>). Director of the Doctoral/PhD Programme in Applied Mathematics (MAP-PDMA). Lifetime Member of The American Mathematical Society .

ISI Web of Science: <http://www.researcherid.com/rid/A-7682-2008>

Scopus: <http://scopus.com/authid/detail.url?authorId=7102800859>

MathSciNet: <http://www.ams.org/mathscinet/MRAuthorID/657307>

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Google Scholar: <http://scholar.google.com/citations?user=PAeWCi8AAAAJ>

ResearchGate: https://www.researchgate.net/profile/Delfim_F_M_Torres

arXiv: http://arxiv.org/a/torres_d_1.html

University of Aveiro: <http://www.ua.pt/dmat/pageperson.aspx?id=1107>

Keywords: Delfim F. M. Torres ; Mathematician ; Optimal Control ; Calculus of Variations ; BioMath ; Portuguese Scientist ; Highly Cited ; Director of CIDMA ; University of Aveiro ; Mathematics

Delfim F. M. Torres is a Full Professor of Mathematics at the Department of Mathematics of University of Aveiro (UA), Portugal, Director of the Center for Research and Development in Mathematics and Applications (R&D Unit CIDMA, <http://cidma.ua.pt>, with a Base Funding for 2020-2023 of 1185 KEuro plus a Programmatic Funding of 654 KEuro), and Coordinator of its Systems and Control Group.

He obtained a B.Sc. in Computer Science Engineering from the University of Coimbra in 1994, a M.Sc. in Optimization and Control Theory from University of Aveiro (UA) in 1998, a Ph.D. in Mathematics from UA in 2002, and Habilitation in Mathematics, UA, in 2011. His main research area is calculus of variations and optimal control; optimization (MSC 49-XX), with emphasis on the regularity of solutions and necessary optimality conditions, fractional derivatives and integrals (MSC 26A33), dynamic equations on time scales or measure chains (MSC 34N05), and Mathematical Biology (MSC 92D30).

Delfim F. M. Torres has written more than 400 scientific and pedagogical publications, including research papers in first class international journals, refereed conference proceedings, chapters in books, and books (as an author and also as an editor). In particular, he has co-authored two books about the Fractional Calculus of Variations with Imperial College Press, 2012 and 2015, and 3 books with Springer on Quantum Variational Calculus, Advanced Methods in the Fractional Calculus of Variations, and on Variable-Order Fractional Calculus of Variations, respectively in 2014, 2015 and 2019, and more than 100 papers in international journals ranked in the 1st quartile by ISI Web of Science and Scopus.

He has a strong experience in graduate and post-graduate student supervision and teaching in mathematics, both in Portugal and abroad.

Moreover, he has been team leader and member in several national and international R&D projects, including EU projects and networks. He was (2011-2014) a Key Scientist of the European Marie Curie Project SADCO (Sensitivity Analysis for Deterministic Controller Design), Network for Initial Training, under the 7th Framework Programme FP7-PEOPLE-2010-ITN, grant agreement number 264735-SADCO.

Torres is a *Highly Cited Researcher*, having been awarded the title in 2015, 2016, 2017, and 2019 (<https://recognition.webofsciencegroup.com/awards/highly-cited/2019/>).

Professor Torres is, since 2013, the Director of the FCT Doctoral Programme Consortium in Mathematics and Applications (MAP-PDMA) of Universities of Minho, Aveiro, Porto, and University of Beira Interior (contract PD/00166/2012, 1500 KEuro).

Nineteen Ph.D. students in Mathematics (<https://genealogy.math.ndsu.nodak.edu/id.php?id=63039>) and eleven post-docs have successfully finished under his supervision.

Delfim F. M. Torres has been married since 2003, and has 1 daughter and 2 sons.

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