

CURRICULUM VITAE
of Christos Chorianopoulos
Ph. D. Mathematics

Contact Information

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Research Interests

Numerical Linear Algebra, Theory of matrices, matrix functions and matrix equations. Spectral Estimates. Numerical ranges and their estimations for matrices and matrix functions. Spectral properties of matrix polynomials and quadratic eigenvalue problems. Orthogonality in normed spaces.

Studies

2011: PhD in Mathematics.

Institution: National Technical University of Athens, Department of Mathematics.

Title: *Birkhoff-James ϵ -Orthogonality Sets and Numerical Ranges.*

2007: M.Sc. Applied Mathematics (Streams of Applied Stats. and Applied Analysis).

Institution: National Technical University of Athens, Department of Mathematics.

2004: Degree in Mathematics.

Institution: University of Athens, Department of Mathematics.

Academic and Work Experience

- 09/2021 :** **Assistant Professor**, School of Engineering, Dept. of Electrical and Electronics Engineering, University of Western Attica, Egaleo, Greece
- 01/2021-08/2021:** **Adjunct Professor**, American College of Greece, Greece.
- 05/2018-12/2020:** **Part-Time Instructor**, American College of Greece, Greece.
- 10/2020-08/2021:** **Academic Scholar**, Dept. of Mathematics, University of Thessaly, Lamia, Greece.
- 10/2019-06/2020:** **Academic Scholar**, Dept. of Mathematics, University of Thessaly, Lamia , Greece.
- 09/2018-1/2019:** **Post-Doctoral Fellow**, National Technical University of Athens, Greece.
- 07/2014-06/2015:** **Post-Doctoral Fellow**, University of Regina, Canada.
- 09/2012-04/2013:** **Post-Doctoral Fellow**, University of Calgary, Canada.
- 08/2011-05/2012:** **Post-Doctoral Fellow**, University of Calgary, Canada.

Refereeing

Electronic Journal of Linear Algebra,
Journal of Applied Mathematics,
Electronic Transactions on Numerical Analysis

Peer Reviewed Journal Publications

- [J1] Christos Chorianopoulos, Sotirios Karanasios and Panayiotis Psarrakos. A definition of numerical range of rectangular matrices. *Linear and Multilinear Algebra*, **57** (2009), 459–475.
- [J2] Christos Chorianopoulos, Panayiotis Psarrakos and Frank Uhlig. A method for the inverse numerical range problem. *Electronic Journal of Linear Algebra*, **20** (2010), 198–206.
- [J3] Christos Chorianopoulos and Panayiotis Psarrakos. Birkhoff-James approximate orthogonality sets and numerical ranges. *Linear Algebra and its Applications*, **434** (2011), 2089–2108.
- [J4] Christos Chorianopoulos and Peter Lancaster. Inverse problems for Hermitian quadratic matrix polynomials. *Indagationes Mathematicae*, **23** (2012), 1070–1086.
- [J5] Christos Chorianopoulos and Panayiotis Psarrakos. On the continuity of Birkhoff-James ϵ -orthogonality sets. *Linear and Multilinear Algebra*, **61** (2013), 1447–1454.
- [J6] C. Chorianopoulos and P. Lancaster. An inverse problem for gyroscopic systems, *Linear Algebra and its Applications*, **465** (2015), 188-203.
- [J7] C. Chorianopoulos and Chun-Hua Guo, Numerical range for the matrix exponential function, *Electronic Journal of Linear Algebra*, **31** (2016), 633-645.
- [J8] Christos Chorianopoulos, A note on the structure of normal Hamiltonian matrices , *Operators and Matrices* **2** (2021), 15-31.