



Academic Personnel Short Profile / Short CV

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|---------------------------|----------------------------------|
| University: | Frederick University |
| Surname: | Charalambides |
| Name: | Marios |
| Rank/Position: | Assistant Professor |
| School: | Business and Law |
| Department: | Business Administration |
| Scientific Domain: | Mathematics, Applied Mathematics |

| Academic qualifications | | | | |
|-------------------------|------|--------------------------------------|----------------------------|--|
| Qualification | Year | Awarding Institution | Department | Thesis title (Optional Entry) |
| PhD in Mathematics | 2005 | University of Wisconsin Madison, USA | Mathematics | Stable Spectral Methods with No Spurious Eigenvalues |
| PhD Minor in Finance | 2004 | University of Wisconsin Madison, USA | Finance | N/A |
| Master of Arts | 2002 | University of Wisconsin Madison, USA | Mathematics | N/A |
| BSc (Pure Mathematics) | 2000 | University of Cyprus, Cyprus | Mathematics and Statistics | N/A |

| Employment history in Academic Institutions/Research Centers | | | | |
|--|---------|-----------------------------------|-----------------|---------------------|
| Period of employment | | Employer | Location | Position |
| From | To | | | |
| 2017 | present | Frederick University Cyprus | Nicosia, Cyprus | Assistant Professor |
| 10/2007 | 2017 | Frederick University Cyprus | Nicosia, Cyprus | Lecturer |
| 9/2005 | 10/2007 | Frederick Institute of Technology | Nicosia, Cyprus | Lecturer |

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|---------|---------|------------------------------------|----------------|--------------------|
| 09/2000 | 07/2005 | University of Wisconsin Madison | Wisconsin, USA | Research Assistant |
| 09/2000 | 07/2005 | University of Wisconsin Madison | Wisconsin, USA | Teaching Assistant |

| Key refereed journal papers, monographs, books, conference publications etc. | | | | | | |
|---|-------------|--|---|--|-------------|--------------|
| Ref. Number | Year | Title | Other authors | Journal and Publisher / Conference | Vol. | Pages |
| 1 | 2018 | A stochastic model with interacting managerial operating options and debt rescheduling | Nicos Koussis | European Journal of Operational Research | 267 | 236-249 |
| 2 | 2016 | The Spectrum of the Gegenbauer Collocation Approximation for the Second derivative Operator | N/A | Journal of Mathematical Analysis and Application | 433 | 1502-1512 |
| 3 | 2015 | Aquaculture Feed Management System Powered by Renewable Energy Sources: Investment Justification | Vassos Vasiliou, Michalis Menicou, Niki Chartosia, Eftichia Tzen, Evangelos Binopoulos, Panagiotis Papadopoulos, Alexandros Loukaides | Journal Aquaculture Economics and Management | 19 | 423-443 |
| 4 | 2014 | A New Property of a Class of Koornwinder Laguerre Polynomials | N/A | Integral Transforms and Special Functions | 25 | 634-646 |
| 5 | 2014 | A General Stability Theorem with Applications | N/A | Proceedings of American Mathematical Society | 142 | 191-197 |
| 6 | 2012 | Quality evaluation of residential houses: the development of a real-time quality assessment tool | Michalis Menicou, Vassos Vassiliou, Petros Christou | International Journal on Quality and Innovation | 2 | 80-104 |

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|----|------|---|----------------------------------|--|-----|-----------|
| 7 | 2010 | The distribution of zeros of a class of Jacobi polynomials | George Csordas | Proceedings of American Mathematical Society | 188 | 4345-4357 |
| 8 | 2008 | Gegenbauer tau methods with and without spurious eigenvalues | Fabian Waleffe | SIAM Journal on Numerical Analysis | 47 | 48-68 |
| 9 | 2007 | Spectrum of the Jacobi Tau Approximation for the Second Derivative operator | Fabian Waleffe | SIAM Journal on Numerical Analysis | 46 | 280-294 |
| 10 | 2005 | A new property of a class of Jacobi polynomials | George Csordas Fabian Waleffe | Proceedings of American Mathematical Society | 133 | 3551-3560 |

| Research Projects | | | | |
|-------------------|-----------|--|----------------|---|
| Ref. Number | Date | Title | Funded by | Project Role |
| 1 | 2010-2013 | Strengthening the scientific foundation of water quality programs. | European Union | Researcher |
| 2 | 2011-2013 | A smart feed management data tool for Cyprus' offshore aquaculture industry with the aid of a stand alone renewable energy system | NRPF | Researcher |
| 3 | 2009-2011 | A structured approach development for Cyprus' offshore aquaculture mooring requirements investigation and mooring scenario development | NRPF | Researcher / Member of the management committee |
| 4 | 2010-2011 | Operational Risk Management Tool | NRPF | Researcher / Member of the management committee |
| 5 | 2009-2011 | HiPP – Food Packaging Material for High Pressure Treatment | NRPF | Researcher / Member of the management committee |
| 6 | 2009-2011 | Development of a Real Time Quality Support System for the Houses Construction Industry | NRPF | Researcher / Member of the management committee |
| 7 | 2007-2009 | Operational models for process optimization in Cyprus' open-sea fish farming industry, ΤΕΧΝΟΙΧΘΥΣ. | NRPF | Researcher / Member of the management committee |