

CURRICULUM VITAE

MUNA MASAUD TABUNI

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Education:

2010 Ph.D., University of Bradford , Informatics School , United Kingdom.

Thesis topic: Zeros of analytic functions in finite quantum systems

Advisor: Prof. A. Vourdas

2003 MSc, Mathematics Department, Faculty of Sciences, University of Tripoli ,Tripoli, Libya.

Thesis topic: Complex Differential Spaces.

Advisor: Prof. T. Abolatty

1999 BSc, Faculty of Sciences, Mathematics Department, University of Tripoli ,Tripoli, Libya.

Research & Teaching Experience:

1/10/2017 - Associate Professor, Mathematics Department, Faculty of Sciences, University of Tripoli, Libya.

2013 –2017- Assistant Professor, Mathematics Department, Faculty of Sciences, University of Tripoli, Libya.

2010 –2013 Lecturer, Mathematics Department, Faculty of Sciences, University of Tripoli, Libya.

2007 – 2010 PhD Student, University of Bradford , Informatics School , United Kingdom.

2003 – 2006 Assistant lecturer, Mathematics Department, Faculty of Sciences, University of Tripoli, Libya.

2000 – 2003 MSc Student, Mathematics Department, Faculty of Sciences, University of Tripoli, Libya.

Courses Taught:

Complex analysis, Calculus1, Calculus2, Ordinary differential equation, Linear algebra, Advanced calculus, Advanced Ordinary differential , statics, Real analysis, Tensors, Coding theory

Technical Skills:

Matlab, Latex

Academic Networks:

Research Gate	Google scholar	ORCID
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Publications:

Journals and Conferences Papers:

- 1• Complex differential space
[Damascus University Journal for BASIC SCIENCES Vol. 19, No 1, 2003]
- 2• Zeros in analytic representations of finite quantum systems on a torus
[Phys. Scr., (2010)]
- 3• Zeros of Bargmann analytic representation in the complex plane
[World Academy of Science, Engineering and Technology, February 14-15, 2013 Kuala Lumpur, Malaysia]
- 4• Open problems on zeros of analytic functions in finite quantum systems
[World Academy of Science, Engineering and Technology, April 14-15, 2013 Venice, Italy]
- 5• Winding numbers of paths of analytic functions zeros in finite quantum systems
[World Academy of Science, Engineering and Technology, august 14-15, 2013 Kuala Lumpur, Malaysia]
- 6• Symplectic Transformations in Finite Quantum Systems
[The first conference of applied sciences-university of alzintan-libya-sep2017]
- 7• Bargmann analytic representation for two-mode systems
[International Journal of Mathematical Archive-5(5), 2014, 1-7 ISSN 2229 – 5046]
- 8• Behavior of the zeros of Theta functions in finite quantum
[The first conference of applied sciences-university of alzintan-libya-sep2017]
- 9• The behavior of the zeros of analytic functions of finite quantum systems with physical Hamiltonians
[Journal of Progressive Research in Mathematics(JPRM) ISSN: 2395-0218]
- 10• BCI/BCK-Quantum Algebra
[World Academy of Science, Engineering and Technology, Jun 3-4, 2021, Rome, Italy]
- 11• Q -ALGEBRA AND QUANTUM ALGEBRA
[Journal of Progressive Research in Mathematics(JPRM)]
12. Special Properties of the Zeros of the Analytic Representations of Finite Quantum Systems
[World Academy of Science, Engineering and Technology, Jun 3-4, 2021, Rome, Italy]
13. Development of the entire representation using the roots
[Journal of Progressive Research in Mathematics(JPRM)]
14. ON THE CHANGE OF THE BASIS OF FINITE QUANTUM SYSTEMS
[International Journal of Mathematical Archive-12(5), 2021, 1-7]
15. CONSTRAINTS ON THE ZEROS OF THE ANALYTIC THETA FUNCTIONS IN FINITE QUANTUM SYSTEMS
[THE SIXTH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS OCTOBER 30-31, 2021]
16. THE ROOTS OF THE ANALYTIC THETA FUNCTIONS FROM GENERALIZED THE WINDING NUMBERS
[International Journal of Mathematical Archive -12(10), 2021, 13-20]