QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

CURRICULUM VITAE

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1. Personal Data

Date of Birth: 7th of October 1978

Nationality: Jordanian

2. Education

- Ph.D. (Mathematics) 2013, University of Paderborn, Nordrhein-Westfalen, Germany

- M.Sc. (Mathematics) 2005, AABU University, Mafraq, Jordan

- B.Sc. (Mathematics) 2001, University of Qatar, Doha, Qatar

3. Ph.D. Dissertation

Lie group structures on groups of maps on non-compact spaces and manifolds,

- University of Paderborn, Nordrhein-Westfalen, Paderborn, Germany.

- Adviser: Professor Helge Gloeckner

4. Employment

Academic Positions

- Assistant Professor, Department of Mathematics, Al-Zaytoonah University of Jordan, Amman, Jordan, October 2016 - Nowadays

- Visiting Researcher, Stefan Banach International Mathematical Center, Institute of Mathematics, Polish Academy of Sciences, Poland, September 2015 to October 2015

- Research and Teaching Assistant, Institute of Mathematics, University of Paderborn, Germany, April 2011 to May 2013

- Mathematics Instructor, Ministry of Education, Jordan, September 2005 - May 2009

- Research and Teaching Assistant, Mathematics Department, AABU University, Jordan, October 2003 - April 2005

5. **Research Interests**

• Algebra and Topology

• Structure of infinite-dimensional Lie groups and Lie algebras

• Differential geometry

• Calculus in locally convex vector spaces and fractional calculus.

6. **Fellowships and Scholarships**

- IRTG Research Fellowship, Germany, October 2009 - March 2013.

- University of Qatar Scholarship, Qatar, October 1997 - July 2001.

7. **Grants**

- Geometry and analysis in function and mapping theory, Stefan Banach International Mathematical Center, Polish Academy of Sciences, Simons Semester, 2019, Poland.

- Dynamical Systems, Stefan Banach International Mathematical Center, Polish Academy of Sciences, Simons Semester, 2015, Poland.

- Geometry and Analysis of Symmetries Research grant, 2009 - 2011, German Research Society (DFG).

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

8. Teaching Experience

- *Undergraduate courses taught at Alzaytoonah university of Jordan*

Semester	Course Title	Semester	Course Title
1st semester 2016/2017	Abstract Algebra 1 Number Theory Topology Calculus 2 for Engendering Calculus for Pharmacy	1st semester 2019/2020	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology Calculus 2
2nd semester 2016/2017	Abstract Algebra 2 Number Theory Topology Calculus 2 Calculus 2 for Engendering	2nd semester 2019/2020	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology Calculus 2
Summer semester 2016/2017	Number Theory Abstract Algebra 1 Research Seminar	Summer semester 2019/2020	Number Theory Topology
1st semester 2017/2018	Abstract Algebra 2 Number Theory Topology Calculus 2 Calculus 2 for Engendering	1st semester 2020/2021	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology
2nd semester 2017/2018	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology Calculus 2	2nd semester 2020/2021	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology
Summer semester 2017/2018	Number Theory Topology	Summer semester 2020/2021	Abstract Algebra 2 Research Seminar
1st semester 2018/2019	Abstract Algebra 1 Abstract Algebra 2 Topology Calculus 2		
2nd semester 2018/2019	Abstract Algebra 1 Abstract Algebra 2 Number Theory Topology		
Summer semester 2018/2019	Abstract Algebra 1 Abstract Algebra 2		

- *Graduate courses taught at Alzaytoonah university of Jordan*

Semester	Course Title	Semester	Course Title
1st semester 2020/2021	Abstract Algebra 1 (Master)	Summer semester 2020/2021	Topology 1 (Master)

9. Membership of Committees

- *Alzaytoonah University of Jordan*

2016/2017 Chair of the examinations Committee
2016/2017 Member of the course plan development and updating procedures committee
2017/2018 Chair of the examinations Committee
2017/2018 Member of the course plan development and updating procedures committee
2018/2019 Chair of the course plan development and updating procedures committee
2018/2019 Member of the quality assurance committee (Faculty Level)
2019/2020 Chair of the course plan development and updating procedures committee
2019/2020 Member of the quality assurance committee (Faculty Level)
2020/2021 Chair of the graduate study committee
2020/2021 Member of the course plan development and updating procedures committee

- *Professional*

- Chair of Mathematical Modeling and Analysis track, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), April 9-11 Amman, Jordan.

- Member of the technical program committee, The 10th International Conference on Information Technology (ICIT 2021), July 14-15, Amman, Jordan.

- Member of the technical program committee, The 12th Jordanian Int'l Electrical and Electronic Eng. Conf. (JIEEEC 2021), November 16 – 18, Amman, Jordan.

10. Professional and Scientific Meetings

Participation in Scientific meetings

• Catania Set Theory and Topology Conference 2020: The Generalization of Exponential Law under First Countable Assumptions, University of Catania, Italy, February 18-21, 2020

• The 10th International Conference on Information Technology (ICIT 2021): Tubes in the Euclidean 3-space with coordinate finite type Gauss map (with Hassan Al-Zoubi and Tareq Hamadneh) Amman, Jordan, July 14-15, 2021

• Workshop on Geometry and analysis in function and mapping theory on Euclidean and metric measure spaces, Banach Center, Warsaw - Poland, October 7-18, 2019

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- Workshop on Topics in Analysis and Holomorphic Dynamics: Banach Center, Warsaw - Poland, September 15-19, 2015

- Fractal Geometry and Dynamics: IMPAN-CB Research and Conference Center, Bedlewo - Poland, October 12-16, 2015

- Invited talk: New classes of infinite-dimensional Lie groups, University of Greifswald, Germany, January 7, 2014

- Conference Seminar Sophus Lie: Darmstadt - Germany, October 5-6, 2012

- Conference Seminar Sophus Lie: Luxembourg - Luxembourg, June 15-16, 2012

- Conference Seminar Sophus Lie: Reims - France, February 9-11, 2012

- Conference Seminar Sophus Lie: Erlangen - Germany, July 15/16, 2011

- NWDFA - Kolloquium: Bergische Universitaet Wuppertal - Germany, July 9, 2011

- Conference Seminar Sophus Lie: Marburg - Germany, January 6/7, 2011

- Conference Seminar Sophus Lie: Mulhouse - France, April 22-24, 2010

- Workshop on Non-Archimedean Analysis, Lie Groups and Dynamical Systems, University of Paderborn - Germany, February 8-12, 2010

- CIMPA Summer School: Codes over Rings, Middle East Technical University Turkey, August 18-29, 2008.

11. Publications

- Alzaareer, H. "*Lie groups of C^k-maps on non-compact manifolds and the fundamental theorem for Lie group-valued mappings*". Journal of Group Theory, vol. , no. , 2021, pp. 00001015152018020. https://doi.org/10.1515/jgth-2018-0200

- Alzaareer, H. "*Differential calculus on multiple products*". Indagationes Mathematicae, Volume 30, Issue 6, (2019), 1036-1060

- MA Hammad, H Alzaareer, H Al-Zoubi, H Dutta, "*Fractional Gauss hypergeometric differential equation*", Journal of Interdisciplinary Mathematics 22 (7), (2019), 1113-1121.

- H Al-Zoubi, H Alzaareer, T Hamadneh, MA Rawajbeh, "*Tubes of coordinate finite type Gauss map in the Euclidean 3-space*". Indian journal of math. 62 (2), (2019), 171-182.

- Alzaareer, H. and Schmeding, A. "*Differentiable mappings on products with different degrees of differentiability in the two factors*". Expositiones Mathematicae, Volume 33(2), 184-222 (2015), DOI: 10.1016/j.exmath.2014.07.002.

- Alzaareer, H. "*Lie Groups of Mappings on Non-Compact Spaces and Manifolds.*" Universiteatsbibliothek - Paderborn, 134 pages, 2013 (see nbn-resolving.de/urn:nbn:de:hbz:466:2-11572).

- Bataineh, A. and Alzaareer, H. "*On a generalized difference sequence spaces over non-Archimedean fields and related matrix transformations*". [J] Commun. Korean Math. Soc. 20, No. 4, 723-729.