



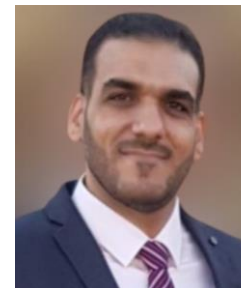
Ahmad S. S. Alhasanat C.V.



## CURRICULUM VITAE

**Ahmad Salman Salem Alhasanat**

June 2021



### PERSONAL

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*Place of Birth* Wadi Musa, Jordan  
*Date of Birth* November 7, 1985  
*Marital Status* Married  
*Nationality* Jordanian  
*Work Address* Department of Mathematics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan. Phone: +962-3-2179000 Ext.:**6302**,  
E-mail: [hasanat85@ahu.edu.jo](mailto:hasanat85@ahu.edu.jo)  
*Academic Rank (date)* Assistant Professor (2017)  
*Permanent Address* 17810, J. Cell Phone:+962-76711896, E-mail: hasanat85@yahoo.com

### ACADEMIC QUALIFICATIONS

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2013 – 2017 **Ph.D.**, Applied Math, Memorial University, St. John's, Canada.  
2007 – 2010 **M.Sc.**, Mathematics, Mutah University, Al-Karak, Jordan.  
2003 – 2006 **B.Sc.**, Mathematics, The University of Jordan, Amman, Jordan.

### SPECIALTY

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*General Specialization:* Mathematics  
*Specialization :* Applied Mathematics – Differential Equations

### CAREER HISTORY

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Sept. 2017 – Present **Assistant Professor**, Department of Mathematics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan.  
Sept.2013 – Sept. 2017 **Teaching Assistant**, Department of Mathematics and Statistics, Faculty of Science, Memorial University, St. John's, Canada.



Ahmad S. S. Alhasanat C.V.



Jan. 2012 – Sept. 2013	<b>Lecturer</b> , Department of Mathematics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan.
Feb. 2011 – Jan. 2011	<b>Lecturer</b> , Department of Mathematics, College of Science, King Khalid University, Abha, KSA.
Sept. 2010 – Feb. 2011	<b>Trainer</b> , Education Experts, Riyadh, KSA.
Sept. 2006 – Sept. 2010	<b>Teacher</b> , Ministry of Education, Jordan.

## ADMINISTRATIVE EXPERIENCE

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### *Positions*

Sept. 2019 – Present	Chairman of Mathematics Department, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan
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### *Committees*

Sept. 2017 – Present	Department and/or Collage committees, Al-Hussein Bin Talal University, Jordan.
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## HONORS, SCHOLARSHIPS, AWARDS AND GRANTS

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2017	<b>Graduate School Fellowship</b> The title of Fellow of the School of Graduate Studies was awarded in recognition of outstanding academic achievement throughout a graduate program, Memorial University, Canada, 2017-2018, <a href="https://www.mun.ca/sgs/current/funding/fellows.php">https://www.mun.ca/sgs/current/funding/fellows.php</a>
2013	<b>Scholarship</b> Scholarship from Al-Hussein Bin Talal University – Jordan to do PhD degree in Applied Mathematics at Memorial University– Canada, 2013.
2003	<b>Scholarship</b> Scholarship from Ministry of Higher Education and Scientific Research – Jordan to study Bachelor in Mathematics at the University of Jordan – Jordan, 2003

## PROFESSIONAL MEMBERSHIPS AND SERVICES

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### *Membership(s)*

- N.A.

### *Service(s)*

- N.A.

## RESEARCH INTEREST

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- Differential Equations
- Applied Dynamical Systems
- Numerical Analysis
- Graph Theory

## PUBLICATIONS

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### *Peer-reviewed journal articles*

- **Alhasanat, A.,** Ou, C. On the conjecture for the pushed wavefront to the diffusive Lotka–Volterra competition model. *J. Mathematical Biology.* V. 80, pp. 1413–1422 (2020).
- **Alhasanat, A.,** Ou, C. Minimal-speed selection of traveling waves to the Lotka–Volterra competition model. *J. Differential Equations.* V. 266, pp. 7357-7378 (2020)
- **Alhasanat, A.,** Ou, C. On a Conjecture Raised by Yuzo Hosono. *J. Dynamics and Differential Equations,* 31, 287–304 (2019).
- **Alhasanat, A.,** Ou, C. Stability of Traveling Waves to the Lotka-Volterra Competition Model. *Complexity,* V. 2019, pp. 1-11 (2019).
- Bilal N. Al-Hasanat, **Ahmad S. Al-Hasanat** . Order Graph: A new representation of finite groups. *International Journal of Mathematics and Computer Science,* V. 14, pp. 809–819 (2019).
- **A Alhasanat,** C Ou. Periodic Steady-state Solutions of a Liquid Film Model via a Classical Method. *Canadian Mathematical Bulletin,* V. 61, pp. 3-15 (2018).
- **A Alhasanat,** C Ou. Existence and stability of the steady state solution of a thin film on an inclined periodic solid substrate under gravity. *Asymptotic Analysis,* V. 104, pp. 191-207 (2017).



***Books and book chapters***

- N.A.

***Patents***

- N.A.

**CONFERENCES AND PROCEEDINGS** \_\_\_\_\_

- N.A.

**TEACHING** \_\_\_\_\_

***Courses Taught-undergraduate***

- Pre-Calculus.
- Calculus (1, 2, and 3).
- Introduction to Statistics and Probability.
- Linear Algebra.
- Euclidean and non-Euclidean Geometry.
- Ordinary Differential Equations (1 and 2).
- Selected Topics in Differential Equations.
- Partial Differential Equations.

***Courses Taught-postgraduate***

- N.A.

**SKILLS** \_\_\_\_\_

***Languages***

- Arabic (native)
- English (excellent)

***Computer Programs***

- General computer skills (Excellent)
- Math Software's: Matlab, Maple, and Latex (Excellent)