

Curriculum Vitae

1. Name : Mohammad Salameh Taleb Almousa

2. Rank: Assistant Professor, Mathematics

3. Degrees with fields, institution, and date:

B. Sc. in Mathematics, Al al-Bayt University, Jordan, 2005/2006 (very good).

M. Sc. in Mathematics, Al al-Bayt University, Jordan, 2010/2011 (very good).

Ph.D. in Mathematics, University Sains Malaysia, Malaysia, 2014/2015.

4. Academic Experience:

Associate Professor: Amman Arab University/2015 till now.

Teaching : Ministry of Education (Jordan), 6 years.

Teaching: International Schools, Penang-Malaysia, 3 years.

5. Non- Academic Experience:

None

6. Certifications or Professional Registrations:

ICDL Certified (Jordan)

Maple Software (Malaysia)

Workshop in Fundamental of convective heat and mass transfer (Malaysia)

Certificate of Courses in intensive english programme (Malaysia)

Minitab Software (Jordan)

7. Current Membership in Professional Organizations:

Reviser at many scientific journals.

8. Honors and Awards:

Many certificates of presentations (Conferences) such as: 3rd conference on mathematical sciences 2011, Zraqa Private University, Jordan, SIMPOSIUM KEBANGSAAN SAINS MATEMATIK KE-21, Penang, Malaysia and International Conference on Quantitative Sciences & Its Applications (ICOQSIA 2014).

9. Service Activities:

Acting Head of mathematics department, Amman Arab University, 1/9/2018-Present.

10. The most Important Publications in Last five years:

[1] Almousa, M., Ismail, A., Optimal homotopy asymptotic method for solving the linear Fredholm integral equations of the first kind. Abstract and Applied Analysis, Volume 2013 (2013), Article ID 278097, 6 pages.

- [2] Almousa, M., Ismail, A., Numerical solution of Fredholm-Hammerstein integral equations by using optimal homotopy asymptotic method and homotopy perturbation method. AIP Conference Proceedings 1605, 90 (2014); doi: 10.1063/1.4887570.
- [3] Almousa, M., Ismail, A., Solution of two-dimensional Fredholm integral equation of the first kind by using optimal homotopy asymptotic method. International Journal of Research and Reviews in Applied Sciences, December (2013), Vol. 17 Issue 3.
- [4] Almousa, M., Ismail, A., Rashid, A., A numerical method for solving Urysohn type integral equations. International Journal of Mathematical Analysis, Vol. 8, 2014, no. 23.
- [5] Almousa, M., Ismail, A., Exact solutions for systems of linear and nonlinear Fredholm integral equations by using optimal homotopy asymptotic method. Far East Journal of Mathematical Sciences (FJMS), Volume 90, no. 2, 2014, 187-202.
- [6] Almousa, M., Ismail, A., Equivalence between homotopy perturbation method and Adomian decomposition method in solving two-dimensional linear Fredholm integral equations. AIP Conference Proceedings 1635, 45 (2014); doi: 10.1063/1.4903561.
- [7] Almousa, M., Ismail, A., The solution of high dimensional Fredholm integral equations using homotopy perturbation method. AIP Conference Proceedings 1635, 52 (2014); doi: 10.1063/1.4903562.
- [8] Almousa, M., Ismail, A., A comparison between solving of two-dimensional nonlinear Fredholm integral equations of the second kind by the optimal homotopy asymptotic method and homotopy perturbation method. Walailak Journal of Science and Technology (WJST), Vol 12, no. 11, 2015.
- [9] Almousa, M., The solutions of three dimensional Fredholm integral equations using Adomian decomposition method, International Conference On Mathematical Science and Statistics, 2016.
- [10] Almousa, M., Semi-analytic algorithms for high dimensional integral equations, International Conference On Mathematical Science and Statistics, 2016.
- [11] Almousa, M., A NEW APPROACH FOR SOLUTION OF LINEAR TIME-DELAY INTEGRAL EQUATIONS VIA Z-DECOMMISSION METHOD, Far East Journal of Mathematical Sciences (FJMS), 2017.
- [12] Almousa, M., Solution of Second Order Initial- Boundary Value Problems of Partial Integro-Differential Equations by using a New Transform: Mahgoub Transform, European Journal of Advances in Engineering and Technology 5 (10), 802-805, 2018.

[13] Almousa, M., Adomian Decomposition Method with Modified Bernstein Polynomials for Solving Nonlinear Fredholm and Volterra Integral Equations, *Mathematics and Statistics* 8(3), 278-285, 2020 .

[14] Al-Qudah, F Yousafzai, MM Khalaf, Almousa, M., On $(2, 2)$ -regular non-associative ordered semigroups via its semilattices and generated (generalized fuzzy) ideals, *Mathematics and Statistics* 8(3), 353-362, 2020.

[15] Almousa, M., et al. Mahgoub Adomian Decomposition Method For Solving Newell-Whitehead-Segel Equation, *International Journal of Mathematics and Statistics Invention (IJMSI)*, 8(1), 2321-4739, 2020.

[16] Almousa, M., et al. Solution of Heat and Wave Equations using Mahgoub Adomian Decomposition Method, *International Advance Journal of Engineering* 3(1), 7-11,2020.

11. Institutional Professional Development Activities in the last five years:

Attended several specialized development workshops, such as: Improving teaching skills and Fundamental of convective heat and mass transfer.