

# Hussien Abd El Sapor

## *Curriculum Vitae*



### Personal Data

Full Name **Hussien abd El Sapor Ahmed**  
Nationality Egyptian  
Address Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt  
Date of Birth 01 Jan. 1983  
Mobiles +201148082847  
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major specialization **Elasticity**  
Current position **Associate Professor**  
Homepage [Please Click Here](#)  
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Google Scholar [Please Click Here](#)

### Research Interest

Elasticity

### Scopus Information's

Scopus ID	No. of articles in Scopus	Citations in Scopus	h-index in Scopus
57337287700	6	6	1

### Work Experience

2022 - to date Associate Prof. at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.  
2015-2022 Lecturer at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.  
2012-2015 Lecture Assistant at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.

2007-2012 Instructor at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.

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## Education

- 2015 **Ph.D in Applied Mathematics (Soliton Theory)** , *Sohag University, Sohag, Egypt*
- 2012 **Master Degree in Applied Mathematics (Soliton Theory)** , *Sohag University, Sohag, Egypt*
- Oct. 2009 **Pre-Master of Science in Mathematics**, *Sohag University, Sohag, Egypt*
- June 2015 **Bachelor's Degree of Science (Major: Mathematics, V.G with honor degree)**, *Sohag University, Sohag, Egypt*

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## Master Thesis

- Title *Soliton and Periodic Solutions of Some Nonlinear Partial Differential Equations Using New Methods*
- Supervisors 1-Prof. Dr. El Sayed.M.A.Osman.Professor of Mathematics, Faculty of Science, Sohag University. 2-Dr. Mohammed Kalafallah El-Boree Lecturer of Mathematics ,Faculty of Science,South Valley University.

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## Ph. D. Thesis

- Title *Analytical Methods for Some Equations in Soliton Theory*
- Supervisors 1- Prof. Dr.Zeinhom .M. G. Kishka Professor of Mathematics,Faculty of Science, sohag university. 2- Prof. Dr. El Sayed.M.A.Osman.Professor of Mathematics, Faculty of Science, Sohag University. 3- Dr.Mohammed Kalafallah El-Boree Lecturer of Mathematics ,Faculty of Science,South Valley University.

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## Publications

1. E. Osman, M. Khalfallah, H. Sapor, "Improved  $(G\acute{G})$ -expansion Method for Elliptic-like Equation and General Traveling Wave Solutions of Some Class of NLPDEs", International Journal Information Sciences Letters, Inf. Sci. Lett. 2, No. 2, 123-127 (2013).
2. E. Osman, M. Khalfallah, H. Sapor, "Finding General Solutions of Nonlinear Evolution Equations by Improved  $(G\acute{G})$ - expansion Method", International Journal Mathematical Sciences Letters, Math. Sci. Lett. 3, No. 1, 1-8 (2014).
3. E. Osman, M. Khalfallah, H. Sapor, "Conservation Laws for a Degasperis Procesi Equation and a Coupled Variable-Coefficient Modified Korteweg-de Vries System in a Two-Layer Fluid Model via the Multiplier Approach ", International Journal of Partial Differential Equations, Volume 2014, Article ID 904252, 5 pages.
4. Abdelmooty M. Abd-Alla1, Fatimah S. Bayones, Hussien Sapor.(2019). Thermal Stresses in a Thermoelastic Hollow Cylinder Subjected to Magnetic field. Sohag Journal of Sciences. 4, No. 3, 15- 21).
5. H. Sapor, and Hilal M. Y. Al-Bayatti (2021). Deriving Higher Order Rogue Waves Solutions in the Nonlinear System Using a Symbolic Computation Approach. Applied Mathematics & Information Sciences. 15, No. 5, 613-619.
6. A Abdalla1, I Abbas and H Sapor.(2022). The Effects of Fractional Derivatives of Bio-Heat Modelin Living Tissues using Analytical-Numerical Method. Information Sciences Letters. 11, No.

- 1, 7-13.
7. A Abdalla1, I Abbas and H Sapor.(2022). The numerical estimation of temperature in living tissue with energy dissipation using nonlinear bioheat model. Indian Journal of Physics. Article in Press.
  8. A Abdalla1, I Abbas and H Sapor.(2022). Nonlocal heat conduction approach in biological tissue generated by laser irradiation. Advances in Materials Research (South Korea). 11, No. 2 , 111-120
  9. A. M. Abd-Alla, Ibrahim A. Abbas, S. M. Abo-Dhab, Yasmine Elmhedy, Hussein Sapor & M. A. Abdelhafaz .(2022). Effect of magnetic field and heat transfer on peristaltic flow of a micropolar fluid through a porous medium .Waves in Random and Complex Media Article in Press.
  10. A Abdalla1, I Abbas ,fathi anwar and H Sapor.(2022). The Effects of thermal relaxation times in living tissues under the TPL bio-heat model with experimental study. Advances in Materials Research (South Korea). Date received 19-3-2022 Final submission Accepted.
  11. A Abdalla1, I Abbas ,fathi anwar and H Sapor.(2022). A numerical solution of 2-D single-phase-lag (SPL) bio-heat model using alternating direction implicit (ADI) finite difference method Sohag Journal of Sciences 7 (3), 131-141

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## Projects

- 2020 The numerical estimation of temperature in living tissue with energy dissipation using nonlinear bio-heat model 6513

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## Conferences

1. Attended and presented a research paper as a contribution in first International Conference on Mathematics Information Security (ICMIS), Sohag, Egypt, 13-15 Nov**2009**.
2. Attended and presented a research paper as a contribution in second International Conference on Mathematics Information Sciences (ICMIS), Sohag, Egypt, 9-12 Sep **2011**.
3. Attended and presented a research paper as a contribution in the First Scientific Conference, Faculty of Science, Sohag University, Egypt, 19 April**2016**

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## Languages

- Arabic Native  
English TOEFL from English Language Center at Sohag University (score 510).

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## Computer Skills

- Expert International Computer Driving License ICDL.

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## Social skills

- Member of the organizing committee of the first Scientific Conference, held at the Faculty of Science Sohag University