

CURRICULUM VITAE

Professor/ Mohamed Abd El-Latif Soliman Hawary



1- PERSONAL DETAILS:

- **Surname** : Soliman Hawary
- **First Name** : Mohamed
- **Middle Name** : Abd El-Latif
- **Work Address** : Mathematics Department, Faculty of Science, Assiut University, Assiut, Egypt.
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- **Home Address** : West University Building, Block “H” Flat “7” Assiut, Egypt.
- **Date of Birth** : May, 4th, 1940.
- **Place of Birth** : Qena, Egypt.
- **Nationality** : Egyptian.
- **Marital Status** : Married.
- **Dependants** : Five.
- **Religion** : Muslim.
- **E-mail Address** : solim123@aun.edu.eg

2- ACADEMIC QUALIFICATIONS:

Degree	Institute, City, Country	Subject	Period	Grade
B.Sc	Assiut University, Assiut, Egypt	Mathematics and Physics	1958-1962	Very Good
Qualifying Courses	Assiut University, Assiut, Egypt	Mathematics	1963-1964	Distinction
M.Sc	Assiut University, Assiut, Egypt	Differential Geometry	1964-1966	Distinction
Diploma	Mathematics Institute Academy of Science, Warsaw, Poland	Topology	1967-1968	Distinction
Ph.D	Kiev State University, Soviut Union	Differential Geometry	1968-1972	Distinction

3- PROFESSIONAL BACKGROUND:

- **Demonstrator:** Department of Mathematics, Faculty of Science, Assiut University, Assiut, Egypt, 1962-1966
- **Assistant Lecturer:** Department of Mathematics, Faculty of Science, Assiut University, Assiut, Egypt, 1966-1973
- **Lecturer of Mathematics:** Department of Mathematics, Faculty of Science, Assiut University, Assiut, Egypt, 1973-1978
- **Associate Professor:** Department of Mathematics, Faculty of Science, Assiut University, Assiut, Egypt, 1978-1982
- **Professor:** Department of Mathematics, Faculty of Science, Assiut University, Assiut, Egypt, 1982 till now

4- RESEARCH WORK AND EXPERIENCE:

- **Master of Science:** The title is “Surfaces of Revolution in Spherical Space” from Assiut University in 1962.
- **Diploma:** The title is “Functional Analysis and Foundation of Mathematics” from Poland in 1968.
- **Doctor of Philosophy:** The dissertation in the subject of “Differential Line Geometry” from Soviet Union in 1972.
- **Visiting Professor:** At the Institute of Geometry, Dresden University of Technology, Germany in November 2008.

5- TEACHING:

- **Lecturer:**
 - Mathematics for undergraduate and postgraduate students in Faculty of Science, Faculty of Engineering, Faculty of Education, and Faculty of Agriculture, **Assiut University**, Assiut, Egypt

- Mathematics for undergraduate and postgraduate students in Faculty of Science, **King Abd El-Aziz University**, Jeddah, Kingdom of Saudi Arabia, 1980-1984.
- Mathematics for undergraduate and postgraduate students in **Faculty of Science for Girls**, Dammam, Kingdom of Saudi Arabia, 1995-2000.
- **Supervisor:**
 - Supervised about **32** Masters thesis and **24** Ph.D. dissertations
- **Examiner:**
 - Examined many Masters thesis and Ph.D. dissertations

6- PUBLICATIONS:

- Have about **80** publications in differential geometry, global Analysis, and Geometry using computer programming. The following are the recent publications:
 - 1- **Soliman, M. A.**, Abdel-All, N. H., Hassan, S. A., and Dahi, E. “Gauss Map Singularities of Inversion Hypersurface in R^{n+1} .” *Fifth Saudi Science Conference*, April 16-18, 2012.
 - 2- **Soliman, M. A.**, Abdel-All, N. H., et al. “Construction of associated dual rules surfaces.” *Fifth Saudi Science Conference*, April 16-18, 2012.
 - 3- Abdel-All, N. H., **Soliman, M. A.**, Hussien, R. A., and El-Nini, W. M. Geometric Image Edge Detection Techniques. *Int. J. Math. Comput. Applics. Res*, Vol. 3, 1-14, 2013.
 - 4- **Soliman, M. A.**, Abdel-All, N. H., R. A. Hussien and Wadah M. El-Nini. “Extraction of Ridges on 2-Dimensional Images.” *Ciência e Técnica Vitivinícola*, Vol.30 No.4, 311-325, April, 2015.

- 5- **Soliman, M. A.**, Abdel-All, N. H., S. A. Hassan and S. Q. Saleh “Frenet Surfaces with Pointwise 1-Type Gauss Map.” *Wulfenia Journal*, Vol.22 No.1, 169-181, 2015.

6- **MEMBERSHIPS OF PROFESSIONAL ORGANIZATIONS:**

- Egyptian Mathematical and Physical Societies.
- Indian Mathematical Society.
- Japanese Tensor Society.
- French World Association for Educational Sciences (AMSE).
- National Committee for Promoting Professors and Associate Professors in Mathematics (1987-2008).
- Committee for Development of Mathematics in Science, Engineering, and Education Faculties.

7- **RESEARCH INTEREST:**

- Differential Geometry (Local & Global), Differential Line Geometry, Non-Euclidean Differential Geometry, Manifolds of Lines, Geometrical Optics, Integral Geometry, Projective geometry, Projective Differential Geometry, Transformation Groups and Kinematics, Computational Geometry, Geometry Using programming, Graphics in Geometry, Tensors and Vectors Analysis, Riemannian Geometry, and Theory of Relativity (Minkovesky & Lagrangian Geometry).

8- **CONFERENCES:**

- The 1st Arab Scientific Conference, Cairo, Egypt, 1973.
- The 13th Scientific Conference of Egyptian Abroad, London, UK, March 1979.

- The 14th and 15th Annual Conferences of Statistics Computer Science Operation Research and Mathematics, 1979-1980.
- The International Conference of Mathematics, Assiut, Egypt, 1990.
- The International Conference of Engineering Math's and Physics, Assiut, Egypt 1991.
- The 25th National Conference of Geometry and Topology, Romania, 1995.
- The 2nd International Conference on Basic and Advanced science, Assiut, Egypt, 2000.
- Workshop in Teaching Mathematics Using Mathematica and Matlab Programs, Assiut, Egypt.
- Fourth Saudi Science Conference (Contribution of Science Faculties in the Development Process of Kingdom of Saudi Arabia), March 21-24th, 2010.
- International Workshop on Line Geometry and Kinematics (IW-LGK-11), Paphos, Cyprus, April 26-30, 2011.