Mohamed Khalifa

Curriculum Vitae

Personal Data

Full Name	**Mohamed Khalifa A. Saad**
Nationality	Egyptian
Address	Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt
Date of Birth	05 June 1977
Mobiles	+201005883077
Email	mohamed_khalifa77@hotmail.com, mohamed_khalifa77@science.sohag.edu.eg
major specialization	**Mathematics (Differential Geometry)**
Current position	**Associate Professor**
Scopus	Please Click Here
Orcid	Please Click Here
Google Scholar	Please Click Here
Research Gate	Please Click Here

Research Interest

Differential Geometry, Computational Geometry of Curves and Surfaces.

Scopus Information's

Scopus ID	No. of articles in Scopus	Citations in Scopus	h-index in Scopus
54079723900	20	28	3

Teaching (Undergraduate Courses)

Advanced Linear Algebra, Non-Euclidean Geometry, Advanced Differential Geometry.

Education

2009 **Ph.D. in Mathematical , Mathematics Department**, *Sohag University*, Sohag, *Egypt, cooperation of Dresden University of Technology, Germany*

2003 **Master Degree of Science in Mathematical , Mathematics Department**, *Sohag University*, Sohag, *Egypt*

Publications

1. On Involute-Evolute Curve Couple in the Hyperbolic and de Sitter Spaces, 1. Journal of the Egyptian Mathematical Society, 27 (2019), No. 25.
2. Constructing a new frame of spacelike curves on timelike surfaces in Minkowski 3-space, WSEAS TRANSACTIONS on MATHEMATICS, 19 (2020), Art. No. 24, 247-252.
3. Generating Bezier Curves for Medical Image Reconstruction, Results in Physics, 23 (2021), 103996.
4. Evolution Equations of Pseudo Spherical Images for Timelike Curves in Minkowski 3-Space, Mathematics and Statistics 10(4) (2022): 884-893.

Projects

2020 I participated in a research project as Co-Researcher in The Academy of Scientific Research and Technology, Egypt, under Science UP grant No. (6653), 2020 .

Conferences

1. Geometry day in Magdeburg University, Magdeburg, Germany, 2007.
2. The 13th International Conference on Geometry and Graphics. (ICGG) August 4-8, Dresden, Germany, 2008.
3. The 1st International Conference on Mathematics and Information Security (ICMIS09), Sohag, Egypt, 2009.
4. The 1st International Workshop on Line Geometry and Kinematics (IW-LGK11), April 25-30, Paphos, Cyprus, 2011.
5. The 2nd International Conference on Mathematics and Information Security (ICMIS), Sohag, Egypt, 2011.
6. The 3rd Conference of Young Researchers, Sohag, Egypt, 2012.
7. The 15th International Conference on Geometry and Graphics (ICGG), August 1-5, Montréal, Canada, 2012.
8. International Conference on Mathematics, Trends and Development ICMTD12, 27 – 29 Dec., Cairo, Egypt, 2012.
9. International Conference on New Horizons in Basic and Applied Science, 21 - 23 Sep., Hurghada, Egypt, 2013.
10. The 2nd International Conference on Mathematics and Information Security (ICMIS), Luxor, Egypt, 2013.
11. The 6th International Conference on Mathematics and Information Sciences (ICMIS), Zewail City, Cairo, Egypt, 2017.

Languages

| Arabic | Native |
| English | Very Good |

Computer Skills

| Expert | Microsoft Office, Mathematical Programs (Mathematica, MathCade, Mable, Matlabe). |

Social skills

Excellent