



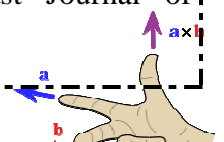
# Curriculum Vitae

Dr. M. Khalifa Saad



<b>Personal Data</b>	<p><b>Last Name:</b> Khalifa Abdel-Wahab Saad</p> <p><b>Firs name:</b> Mohamed</p> <p><b>Date of birth:</b> 05- 01- 1977</p> <p><b>Place of birth:</b> Sohag / Egypt</p> <p><b>Scientific name:</b> M. Khalifa Saad</p> <p><b>E-mail:</b> <a href="mailto:Mohamed_khalifa77@science.sohag.edu.eg">Mohamed_khalifa77@science.sohag.edu.eg</a>  <a href="mailto:Mohamed_khalifa77@hotmail.com">Mohamed_khalifa77@hotmail.com</a></p> <p>Web site: <a href="http://www.sohag-univ.edu.eg/staff_sites/khalifa.html">http://www.sohag-univ.edu.eg/staff_sites/khalifa.html</a></p> <p>Google Scholar: <a href="http://scholar.google.com/citations?user=P-CSD-wAAAAJ">http://scholar.google.com/citations?user=P-CSD-wAAAAJ</a></p>	 <b>Dr. M. Khalifa Saad</b>
<b>Schools</b>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>1982 – 1988</b> Primary School: Tolihat / Sohag.</li> <li><input checked="" type="checkbox"/> <b>1988 – 1991</b> Prep School : Tolihat / Sohag.</li> <li><input checked="" type="checkbox"/> <b>1991 – 1994</b> Military Secondary School: Tahta / Sohag.</li> </ul>	
<b>Academic Qualifications</b>	<ul style="list-style-type: none"> <li>◆ B. Sc. Mathematics, Faculty of Science, South Valley University (Sohag), Egypt 1999.</li> <li>◆ M. Sc. Mathematics “ Differential Geometry”, Faculty of Science South Valley University (Sohag), Egypt 2003.</li> <li>◆ Complementary studies of PhD thesis “Computational Differential Geometry” Dresden University of Technology (TUD), <i>Dresden, Germany 2007-2009.</i></li> <li>◆ PhD. Mathematics “Computational- Differential Geometry, Faculty of Science, Sohag University, Egypt 2009.</li> </ul>	
<b>Employment History</b>	<ul style="list-style-type: none"> <li>○ Demonstrator: Full time (2000- 2003) Math. Department, Faculty of Science, South Valley University, Egypt.</li> <li>○ Assistant Lecturer: Full time (2003- 2009) Math. Department, Faculty of Science, South Valley University, Egypt.</li> <li>○ Lecturer of Mathematics: Full time (2009-2015) Math. Department, Faculty of Science, Sohag University, Egypt.</li> <li>○ <b>Lecturer of Mathematics: Full time (2015 until now) Math. Department, Faculty of Science, Islamic University in Madinah, KSA.</b></li> </ul>	
<b>Research Interests</b>	<ul style="list-style-type: none"> <li>◇ Classical Differential Geometry, Line Geometry and Computational Geometry.</li> <li>◇ Non-Euclidean Geometry and its applications</li> <li>◇ Bezier and B-spline curves and surfaces.</li> <li>◇ Rational curves and surfaces.</li> <li>◇ Industrial curve and surface applications.</li> <li>◇ Minkowski Space-Time Geometry.</li> <li>◇ Galilean and pseudo-Galilean Geometry</li> </ul>	

1. **M. Khalifa Saad**, Gunter Weiss. *Curvature Lines and Normal Congruence of Rectangular Bézier Patches*. Proc. 13<sup>th</sup> Internat. Conf. On Geometry and Graphics Dresden / Germany **2008**.
2. **M. Khalifa Saad**, H. S. Abdel-Aziz. *Weingarten Timelike Tube Surfaces around a Spacelike Curve in Minkowski Space-Time*, Int. Journal of Math. Analysis, Vol. 5, **2011**, no.25, 1225 - 1236.
3. **M. Khalifa Saad**, G. Weiss , H. S. Abdel-Aziz, M. Solliman. *An attempt to define null Bertrand curves in a pseudo-Euclidean space*. Proc. 1<sup>st</sup> Internat. Workshop on Line Geometry and Kinematics, Paphos / Cyprus **2011**.
4. **M. Khalifa Saad**, H. S. Abdel-Aziz. *Space-like Bézier curves in four-dimensional Minkowski space*. 2<sup>nd</sup> International Conference on Mathematics and Information Security (ICMIS), Sep. 10-13, Sohag, Egypt, **2011**.
5. **M. Khalifa Saad**, H. S. Abdel-Aziz. *Null Bertrand Curves on Surfaces and their Darboux Frames in Minkowski Space-Time*, International Journal of Mathematics and Statistics, Vol. 11, Issue 1, **2012**.
6. **M. Khalifa Saad**, H.S. AbdelAziz, Gunter Weiss and M. Solliman. *On Space-like Bézier Curves in Minkowski Space-time and its applications in computer aided geometric design*. Accepted in 15<sup>th</sup> Internat. Conf. On Geometry and Graphics Montréal / Canada **2012**.
7. **M. Khalifa Saad**, Gunter Weiss. *Curvature Lines and Normal Congruences of Triangular Bezier Patches*. Journal for Geometry and Graphics 16 (**2012**), No. 1, 029--040.
8. **M. Khalifa Saad**, Sezai Kiziltug, H.S. AbdelAziz,. *On Parallel Surfaces of Weingarten Type in Minkowski 3-Space*. International Mathematical Forum, Vol. 7, no. 46, 2293 - 2302, **2012**.
9. **M. Khalifa Saad**, H.S. Abdel-Aziz, D. M. Farghal. *Spherical indicatrices of special curves in the Galilean space  $G^3$* . Dig. Proc. Internat. Conf. On Mathematics, Trends and Development (ICMTD<sub>12</sub>), Cairo/ Egypt, **2012**.
10. **M. Khalifa Saad**, H.S. Abdel-Aziz, A.A. Abdel- Salam. *On implicit surfaces and their intersection curves in Euclidean 4-space*. Dig. Proc. Internat. Conf. On Mathematics, Trends and Development (ICMTD<sub>12</sub>), Cairo/ Egypt, **2012**.
11. **M. Khalifa Saad**, H.S. Abdel-Aziz, A.A. Abdel- Salam. *Tangential intersection curve of two ruled surfaces in Euclidean 3-space*. International Journal of Mathematics and Statistics, Vol. 14, Issue 2, **2013**.
12. **M. Khalifa Saad**, H.S. Abdel-Aziz, S. A. Mohamed. *Dual spherical curves of Bishop frame in Dual space  $D^3$* . International Conference on New Horizons in Basic and Applied Science, Hurghada, Egypt, **2013**.
13. **M. Khalifa Saad**, H. S. Abdel-Aziz and D. M. Farghal. *On Smarandache curves in the Galilean and pseudo-Galilean Spaces*. 3<sup>rd</sup> International Conference on Mathematics and Information Security (ICMIS), Dec. 28-30, Luxor, Egypt, **2013**.
14. **M. Khalifa Saad**, H. S. Abdel-Aziz and A. A. Abdel-Salam. *On Implicit Surfaces and Their Intersection Curve in Euclidean 4-Space*. Houston Journal of Mathematics, 40(2), 339-352, **2014**.
15. **M. Khalifa Saad** and H. S. Abdel-Aziz, *Darboux frames of Bertrand curves in the Galilean and pseudo-Galilean spaces*. JP Journal of Geometry and Topology, 16 (1) (**2014**), 17–43.
16. **M. Khalifa Saad** and H. S. Abdel-Aziz, *Smarandache curves of some special curves in the Galilean 3-space*. Honam Mathematical J. 37(2) (**2015**), 253-264.
17. **M. Khalifa Saad**, *Spacelike and timelike admissible Smarandache curves in pseudo- Galilean space*. Journal of the Egyptian Mathematical Society (**2016**) 24, 416-423.
18. **M. Khalifa Saad** and H. S. Abdel-Aziz, *Classifications of Bertrand and AW(k)-type curves according to the equiform geometry of pseudo-Galilean 3-space*. Far East Journal of Mathematical Sciences(FJMS) (accepted in May 25, **2016**).



Conferences	<ul style="list-style-type: none"> <li>• Geometry day in Magdeburg University, <b>Magdeburg, Germany, 2007</b>.</li> <li>• The 13<sup>th</sup> International Conference on Geometry and Graphics. (ICGG) August 4-8, <b>Dresden, Germany, 2008</b>.</li> <li>• The 1<sup>st</sup> International Conference on Mathematics and Information Security (ICMIS09), <b>Sohag, Egypt, Nov. 2009</b>.</li> <li>• The 1<sup>st</sup> International Workshop on Line Geometry and Kinematics (IW-LGK11), April 25-30, <b>Paphos, Cyprus, 2011</b>.</li> <li>• The 2<sup>nd</sup> International Conference on Mathematics and Information Security (ICMIS), <b>Sohag, Egypt, Sep. 2011</b>.</li> <li>• The 3<sup>rd</sup> Conference of Young Researchers, <b>Sohag, Egypt, May. 2012</b>.</li> <li>• The 15<sup>th</sup> International Conference on Geometry and Graphics (ICGG), August 1-5, <b>Montréal, Canada, 2012</b>.</li> <li>• International Conference on Mathematics, Trends and Development <b>ICMTD12, 27 – 29 Dec., Cairo, Egypt, 2012</b>.</li> <li>• International Conference on New Horizons in Basic and Applied Science, 21 - 23 Sep., <b>Hurghada, Egypt, 2013</b>.</li> <li>• The 2<sup>nd</sup> International Conference on Mathematics and Information Security (ICMIS), <b>Luxor, Egypt, Dec. 2013</b>.</li> </ul>
Activities and Skills	<ul style="list-style-type: none"> <li>▪ International Computer Driving License (ICDL).</li> <li>▪ Set of Faculty and Leadership Development Training Courses.</li> <li>• Computer Program: M.S Office, Scientific Programs: Mathematica, Maple, MATHCAD, And Scientific Workplace.</li> <li>• Supported monitor tests for ICTP Projects at Sohag University.</li> </ul>
Languages	<p><b>English:</b> Good</p> <ul style="list-style-type: none"> <li>- Passed an institutional TOEFL test held at Sohag ESP Center with a total score of <b>503</b>.</li> </ul> <p><b>German:</b> Good</p> <ul style="list-style-type: none"> <li>- Attend and passed an institutional German course at Assiut University, Egypt.</li> <li>- Two years complementary studies of PhD thesis at Dresden University of Technology, Dresden / Germany, <b>2007-2009</b>.</li> </ul>

Last Modification: 25.05.2016

Dr. M. Khalifa Saad

Tel:	002 (093) 2322992
Mobil:	002 (0100) 7620614 : 00966509485805
Fax:	002 (093) 4601159

