

Curriculum Vitae



Name: Samah Gaber Mohamed

Position: lecturer in Math.Department.

E-mail: samah_gaber2000@yahoo.com

Address: Egypt, Assiut University, Faculty of Science, Math.
Department.

Language: Arabic-Mother Tongue.
English-Good

Academic qualifications

Degree	Date	University	Specialization
Ph.D.	2013	Kobe, Japan	Differential Geometry
M.Sc.	2003	Assiut, Egypt	Differential Geometry
B.Sc.	1997	South Valey Univ. Qena Egypt	Mathematics

Fields of Interest

Differential geometry.

Experiences

Lecturer from 2013 till now.

Lecturer assistant from 2003-2013.

Demonstrator, from 1997- 2003.

Courses Taught

I have been teaching the following undergraduate courses:
Analytic Geometry & Calculus, Special functions, Euclidean
Geometry, Linear Algebra, Differential geometry and Ordinary
Differential Equations.

Publications

1- N. H. Abdel-All, R. A. Hussien and Samah G. Mohamed,
"Variational problem and stability for hypersurfaces of revolution",
Assuit Univ. J. of Mathematics and Computer Science, 37 (2),
(2008), 1-13.

2- N. H. Abdel-All, R. A. Hussien and Samah G. Mohamed, *"The
Willmore flow near surface of revolution"* .Int ; Conference on
Math.Egyptian Maths. Society, Cairo, Egypt, 28-31 Dec.2002.

3- Nassar H. Abdel-All, H. S. Abdel-Aziz, M. A. Abdel-Razek , S.
G. Mohamed, A. A. Khalil, *" Evolution of Surfaces Patched by
Principal Patch"*, Wulfenia journal, Vol . 22, No. 1; Jan (2015),
395-406.

4- Samah G. Mohamed, *"Explicit Examples of Motions of
Inextensible Curves in Spherical Space S^3 "*, Appl. Math. Inf. Sci.
Lett. 2, No. 3, (2014), 77-83.

5- Nassar H. Abdel-All, Samah G. Mohamed, Mariam T. Al-
Dossary, *"Evolution of Generalized Space Curve as a Function of
Its Local Geometry"*, J. Applied Mathematics, 5, (2014), 2381-
2392.

6- Shoichi Fujimori, Samah G. Mohamed and Mason Pember, "Maximal Surfaces In Minkowski 3-Space With Non-Trivial Topology And Corresponding CMC 1 Surfaces In DE Sitter 3-Space ", Kobe Journal of Mathematics, **33** (2016), 1-12

7- R. A. Hussien and S. G. Mohamed, "*Generated Surfaces via Inextensible Flows of Curves in \mathbf{R}^3* ", Journal of Applied Mathematics, (2016), Article ID 6178961, 8 page. <http://dx.doi.org/10.1155/2016/6178961>.

8- Samah G. Mohamed, "*Binormal motions of inextensible curves in de-sitter space $S^{2,1}$* ", J. of the Egyptian Math. Soc., Volume 25, Issue 3, 313-318, (2017).
(pdf: <https://doi.org/10.1016/j.joems.2017.04.002>)

9- Samah G. Mohamed , "*Inextensible Flows of Spacelike Curves in De-Sitter Space $S^{2,1}$* ", accepted in Appl. Math. Inf. Sci. Lett (2018).

10- Samah G. Mohamed, "*A Study on Motions of Curves According to Type1 – Bishop Frame in \mathbf{R}^3* ", submitted.

Conferences and Workshops Attendance:

1. "International Conference on Mathematics Trends and Developments", Cairo, Egypt, 28-31 Dec. 2002.

2. GEOSOCK Seminar (The 3rd) "**Geometry and Visualization**" (Osaka University-Osaka City University-Kobe University-Kyushu University Joint Geometry Seminar) , May 13 (Wed.) 2009, Osaka City University Academic Extension Center (OCUAEC).

3. **"The 57th geometry symposium in Japan, 2010"**, 6-9 August 2010, Kobe University, Japan.

4. RIMS Workshop "**Differential Geometry of Submanifolds**", RIMS, Kyoto Univ., 27-29 June, 2011.

5. **"The 10th Pacific Rim Geometry Conference 2011 Osaka-Fukuoka"**, Part I; at Osaka City University Sugumoto Campus, Media Center), on December 1-5-2011. Part II; at Kyuhsu University, on December 7-9-2011.

6. **"RIM Geometry Conference 2011 Osaka-Fukuoka"**, Japan, Dec 1-5, 2011.

7. **"3rd International Conference on Mathematics & Information Science"**, 28-30 Dec. 2013, Luxor, Egypt.

8. **"One Day Conference of Mathematics & its Applications"**, Assiut Univ., Egypt, 14 April 2016.

9. **"The Fifth International Conference for Young Scientists In Basic and Applied Sciences, Recent Approaches In Basic and Applied Sciences"**, Assiut Univ., Egypt, 29-31 October 2016.

Training Programs:

1. The training program "**Effective Teaching Skills**", Sep. 2005

2. The training program "**Selected Topics in Teaching**", Sep. 2005.

3. The training program "**Effective Communication Skills**", Feb. 2006.

4. The training program "**Thinking skills**", March 2006.

5. The training program "**Effective Presentation Skills**", March 2006.

6. The training program "**Teaching to Large groups & Micro-Teaching**", May 2007.
7. The training program "**Credit hours system**", 15-17 March 2008.
8. The training program "**Code of Ethics**", 14-15, October 2014.
9. The training program "**Quality Standards in Teaching**", 21-22, October 2014.
10. The training program "**Research Team Management**", 28-29, October 2014.
11. The training program "**Student Evaluation**", 8-9, November 2014.
12. The training program "**Legal and Financial Aspects in University Environment**", 25-26, November 2014.
13. The training program "**Strategic Planning**", 29-30, November 2014.