Curriculum Vitae

Name: TAHSIN MUSTAFA GHAZAL

Place and date of birth: Tulkarm – 24/2/1947

Nationality: Jordanian

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Position: Associate Professor

University Degrees:

1. B.Sc. degree in mathematics, Cairo University, Egypt, 1970.
2. M.Sc. degree in Mathematics, Birmingham University, England, 1974.
3. Ph.D. degree in Mathematics (Algebraic Topology), London University, England, 1979.

Experience:

1. High School Teacher, Ministry of Education, Jordan, 1970-1973.
2. Assistant Professor, Yarmouk University, Jordan, 1979-1980.
3. Assistant Professor, King Saud University, Saudi Arabia, 1980-199993.
4. Associate Professor, King Saud University, Saudi Arabia, 1993 up to now.

Courses Taught At B.Sc. level:

1. 101 Math. Differential Calculus.
2. 102 Math. Integral Calculus.
3. 103 Math. General Mathematics I for Architecture students.

4. 104 Math. General Mathematics II for Architecture students.

5. 131 Math. Foundation of Mathematics.

6. 151 Math. Discrete Mathematics.

7. 201 Math. Differential and Integral Calculus.

8. 203 Math. Differential and Integral Calculus. (for Engineering students).

9. 373 Math. Introduction to Topology.

10. 382 Math. Functions of Several Variables.

11. 474 Math. General Topology.

12. 475 Math. Introduction to Algebraic Topology.

13. 499 Math. Project. (The projects given in the following subjects: Fundamental group, Singular Homology and Cohomology, Function spaces, Dimension theory, compactification, Quotient and Attaching spaces, Seperation and Countability axioms, Complete metric Spaces.)

Courses Taught At M.Sc. level:

1. 570 Math. Topology and Calculus in R^n.

2. 571 Math. Singular Homely and Cohomology.

3. 572 Math. K-Theory.

4. 573 Math. Differentiable Manifolds

5. 574 Math. Advanced Course in Algebraic Topology.

6. 575 Math. Selected Topics in Topology and Geometry.

7. 600 Math. Thesis.

Courses Taught At Ph.D. level:

676 Math. Homotopy Theory.

685 Math. Algebra of function spaces.

M.Sc. Thesis Supervised:

1) **Thesis Title:** On equivarient K-Theory and the classifying space $E(\pi,\Gamma)$

Student Name: Maysoom Khalaf.

2) **Thesis Title:** Fundamental groups of manifolds of negative curvature

Student Name: Khulood Loubani

3) **Thesis Title:** Study of some aspects in K- theory

Student Name: Noura Al-Shehri

4) **Thesis Title:** On Obstructions of Orientability of Spherical Fibrations in Mod *p K*-Theory.

Student Name: Suha Al-Shaikh

5) **Thesis Title:** Maps Between Classifying Spaces.

Student Name: Rabab Al-Yusof

Ph.D. Thesis Supervised:

Thesis Title: Geometry of Unit Tangent Bundle of a Riemannian Manifold

Student Name: Suha Al-Shaikh

Administrational Experience:

1. Chairman of the Accreditation Committee, Mathematics Dept. King Saud University.

2. Member of the Development and Quality Mathematics Dept. King Saud University.

3. Chairman of the B.Sc. Programs Committee, Mathematics Dept. King Saud University.

4. Chairman of the Topology and Geometry Committee, Mathematics Dept. King Saud University.

5. Representative of the Math. Dept. at the College of Sciences Research Center 1981-1983.

6. Chairman of the Founding committee of the Saudi Association for Mathematical Sciences.

7. Member of the Executive committee of the Saudi Association for Mathematical Sciences. (1992-1996).

8. Chairman of the organizing committee of the first scientific meeting of the Saudi Association for Mathematical Sciences.

9. Chairman or member of several temporary committees in the mathematics department.

10. Examiner of several M.Sc. and Ph.D. Thesis.

11. Member of the plans and academic committee of the college of sciences. King Saud University.

12. Chairman of the committee responsible for writing the B.Sc. , M.Sc. and Ph.D. programs for the girls colleges.

13. Referee For Some Mathematical Journals.

14. Member Of The Editorial Board of Qassim University Scientific Journal.

15. Contributing To Two Symposiums Held And Published By Riyadh News Paper.

16. Member Of The Committee of The Silver Jubilee Celebration O f King Saud University.

Conferences Attended:

1. Conference of Geometry and Algebra, Kuwait University, Kuwait, 8-12 Feb. 1981.

2. The first international conference in Mthematics at the Gulf Area, King Saud University, 17-21 Oct. 1982.

3. Conference of the first scientific meeting of Saudi Association for Mathematical Sciences, King Saud University, 24-26 shawal.

4. One day seminar in Super Riemannian geometry. Cambridge University, July 1988.

5. Symposium On Global Analysis And Probability. Qassim University , 26\5 – 28\5\2008. (Delivered A Lecture Titled " ON Certain Aspects of K – Theory").

6. One Day Mathematics Conference; King Saud University, 1430/1431.

Published Books and Articles:

1. H. Hamidah; T Ghazal; A. Arrashed. Differential and Integral Calculus Part II. King Saud University; Riyadh; 1986.

2. T. Ghazal ; M. Damlakhi; S. Albrahim. Differential and Integral Calculus of functions of several variables. Alkhareji for Publishing and Distributions.

3. T. Ghazal. General Topology; To Appear Soon.

4. T. Ghazal. Modern Mathematics; Riyadh News Paper; 1401 H.

Published Papers:

1- Tahsin Ghazal, Some remarks on the orientability of spherical fibrations. Arab Gulf J. Scient. Rec. Math. Phys. Sci. V 6(3), 1988, 321- 327.

2- Tahsin Ghazal, On obstructions to $K^*(\ ;Z/2)$ - orientability. Arab Gulf J.Scient. Rec. Math. Phys. Sci. V 8(2), 1990, 1-15.

3- Tahsin Ghazal, Ahmad Sharary, and Najeib Zaguia. On minimizing the jump problem for interval orders. Order 4, 1988, 341- 350.

4- Sharief Deshmukh and Tahsin Ghazal, CR- Submanifolds of the six dimensional sphere. Math. Chronicle 18, 1988, 31- 34.

5- Tahsin Ghazal, A new example in K-Theory of loop spaces. Proc. Amer. Math. Soc. Vol. 107 No. 3, 1989, 855- 856.

6- Tahsin Ghazal and Sharief Deshmukh, Submanifolds of Euclidean space with parallel curvature vector. Internat. J. Math. & Math. Sci. Vol. 14 No. 3, 1991, 533-536.

7- Sharief Deshmukh and Tahsin Ghazal, 3-Dimensional minimal Submanifolds of a sphere. Soochow Journal of Mathematics , Vol. 18 No.2, 1992, 159-162.

8- Sharief Deshmukh and Tahsin Ghazal, and Huda Hashem, Submersions of CR- Submanifolds on an almost Hermitian manifold. Yokohama Mathematical Journal, Vol. 40, 1992, 45-57.

9-Tahsin Ghazal, Hyper surfaces in a sphere. Pan American Mathematical Journal, 2 No. 2. 1992, 79-82.

10- Tahsin Ghazal, A characterization of Einstein manifolds. J. Of Indian Academy of Mathematics, Vol. 15 No. 2, 1993, 148-150.

11- Tahsin Ghazal, and K. Loubani, On Riemannian manifolds satisfying curvature conditions. Algebras, Groups and Geometries, Vol. 11 No. 1, 1994, 1-8.

12- Tahsin Ghazal, Submanifolds of Euclidean space with parallel mean curvature vector. Far East J. Of Math. Sci., 3(1), 2001, 169-176.

13- Tahsin Ghazal, Cohomology of CR- Submanifolds of Quasi Kachler Manifolds. International Journal Of Pure And Applied Mathematics. Vol. 52, No. 5, 2009, 711-715.

14- Tahsin Ghazal, $\alpha-$ topological groups. Under Preparation.