

HAILA MOHAMMED ALODAN

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CITIZENSHIP: Saudi.

EDUCATION: 2001 Ph.D., King Saud University, Riyadh, Saudi Arabia.
Dissertation: *Geometry of Submanifolds with parallel Mean curvature Vector.*

1991 M.S., King Saud University, Riyadh, Saudi Arabia.
Dissertation: *On Cliques and Stable Sets of Perfect Graph*

1985 B.S. (Honors), Applied Mathematics, Florida
Institute of Technology, Florida, U. S.A.

TEACHING EXPERIENCE:

King Saud University, Riyadh, Saudi Arabia.

Professor: (2021- Present).
Associate Professor: (2011- 2021).
Assistant Professor: (2001- 2011).
Lecturer: (1991- 2001).
demonstrator: (1985- 1991).

Examined dissertations:

Two Ph.D. dissertations.
Seven M.S. dissertations.

Advised dissertations:

Two student on their Ph.D. dissertation (assistant advisor).
Three student on their M.S. dissertation (one of them as assistant advisor).

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

1. *The Mathematical Association of America.*
2. *American Mathematical Society.*
3. *Marathwada Mathematical Society.*
4. *Saudi Association for Mathematical Sciences.*

ADMINISTRATIVE EXPERIENCE:

1. *Vice dean of admission and registration . (2008-2013).*
2. *Full-time consultant at Higher Education Ministry. (2014-2017).*

PULICATIONS:

1. **Alodan, Haila, A conformal Class of Riemannian Metrics, New Zealand J. Math.,vol.28(1999) p. 1-5.**
2. **Alodan, Haila, Deshmukh,Sharief, Compact Submanifolds of an Euclidean Space, Int. J. Applied Math. Vol.5 no.3(2001) p. 325-347.**
3. **Alodan, Haila, Deshmukh, Sharief, Submanifolds with Parallel Mean Curvature Vector in a Real Space Form., Int. math. J . vol.2 no.1(2001) p.85-100.**
4. **Alodan, Haila, Deshmukh, Sharief, Spherical Submanifolds of a Euclidean Space Quart. J. Math. Vol.58 (2002) p. 249-256.**
5. **Alodan, Haila, Deshmukh, Sharief, Characterization of Spheres in a Euclidean Space, New Zealand J. Math.,vol36(2007) p.93-99.**
6. **Deshmukh, Sharief, Alodan, Haila, Shaman, Tahani, Tangent Bundle in Hypersurfaces In A Euclidean Space. Acta Math. AcademiaePaedagogicaeNyiregyhaziensis (AMAPN). 22 (2006) p. 71-87.**
7. **Alodan, Haila, Deshmukh, Sharief , Spherical Submanifolds In A Euclidean Space, Monatsh. Math. (Springer- Verlag)Vol.152, (2007) p. 1-11.**
8. **Alodan, Haila, Al-Sodais, Hana, On Characterizations of Spherical Curves, FJM, vol.28 I.2, (2008) p. 367-379.**
9. **Al-Sodais , Hana , Alodan, Haila, Spherical Gradient RICCI Solitons, JP Journal of Geometry and Topology, Vol. 10, I.1, (2010) p. 63 - 68 .**
10. **Alodan, Haila, Conformal Gradient Vector Fields, Diff. Geom. - Dynamical Systems, Vol.12, (2010) p. 1-3.**
11. **Alodan, Haila, Hypersurfaces Of A Riemannian Manifold With Killing Vector Field. Diff. Geom. - Dynamical Systems p. 19-26 vol.13 (2011).**
12. **Sharief Deshmukh, Haila Alodan and Hana Al-Sodais, A note on Ricci solitons,Balkan Journal of Geometry and Its Applications p. 48-55.vol.16 no.1 (2011).**

13. Hana Al-Sodais , Haila Alodan and Sharief Deshmukh, Hypersurfaces of Euclidean Space as Gradient Ricci Solitons, *Annals of the Alexandru Ioan Cuza University - Mathematics*. ISSN (Online) 1221-8421, DOI: 10.2478/aicu-2014-0009, May 2014.
14. AlSodais , Hana , Alodan, Haila, Geometry of the Ricci Soliton Hypersurfaces, *JP Journal of Geometry and Topology*, Vol. 18, 2, (2015) p. 117 - 131 .
15. Hanan Alohali, Alodan, Haila. Compact Submanifolds in Euclidean Space. *Advances in Mathematics and Statistical Sciences*. (2015) p. 321-325.
16. Alodan, Haila, Alharbi, Faizah, Special Curves in R4. *International Research Journal of Mathematics, Engineering and IT (IRJMEIT)* vol. 3,no. 8 (2016) p. 22-27.
17. Hanan Alohali , Haila Alodan and Sharief Deshmukh, Conformal Vector Fields on Submanifolds of Euclidean Space, *Publ. Math. Debrecen*. DOI: 10.5486/PMD-2017.7803, 91/1-2(2017) p.217-233.
18. Haila Alodan, Bang-YenChen, Sharief Deshmukh, Gabriel-EduardVilcu, On some geometric properties of quasi-product production models, *Journal of Mathematical Analysis and Applications*, vol. 474 (2019) p. 693-711.
19. Hanan Alohali , Haila Alodan and Sharief Deshmukh, Conformal and killing vector fields on real submanifolds of the canonical complex space from C_m , *Revista de la union matematica argentina*, Vol 60 (2019) p. 417-430.
20. Haila Alodan. Sharief Deshmukh, Bang yen Chen and Gabriel Eduard Vilcu, A generalized Wintgen inequality for quaternionic CR-submanifolds, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*, Vol 129 DOI: 10.1007/s13398-020-00866-8 (2020).
21. Sharief Deshmukh; Nasser Bin Turki; Haila Alodan, On the differential equation governing torqued vector fields on a Riemannian manifold, *Symmetry Journal*, (2020). (Accepted for publication)
22. Haila Alodan, Rectifying curves in Euclidean space E^4 , *Far East Journal of Mathematical Sciences (FJMS)*, (2019) (Accepted for publication)
23. Haila Alodan, Ricci Solitons, *JP Journal of Geometry and Topology*, (2019) (Accepted for publication)
24. Haila Alodan. Sharief Deshmukh, Nasser Bin Turki and Gabriel Eduard Vilcu, Hypersurfaces of a Sasakian manifold, *Mathematics journal* (2020). (Accepted for publication)