ERTUGRUL OZDAMAR
CV
erozdamar2015@gmail.com

Education

Ph.D., Mathematics (Differential Geometry), Ankara University, 1977

M.Sc., Mathematics (Differential Geometry), Ankara University, 1974

B.Sc. Mathematics & Astronomy , Ankara University, 1972

B.Ed. Mathematics Teacher for High Schools, Ankara Higher Teachers School, 1972

Academic Positions

2019-2020	Professor of mathematics, Department of Mathematics and Computers, Bahcesehir University. Istanbul-TURKEY. (Part-time)
2018_2018	Professor of mathematics, Department of Mathematics and Computers, Bahcesehir University. Istanbul-TURKEY. (Part-time)
2015-2018	Professor of mathematics, Department of Mathematics, Uludag University Bursa -TURKEY
2007 - 2015	Professor of mathematics, Department of Mathematics and Computers, Bahcesehir University. Istanbul-TURKEY
1987 – 2007	Professor of mathematics, Department of Mathematics, Uludag University Bursa -TURKEY
1982 - 1987	Associate professor of mathematics, Department of Mathematics, Anadolu University Eskisehir -TURKEY
1980 - 1982	Research assistant of mathematics, Eskisehir *State* Academy *of* Architecture and Engineering (EDMMA), Eskisehir-TURKEY
1979 - 1980	Visiting researcher, University of Warwick , Coventry-ENGLAND
1973 - 1979	Assistant professor of mathematics, Department of Mathematics, Ankara University, Ankara-TURKEY

Courses Taught

Linear Algebra and Differential Equations	Textbooks: Differential Equations by Ross S L., Elementary Linear Algebra : Applications Version, 11th Ed., by Anton H., Rorres C.
Linear Algebra I-II	Textbooks: Elementary Linear Algebra: Applications Version, 11th Ed., by Anton H., Rorres C., Linear Algebra by Greub W.
Calculus for Social Sciences	Textbook: Applied Mathematics for Business, Economics, Life Sciences, and social Sciences, 8th Ed., by Barnet R-Ziegler M-Byleen K.
Calculus I - II	Textbook: Calculus,7th Ed., Stewart J.
Analysis I - II	Textbooks: Undergraduate Analysis by Lang S, Calculus by Spivak M.
Differential Geometry	Textbook: Elementary Differential Geometry, O'Neil B.
Analytic Geometry	Textbook : Lecture Notes.
Differentiable Manifolds	Textbook: Differentiable Manifolds an Introduction by Brickell F, Clark R. S.
Abstract Mathematics	Textbooks: Naive Set Theory by Halmos, Algebra by Godement R,

Publications

Articles Published:

1. M.Duldul, B.U.Duldul, N. Kuruoglu, E. Ozdamar,(2017), "The extension of Darboux frame into Euclidean 4-space and its invariants" (Accepted to be published). İn Commun. Fac.Sci.Univ.Ank.
2. Gorgulu, A. & Ozdamar, E., (2017) , ¨ A Generalization of the Bonnet Theorem to the Parallel Submanifolds" Prespacetime Journal, December , Volume 7, Issue 16 , pp. 2123 − 2127
3. Gulsoy Filiz, Guney Ibrahim, Ozdamar Ertugrul (2013). Mathematical and Statistical Modelling of Musical Composıtıons. BalkanJM, 35-43.
4. Ozdamar Ertugrul (2013). Letter to the editor. Balkan Journal of Mathematics, 93
5. Kocayusufoğlu İsmail, Ozdamar Ertugrul (2006). The ıso-Taxicab Gauss Curvature. Differential Geometry-Dynamical Systems(8), 138-143.
6. Iyigün Esen, Ozdamar Ertugrul (2000). Meusnier's Theorem for surfaces in n-dimensional Lorentzian Space L^n. Algebras Groups Geom.(17), 233-247.
7. Kocayusufoğlu İsmail, Ozdamar Ertugrul (2000). Connections and Minimizing Geodesics of Taxicab Geometry. Math.Comput.Appl., 5(3), 191-200.
8. Kocayusufoğlu İsmail, Ozdamar Ertugrul (1998). Isometries of Taxicab Geometry. Commun. Fac.Sci.Univ.Ank.(47, No.1-2), 73-83.
9. Murathan Cengizhan, Ozdamar Ertugrul (1994). Immersions of Lorentzian submanifolds into Rm1 with pointwise 2-planar sections and on the circles and pseudo spheres in Lorentzian geometry.. Commun. Fac.Sci.Univ.Ank.(Ser. A1 43,No.1-2), 67-76.
10. Iyigün Esen, Ozdamar Ertugrul (1994). On the Meusnier's theorem for Lorentzian surfaces.. Commun. Fac.Sci.Univ.Ank.(Ser. A1 43,No.1-2), 19-30.
11. Murathan Cengizhan, Ozdamar Ertugrul (1992). On circles and spheres in geometry. Commun. Fac.Sci.Univ.Ank.(a141), 49-54.

12. Görglü Ali, Ozdamar Ertugrul (1989). Paralel submanifolds. Journal of Sci.and Arts of Gazi unv.(vol.1,no.2), 55-69.
13. Görgülü Ali, Ozdamar Ertugrul (1988). A Manifold of Dual Numbers and Dual Lie Group. Journal of Sci.and Arts of Gazi unv.(vol.1,no.2), 28-36
14. Görgülü Ali, Ozdamar Ertugrul (1986). A generalization of the Bertrand curves as general inclined curves in En. Commun. Fac. Sci. Univ. Ankara(Ser. A1 35), 53-60.
15. Karakaş Bülent, Ozdamar Ertugrul (1984). A Generalization of the Darboux vector as an homomorphism of Rn. Journal of Sci. and Arts of Gazi üniv.(vol.1,no.1), 15-20.
16. Ozdamar Ertugrul, Hacısalihoğlu Hilmi (1984). Dual Sayıların Topolojisi ve Dual değişkenli Fonksiyonlar Teorisi. Journal of Sci.and Arts of Gazi unv.(1), 37-70.
17. Ozdamar Ertugrul, Hacısalihoğlu Hilmi (1977). Higher order Gaussian curvatures and fundamental forms. J. Fac.Sci.Karadeniz Tech.Univ.(Ser. MA 1), 99-116.
18. Ozdamar Ertugrul, Hacısalihoğlu Hilmi (1977). Principal curvatures of a manifold and the shape operators.. J. Fac.Sci.Karadeniz Tech.Univ.(Ser. MA 1), 81-97.
19. Ozdamar Ertugrul, Hacısalihoğlu Hilmi (1976). A characterization of inclined curves in Euclidean n-space. Commun. Fac.Sci.Univ.Ank.(24(1975)), 15-23.
20. Ozdamar Ertugrul, Hacısalihoğlu Hilmi (1974). Characterizations of spherical curves in euclidean n-space. Commun. Fac.Sci.Univ.Ank.(23(1974)), 109-125.

Research Interests

Differential Geometry and Its Applications, Linear algebra and its applications, Calculus, Global Analysis , Relativity, Lie Groups and Lie Algebras.

National and International Presentations:

1. Ozdamar Ertugrul,   A characterization of inclined curves in n-dimensional euclidean space. TUBITAK V.Science Congress (1975) Izmir-TURKEY
2. Ozdamar Ertugrul, Characterizations of spherical curves in n-dimensional euclidean space, (TR) TUBITAK V.Sci Congress (1975), Izmir-TURKEY
3. Ozdamar Ertugrul, Kocayusufoglu Ismail (1998). Isometries of Taxicab Geometry. Geometry/Topology Conference, Lehigh University, Betlehem-USA
4. Ozdamar Ertugrul (2010). Geometries. VIII. Symposium on Geometry, Invited Speaker, Antalya-TURKEY
5. Ozdamar Ertugrul (2013). Geometry of Manifolds. XI. Symposium on Geometry (TR), Invited Speaker, Ordu-TURKEY
6. Ozdamar Ertugrul (2013). Mathematics, Teaching Methods. Education Days Project, Bursa Provincial Directorate of National Education, Invited Speaker, Bursa-TURKEY.