Curriculum Vitae

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PROFESSINAL PROFILE

Baskent University, Ankara 1999 – Present	Professor Akdeniz University 1994 –1999
Professor Karadeniz Technical University Trabzon, Turkey 1980-1982	Research Fellow Tübingen University, Germany 1990
Professor Hacettepe University Ankara,Turkey 1979-1980	Research Fellow Liverpool University, GB 1976-1977

EDUCATION

UNESCO Post Graduate Course in Functional Analysis Aarhus University - Denmark 1967-1968	Eagean University, Ph.D. İzmir, Turkey 1964-1967
Ankara University (B.Sc. Mathematics) Ankara, Turkey !959-1963	High Teacher Training School Ankara,Turkey 1959-1963

SCHOLARSHIPS

1. State Scholarship for Teacher Training, 1956-1959.

2. State Scholarship for High Teacher Training, 1959-1963.

3. TÜBİTAK (The Scientific and Technical Research Council of Turkey) Doctoral Scholarship, 1967-1968

4. UNESCO Scholarship for Post-Graduate, 1967-1968.

5. NATO Academic Research Scholarship- Liverpool University, 1976-1977.

6. DAAD Academic Research Scholarship- Tübingen University, Germany 1990.

PUBLICATIONS

A.Research Articles

1. Searching Big Data Via Cyclic Groups, Wulfenia, 2016.
2. 2nd World Conference on Big Data, 2016
3. On the Existence of Weak Solutions for Quasi-linear Equations, Proc. Royal Irirsh Acad., Vol.72.A (1972).
4. Fourier Analysis On Fuzzy Sets (Part Two), BUSEFAL-Bulletin for Studies and Exchanges on Fuzziness and its Applications, N.71, Toulouse - France (1997).
5. Fourier Analysis On Fuzzy Sets (Part One), BUSEFAL-Bulletin for Studies and Exchanges on Fuzziness and its Applications, N.70, Toulouse - France (1997).
6. Invariant Linear Functionals on Order-unit Normed Spaces, Hacettepe Bulletin of Science and Engineering, Vol.4 (1979).
7. A Representation of a Sequence as the Coefficients of the Orthogonal Expansion of a Function in Lp(-∞,+∞), Hacettepe Bulletin of Science and Engineering, Vol.4 (1975).
8.

   On fixed points in Hilbert Spaces, Hacettepe Bulletin of Science and Engineering, Vol.4 (1975).
9. Algebraic Structures on Idempotent Measures [Idempotent Ölçümler Üzerinde Cebirsel Yapılar] (Doçentlik Tezi), TBAG-125 (1973).
10. On the Weak Solutions of a Quasi-linear Elliptic Equation Degenerate on the Boundary, Hacettepe Bulletin of Science and Engineering, Vol.1, Number 1 (1972
11. A Mixed Problem for Hyperbolic Equations on Time-depended Domain, Hacettepe Fen ve Mühendislik Dergisi, Cilt 1, Sayı 1 (1971).
12. An Application of M.Picone's Theorem, Hacettepe Fen ve Mühendislik Dergisi, Cilt 1, Sayı 1 (1971).
13. The Characterization of the Orthogonal Expansions of Lp-functions [Lp-fonksiyonlarının Dikey Açılımlarının Karakterizasyonu Üzerine], TÜBİTAK, TBAG-12 Araştırma Projesi (M.G.Ikeda ile ortak), (1969).
14. A Generalization of Hausdorff Moment Problem and its Application to the Characterization of Lp-functions [Hausdorff Moment Probleminin Genelleştirilmesi ve Lp-fonksiyonlarının Karakterizasyonu
15. The Orthogonal Expansion of the derivative of a Function of Bounded Variation [Sınırlı Değişimli bir Fonksiyonun Türevinin Dikey Açılımı Üzerine], Ege Üniversitesi Fen Fakültesi Ilmi Raporlar Serisi, No:69 (1969).
16. Searching Big Data Via Cyclic Groups, Wulfenia ,Vol.24, Issue 3, 2017.
17. A Fuzy Model of Nervous System, MJEN, 5(1),2017.

B. Text Books

a. Mathematics

1. Introduction to Abstract Mathematics [in Turkish], Milli Eğitim Bakanlığı Yayınevi (1975).
2. General Topology [in Turkish], KTÜ Yayınları, Trabzon (1982).
3. Multilingual Dictionary of Mathematics , (Çoker-Karaçay), TDK Yayınları, Ankara (1983).
4. Introduction to Abstract Mathematics, 2nd ed. [in turkish], Kuban Matbaacılık, Ankara, 2009.
5. General Topology 2nd ed. [in Turkish], Kuban Matbaacılık, Ankara, 2009.

b.Computer Sciences

1. Pascal Programming Language [in Turkish], (T.Karaçay-D.Karaçay) Kuban Matbaacılık San.Tic.A.Ş., Ankara, 2001.

2. Object Programming With C# [in Turkish] - , (A.Karaçay-T.Karaçay), ttm Yayınları, 2008.

3. Java Data Types [in Turkish] Pusula Yayıncılık, İstanbul 2011, isbn: 978-9944-711-65-4.

4. Object Programming with Java, [in Turkish], Seçkin yayıncılık, Ankara, isbn: 978 975 02 1960 3.

5. Python Programming Language, [in Turkish], Seçkin Pub., 2014.

6. Ruby Programming Language, [in Turkish], Seçkin Pub., 2014.

7. Foundations of C Programming Language, [in Turkish], Abacus Pub., 2015.

8. Applications of C Programming, [in Turkish], Abacus Pub., 2015.

9. Java Programming Language, [in Turkish], Seçkin Pub., 2016.

10. Software Engineering, [in Turkish], Abacus Pub., 2016.

11. Python 3, Third Edition, Seckin Pub. 2017.

b. Popular Publications

More than 50 articles on philosophy of science in different Turkish Magazines.

SCIENTIFIC MEETINGS ATTENDED

1. 2nd World Conference on Big Data, Palm Wing Hotel, Ephesus, 3-4 Nov 2016.
2. The 11th International Workshop On Dynamical Systems and Application, Çankaya University, 26-28 June 2012.
3. Mathematics & Technology, Çankaya University, 24 May 2012.
4. Wise Software for Wise World, IBM, Hilton, 15 May 2012.
5. NSC'10: Nonlinearity and Complexity, Çankaya University, 26-27 Temmuz 2010.
6. NTNDS'10: New Trends in Nanotechnology and Nonlinear Dynamical Systems, Çankaya University, 28-30 June2010.
7. NATO Advanced research Workshop: Authoring Environments for Computer-based courseware, Maratea, Italy, 1991.
8. NATO Advanced Study Institute On Advances in Microlocal Analysis,Il Ciocco, Italy, 1985.
9. NATO Advanced Study Institute On Singularities in Boundary Value Problems, Maratea, Italy, 1982.
10. NATO Advanced Study Institute On Singularities in Boundary Value Problems, Maratea, Italy, 1980
11. Logics, Mathematics and Philosophy IX. National Symposium, İstanbul Kültür University, Foça,İzmir, 6-9 Eylül 2011.
12. IBM, Software Submit, Ankara, Sheraton, 14 Ekim 2010.
13. Logic and Artificial Intelligence, CISM, International Centre for Mechanical Sciences, Udine, Italy, 1992.
14. 5th International Conference on Information Security and Cryptology, ODTÜ Kültür ve Kongre Merkezi, Ankara, 17-18 Mayıs 2012.
15. The 11th International Workshop On Dynamical Systems and Application, Çankaya Üniversity, 26-28 June 2012.
16. TÜBiTAK 1s tScience Congress, 1968.
17. TÜBİTAK 2nd Science Congress, 1969.
18. TÜBİTAK 4th Science Congress, *Algebraic Characterization of Idempotent Measures,* 1973.
19. V.National Mathematics Symposium,sakarya,1992.
20. Sarımsaklı Math Days, Balıkesir Üniversitesi, Çağrılı Konuşmacı, 1996.
21. 4th.National Mechanics Congress, *Transformation of Differential Operators*, İstanbul, 1985.
22. National Physics Congress,1986.
23. 4th.National Mathematics Symposium, Invited Speakers: Antakya, 1991.
24. 16th National Matematics Symposium, Yüzüncüyıl Üniversitesi, Van, 10 SEP 2003.
25. Mantık, Matematik ve Felsefe I. Ulusal Sempozyumu, *[Mantığın Görkemli Dönüşü]*, İstanbul Kültür Üniversitesi, Assos, Çanakkale, 2003.
26. Mantık, Matematik ve Felsefe II. Ulusal Sempozyumu, *[Determinizm ve Kaos],* İstanbul Kültür Üniversitesi, Assos, Çanakkale,2004.
27. Logics, Mathematics and Philosophy 5th Symposium, , İstanbul Kültür Üniversitesi, Foça, İzmir, 2007.
28. Logics, Mathematics and Philosophy 7th Symposium, İstanbul Kültür University, Foça,İzmir, 2009.

SCIENTIFIC ORGANIZATIONS PARTICIPATED

1. Modern Mathematics & Science Education, Member of Scientific Committee, 1972-1973
2. The Scientific and Technical Research Council of Turkey, Advisor, 1980-1982
3. IBM, Computer Aided Education, 1990-1991.
4. TEGV (Turkish Volunteers for Education, 1990-Present.
5. Computer Aided Education, Ministry of Education,1993-1994.
6. Mathematics Curriculum development, Minisry of education, 1999.

THESIS GUIDED

10 Ph.D and 5 M.SC thesis (completed).

TRANSLATED

1. School Mathematics Project, Book 3, (translation into Turkish), MEB Yayınevi (1975).

2. Measure, Lebesgue Integrals and Hilbert Spaces by Fomin & Kolmogorov, (translation into Turkish),Hacettepe University Publications (1978).

BOOK FOR HIGH SCHOOLS

1. College Mathematics One, [in English], (co-authors: Brown-Baykul-Çoker), Hitit Publications, Ankara (1988).

2. College Mathematics Two, [in English],Hitit Publications, Ankara (1989).

3. Basic Mathematics for Beginners, [in English],Hitit Publications, Ankara (1990).

4. Mathematics 1, [in Turkish],Text Book, (co-authors: Erdem-Özkaya), MEB Yayınevi, İstanbul (1991).

5. Mathematics 1, [in Turkish] Exercises, (co-authors: Erdem-Özkaya), MEB Yayınevi, İstanbul (1991).

6. Mathematics 1, [in Turkish]Teacher's Guide, (co-authors: Erdem-Özkaya), MEB Yayınevi, İstanbul (1991).

7. Computer 1, [in Turkish] Hitit Publications, Ankara (1992)

8. Math 1, [in Turkish] (co-authors: Çakır-Erdem-Karahan-Meydan), MEB Yayınevi, İstanbul (1993).

9. Math2, [in Turkish] (co-authors: Çakır-Erdem-Karahan-Meydan), MEB Yayınevi, İstanbul (1993).

10. Logics, [in Turkish] co-authors: Çoker-Özer-Bilge-Akıncı-Azcan), Anadolu ÜniversitesiYayınları : 942

11. Mathematics 1 for Open Lyceé, [in Turkish], Karaçay-Çakır-Erdem-Karahan- Meydan), MEB Yayınevi, Istanbul (1993).

12. Mathematics 2 for Open Lyceé, [in Turkish], (Math.2 for Open Lycée; Karaçay-Çakır-Erdem-Karahan-Meydan), MEB Yayınevi, Istanbul (1993).

13. Computer 1 for Open Lycée; Karaçay-Keskinkılıç-Veyisoğlu- Keşmer), MEB 1993.

14. Computer 1 for Open Lyceé, [in Turkish], Karaçay-Keskinkılıç-Veyisoğlu- Keşmer), MEB 1993.

15. Computer for Lycée, [in Turkish], Hitit Yayınları, Ankara, 1992.

16. Computer Literacy 1, Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1998.

17. Computer Literacy 2, Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1998.

18. [Computer Literacy 3, Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1998.

19. Computer Literacy 4], (A.Karaçay-T.Karaçay) Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1998.

20. Computer Literacy 5, (A.Karaçay-T.Karaçay) Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1998.

21. Computer Literacy 6, (A.Karaçay-T.Karaçay) Özgün Matbaacılık San.Tic.A.Ş., Ankara, (Basılıyor).

22. Computer Literacy 7, (A.Karaçay-T.Karaçay) Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1999.

23. Computer Literacy 8, (A.Karaçay-T.Karaçay) Özgün Matbaacılık San.Tic.A.Ş., Ankara, 1999.