

Dr. Ersin Kuset Bodur

E.M.U. Art and Science Faculty, Mathematics Department
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PERSONAL PROFILE

Assist. Prof. Dr.

Eastern Mediterranean University, Department of Mathematics, Famagusta, TRNC
Office AS 147

EDUCATION

PhD: Mathematics Dept., Eastern Mediterranean University, Famagusta, June 2012

M.S.: Mathematics Dept., Eastern Mediterranean University, Famagusta, Sept.1992

B.S.: Mathematics Dept., Middle East Technical University, Ankara, June 1987

EMPLOYMENT

Assist. Prof. Dr.	: 01.02.2013-
Senior Lecturer	: 01.05.1995-2013
Lecturer	: 19.02.1992-1995

RESPONSIBILITY

Supervision of Graduate Students

- Bashar Suhil Jad Allah Khassawneh: 'Credit Scoring Problem Based on Regression Analysis', M.S., Eastern Mediterranean University, June, 2014.
- Keleshi Churchill Onyejiaka: 'Unsupervised Learning Method Based on Partitioning in Data Mining', M.S., Eastern Mediterranean University, July, 2015.
- Dabah Abdullah: 'Association Rule Mining Using K-Map Model in Data Mining', M.S., Eastern Mediterranean University, July, 2015.

Supervision of Information Systems Students

- Edoya Blossom Oleghe: 'Association Rule Based on Karnaugh Map Algorithm', IS Project, Eastern Mediterranean University, July, 2014.
- Laina Natshikonya Namulo: 'Generating a Decision Tree Using C4.5 Algorithm', IS Project, Eastern Mediterranean University, July, 2015.

PUBLICATIONS

Journal Paper

- Aliev, R. R., & Kuset Bodur, E. (2012). *Fuzzy-Valued Choquet Integral Based Utility Ranking in the Credit Scoring Problem*. An International Journal of Applied and Computational Mathematics, Volume 11, No:3, 432-446.

Conferences

- Ersin Kuset Bodur & Edoya Blossom Oleghe. (2014). *Association Rule as Data Mining Technique Based on K-partition Algorithm*. Proceedings of the Eleventh International Conference on Application of Fuzzy Systems and Soft Computing, ICSCCW-2014, Paris, France, September 2-3, 2014, 79-86.
- R. R. Aliev, Ersin Kuset Bodur & Derar Atallah Talal Mraiziq. (2013). *Z-Number Based Decision Making for the Application to Economic Problem*. Proceedings of the Seventh International Conference on Soft Computing with Words and Perceptions in system Analysis, Decision and Control, ICSCCW-2013, İzmir, Turkey, 2013, Antalya, Turkey, September 2-3, 251-258.
- Aliev, R. R. & Kuset Bodur, E. (2011). *Fuzzy Choquet Integral for Loan Granting based on Imprecise Probability*. Proceedings of the Sixth International Conference on Soft Computing with Words and Perceptions in System Analysis, Decision and Control, ICSCCW-2011, Antalya, Turkey, 291-299.
- Aliev, R. R. & Kuset Bodur, E. (2010). *Fuzzy C-Means Clustering Technique for Credit Scoring Risk Prediction*. Proceedings of the Ninth International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS-2010, Prague, Czech Republic, 235-244.
- Hasan, H. Önder & Ersin Kuset. (2002). *Zeki Öğretim Sistemlerinde Çoklu Zeka Kullanımına İlişkin Bir Model*. 2nd International Educational Technology Conference. Sakarya, Türkiye. 16-18 October 2002. 255-268.
- Hasan, H. Önder & Ersin Kuset. (2002). *BDÖ'de Yapay Zeka Programlama Teknikleri ve Uzman Sistemler*. 2nd International Educational Technology Conference. Sakarya, Türkiye. 16-18 October 2002, 269-279.

OTHER PUBLICATIONS

PreCalculus Text Book written by Tuğrul Taner, Tuncay Başkaya and Ersin Kuset

COURSES ATTENDED

Graduate Courses

COMP 589	Data Mining
COMP 569	Theory of Regression Analysis and Applications

Undergraduate Courses

Math 100	Pre-Calculus
Math 150	Calculus with Pre-Calculus
Math 151	Calculus I
Math 152	Calculus II
Math 111	Basic Mathematics I
Math 112	Basic Mathematics II
Math 103	Mathematics for Business and Economics I
Math 104	Mathematics for Business and Economics II
Math 106	Linear Algebra
Math 161	Mathematical Logic of Computers
Math 163	Discrete Mathematics
Math 201/241	Linear Algebra and Differential Equations
Math 203/207	Ordinary Differential Equations
Math 205	Complex Calculus

Undergraduate Courses in Turkish

Mate 101	Analitik Geometri
Mate 114	Geometri
Mate 203	Doğrusal Cebir I (Ortaokul Matematik Öğretmenliği)
Mate 204	Doğrusal Cebir II (Ortaokul Matematik Öğretmenliği)
Mate 217	Doğrusal Cebir I (İlköğretim Matematik Öğretmenliği)
Mate 218	Doğrusal Cebir II (İlköğretim Matematik Öğretmenliği)
Mate 241	Lineer Cebir ve Diferensiyel Denklemler
Mate 322	Diferensiyel Denklemler
Mate 417	Matematik Tarihi

ADMINISTRATION

- Jury member of PhD student
- Jury member of MS students
- Setting and grading of Qualifying Exam papers for PhD students
- Monitoring committee member of a PhD student
- Setting of E.M.U. Entrance Exam papers (only mathematics questions) for foreign students
- Undergraduate students supervisions
- Member of Faculty Board

CURRENT RESEARCH

- Fuzzy Set Theory
- Data Mining
- Decision making by Z-Numbers

FUTURE RESEARCH INTERESTS

Fuzzy Regression Analysis

AWARD

Full undergraduate scholarship for international students from 1982 to 1987 based on entry examinations

PROFESSIONAL MEMBERSHIPS

American Mathematical Society