

ÖZGEÇMİŞ

1. **Adı Soyadı:** Adil Amirjanov
2. **Doğum Tarihi:** 2 Ekim, 1949
3. **Unvanı:** Professor, Dr.
4. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik-Elektronik Mühendisliği	Azerbaycan Devlet Petrol Akademisi	1971
Y. Lisans	Elektrik-Elektronik Mühendisliği	Azerbaycan Devlet Petrol Akademisi	1971
Doktora	Bilgisayar Mühendisliği	Ufa Devlet Uçak Enstitüsü, Rusya (Ufa Aircraft Institute)	1980

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : 1996
Doçentlik Tarihi : 2005
Profesörlük Tarihi : 2010

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1 Yüksek Lisans Tezleri

- Genetic algorithms in numerical and combinatorial optimization problems.
- Comparing the penalty methods in Genetic Algorithms.
- Message Passing Interface and Parallel Virtual Machine System: Concept and Implementation.
- Database driven Web applications: Concept and Examples.
- Multithreaded Software Design: Concept and Implementation.
- Performance Improvement of Operating System Process Manager
- Object data Modeling as Structuring Approach for Database Design

6.2 Doktora Tezleri

- Analysis and design of an image compression system based on objective and subjective quality measurements (Doktora öğrenci: Kamil Dimililer)

7. Yayınlar

7.1 Kitaplar

- A. Amirjanov, Java Programming for Students, Bilesim, 2006.
- A. Amirjanov, Öğrenciler İçin Java Programlama, Bileşim, 2007.

7.2 Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

- M. Moini, I. Flores-Vivian, A. Amirjanov and K. Sobolev, The optimization of aggregate blends for sustainable low cement concrete, CONSTRUCTION AND BUILDING MATERIALS, Vol. 93, 2015, pp. 627-634.

- A. Amirjanov and K. Sobolev, Changing range genetic algorithm for multimodal function optimization, *INTERNATIONAL JOURNAL OF BIO-INSPIRED COMPUTATION*, Vol. 7, No. 4, 2015, pp. 209-221.
- A. Amirjanov, The parameters setting of a changing range genetic algorithm, *NATURAL COMPUTING*, Vol. 14, No. 2, 2015, pp. 331-338.
- Amirjanov and K. Sobolev, Fractal dimension of Apollonian packing of spherical particles. *ADVANCED POWDER TECHNOLOGY*, Vol. 23, No. 5, 2012, pp. 591-595.
- A. Amirjanov, Modeling selection and extinction mechanisms of biological systems. *INTERNATIONAL JOURNAL OF MODERN PHYSICS C*, Vol. 22, No. 7, 2011, 669 -686.
- K. Sobolev and A. Amirjanov, Application of genetic algorithm for modeling of dense packing of concrete aggregates. *CONSTRUCTION AND BUILDING MATERIALS*, Vol. 24, no. 8, 2010, pp.1449-1455.
- A. Amirjanov, The dynamics of a changing range genetic algorithm. *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*, Vol. 81, no. 7, 2010, pp. 892-909.
- A. Amirjanov, The dynamics of a changing range genetic algorithm under stabilizing selection. *INTERNATIONAL JOURNAL OF MODERN PHYSICS C*, Vol. 20, No. 7, 2009, 1063 -1079.
- A. Amirjanov, The Performance of Genetic Algorithm with Adjustment of a Search Space. *INTERNATIONAL JOURNAL OF MODERN PHYSICS C*, Vol. 20, No. 4, 2009, 565-583.
- A. Amirjanov, Modelling the dynamics of an adjustment of a search space size in a genetic algorithm. *International Journal of Modern Physics C*, Vol. 19, No. 7, 2008, pp. 1047–1062.
- A. Amirjanov and K. Sobolev, Optimization of Computer Simulation Model for Packing of Concrete Aggregates. *PARTICULATE SCIENCE AND TECHNOLOGY*, Vol. 26, 2008, pp. 380–395.
- A. Amirjanov, Investigation of a Changing Range Genetic Algorithm in Noisy Environments. *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*, Vol. 73, No. 1, 2008, pp. 26-46.
- K. Sobolev and A. Amirjanov, The simulation of particulate materials packing using particle suspension model. *ADVANCED POWDER TECHNOLOGY*, Vol. 18, No. 3, 2007, pp. 261-271.
- A. Amirjanov, The Development a Changing Range Genetic Algorithm. *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*, Vol. 195, 2006, pp. 2495-2508.
- A. Amirjanov and K. Sobolev, Fractal properties of Apollonian packing of spherical particles. *MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING*, Vol. 14, 2006, pp. 789-798.
- A. Amirjanov and K. Sobolev, Genetic algorithm for cost optimization of modified multi-component binders, *BUILDING AND ENVIRONMENT*, Vol. 41, No. 2, 2006, pp. 195-203.
- A. Amirjanov and K. Sobolev, Optimal proportioning of concrete aggregates using a self-adaptive genetic algorithm, *COMPUTERS & CONCRETE*, Vol. 2, No. 5, 2005, pp. 411-421.
- A. Amirjanov, A Changing Range Genetic Algorithm. *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*, Vol. 61, No. 15, pp. 2660-2674, 2004 .
- K. Sobolev and A. Amirjanov, The Development of a Simulation Model of the Dense Packing of Large Particulate Assemblies. *POWDER TECHNOLOGY*, Vol. 141, 2004, pp. 155-160.
- K. Sobolev and A. Amirjanov, A Simulation Model of the Dense Packing of Particulate Materials. *ADVANCED POWDER TECHNOLOGY*, Vol. 15, No. 3, 2004, pp. 365-376.

7.3 Yazılan uluslararası kitaplar veya kitaplarda bölümler

- K. Sobolev and A. Amirjanov, A Simulation Model of the Packing Arrangements of Concrete Aggregates, in: B. Mobasher, J.P. Skalny (Eds.), Transport Properties and Concrete Quality, John Wiley & Sons, 2007.
- A. Amirjanov and K. Sobolev, Changing Range Genetic Algorithm: A New Optimization Approach with Improved Performance, in A. R. Mufoz and I. G. Rodriguez (Eds.), Handbook of Genetic Algorithms: New Research, Nova Science Publishers, 2012.

7.4 Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

- I. Avdeev, K. Sobolev, A. Amirjanov, A. Hastert, Micromechanical Models of Structural Behavior of Concrete, in *Advanced Structural Materials—2010*, edited by Hector A. Calderon, Armando Salinas Rodriguez, Heberto Balmori-Ramirez (Mater. Res. Soc. Symp. Proc. **Volume 1276**, Warrendale, PA, 2010)
- A. Amirjanov, K. Sobolev, Cost Optimization of Modified Multi-Component Binders: 1st International Conference on Advanced Construction Materials “ACON-06” December 3-6, 2006, Monterrey, Mexico, pp. 209-228.
- A. Amirjanov, K. Sobolev, (2006) Evolutionary Approach for Cost Optimization of Modified Multi-Component Binders: 3rd International Symposium on Hybridized Materials, San Nicolas, Mexico, pp. 23-28.
- A. Amirjanov, Island Model Changing Range Genetic Algorithm: Proceeding of International Symposium ISEECE-2006, Nicosia, Northern Cyprus, Turkey, November 23-25, 2006, pp.63-69.
- K. Sobolev, A. Amirjanov, R. Hermosillo and F.C. Lozano, Packing of Aggregates as an Approach to Optimizing the Proportioning of Concrete Mixtures Aggregates: Asphalt Concrete, Portland Cement Concrete, Bases, and Fines – ICAR/AFIRE/NSSGA Symposium, April 4-7, 2004, Denver, Colorado, USA.
- A. Amirjanov, Analysis of Approaches for Creation of Multiple Threads by Hardware, Proceedings of the 2nd FAE International Symposium, LAU, 2002, pp. 261-267.
- A. Amirjanov, Developing of Abstractions in Programming Languages. Proceedings of the 10th Year FAE Symposium, LAU, Lefke, TRNC, 2000, pp. 131-135.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

- Amirjanov A., Digital Filters for Generating of Test Signals. COMMUNICATION EQUIPMENTS, vol. 11, pp. 34-52, Moscow, Russia, 1990 (in Russian)
- Amirjanov A., Analysis of Test Signals for Measuring Parameters of PCM Systems. WIRED COMMUNICATION, vol. 3, pp. 42- 53, St.Petersburg, Russia, 1985 (in Russian)
- Chebarev A., Amirjanov A. and Kamalova D. Principles of Construction of Touch Sensors for Computer Systems. PROCEEDINGS OF CYBERNETIC INSTITUTE, vol. 3, pp. 42-55, Kiev, Ukraine, 1977 (in Russian)
- Amirjanov A., Optimization of Characteristics of Touch Sensors Based on the Resonance Circuits. PROCEEDINGS OF INSTITUTE OF AUTOMATIC EQUIPMENTS, vol. 6, pp. 10-21, Moscow, Russia, 1977 (in Russian)
- Chebarev A., Amirjanov A., Revenko V., Vorobyev V., Kamalova D., Control System for Moving A Screen Marker. MACHINES AND SYSTEMS, vol. 6, pp. 24-26, Moscow, Russia, 1976 (in Russian)

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- Chebarev A. and Amirjanov A., Assessment of Response of Sensor Input Devices. PROCEEDINGS OF CONFERENCE "Information and Measurement Systems", Baku, 1978, pp. 22-27 (in Russian).
- Chebarev A., Revenko V., Amirjanov A. and Kamalova D., Design of Sensor Devices, PROCEEDINGS OF CONFERENCE "Computer-Aided Design", Chelyabinsk, USSR, 1978, pp.56-61 (in Russian).
- Chebarev A., Amirjanov A. and Kamalova D., Classification of Sensible Transformers. PROCEEDINGS OF CONFERENCE "Computer Information and Control Systems", Tashkent, USSR, 1975, pp. 88-97 (in Russian).

7.6. Diğer yayınlar (Patents)

- Scanner of a Graphical Data, SU 591880, Patent, USSR, 1978
- Device for a Control of a Screen Marker, SU 714441, Patent, USSR, 1980

8. Projeler

- Doğrusal Olmayan Optimizasyon Problemlerinde Sayısal Maliyetlerin Genetik Algoritmalar ile İndirgenmesi, YODAK, KKTC, 2008
- Obtención de Nanopartículas de SiO₂ y su Efecto en las Propiedades Nano y Microestructurales, Mecánicas y Reológicas en Materiales Cementantes (Obtaining of Nano particles of SiO₂ and its Effect on the Properties of Nano and Microstructures of Cemento Materials), 2004-2006
- Computer modeling of dense packing of particulate materials, LAU, KKTC, 2001-2002
- Automation of Parameters Control of PCM Systems, Ministry of Telecommunications, Baku, Azerbaijan, 1992-1996
- Digital Processing of the Test Signals for controlling of PCM Systems, Ministry of Telecommunications, Moscow, USSR, 1988-1991
- Sensible Transformers for Computer and Control Systems, Scientific-Research Institute of Control Equipments, Moscow, USSR, 1978-1988

9. İdari Görevler

Bilgisayar Mühendisliği Bölüm Başkanı

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Azerbaijan Scientific and Technical Society, Baku, Azerbaijan
American Concrete Institute, USA.

11. Ödüller

- Yayın - Araştırma Sertifikası, Yakın Doğu Üniversitesi, 2010
- Yayın - Araştırma Sertifikası, Yakın Doğu Üniversitesi, 2009
- 10th Year FAE Symposium Award, European University of Lefke, TRNC, 2000.
- Premium for Research on Development of Digital Measuring Systems, St. Petersburg, Russia, 1989-1990.

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2012/2013	Güz	Coğrafi Bilgi Sistemleri	4		10
		Yazılım Mühendisliği	4	2	28
		Programlama Dilleri Kavramı	4		25
	İlkbahar	Yükseltmiş Yazılım Mühendisliği	4		9 (MS)
		Nesne Yönelik Programlama II	4	2	10
		Yazılım Testleri	4		11
2013/2014	Güz	Coğrafi Bilgi Sistemleri	4		9
		Yazılım Mühendisliği	4	2	18
		Programlama Dilleri Kavramı	4		21

	İlkbahar	Yazılım Mühendisliği	4	2	12
		Genetic Algoritmalar	4		8
2014/2015	Güz	Yazılım Mühendisliği	4	2	11
		Programlama Dilleri Kavramı	4		19

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.