



ÖZGEÇMİŞ

- 1. Adı Soyadı:** Afgan ASLANOV
- 2. Doğum Tarihi:** 1959
- 3. Ünvan:** Prof.Dr.
- 4. Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
BA	Mathematics	Ganja State University, Azerbaijan	1978
PhD	Functional Analysis (01-01-01)	Academy of Sciences, Institute of Mathematics	1987

4a. Çalışma alanları. Matematiksel Analiz, Fonksiyonel Analiz, Adi Diferansiyel Denklemler. Kısmi Diferansiyel Denklemler, Operatörlet Teorisi, Çokparametrelili Spektral Teori, Uygulamalı Matematik, Lineer Cebir.

5. Akademik Unvanlar:

Assistant Professor	Azerbaijan State Economy University	1989-1993
Associate Prof (doçent)	Khazar University, Baku	1992-2001
Associate Prof (baş muellim)	Azerbaijan State Economy University	1993-1995
Professor	Khazar University, Baku, Azerbaijan	2001
Associate Prof (doçent)	Higher Educational Board, Turkey	2009
Professor	Beykent Üniversitesi, Turkey	2014

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1 Yüksek Lisans Tezleri

- İbrahim Kocaoğul, "On the Leontief's Input-Output Model", Fen-Edebiyat, 2003
- Muhterem Bilgiç, "Özel Fonksiyonlar ve Bazı Uygulamaları" Fen-Edebiyat, 2009-2010

6.2 Doktora Tezleri

7. Yayınlar

7.1 Uluslararası Hakemli Dergilerde Yayımlanan Makaleler

1. A Aslanov, H Isaev, "On the Theory of two Parameter Spectral Problems (English Translation)", *American Mathematics Society (Translation of Doklady Akademii Nauk)*, 225-227 (1985) SCI
2. A Aslanov, M Almamedov, "On the constructive description of the spectral measure of a three parameter spectral problem", *Doklady Akademii Nauk (ISSN: 0869-5652)*, , Moscow, 780-782 (1986) SCI
3. A Aslanov, H Isaev, "On the Tensor Determinants associated with multi-parameter spectral Problems", *Izvestiya: Mathematics (ISSN: 1064-5632)*, Moskow, (1987) SCI
4. A Aslanov, "Positivity Results for operators and multi-parameter definiteness conditions", *Ulyanovsk*, 19 (1990)
5. A Aslanov, H. Isahanly, "A multi-dimensional complex analytical view on the multi-parameter spectrum and the construction of the spectral measure (english)", *Khazar Math Journal*, ISSN 1028-7647, 3-65 (1998)
6. A Aslanov, "About the existence of the minimum and maximum of two positive operators", *International Congress MASSEE 2003, Bulgaria*, (2003)
7. A Aslanov, "Definiteness Conditions in the Multiparameter Spectral Theory", *WSEAS Transactions on Mathematics*, 717-721 (2004)
8. A Aslanov, "The Existence and Uniqueness Theorem from a new Viewpoint", *WSEAS Transactions on Mathematics* , 575-578 (2004)
9. A Aslanov, "Existence of the minimum and maximum of two positive operators", *Mathematika Balkanika*, 19, 255-266 (2005)
10. A Aslanov, "A New Approach to the Singularity", *International Conf on Engineering and Mathematics*, 155-159 (2006)
11. A Aslanov, "Determination of convergence intervals of the series solutions of Emden-Fowler equations using polytropes and isothermal spheres", *Physics Letters A*, 372,3555-3561, (2008) SCI
12. A Aslanov, "A generalization of Lane-Emden equation", *International Journal of Computer Mathematics*, 85(11) (2008), 1709-1725. SCI

13. A Aslanov, I. Abu-AlShaikh, Further developments to decomposition methods for solving IVPs, *Mathematical and Computer Modelling*, 48 (2008), 700-711. SCI
14. A Aslanov, Approximate solutions of Emden-Fowler type of equations, *International Journal of Computer Mathematics* 86,5 807-826, (2009). SCI
15. A.Aslanov, Existence and Uniqueness Results For Ordinary Differential Equations, *Rocky Mountain Journal of Mathematics*, 39,6, 1809-1835, (2009) . SCI
16. A. Aslanov, The Homotopy Perturbation Method for Solving Klein-Gordon-Type Equations With Unbounded Right-Hand Side, *Journal of Physical Sciences, (Zeitschrift für Naturforschung A)*, 64a, 2009, 149-152, SCI,
17. A. Aslanov, Homotopy Perturbation Method for Solving Wave-Like Nonlinear Equations with Initial-Boundary Conditions, *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, Article Number: **534165** DOI: **10.1155/2011/534165**, Published: **2011**, **SCI**.
18. A. Aslanov, Analyzing "Homotopy Perturbation Method for Solving Fourth-Order Boundary Value Problem", *MATHEMATICAL PROBLEMS IN ENGINEERING* Article Number: **296796** DOI: **10.1155/2011/296796** Published: **2011**, **SCI**.
19. A. Aslanov, Comments on "Homotopy Perturbation Method for Solving Reaction-Diffusion Equations" *MATHEMATICAL PROBLEMS IN ENGINEERING* Article Number: **650472** DOI: **10.1155/2012/650472** Published: **2012** , **SCI**.
20. A. Aslanov, A general formula for the series solution of high-order linear and nonlinear boundary value problems, *MATHEMATICAL AND COMPUTER MODELLING* Volume: **55** Issue: **3-4** Pages: **785-790** DOI: **10.1016/j.mcm.2011.09.004** Published: **FEB 2012**

7.2 Uluslararası Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında (Proceedings) Basılan Bildiriler

7.3 Yazılan Uluslararası Kitaplar veya Kitaplarda Bölümler

7.4 Ulusal Hakemli Dergilerde Yayınlanan Makaleler

1. A Aslanov, "Directedness and Order Completeness of the set of self-adjoint operators in Hilbert Space", *Hilbert_Schmidt Conjecture* (Istanbul Bilgi University), Sep. 2002
2. A Aslanov, "On some problems associated with two-parameter spectral problems", *Conference on Mathematics and Mathematical Modeling*, Jan. 1988
3. A Aslanov, "A theory of two parameter and three parameter spectral problems", PhD dissertation, Jan. 1987

4. A Aslanov, "On some inequalities for determinantal operators", Elm, Baku, Azerbaijan, Vol. 1, Jan. 1986, pp. 40-41
5. A Aslanov, "On the Essential Self_Adjointness of the Separating Sistem of Operators", Elm, Baku, Vol. v 6, Jan. 1985, pp. 3-19
6. A Aslanov, "Positivity Results for Determinantal Operators.", Elm, Baku 6th conference on Mathematics and Mechanics, Jan. 1985, pp. 40-41
7. A Aslanov, "On the description of a spectral measure of MP self-adjoint problems", 6th Conference on Math and Mechanics, Elm, Baku, Azerbaijan, 37-39 (1986)
8. A Aslanov, "Cauchy'nin Bir Eşitsizliği", Matematik Dünyası, 83 (2003)
9. A Aslanov, On The Positivity Of The Difference Operators With Nonlocal Boundary Conditions, Journal of Science and Technology, Beykent University #1, (2009).
10. A Aslanov, On The Convergence Of The Series Solution Of A Lane – Emden Equation Of The Second Kind, Journal of Science and Technology, Beykent University #1, (2009).
11. A Aslanov, On Some Properties of Linear Inequalities for Operators, Journal of Science and Technology, Beykent University #3, (2009).
12. A Aslanov, On the Model of the Effect of External Magnetic Field on Blood Flow in Stenotic Artery, Journal of Science and Technology, Beykent University #3, (2009)
13. A Aslanov, On the series solution of polytropic Gas Sphreres Equation for Polytropic index $n=3$, Journal of Science and Technology, Beykent University #4, (2011)
14. A Aslanov, On Bounds of Extremal Eigenvalues of Matrices, Journal of Science and Technology, Beykent University #4, (2011)

7.5 Ulusal Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında Basılan Bildiriler

7.6 Diğer Yayınlar

8. Projeler

9. İdari Görevler

10. Bilimsel Kuruluşlara Üyelikler: American Journal of Computational and Applied Mathematics- Editorial Board

11. Ödüller

12. Son İki Yılda Verilen Lisans ve Lisansüstü Düzeydeki Dersler

Fonksiyonel Analiz (Matematik-Bilgisayar Bölümü)

Matematik-1

Matematik-2

Sosyal Bilimler için Matematik

Matematiksel Modellemeler (Yüksek Lisans)

13. İletişim bilgileri:

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