AKREDİTASYON İÇİN ÖZGEÇMİŞ BİLGİLERİ

**Adı Soyadı:** ELGİZ BAYRAM

**Unvanı:** PROF. DR.

**Akademik Unvanı:** PROF. DR.

**Eğitim Bilgileri:**

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| **Derece** | **Bölüm/Program** | **Üniversite** | **Tarih** |
| **Lisans** | Bakü Devlet Üniversitesi | MATEMATİK | 1980 |
| **Y. Lisans** | Bakü Devlet Üniversitesi | MATEMATİK | 1980 |
| **Doktora** | Bakü Bilimler Akademisi | MATEMATİK | 1985 |

**İş Deneyimi:**

|  |  |  |
| --- | --- | --- |
| **Görev Unvanı** | Görev Yeri | **Tarih** |
| Asistan | Azerbaycan Bilimler Akademisi | 01.09.1980-01.01.1981 |
| Asistan | St Petersburg Matematik Enstitüsü (Rusiya) | 01.01.1981-17.09.1985 |
| Yardımcı Doçent | Azerbaycan Bilimler Akademisi | 17.09.1985-11.12.1988 |
| Doçent | Azerbaycan Bilimler Akademisi | 11.12.1988-08.02.1992 |
| Profesör | Azerbaycan Bilimler Akademisi | 08.02.1992-18.09.1992 |
| Profesör | Ankara Üniversitesi Fen Fakültesi Matematik Bölümü | 18.09.1992-… |

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| **a) Kamuda Geçirilen Toplam Süre** | 35 |
| **b) Özel Sektörde Geçirilen Toplam Süre** | - |
| **c) Öğretim Deneyim Süresi** | 35 |
| **d) Kurumdaki Deneyim Süresi** | 35 |

**İdari Görevler:**

|  |  |  |
| --- | --- | --- |
| **Görev Unvanı** | Görev Yeri | **Tarih** |
| Matematik Bölüm Başkan Yardımcılığı | Ankara Üniversitesi Fen Fakültesi Matematik Bölümü | Kasım 2008-Kasım 2011 |
| Fakülte Yönetim Kurulu Üyeliği | Ankara Üniversitesi Fen Fakültesi | Ocak 2009- Ocak 2015 |

**Yönetilen Yüksek Lisans Tezleri :**

|  |  |  |
| --- | --- | --- |
| **Y. Lisans Tez Çalışmasını Yapan Öğrenci** | Tez Başlığı | **Tarih** |
|  |  |  |
| Esra KIR | Non-selfadjoint singüler diferensiyel operatörlerin spektral analizi *Spectral analysis of non-selfadjoint singular differential operators* | 1994 |
| Özkan KARAMAN | Non-Selfadjoint singüler diferensiyel operatörlerin spektrumunun yapısı | 1995 |
| YUSUF GÖÇER | Süreksiz potansiyelli schrödinger operatörü için saçılım teorisi *The Scattering theory for the schrödinger operator with discontinuous potential* | 1999 |
| Fatma Derya AYDIN | Subordinacy metodu ve schrödinger operatörünün spektral analizi *On subordinacy and analysis of the spectrum schrödinger operators* | 2000 |
| Ayşe PATIR | Diskret schrödinger operatörlerinin spektral analizi *Spectral analysis of discret schrödinger operators* | 2005 |
| Aysun AFAT | Discret dirac operatörlerinin spektral analizi *Spectral analysis of discret dirac operators* | 2005 |
| Turhan KÖPRÜBAŞI | Basamak potansiyele sahip diferensiyel operatörler *Differential operators with steplike potentials* | 2006 |
| Nihal ÜNLÜTÜRK | Impulsive sturm-liouville operatörünün spektral analizi *Spectal analysis of the impulsive sturm-liouville operators* | 2006 |
| Adil HÜSEYNOV | q-Fark denklemlerinin ikinci derece demetleri için özdeğer problemi ve uygulamaları *An eigenvalue problem for quadratic pencils of q-difference equations and its applications* | 2006 |
| Belma TÜRKER | Spectral theory of infinite jacobi matrices *Sonsuz jacobi matrislerinin spektral teorisi* | 2008 |
| Yelda AYGAR | Sonsuz jacobi matrisleri için spektral eşitsizlikler *Spectral inequalities for infinite jacobi matrices* | 2008 |
| Ekin UĞURLU | Dissipatif Sturm-Liouville operatörleri *Dissipative Sturm-Liouville operators* | 2010 |
| Pembe İPEK | Weyl çemberi durumundaki Sturm-Liouville operatörleri *Sturm Liouville operators in the Weyl limit-circle case* | 2012 |

**Yönetilen Doktora Tezleri/Sanatta Yeterlik Çalışmaları:**

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| --- | --- | --- |
| **Doktora Tez Çalışmasını Yapan Öğrenci** | Tez Başlığı | **Tarih** |
| EKİN UĞURLU | Krein teoremi ve iletim koşullu dissipatif operatörler *Krein's theorem and dissipative operators with transmission conditions* | 2014 |
| YELDA AYGAR KÜÇÜKEVCİLİOĞLU | Matris katsayılı fark denklemleri *Difference equations with matrix coefficients* | 2013 |
| ADİL HUSEYNOV | Yarı-sonsuz zaman skalaları üzerinde Sturm-Liouville operatörü *The Sturm-Liouville operator on semi-infinite time scales* | 2010 |
| TURHAN KÖPRÜBAŞI | Sınır koşullarında spektral parametre bulunan non-selfadjoint fark operatörlerinin spektral analizi *Spectral analysis of non-selfadjoint difference operators with spectral parameter in boundary conditions* | 2010 |
| NİHAL YOKUŞ | Sınır koşulları spektral parametreye kuadratik bağımlı Sturm-Liouville operatörlerinin spektral teorisi *Spectral theory of Sturm-Liouville operators with boundary conditions depending quadratically on the spectral parameter* | 2010 |
| MUSTAFA SEYYİT SEYYİDOĞLU | Sınır koşullarında spektral parametre olan diferensiyel operatörlerin spektral analizi *Spectral analysis of differential operators with boundary conditions depending on the eigenparameter* | 2006 |
| MURAT ADIVAR | Non-selfadjoint diskret Schrödinger operatörünün spektral analizi *Spectral analysis of non-selfadjoint discrete Schrödinger operatör* | 2003 |
| ALİ AKBULUT | Homojen olmayan denklemlerin spektral özellikleri *Spectral properties of non-homogeneous equations* | 2003 |
| YUSUF ZEREN | Türevlenebilir fonksiyonlara lineer pozitif integral operatörler aileleriyle yaklaşımının asimptotik değeri *Asymptotic value of approximation to differentiable functions by families of linear positive integral operators* | 2002 |
| SEVGİ ESEN | Konvolüsyon tipinde olmayan integral operatörler ailesinin karakteristik noktalarda yakınsaklığı ve yakınsaklık hızı *Convergence and the order of convergence of family of nonconvolution type integral operators at characteristics points* | 2002 |
| NURHAN KAPLAN | Pozitif çekirdekli integral operatörler dizisinin p-lebesque noktalarında yakınsaklık hızı *The Order of convergence of the sequence of integral operators with positive kernel in p-lebesque points* | 2002 |
| ÖZKAN KARAMAN | Genel sınır koşulu ile verilen kompleks potansiyele sahip Klein-Gordon denkleminin spektrumunun yapısı *Spectral properties of Klein-Gordon equation giving by general boundary condition with complex potential* | 2001 |
| ESRA KIR | Bir diferensiyel denklem sisteminin ürettiği non-selfadjoint singüler diferensiyel operatörlerin spektral analizi | 1999 |
| GÜLEN BAŞCANBAZ | Analitik ve meromorf fonksiyonların bir sınıfı için integral gösterimi | 1995 |

**SCI Kapsamındaki yayınlar**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Yazar(lar)** | Makale Başlığı | Dergi | **Cilt/Sayı/Sayfa** | **Tarih** |
| [Uğurlu, Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249), [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474) | Krein's theorem for the dissipative operators with finite impulsive effects. | [NUMER. FUNCT. ANAL. OPTIM.](http://www.ams.org/mathscinet/search/journaldoc.html?cn=Numer_Funct_Anal_Optim) | [36 , No: 2,](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=327839) 256–270 | 2015 |
| [Uğurlu Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249), [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474) | On the rate of the convergence of the characteristic values of an integral operator associated with a dissipative fourth order differential operator in lim-4 case with finite transmission conditions. | [J. MATH. CHEM.](http://www.ams.org/mathscinet/search/journaldoc.html?cn=J_Math_Chem) | [52 , No: 10,](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=326249) 2627–2644 | 2014 |
| [Uğurlu Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249), [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474) | Spectral analysis of eigenparameter dependent boundary value transmission problems. | [J. MATH. ANAL.](http://www.ams.org/mathscinet/search/journaldoc.html?cn=J_Math_Anal_Appl)  [APPL.](http://www.ams.org/mathscinet/search/journaldoc.html?cn=J_Math_Anal_Appl) | [413 ,  No:1,](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=318698) 482–494. | 2014 |
| [Uğurlu Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249), [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474) | On singular dissipative fourth-order differential operator in lim-4 case. | [ISRN MATH. ANAL.](http://www.ams.org/mathscinet/search/journaldoc.html?cn=ISRN_Math_Anal) | Art. ID 549876, 5 pp. | 2013 |
| [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474), [Ugurlu Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249) | Krein's theorems for a dissipative boundary value transmission problem. | [COMPLEX ANAL. OPER. THEORY](http://www.ams.org/mathscinet/search/journaldoc.html?cn=Complex_Anal_Oper_Theory) | [7 , No.:4,](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=314386) 831–842 | 2013 |
| [Uğurlu, Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249); [Bairamov, Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474) | Dissipative operators with impulsive conditions. | J. MATH. CHEM | 51, No: 6, 1670-1680 | 2013 |
| [Allahverdiev Bilender P.](http://www.ams.org/mathscinet/search/author.html?mrauthid=214477), [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474),  [Ugurlu,Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249) | Eigenparameter dependent Sturm-Liouville problems in boundary conditions with transmission conditions. | J. MATH. ANAL. APPL | [401 , no:1,](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=309491) 388–39 | 2013 |
| Bairamov Elgiz, Ozalp Nuri | On convergence, asymptotic behaviour and computational algorithm of generalized exponential integral functions arising in a radiative transfer | JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER | 113 , 818-1825 | 2012 |
| [Bairamov Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474); [Ugurlu, Ekin](http://www.ams.org/mathscinet/search/author.html?mrauthid=927249) | On the characteristic values of the real component of a dissipative boundary value transmission problem | APPLIED MATHEMATICS AND COMPUTATION | 218, 9657-9663 | 2012 |
| Aygar Yelda, Bairamov Elgiz | Jost solution and the spectral properties of the matrix-valued difference operators | APPLIED MATHEMATICS AND COMPUTATION | 218, 9676-9681 | 2012 |
| [Bairamov, Elgiz](http://www.ams.org/mathscinet/search/author.html?mrauthid=213474),  [Mert, Rukiye Özturk](http://www.ams.org/mathscinet/search/author.html?mrauthid=973150), [Ismailov, Zameddin](http://www.ams.org/mathscinet/search/author.html?mrauthid=220883) | Selfadjoint extensions of a singular differential operator | JOURNAL OF MATHEMATICAL CHEMISTRY | 50, 1100-1110 | 2012 |
| Bairamov Elgiz, Ozalp Nuri | Uniform convergence and numerical computation of the Hubbell radiation rectangular sourse integral | RADİATİON PHYSİCS AND CHEMİSTRY | 80, 1312-1315 | 2011 |
| Bairamov Elgiz , Aygar Yelda, Turhan Koprubasi | Spectrum of the eigenparameter dependent discrete Sturm-Liouville equations | J. COMP. AND APPL. MATH. | 235, 4519-4523 | 2011 |
| Aygar Y, Bairamov E | Properties of the two-dimensional exponential integral functions. | J. MATH. CHEM. | 49, 1014-1025 | 2011 |
| Ozalp N, Bairamov E | Uniform convergence and computation of the generalized exponential integrals | J. MATH. CHEM*.* | 49, 2, 520-230 | 2011 |
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| Bairamov E, Ugurlu E | The determinants of dissipative Sturm-Liouville operators with transmission conditions | MATH. COMPUT. MODELLİNG | 53**,** 5-6, 805-813 | 2011 |
| Bairamov E, Aygar Y, Olgun M | Jost solution and the spectrum of the discrete Dirac systems | BOUND. VALUE PROBLEMS | Art. ID 306571, 11 pp | 2010 |
| Bairamov E, Yardimci S | Uniform convergence and the properties of the exponential and generalized exponential integral functions | JOURNAL OF QUANTİTATİVE SPECTROSCOPY AND RADİATİVE TRANSFER | 111, 2471-2473 | 2010 |
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| [Bairamov Elgiz](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=145584&v1=Bairamov,%20Elgiz), [Kir Esra](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=656323&v1=Kir,%20Esra) | Spectral properties of a finite system of Sturm-Liouville differential operators. | [INDİAN J. PURE APPL. MATH.](file:///C:\msnmain%3ffn=305&pg1=CN&s1=Indian_J_Pure_Appl_Math&v1=Indian%20J.%20Pure%20Appl.%20Math) | 35, [no. 2,](file:///C:\msnmain%3ffn=130&pg1=ISSI&s1=217643&v1=Indian%20Journal%20of%20Pure%20and%20Applied%20Mathematics%20%5b%2035%20(2004),%20no.%202%5d) 249-256. | 2004 |
| [Bairamov Elgiz](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=145584&v1=Bairamov,%20Elgiz), [Çakar Öner](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=34365&v1=\c%20Cakar,%20\%22Oner), [Krall Allan M.](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=71448&v1=Krall,%20Allan%20M) | Spectral properties, including spectral singularities, of a quadratic pencil of Schrödinger operators on the whole real axis. [*.*](file:///C:\msnmain%3ffn=305&pg1=CN&s1=Quaest_Math&v1=Quaest.%20Math) | QUAEST. MATH | 26, [no. 1,](file:///C:\msnmain%3ffn=130&pg1=ISSI&s1=209454&v1=Quaestiones%20Mathematicae.%20Journal%20of%20the%20South%20African%20Mathematical%20%20Society%20%5b%2026%20(2003),%20no.%201%5d) 15-30. | 2003 |
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| [Adivar M.](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=683314&v1=Adivar,%20M), Bairamov E, | Spectral singularities of the nonhomogeneous Sturm-Liouville equations. | [APPL. MATH. LETT.](file:///C:\msnmain%3ffn=305&pg1=CN&s1=Appl_Math_Lett&v1=Appl.%20Math.%20Lett) | 15**,**  [no. 7,](file:///C:\msnmain%3ffn=130&pg1=ISSI&s1=203284&v1=Applied%20Mathematics%20Letters.%20An%20International%20Journal%20of%20Rapid%20%20Publication%20%5b%2015%20(2002),%20no.%207%5d) 825-832. | 2002 |
| [Krall Allan M.](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=71448&v1=Krall,%20Allan%20M); [Bairamov Elgiz](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=145584&v1=Bairamov,%20Elgiz), [Cakar, Oner](file:///C:\msnmain%3ffn=130&fmt=hl&pg1=IID&s1=34365&v1=Cakar,%20Oner) | Spectral analysis of non-selfadjoint discrete Schrödinger operators with spectral singularities. | [MATH. NACHR.](file:///C:\msnmain%3ffn=305&pg1=CN&s1=Math_Nachr&v1=Math.%20Nachr) | [231](file:///C:\msnmain%3ffn=130&pg1=ISSI&s1=196118&v1=Mathematische%20Nachrichten%20%5b%20231%20(2001)%5d) , 89-104. | 2001 |
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