

## Doç.Dr. ABDULLAH SÖNMEZOĞLU

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 1996 - 2005

Yüksek Lisans, Tokat Gaziosmanpaşa Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Türkiye 1993 - 1996

Lisans, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1989 - 1993

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Fourier serileri ile bu serilerin conjugate serilerinin mutlak genelleştirilmiş nörlund toplanabilirliği, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2005

Yüksek Lisans, Fourier serilerin mutlak nörlund toplanabilirliği, Tokat Gaziosmanpaşa Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1996

### Akademik Unvanlar / Görevler

Doç.Dr., Yozgat Bozok Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - Devam Ediyor

Öğretim Görevlisi, Erciyes Üniversitesi, Yozgat Fen-Edebiyat Fakültesi, Matematik Pr., 2000 - 2007

Araştırma Görevlisi, Erciyes Üniversitesi, Yozgat Fen-Edebiyat Fakültesi, Matematik Pr., 1996 - 2000

Araştırma Görevlisi, Tokat Gaziosmanpaşa Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1994 - 1995

### Akademik İdari Deneyim

Yozgat Bozok Üniversitesi, 2017 - Devam Ediyor

Yozgat Bozok Üniversitesi, 2008 - Devam Ediyor

Yozgat Bozok Üniversitesi, 2016 - 2017

Yozgat Bozok Üniversitesi, 2008 - 2016

### Verdiği Dersler

Kompleks Fonksiyonlar Teorisi II, Lisans, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Olasılık ve İstatistik II, Lisans, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2020 - 2021

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Uzmanlık Alan Dersi I, Yüksek Lisans, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2018 - 2019, 2019 - 2020, 2020 - 2021  
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## Yönetilen Tezler

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Stationary optical solitons with Kudryashov's laws of refractive index**  
EKİCİ M., SÖNMEZOĞLU A., Biswas A.  
CHAOS SOLITONS & FRACTALS, cilt.151, 2021 (SCI İndekslerine Giren Dergi)
- II. **Stationary optical solitons with cubic-quartic law of refractive index and nonlinear chromatic dispersion**  
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- III. **Cubic-Quartic Optical Solitons with Differential Group Delay for Kudryashov's Model by Extended Trial Function**  
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- IV. **Optical solitons in birefringent fibers with four-wave mixing by extended trial equation method**  
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- V. **Optical solitons with Kudryashov's equation by extended trial function**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Alshomrani A. S. , Belic M. R.  
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Biswas A., SÖNMEZOĞLU A., EKİCİ M., Alshomrani A. S. , Belic M. R.  
OPTIK, cilt.199, 2019 (SCI İndekslerine Giren Dergi)
- VII. **Optical solitons in fiber Bragg gratings with dispersive reflectivity for cubic-quintic-septic nonlinearity by extended trial function**  
Biswas A., SÖNMEZOĞLU A., EKİCİ M., Alshomrani A. S. , Belic M. R.  
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- VIII. **Optical solitons in fiber Bragg gratings with dispersive reflectivity for parabolic-nonlocal combo nonlinearity by extended trial function**  
Biswas A., SÖNMEZOĞLU A., EKİCİ M., Alshomrani A. S. , Belic M. R.  
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- IX. **Highly dispersive singular optical solitons having Kerr law nonlinearity by Jacobi's elliptic cs function expansion**  
Biswas A., SÖNMEZOĞLU A., EKİCİ M., Alshomrani A. S.  
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- XI. **Highly dispersive optical solitons in absence of self-phase modulation by F-expansion**  
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OPTIK, cilt.187, ss.258-271, 2019 (SCI İndekslerine Giren Dergi)
- XII. **Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion**  
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OPTIK, cilt.182, ss.897-906, 2019 (SCI İndekslerine Giren Dergi)
- XIII. **Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method**  
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- XIV. **Highly dispersive optical solitons with quadratic-cubic law by F-expansion**  
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- XV. **Optical solitons in (2+1)-Dimensions with Kundu-Mukherjee-Naskar equation by extended trial function scheme**  
EKİCİ M., SÖNMEZOĞLU A., Biswas A., Belic M. R.  
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- XVI. **Highly dispersive optical solitons with non-local nonlinearity by exp-function**  
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OPTIK, cilt.186, ss.288-292, 2019 (SCI İndekslerine Giren Dergi)
- XVII. **Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended trial function scheme**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M.  
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- XVIII. **Highly dispersive optical solitons with Kerr law nonlinearity by exp-function**  
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- XIX. **Highly dispersive optical solitons in absence of self-phase modulation by exp-function**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M. R.  
OPTIK, cilt.186, ss.436-442, 2019 (SCI İndekslerine Giren Dergi)
- XX. **Highly dispersive optical solitons in absence of self-phase modulation by Jacobi's elliptic function expansion**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M. R.  
OPTIK, cilt.189, ss.109-120, 2019 (SCI İndekslerine Giren Dergi)
- XXI. **Optical solitons in birefringent fibers having anti-cubic nonlinearity with extended trial function**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M. R.  
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- XXII. **Highly dispersive optical solitons with kerr law nonlinearity by extended Jacobi's elliptic function expansion**  
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- XXIII. **Optical solitons and conservation law in birefringent fibers with Kundu-Eckhaus equation by extended trial function method**  
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- XXIV. **Optical solitons with Biswas-Arshed equation by extended trial function method**  
EKİCİ M., SÖNMEZOĞLU A.  
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- XXV. **Highly dispersive optical solitons with quadratic-cubic law by exp-function**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M. R.  
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- XXVI. **Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion**  
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- XXVII. **Highly dispersive optical solitons with cubic-quintic-septic law by It Check for exp-expansion**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M. R.  
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- XXVIII. **Exact chirped singular soliton solutions of Triki-Biswas equation**  
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- XXIX. **Optical solitons in fiber Bragg gratings with dispersive reflectivity for parabolic law nonlinearity by extended trial function method**  
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- XXX. **Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended  $G'/G$ -expansion scheme**  
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- XXXIII. **Optical solitons in birefringent fibers with four-wave mixing for quadratic-cubic nonlinearity by F-expansion**  
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- XXXV. **Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended Jacobi's elliptic function expansion**  
Biswas A., EKİCİ M., SÖNMEZOĞLU A., Belic M.  
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- XXXVI. **Soliton solutions and conservation laws of a (3+1)-dimensional nonlinear evolution equation**  
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- XL. **Optical soliton perturbation with full nonlinearity by extended trial function method**  
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- XLII. **Solitons in optical metamaterials with anti-cubic nonlinearity**  
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- XLIII. **Optical solitons with quadratic nonlinearity by extended trial equation method**  
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- XLIII. **Optical soliton perturbation in magneto-optic waveguides**  
Biswas A., Arnous A. H. , EKİCİ M., SÖNMEZOĞLU A., Seadawy A. R. , Zhou Q., Mahmood M. F. , Moshokoa S. P. , Belic M.  
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- XLIV. **Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity**  
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- XLV. **Gaussian solitary waves to Boussinesq equation with dual dispersion and logarithmic nonlinearity**  
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- XLVI. **Optical soliton perturbation for Gerdjikov-Ivanov equation by extended trial equation method**  
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- XLVII. **Optical soliton perturbation with fractional temporal evolution by extended G'/G-expansion method**  
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- XLVIII. **Optical soliton perturbation with full nonlinearity for Fokas-Lenells equation**  
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- XLIX. **Optical solitons in birefringent fibers with weak non-local nonlinearity and four-wave mixing by extended trial equation method**  
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- LIII. **Sequel to stationary optical solitons with nonlinear group velocity dispersion by extended trial function scheme**  
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