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Kişisel Bilgiler

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Eğitim Bilgileri

Post Doktora, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2010 - 2011

Post Doktora, University of South Florida, College Of Arts And Science, Department Of Mathematics And Statistics, Amerika Birleşik Devletleri 2010 - 2010

Doktora, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2005 - 2009

Yüksek Lisans, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2003 - 2005

Lisans, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Türkiye 1999 - 2003

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Diferansiyel denklemler, Kısmi diferansiyel eşitlikler

Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2022 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Multi-component AKNS systems

Gürses M., YILDIZ A.

Wave Motion, cilt.117, 2023 (SCI-Expanded)

II. Soliton solutions of the shifted nonlocal NLS and MKdV equations

Gurses M., YILDIZ A.

PHYSICS LETTERS A, cilt.422, 2022 (SCI-Expanded)

III. (2+1)-dimensional AKNS(-N) systems II

GÜRSES M., Pekcan A.

COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.97, 2021 (SCI-Expanded)

- IV. **Local and nonlocal (2+1)-dimensional Maccari systems and their soliton solutions**
Pekcan A.
PHYSICA SCRIPTA, cilt.96, sa.3, 2021 (SCI-Expanded)
- V. **Nonlocal KdV equations**
GÜRSES M., Pekcan A.
PHYSICS LETTERS A, cilt.384, sa.35, 2020 (SCI-Expanded)
- VI. **Nonlocal hydrodynamic type of equations**
GÜRSES M., Pekcan A., ZHELTKHIN K.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.85, 2020 (SCI-Expanded)
- VII. **Discrete symmetries and nonlocal reductions**
GÜRSES M., Pekcan A., ZHELTKHIN K.
PHYSICS LETTERS A, cilt.384, sa.3, 2020 (SCI-Expanded)
- VIII. **Superposition of the coupled NLS and MKdV systems**
GÜRSES M., Pekcan A.
APPLIED MATHEMATICS LETTERS, cilt.98, ss.157-163, 2019 (SCI-Expanded)
- IX. **(2+1)-dimensional local and nonlocal reductions of the negative AKNS system: Soliton solutions**
GÜRSES M., Pekcan A.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.71, ss.161-173, 2019 (SCI-Expanded)
- X. **Nonlocal coupled HI-MKdv systems**
Pekcan A.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.72, ss.493-515, 2019 (SCI-Expanded)
- XI. **Nonlocal modified KdV equations and their soliton solutions by Hirota Method**
GÜRSES M., Pekcan A.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, cilt.67, ss.427-448, 2019 (SCI-Expanded)
- XII. **Nonlocal nonlinear Schrodinger equations and their soliton solutions**
GÜRSES M., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, cilt.59, sa.5, 2018 (SCI-Expanded)
- XIII. **Traveling wave solutions of degenerate coupled Korteweg-de Vries equation**
Gurses M., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, cilt.55, sa.9, 2014 (SCI-Expanded)
- XIV. **The Klein-Gordon Equation and Differential Substitutions of the Form $v = \phi(u, u(x), u(y))$**
KUZNETSOVA M. N., Pekcan A., ZHIBER A. V.
SYMMETRY INTEGRABILITY AND GEOMETRY-METHODS AND APPLICATIONS, cilt.8, 2012 (SCI-Expanded)
- XV. **2+1 KdV(N) equations**
Gurses M., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, cilt.52, sa.8, 2011 (SCI-Expanded)
- XVI. **Uniqueness of the Kadomtsev-Petviashvili and Boussinesq Equations**
MA W., Pekcan A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.66, ss.377-382, 2011 (SCI-Expanded)
- XVII. **Complete list of Darboux integrable chains of the form $t(1x)=t(x)+d(t,t(1))$**
HABIBULLIN I., Zheltukhina N., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, cilt.50, sa.10, 2009 (SCI-Expanded)
- XVIII. **SOLUTIONS OF THE EXTENDED KADOMTSEV-PETVIASHVILI-BOUSSINESQ EQUATION BY THE HIROTA DIRECT METHOD**
Pekcan A.
JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS, cilt.16, sa.2, ss.127-139, 2009 (SCI-Expanded)
- XIX. **On the classification of Darboux integrable chains**

Habibullin I., Zheltukhina N., Pekcan A.

JOURNAL OF MATHEMATICAL PHYSICS, cilt.49, sa.10, 2008 (SCI-Expanded)

XX. On some algebraic properties of semi-discrete hyperbolic type equations

Habibullin I., Pekcan A., Zheltukhina N.

TURKISH JOURNAL OF MATHEMATICS, cilt.32, sa.3, ss.277-292, 2008 (SCI-Expanded)

XXI. Characteristic Lie algebra and classification of semidiscrete models

HABIBULLIN I. T., Pekcan A. G.

THEORETICAL AND MATHEMATICAL PHYSICS, cilt.151, sa.3, ss.781-790, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Shifted nonlocal Kundu type equations: Soliton solutions

YILDIZ A.

Partial Differential Equations in Applied Mathematics, cilt.5, 2022 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Nonlocal Reductions of Integrable Equations

GÜRSES M., YILDIZ A.

3rd INTERNATIONAL CONFERENCE ON SYMMETRIES, DIFFERENTIAL EQUATIONS AND APPLICATIONS, 14 - 17

Ağustos 2017, cilt.266, ss.27-52

II. Traveling wave solutions of degenerate coupled multi KdV equations

GÜRSES M., YILDIZ A.

III. Kadın Matematikçiler Derneği Çalıştayı, Türkiye, 27 - 29 Mayıs 2016

III. Degenerate Coupled Multi KdV Equation

GÜRSES M., YILDIZ A.

International Workshop on Differential Equations and Applications VII, 14 - 16 Temmuz 2015

IV. Traveling Wave Solutions of Degenerate Coupled KdV Equation

GÜRSES M., YILDIZ A.

International Workshop on Differential Equations and Applications VI, 13 - 15 Eylül 2013

V. 2+1 KdV N Equations

Gürses M., Yıldız A.

International Workshop on Differential Equations and Applications V, İzmir, Türkiye, 12 - 15 Eylül 2013

VI. On Some Algebraic Properties of Semi Discrete Hyperbolic Type Equations

YILDIZ A.

Differential Equations, University of South Florida, Florida/Tampa, 14 Nisan 2010

Metrikler

Yayın: 28

Atf (WoS): 213

Atf (Scopus): 218

H-İndeks (WoS): 8

H-İndeks (Scopus): 8