

Assoc. Prof. ASLI YILDIZ

Personal Information

Email: aslipekcan@hacettepe.edu.tr

Web: <https://aes.hacettepe.edu.tr/aslipekcan>

Education Information

Post Doctorate, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Turkey 2010 - 2011

Post Doctorate, University Of South Florida, College Of Arts And Science, Department Of Mathematics And Statistics, United States Of America 2010 - 2010

Doctorate, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Turkey 2005 - 2009

Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Turkey 2003 - 2005

Under Graduate, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Matematik, Turkey 1999 - 2003

Foreign Languages

English, C1 Advanced

Research Areas

Mathematics, Differential Equations, Partial Differential Equations, Natural Sciences

Advising Theses

YILDIZ A., Unification of integrable q-difference equations, Doctorate, D.SOYOĞLU(Student), 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Traveling wave solutions of degenerate coupled Korteweg-de Vries equation**
Gurses M., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, vol.55, no.9, 2014 (Journal Indexed in SCI)
- II. **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, vol.8, 2012 (Journal Indexed in SCI)
- III. **2+1 KdV(N) equations**
Gurses M., Pekcan A.
JOURNAL OF MATHEMATICAL PHYSICS, vol.52, no.8, 2011 (Journal Indexed in SCI)
- IV. **Uniqueness of the Kadomtsev-Petviashvili and Boussinesq Equations**
MA W., Pekcan A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, vol.66, pp.377-382, 2011
(Journal Indexed in SCI)
- V. **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, vol.50, no.10, 2009 (Journal Indexed in SCI)

VI. SOLUTIONS OF THE EXTENDED KADOMTSEV-PETVIASHVILI-BOUSSINESQ EQUATION BY THE HIROTA DIRECT METHOD

Pekcan A.

JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS, vol.16, no.2, pp.127-139, 2009 (Journal Indexed in SCI)

VII. On the classification of Darboux integrable chains

Habibullin I., Zheltukhina N., Pekcan A.

JOURNAL OF MATHEMATICAL PHYSICS, vol.49, no.10, 2008 (Journal Indexed in SCI)

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

Habibullin I., Pekcan A., Zheltukhina N.

TURKISH JOURNAL OF MATHEMATICS, vol.32, no.3, pp.277-292, 2008 (Journal Indexed in SCI)

IX. Characteristic Lie algebra and classification of semidiscrete models

HABIBULLIN I. T., Pekcan A. G.

THEORETICAL AND MATHEMATICAL PHYSICS, vol.151, no.3, pp.781-790, 2007 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Nonlocal Reductions of Integrable Equations**
GÜRSES M., YILDIZ A.
3rd INTERNATIONAL CONFERENCE ON SYMMETRIES, DIFFERENTIAL EQUATIONS AND APPLICATIONS, 14 - 17 August 2017, vol.266, pp.27-52
- II. Traveling Wave Solutions of Degenerate Coupled KdV Equations**
GÜRSES M., YILDIZ A.
III. Kadın Matematikçiler Derneği Çalıştayı, Turkey, 27 May 2016 - 29 January 2017
- III. Traveling wave solutions of degenerate coupled multi KdV equations**
GÜRSES M., YILDIZ A.
III. Kadın Matematikçiler Derneği Çalıştayı, Turkey, 27 - 29 May 2016
- IV. Degenerate Coupled Multi KdV Equation**
GÜRSES M., YILDIZ A.
International Workshop on Differential Equations and Applications VII, 14 - 16 July 2015
- V. Traveling Wave Solutions of Degenerate Coupled KdV Equation**
GÜRSES M., YILDIZ A.
International Workshop on Differential Equations and Applications VI, 13 - 15 September 2013
- VI. On Some Algebraic Properties of Semi Discrete Hyperbolic Type Equations**
YILDIZ A.
Differential Equations, University of South Florida, Florida/Tampa, 14 April 2010
- VII. 2 1 KdV N Equations**
GÜRSES M., YILDIZ A.
International Workshop on Differential Equations and Applications V, 12 - 15 September 2013

Citations

Total Citations (WOS):85

h-index (WOS):5