

Assoc. Prof. REFİK TURHAN

Personal Information

Web: <https://avesis.ankara.edu.tr/100955>

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Fizik (Dr), Turkey 1997 - 2002

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Fizik (YI) (Tezli), Turkey 1994 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Integrable nonautonomous KDV systems, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Fizik (Dr), 2002

Postgraduate, A Method for The Classification of Integrable Evolution Equations, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Fizik (YI) (Tezli), 1997

Academic and Administrative Experience

Ankara University, 2007 - Continues

Ankara University, 2014 - 2015

Courses

Fizikte Simetri, Postgraduate, 2013 - 2014

Klasik Mekanik I, Undergraduate, 2013 - 2014

FİZİK MÜHENDİSLİĞİNE MATEMATİKSEL METODLAR I, Undergraduate, 2013 - 2014

FİZİK MÜHENDİSLİĞİNE MATEMATİKSEL METODLAR II, Undergraduate, 2013 - 2014

Advising Theses

TURHAN R., Dinamik sistemlerde çoklu-hamiltonsal entegre edilebilirlik, Postgraduate, B.BANU(Student), 2013

TURHAN R., Köşegenleştirilebilir olmayan anakatsayılı iki bileşenli burgers denklem sistemlerinin simetri sınıflandırması, Doctorate, D.TALATI(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Two-component integrable generalizations of Burgers equations with nondiagonal linearity**
Talati D., TURHAN R.
JOURNAL OF MATHEMATICAL PHYSICS, vol.57, no.4, 2016 (SCI-Expanded)
- II. **On integrability of some bi-Hamiltonian two field systems of partial differential equations**
De Sole A., Kac V. G., TURHAN R.
JOURNAL OF MATHEMATICAL PHYSICS, vol.56, no.5, 2015 (SCI-Expanded)
- III. **A New Approach to the Lenard-Magri Scheme of Integrability**
De Sole A., Kac V. G., TURHAN R.
COMMUNICATIONS IN MATHEMATICAL PHYSICS, vol.330, no.1, pp.107-122, 2014 (SCI-Expanded)
- IV. **On a recently introduced fifth-order bi-Hamiltonian equation and trivially related Hamiltonian operators**
Talati D., TURHAN R.
Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), vol.7, 2011 (SCI-Expanded)
- V. **On non-commutative integrable burgers equations**
Gürses M., KARASU A., TURHAN R.
Journal of Nonlinear Mathematical Physics, vol.17, no.1, pp.1-6, 2010 (SCI-Expanded)
- VI. **A new integrable generalization of the Korteweg-de Vries equation**
Karasu-Kalkanli A., KARASU A., Sakovich A., Sakovich S., TURHAN R.
JOURNAL OF MATHEMATICAL PHYSICS, vol.49, no.7, 2008 (SCI-Expanded)
- VII. **Infinite-Hamiltonian structures of the Riemann equation**
TURHAN R.
Turkish Journal of Physics, vol.30, no.5, pp.445-450, 2006 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Integrable Burgers type Two component Systems with Nondiagonalizable Linearity**
Talati D., TURHAN R.
Physics and Mathematics of Nonlinear Phenomena 2015, 22 - 27 June 2015

Metrics

Publication: 8

Citation (WoS): 101

Citation (Scopus): 110

H-Index (WoS): 3

H-Index (Scopus): 4