# Res. Asst. PhD İbrahim Murat TURHAN

## Personal Information

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## Education Information

Doctorate, Ecole Polytechnique Federale De Lausanne, Sciences De Base, Section De Mathematiques, Switzerland 2002 - 2008
Postgraduate, International Centre For Theoretical Physics, Mathematics Section, Pre-Doctorate Programme, Italy 2000 - 2001
Postgraduate, Yildiz Technical University, Fen Bilimleri Ensititüsü, Matematik, Turkey 1993 - 1995
Undergraduate, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1989 - 1993

## Foreign Languages

English, C1 Advanced
French, C1 Advanced
Italian, B1 Intermediate

## Research Areas

Mathematics, Differential Equations, Differential Geometry, Natural Sciences

## Academic and Administrative Experience

Akademik ve Kültürel Etkinlik Komisyon Bşk., Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 2019 - Continues
Bölüm Bitirme Tezi Komisyonu Üyeliği, Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 2018 - Continues
Fakülte Kalite Temsilcisi, Yildiz Technical University, Faculty of Arts & Science, 2017 - Continues
Bölüm Kalite Komisyonu Üyesi, Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 2014 - Continues
Fakülte Akademik ve Kültürel Etkinlik Komisyonu Üyesi, Yildiz Technical University, Faculty of Arts & Science, 2016 - 2019
Bölüm Bologna Komisyonu Üyesi, Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 2014 - 2016
Exam Commision, Ecole Polytechnique Federale De Lausanne, Science de Base, Section des Mathematiques, 2002 - 2008

# Published journal articles indexed by SCI, SSCI, and AHCI

I. **Stability of Equilibria for the so4 Free Rigid Body**
TURHAN İ. M.
J. Nonlinear Science, 2012 (SCI-Expanded)

# Refereed Congress / Symposium Publications in Proceedings

I. **A Bilinear Hirota-Kimura Discretization of the Motion of a Rigid Body in an Ideal Fluid**
Turhan İ. M., Uslu S., Özçubukcu Z., Baykal Ünal O.
Second International Conference on Mathematical Advances and Applications (ICOMAA2019), İstanbul, Turkey, 3 - 05 May 2019, pp.75

II. **A Bilinear Discretization of the Motion of a Rigid Body in an Ideal Fluid**
TURHAN İ. M.
5th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference (IFSCOM 2018), Kahramanmaraş, Turkey, 05 September 2018, pp.77

III. **On HK-Type Discretization of a Heavy Rigid Body**
Turhan İ. M., Uslu S.
International Conference on Mathematical Advances and Applications (ICOMAA2018), İstanbul, Turkey, 11 May 2018, pp.117

IV. **Hirota Type Discretization Of Clebsch Equations**
Turhan İ. M.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 - 27 July 2017, pp.116

V. **On an approach for discretization of Kowalevski top**
TURHAN İ. M.
3rd International Conference on Pure and Applied Sciences, Dubai, United Arab Emirates, 02 February 2017, pp.17

# Metrics

Publication: 6

# Congress and Symposium Activities

5th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference (IFSCOM 2018), Attendee, Kahramanmaraş, Turkey, 2018
INTERNATIONAL CONFERENCE on MATHEMATICAL ADVANCES and APPLICATIONS (ICOMAA2018), Attendee, Turkey, 2018
13th Algebraic Hyperstructures and its Applications (AHA2017), Attendee, İstanbul, Turkey, 2017
3rd International Conference on Pure and Applied Sciences, Attendee, Dubai, United Arab Emirates, 2017