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Education Information

Doctorate, Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Doğrusal Olmayan Analiz, Azerbaijan 1993 - 1996

Under Graduate, Bakü Devlet Üniversitesi, Mekanik Ve Matematik, Matematik, Azerbaijan 1986 - 1993

Dissertations

Doctorate, Hiperbolik denklemlerin yerel olmayan çekicilerinin incelenmesi, Azerbaycan Bilimler Akademisi, 1996

Research Areas

Mathematics, Differential Equations, Real Functions, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - Continues

Advising Theses

HANMEHMETLİ A., Evrimsel operatörler ailesinin çekicileri, Post Graduate, T.URHAN(Student), 2016
HANMEHMETLİ A., Yarı doğrusal levha denkleminin uzun zaman dinamiği, Doctorate, S.YAYLA(Student), 2016

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

I.   **On the two dimensional fast phase transition equation: well-posedness and long-time dynamics**
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II. **On the 2D Cahn-Hilliard/Allen-Cahn equation with the inertial term**
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VIII. **EXISTENCE OF THE GLOBAL ATTRACTOR FOR THE PLATE EQUATION WITH NONLOCAL NONLINEARITY IN R-n**
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IX. **Exponential decay of solutions for the plate equation with localized damping**
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X. **Strongly damped wave equation with exponential nonlinearities**
Khanmamedov A.
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XI. **Global attractors for the plate equation with nonlocal nonlinearity in unbounded domains**
ARAT Z., Khanmamedov A., SIMSEK S.
DYNAMICS OF PARTIAL DIFFERENTIAL EQUATIONS, vol.11, no.4, pp.361-379, 2014 (Journal Indexed in SCI)

XII. **LONG-TIME DYNAMICS OF THE PARABOLIC p-LAPLACIAN EQUATION**
GEREDELI P. G. , Khanmamedov A.
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XIII. **Global attractor for the one dimensional wave equation with displacement dependent damping**
Khanmamedov A.
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Khanmamedov A.
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XV. **A global attractor for the plate equation with displacement-dependent damping**
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NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.74, no.5, pp.1607-1615, 2011 (Journal Indexed in SCI)

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Khanmamedov A.
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XIX. **Global attractors for one dimensional p-Laplacian equation**
Khanmamedov A.
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XX. **LONG-TIME BEHAVIOUR OF DOUBLY NONLINEAR PARABOLIC EQUATIONS**
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COMMUNICATIONS ON PURE AND APPLIED ANALYSIS, vol.8, no.4, pp.1373-1400, 2009 (Journal Indexed in SCI)

XXI. **On a global attractor for the strong solutions of the 2-D wave equation with nonlinear damping**
Khanmamedov A.
APPLICABLE ANALYSIS, vol.88, no.9, pp.1283-1301, 2009 (Journal Indexed in SCI)

XXII. **On the existence of a global attractor for the wave equation with nonlinear strong damping perturbed by nonmonotone term**
Khanmamedov A.
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XXIII. **Long-time behaviour of wave equations with nonlinear interior damping**
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XXIV. **Finite dimensionality of the global attractors for von Karman equations with nonlinear interior dissipation**
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XXV. **Global attractors for wave equations with nonlinear interior damping and critical exponents**
Khanmamedov A.
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XXVI. **Global attractors for the plate equation with a localized damping and a critical exponent in an unbounded domain**
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XXVII. **Global attractors for von Karman equations with nonlinear interior dissipation**
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XXIX. **Existence of a global attractor for the plate equation with a critical exponent in an unbounded domain**
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Refereed Congress / Symposium Publications in Proceedings

I. **Long Time BEhaviour of the Plate Equation with Nonlocal Nonlinearity**
Yayla S., ARAT Z., HANMEHMETLİ A.
The 11th AIMS Conference on Dynamic Systems, Differential Equations and Applications, United States Of America, 1 - 05 July 2016

Supported Projects

HANMEHMETLİ A., Project Supported by Higher Education Institutions, Yerel dissipatif terimlere sahip yarı doğrusal levha denkleminin yerel olmayan çekicileri, 2017 - 2018

Citations

Total Citations (WOS):362
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