

# CURRICULUM VITAE

**First Name:** ANDREI

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**Date and Place of Birth:** August 14, 1982, Vînju Mare, Romania.

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## EDUCATION:

- 2006–2010: Ph.D degree in Mathematics, University of Craiova, Romania; Ph.D thesis: "*Nonlinear elliptic equations and applications*", scientific advisor: prof. **Vicențiu Rădulescu**.
- 2005–2007: M.S. in Mathematical Analysis, "*Dynamical Systems and Problems of Evolution*", University of Craiova, Romania;
- 2001–2005: B.S. in Mathematics - Faculty of Mathematics and Computer Science, University of Craiova, Romania;
- 1997–2001: Theoretical High School Cujmir, specialization in Mathematics and Physics.

## PRIZES AND SKILLS:

- scholarships from University of Craiova during the period of studies (B.S. and M.S.).

## PROFESSIONAL EXPERIENCE AND ACTIVITIES:

- Ph.D student employed at the Faculty of Mathematics and Computer Sciences, University of Craiova (2006–2010).
- titular taught mathematics at Theoretical High School Cujmir (starting from 01. 09. 2005).
- got involved in several evaluation processes for inter-districts mathematical competitions.
- presented several papers at pedagogical meetings.

## QUALIFICATIONS:

- graduated the course "Use of A.E.L. system-education system for high schools" (2009)
- graduated the course "National Exams" (2008)
- passed the exam for permanent teacher certification (2007).
- graduated the course "Counselling and orientation" (2007)
- graduated the course "Professional development programme based on school activities" (2006)

## PUBLICATIONS

- [1. ] **I. Andrei**, Existence theorems for some classes of boundary value problems involving the  $p(x)$ -Laplacian, *Nonlinear Analysis: Modelling and Control*, **13**, (2008), nr. 2, 145-158.
- [2. ] **I. Andrei**, Multiplicity results for nonlinear eigenvalue problems on unbounded domains, *Mathematica (Cluj)*, **51** (2009), 3-13.
- [3. ] **I. Andrei**, Existence and non-existence results for elliptic exterior problems with nonlinear boundary conditions, *An. Șt. Univ. Ovidius Constanța*, **17** (2009), 105-118.
- [4. ] **I. Andrei**, Blow-up boundary solutions for a class of nonhomogeneous logistic equations, *Annals of University of Craiova*, **36** (2009), 145-157.

- [5. ] **I. Andrei** and **N. Costea**, Nonlinear hemivariational inequalities and applications to nonsmooth mechanics, *Advances in Nonlinear Variational Inequalities*, **13** (2010), 1-17.
- [6. ] **I. Andrei**, **N. Costea** and **A. Matei** Antiplane shear deformations of piezoelectric bodies in contact with a conductive support, *Math. Nachr.*, trimis spre publicare.

## PRESENTATIONS AT CONFERENCES

1. *National Session of Student Scientific Communications "Alexandru Myller", Iasi, july-2008*, the communication entitled "Multiplicity results for nonlinear eigenvalue problems".
2. *National Session of Student Scientific Communications, Iasi, july-2007*, the communication entitled "Nonlinear analysis methods in the study of boundary value problems".
3. *National Session of Student Scientific Communications, Iasi, may-2005*, the communication entitled "Singular elliptic problems".