

## CURRICULUM VITAE

Name: **Claudiu Răducu STRUGARIU**, born: July 23rd, 1978, Rădăuți (Suceava), România.

### a) Higher education, degrees and diplomas:

**Bachelor's degree:** „Alexandru Ioan Cuza” University of Iași, Faculty of Mathematics, June 2000;

**Master's degree:** „Alexandru Ioan Cuza” University of Iași, Faculty of Mathematics, June 2002;

**Ph.D.:** „Alexandru Ioan Cuza” University of Iași, Faculty of Mathematics, confirmed by the Order of The Ministry of Education and Scientific Research 3492/23.03.2010; the title of the thesis: *Contributions to the study of some set-valued vector optimization problems* – defended December 2009; scientific supervisor: prof. dr. Constantin Zălinescu.

### b) Professional experience:

**2005 - present** - Department of Mathematics, „Gheorghe Asachi” Technical University of Iași: 2005 - 2007 - instructor professor; 2007-2011 - assistant professor; 2011-2013 - lecturer; 2013-2015 - associate professor; 2015-present - professor.

**2014 - 2015** - Post-doctoral fellowship, Faculty of Mathematics, „Alexandru Ioan Cuza” University of Iași.

**c) Research activity:** nonsmooth analysis - scalar, vector and set-valued optimization, regularity of mappings.

Publications: **more than 30 articles published in high quality international mathematical journals** (see <http://math.etc.tuiasi.ro/rstrugariu/index.php/publications/> for a complete list), **cited** 179 times without self-citations (cf. WOS), 241 times by 131 authors (cf. MathSciNet), 433 times (cf. Google Scholar); h-index: 10 (cf. WOS and Scopus), 13 (cf. Google Scholar); 1 book (see <https://www.degruyter.com/document/doi/10.2478/9783110426045/html>); 1 book chapter (see <https://www.routledge.com/Variational-Analysis-and-Set-Optimization-Developments-and-Applications/Khan-Kobis-Tammer/p/book/9781138037267>).

**d) Participation to international conferences** (selected list):

– *International Conference on Variational Analysis and Nonsmooth Optimization (ICVANO 2021)*, online (<https://wiki.math.ntnu.no/icvano2021/start>), July 2021 (**invited speaker**)

– *Atelier de travail en Equations aux Dérivées Partielles*, Bucharest, Romania, December 2018 (**invited speaker**)

– *6th International Conference on Continuous Optimization*, Berlin, Germany, August 2019;

– *4th Conference on Optimization Methods and Software*, Havana, Cuba, December 2017;

– *Set Optimization for Applications*, Vienna, Austria, September 2016;

– *5th International Conference on Continuous Optimization*, Tokyo, Japan, August 2016;

– *28th European Conference on Operational Research*, Poznan, Poland, July 2016;

- 27th European Conference on Operational Research, Glasgow, United Kingdom, July 2015;
- 13th Viennese Workshop on Optimal Control and Dynamic Games, Vienna, Austria, May 2015;
- Set-Valued Variational Analysis and Optimization with Applications in Finance, Brunico, Italy, September 2014.

**e) Organization of scientific events:**

- Member of the Organizing and Scientific Committees of *International Conference on Pure and Applied Mathematics*, Iași, 2010, 2013, 2015, 2017, 2019;
- Member of the Organizing Committee of *South Eastern European Mathematical Olympiad for University Students (SEEMOUS)*, Iași, 2014, 2018.

**f) Research grants (as member):**

2018-2020 – Grant CNCSIS PN-III-P1-1.1-TE-2016-0868 (*Time optimal controllability for infinite dimensional systems*, Project Leader assoc. prof. dr. Alina Lazu);

2017-2019 – Grant CNCSIS PN-III-P4-ID-PCE-2016-0188 (*Variational approaches to set-valued optimization and applications*, Project Leader prof. dr. Constantin Zălinescu);

2015-2017 - Grant CNCSIS PN-II-RU-TE-2014-4-0019 (*Variational methods with applications to generalized vector optimization problems*, Project Leader prof. dr. Marius Durea);

2011-2016 - Grant CNCSIS PN-II-ID-PCE-2011-3-0563 (*Models from medicine and biology: mathematical and numerical insights*, Project Leader prof. dr. Narcisa Dumitriu);

2011-2016 - Grant CNCSIS PN-II-ID-PCE-2011-3-0084 (*Regularity and sensitivity in multicriteria optimization*, Project Leader prof. dr. Constantin Zălinescu);

2007-2010 - Grant CNCSIS ID\_379 13/30.09.2007 (*Scalarization functions and Lagrange multipliers in optimization problems*, Project Leader prof. dr. Constantin Zălinescu).

**g) Reviewer** for several important ISI indexed journals in the area of the Optimization Theory:

*SIAM Journal on Optimization, Journal of Global Optimization, Nonlinear Analysis: Theory Methods and Applications, Journal of Optimization Theory and Applications, Set-Valued and Variational Analysis, Journal of Mathematical Analysis and Applications, Optimization Letters, Optimization Methods & Software, Optimization - Taylor and Francis, TOP* etc.

**h) Member of** the following **scientific organizations**: American Mathematical Society, Mathematical Optimization Society, SSMR.

**i) Other activities:**

- **Team Leader/Deputy Team Leader** of the „Gheorghe Asachi” Technical University of Iași student’s teams for national and international mathematical competitions (SEEMOUS, Ariel University Mathematics Olympiad - Israel, „Traian Lalescu” National Competition for University Students);
- Leader of one of the **grading teams** at IMO 2018, Cluj-Napoca.