

# Curriculum Vitae

Assist. prof. Doru-Mihai DUMITRESCU,  
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## 1 HIGHEST EDUCATION

- PhD in Mathematics, "Operators with fixed point in JS generalized metric spaces" (Supervisor: Prof. Dr. Habil. Mihai POSTOLACHE), thesis in defense.
- Master Graduate: "Algebra, Geometry and Cryptography", Faculty of Mathematics and Computer Science, University of Bucharest, June 2020.
- B.A. (Mathematics), Faculty of Mathematics and Computer Science, University of Bucharest, June 2018.

## 2 ACADEMIC/RESEARCH EMPLOYMENT

- Assistant Professor, Department of Mathematics & Informatics, National University of Science and Technology "Politehnica" Bucharest, from October 5, 2021 until present.

## 3 TEACHING EXPERIENCE (TUTORIAL)

- Mathematical Analysis;
- Linear Algebra, Analytic and Differential Geometry;
- Special Mathematics;
- Systems Theory & Optimal Control.

## 4 RESEARCH DIRECTIONS

- Nonexpansive mappings, and their generalizations (47H09);
- Fixed-point theorems (47H10);
- Fixed-point and coincidence theorems (54H25).

## 5 MEMBERSHIP

Research Group on Nonlinear Analysis and Optimization.

## 6 COMPUTER SKILLS

- Advanced in  $\text{\LaTeX}$ ;
- MS Office;
- Matlab;
- SICStus Prolog.

## 7 COMMUNICATION SKILLS

- High proficiency in English;

## 8 PUBLISHED PAPERS

- D. Dumitrescu, *Geraghty-type contractions in Jleli-Samet generalized metric spaces*, J. Non-linear Convex Anal., 24(2023), 1005-1020;
- D. Dumitrescu, A. Pitea, *Fixed point theorems for  $(\alpha, \psi)$ -rational type contractions in Jleli-Samet generalized metric spaces*, AIMS Mathematics 8(2023), 16599-16617;
- D. Dumitrescu, *Weakly contractive operators in Jleli-Samet generalized metric spaces*, U. Politeh. Buch. Ser. A, 84(2022), 33-40;
- D. Dumitrescu, A. Pitea, *Fixed point theorems on almost  $(\varphi, \theta)$ -contractions in Jleli-Samet generalized metric spaces*, Mathematics, 10(2022), No. 22, Art. No. 4239.

## 9 SCIENTIFIC REFEREE

- Hacet. J. Math. Stat.

Doru-Mihai DUMITRESCU

Date: 08 December, 2023