

Universitatea Națională Știință și Tehnologie Politehnica București

Facultatea de Științe Aplicate

Departamentul Matematică Informatică

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### Lista completă a lucrărilor

#### I. TEZA DE DOCTORAT (T)

"Stochastic Perturbation of Certain Sub-Riemannian Structures", 2017

#### II. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

**Ris minim 0.5:**

1. Calineata, C, **Turcanu, T**: On fixed proximal pairs of Er-mappings. AIMS Mathematics 8(2023), No. 11, 26632-26649, WOS:001074270700003

2. C. Calineată , C. Ciobănescu, **T. Turcanu**, Common Fixed Point of Two L-2 Operators with Convergence Analysis and Application *Mathematics* Vol.11(2023), iss. 3, ISSN 2227-7390 (IF:2.592, WOS:000932912400001)

3. G.I. Usurelu, **T. Turcanu**, Postolache, M. Algorithm for Two Generalized Nonexpansive Mappings in Uniformly Convex Spaces. *Mathematics* Vol.10(2022), iss. 3, ISSN 2227-7390 (IF:2.592, WOS:000755414100001)

4. G.I. Usurelu, **T. Turcanu**, Best proximity points of (EP)-operators with qualitative analysis and simulation, *Mathematics and Computers in Simulation (MATCOM)*, Elsevier, vol. 187(2021), p. 215-230. (IF: 3.601, WOS:000642357500013)

5. C. Ciobanescu, **T. Turcanu**, On Iteration S-n for Operators with Condition (D), *Symmetry*, Vol.12(2020), iss. 10, ISSN 2073-8994 (IF: 2.94, WOS:000585440300001).

6. H. Houmani, **T. Turcanu**, CQ-Type Algorithm for Reckoning Best Proximity Points of EP-Operators, *Symmetry*, Vol. 12(2020), iss.1, ISSN 2073-8994 (IF: 2.94, WOS:000516823700004).

7. W. Kassab, **T. Turcanu**, Numerical Reckoning Fixed Points of (E)-Type Mappings in Modular Vector Spaces, *Mathematics*, Vol. 7(2019), iss. 5, ISSN 2227-7390 (IF: 2.592, WOS:000472664400012).

8. **T. Turcanu**, On subRiemannian geodesics associated to a Grushin operator, *Appl. Analysis*, Vol. 97(2018), iss. 3, pp. 368-381, ISSN: 0003-6811 (IF: 1.076, WOS:000424137100005).

9. **T. Turcanu**, C. Udriste, Stochastic accessibility on Grushin-type manifolds, *Statist. Probab. Lett.*, Vol. 125 (2017), pp. 196-201, ISSN: 0167-7152 (IF: 0.615, WOS:000399628000025).

10. A. Halilovic, **T. Turcanu**, A coloring property for stable allocations, *Mathematical Social Sciences*, Vol. 80(2016), pp.65-69, ISSN: 0165-4896 (IF: 0.540, WOS:000374363600007).

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11. **T. Turcanu**, On the convergence of a new iterative scheme in CAT(0) spaces, *J. Adv. Math. Stud.*, Vol. 12(2019), iss. 2, pp. 210-217, ISSN 2065-3506.

12. **T. Turcanu**, C. Udriste, Stochastic Connectivity on a almost-Riemannian structure induced by symmetric polynomials, *U. Politeh. Bucharest Sci. Bull. Ser. A Appl. Math. Phys*, Vol. 81 (2019), iss. 2, ISSN 1223-7027 (IF: 1.16, WOS:000469381900002).

13. **T. Turcanu**, C. Udriste, Stochastic perturbation and connectivity based on Grushin distribution, *U. Politeh. Bucharest Sci. Bull. Ser. A Appl. Math. Phys.*, Vol.79(2017), iss.1, pp. 3-10, ISSN 1223-7027 (IF: 1.16, WOS:000396709800001).

15. **T. Turcanu**, C. Udriste, Tzitzeica geometry of soliton solutions for quartic interaction PDE, *Balkan J. Geom. Appl.*, 21 (2016) , iss. 1, pp.103-112, ISSN 1224-2780.

15. **T. Turcanu**, C. Udriste, A lower bound for the Dirichlet energy of moving frames on a torus immersed in  $H^n$ , *Balkan J. Geom. Appl.*, 20 (2015), iss. 2, pp. 84-91, ISSN 1224-2780.

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1.10.2023

Semnatura:

