

Lista de lucrări

I. TEZA (E) DE DOCTORAT (T)

1. C.-D. Neacșu, *Geometric structures on manifolds. Submanifolds and applications*, PhD Thesis, UNSTPB, 2024.

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

Ris1. C.-D. Neacșu, *On the stability of T-space forms*, J. Geom. Phys. 199 (2024), 105162. WOS:001221865500001, Factor de impact: 1.6, ISSN 0393-0440.

Ris2. C.-D. Neacșu, N.B. Turki, G.-E. Vîlcu, *Classification of quasi-product production models with minimal isoquants*, Math. Methods Appl. Sci. 47(9) (2024), 7532-7545. WOS:001171156500001, Factor de impact: 2.1, ISSN 0170-4214.

Ris3. M. Aquib, M.S. Lone, C.-D. Neacșu, G.-E. Vîlcu, *On delta-Casorati curvature invariants of Lagrangian submanifolds in quaternionic Kaehler manifolds of constant q-sectional curvature*, Rev. Real Acad. Cienc. Exactas Fis. Nat. Ser. A-Mat. 117 (2023), 107. WOS:000978346500001, Factor de impact: 1.8, ISSN 1578-7303.

Ris4. C.-D. Neacșu, *On some optimal inequalities for statistical submanifolds of statistical space forms*, Politehn. Univ. Bucharest Sci. Bull. Ser. A Appl. Math. Phys. 85 (2023), 107-118. WOS:000956056600011, Factor de impact: 0.7, ISSN 1223-7027.

Ris5. C.-D. Neacșu, *On the stability of the quaternion projective space*, Reports on Mathematical Physics 94(03) (2024), 395-404. Factor de impact: 0.9, ISSN 0034-4877.

Ris6. C.-D. Neacșu, G.-E. Vîlcu, *On the stability of generalized S-space forms with two structure vector fields*, Facta Universitatis - Series Mathematics and Informatics, în curs de publicare. ISSN 0352-9665. Mathscinet, Zentralblatt, Emerging Sources Citation Index (Factor de impact: 0.5).

Ris7. A.A. Syied, C.-D. Neacșu, N.B. Turki, G.-E. Vîlcu, *Investigations of warped product manifolds through the concircular curvature tensor with relativistic applications*, Letters in Mathematical Physics (2025), 115, article number 10. WOS:001406626200001, Factor de impact: 1.4, ISSN 0377-9017.

Vi1. C.-D. Neacșu, *Mixed 3-Sasakian statistical manifolds and statistical submersions*. In: Rovenski, V., Walczak, P., Wolak, R. (eds) Differential Geometric Structures and Applications. Springer Proceedings in Mathematics & Statistics, vol. 440, Chapter 5, 89-115, Springer, Cham (2024). Mathscinet, Zentralblatt.

VII. COMUNICĂRI ȘTIINȚIFICE NEPUBLICATE

E1. C.-D. Neacșu, *Curvature invariants of Lagrangian submanifolds in quaternionic space forms*, Session of Mathematical Communications 2022, Ovidius University of Constanța, Faculty of Mathematics and Computer Science, December 10, 2022, Constanța (Romania).

E2. C.-D. Neacșu, *On some optimal Casorati inequalities*, The 4th International Workshop Differential Geometric Structures and Applications, May 11-13, 2023, Haifa University, Haifa (Israel).

E3. C.-D. Neacșu, G.-E. Vîlcu, *On the stability of the identity map of compact space forms*, XXII Geometrical Seminar, May 26-31, 2024, Vrnjacka Banja (Serbia).

E4. C.-D. Neacșu, *Statistical manifolds and statistical submersions*, Trends in Science and Technology, The Confluence of Mathematics, Physics and Computer Science, Petroleum-Gas

University of Ploiesti, June, 2025 (Romania).

Data

19.10.2025

Lect. Dr.

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A handwritten signature in black ink, appearing to read 'Crina', with a stylized flourish extending from the end.