Anexa 3

Data 8.06.2023

Concurs pentru ocuparea postului de Conferențiar universitar, poz. 10
Departamentul de Matematici Aplicate
Disciplinele: Analiză matematică; Probabilități și statistică matematică; Matematică
Domeniul: MATEMATICĂ
post publicat în Monitorul Oficial al României nr. 152 din 24.04.2023.

L I S T A D E L U C R Ă R I

Candidat: MARINESCU (DECU) F. Simona Cornelia - **Dr.**/din 2010, lector universitar /din 2017

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări din prezenta listă de lucrări:

1. S. Decu, *Casorati Inequalities for Spacelike Submanifolds in Sasaki-like Statistical Manifolds with Semi-Symmetric Metric Connection*, Mathematics, 10(19), pg. 15, 2022, ISSN 2227-7390, DOI 10.3390/math10193509, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math10193509**

2. S. Decu, G.-E. Vîlcu, *Casorati Inequalities for Statistical Submanifolds in Kenmotsu Statistical Manifolds of Constant ϕ-Sectional Curvature with Semi-Symmetric Metric Connection*, Entropy 24 (6), pg. 16, 2022, ISSN 1099-4300**,** DOI 10.3390/e24060800, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e24060800**

3. S. Decu, S. Haesen, *Chen Inequalities for Spacelike Submanifolds in Statistical Manifolds of Type Para-Kahler Space Forms*, Mathematics 10 (3), pg. 12, 2022, ISSN 2227-7390, DOI 10.3390/math10030330, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math10030330**

4. B.-Y. Chen, **S. Decu**, G.-E. Vîlcu, *Inequalities for the Casorati curvature of totally real spacelike submanifolds in statistical manifolds of type para-Kähler space forms*, Entropy, 23 (11), pg. 13, 2021, ISSN 1099-4300, DOI 10.3390/e23111399, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e23111399**

5. S. Decu, R. Deszcz, S. Haesen, *A classification of Roter type spacetimes*, International Journal of Geometric Methods in Modern Physics, 18 (9), pg. 13, 2021, ISSN 0219-8878, DOI 10.1142/S0219887821501474, indexed within Web of Science (SCIE), Scopus, Impact Factor 1,873 (2021), **https://doi.org/10.1142/S0219887821501474**

6. S. Decu, S. Haesen, L. Verstraelen, *Inequalities for the Casorati curvature of statistical manifolds in holomorphic statistical manifolds of constant holomorphic curvature*, Mathematics, 8 (2), pg. 13, 2020, ISSN 2227-7390, DOI 10.3390/math8020251, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math8020251**

7. S. Decu, S. Haesen, L. Verstraelen, G.-E. Vîlcu, *Curvature invariants of statistical submanifolds in Kenmotsu statistical manifolds of constant ϕ-sectional curvature*, Entropy, 20 (7), pg. 15, 2018, ISSN 1099-4300, DOI 10.3390/e20070529, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e20070529**

8. **S. Decu,** M. Petrovic-Torgasev, A. Sebekovic, L. Verstraelen, *Ricci and Casorati principal directions of Wintgen ideal submanifolds*, Filomat, 28(4), pp. 657-661, 2014, ISSN 0354-5180 (print), ISSN 2406-0933 (online), DOI 10.2298/FIL1404657D, indexed within Web of Science (SCIE), Scopus, Impact Factor 0,988 (2021), **http://www.pmf.ni..ac.rs/filomat**

9. B.-Y. Chen, **S. Decu**, L. Verstraelen, *Notes on isotropic geometry of production models*, Krag. J. Math., 38(1), pp. 23-33, 2014, ISSN 1450-9628 (print), ISSN 2406-3045 (online), DOI 10.5937/KgJMath1401023C, indexed within Web of Science (ESCI), Scopus, MathSciNet, **14040466693665_2_notes_on_isotropic_geometry_of_production_models.pdf (kg.ac.rs)**

10. **S. Decu**, L. Verstraelen, *A note of the isotropical geometry of production surfaces*, Krag. J. Math., 37(2), pp 217-220, 2013, ISSN 1450-9628 (print), ISSN 2406-3045 (online), indexed within Web of Science (ESCI), Scopus, MathSciNet, **13861997945374_13861656968615_2.pdf (kg.ac.rs)**

2 Teza de doctorat
T1. *Riemannian invariants of submanifolds* (2009), profesor coordonator prof. Dr. Ion Mihai

3 Cărţi/cursuri publicate în edituri recunoscute(Ca1, Ca2 etc.), îndrumare publicate(I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, (D1, D2 etc.), după caz, prin care se aduc contribuţii a dezvoltarea activităţilor didactice/profesionale.

4 Cărţi de specialitate publicate în edituri recunoscute(Cb1, Cb2 etc.), **articole/studii** publicate in extenso în reviste de specialitate de circulaţie internaţională recunoscute (reviste cotate ISI sau indexate în baze de date internaţionale specifice domeniului)(Ri1, Ri2etc.), **articole/studii** in extenso publicate în volumele unor manifestări ştiinţifice internaţionale recunoscute din ţară şi din străinătate (cu ISSN/ ISBN)(Vi1,Vi2 etc.), precum şi **alte lucrări similare**: articole/studii publicate in extenso în reviste de specialitate de circulaţie naţională recunoscute CNCSIS (Rn1, Rn2 etc.), articole/studii publicate in extenso în volumele unor manifestări ştiinţifice naţionale (cu ISSN/ISBN)(Vn1,Vn2 etc.), lucrări prezentate la diferite seminarii/expoziţii, inovaţii etc.(E1, E2 etc.), după caz, prin care se aduc contribuţii la dezvoltarea *domeniului*.'

Ri1. S. Decu, *Casorati Inequalities for Spacelike Submanifolds in Sasaki-like Statistical Manifolds with Semi-Symmetric Metric Connection*, Mathematics, 10(19), pg. 15, 2022, ISSN 2227-7390, DOI 10.3390/math10193509, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math10193509**

Ri2. S. Decu, G.-E. Vîlcu, *Casorati Inequalities for Statistical Submanifolds in Kenmotsu Statistical Manifolds of Constant ϕ-Sectional Curvature with Semi-Symmetric Metric Connection*, Entropy 24 (6), pg. 16, 2022, ISSN 1099-4300**,** DOI 10.3390/e24060800, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e24060800**

Ri3. S. Decu, S. Haesen, *Chen Inequalities for Spacelike Submanifolds in Statistical Manifolds of Type Para-Kahler Space Forms*, Mathematics 10 (3), pg. 12, 2022, ISSN 2227-7390, DOI 10.3390/math10030330, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math10030330**

Ri4. B.-Y. Chen, **S. Decu**, G.-E. Vîlcu, *Inequalities for the Casorati curvature of totally real spacelike submanifolds in statistical manifolds of type para-Kähler space forms*, Entropy, 23 (11), pg. 13, 2021, ISSN 1099-4300, DOI 10.3390/e23111399, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e23111399**

Ri5. S. Decu, R. Deszcz, S. Haesen, *A classification of Roter type spacetimes*, International Journal of Geometric Methods in Modern Physics, 18 (9), pg. 13, 2021, ISSN 0219-8878, DOI 10.1142/S0219887821501474, indexed within Web of Science (SCIE), Scopus, Impact Factor 1,873 (2021), **https://doi.org/10.1142/S0219887821501474**

Ri6. S. Decu, S. Haesen, L. Verstraelen, *Inequalities for the Casorati curvature of statistical manifolds in holomorphic statistical manifolds of constant holomorphic curvature*, Mathematics, 8 (2), pg. 13, 2020, ISSN 2227-7390, DOI 10.3390/math8020251, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math8020251**

Ri7. S. Decu, S. Haesen, L. Verstraelen, G.-E. Vîlcu, *Curvature invariants of statistical submanifolds in Kenmotsu statistical manifolds of constant ϕ-sectional curvature*, Entropy, 20 (7), pg. 15, 2018, ISSN 1099-4300, DOI 10.3390/e20070529, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e20070529**

Ri8. **S. Decu,** M. Petrovic-Torgasev, A. Sebekovic, L. Verstraelen, *Ricci and Casorati principal directions of Wintgen ideal submanifolds*, Filomat, 28(4), pp. 657-661, 2014, ISSN 0354-5180 (print), ISSN 2406-0933 (online), DOI 10.2298/FIL1404657D, indexed within Web of Science (SCIE), Scopus, Impact Factor 0,988 (2021), **http://www.pmf.ni..ac.rs/filomat**

Ri9. B.-Y. Chen, **S. Decu**, L. Verstraelen, *Notes on isotropic geometry of production models*, Krag. J. Math., 38(1), pp. 23-33, 2014, ISSN 1450-9628 (print), ISSN 2406-3045 (online), DOI 10.5937/KgJMath1401023C, indexed within Web of Science (ESCI), Scopus, MathSciNet, **14040466693665_2_notes_on_isotropic_geometry_of_production_models.pdf (kg.ac.rs)**

Ri10. **S. Decu**, L. Verstraelen, *A note of the isotropical geometry of production surfaces*, Krag. J. Math., 37(2), pp 217-220, 2013, ISSN 1450-9628 (print), ISSN 2406-3045 (online), indexed within Web of Science (ESCI), Scopus, MathSciNet, **13861997945374_13861656968615_2.pdf (kg.ac.rs)**

Ri11. **S. Decu**, A. Pantic, M. Petrovic-Torgasev and L. Verstraelen, *Ricci and Casorati principal directions of $\delta(2)$-Chen ideal submanifolds*, Krag. J. Math., 37(1), pp 25-31, 2013, ISSN 1450-9628, indexed within Web of Science (ESCI), Scopus, MathSciNet, Principal directions-Chen ideal-latest.dvi (kg.ac.rs)

Ri12. **S. Decu,** M. Petrovic-Torgasev, A. Sebekovic and L. Verstraelen, *On the Roter type of Wintgen ideal submanifolds*, Rev. Roumaine Math. Pures Appl., 57(1), pp 75-90, 2012, ISSN 0035-3965, indexed within Web of Science (ESCI), Mathematical Reviews, Zentralblatt für Mathematik, Simona_Decu.pdf (csm.ro)

Ri13. **S. Decu,** M. Petrovic-Torgasev, A. Sebekovic and L. Verstraelen, *On the intrinsic Deszcz symmetries and the extrinsic Chen character of Wintgen ideal submanifolds*, Tamkang Journal of Mathematics, vol. 41 (2), pp 109-116, 2010, ISSN 0049-2930 (Print), ISSN 2073-9826 (Online), indexed within Web of Science (ESCI), Scopus, MathSciNet, View of On the intrinsic Deszcz symmetries and the extrinsic Chen character of Wintgen ideal submanifolds (tku.edu.tw)

Ri14. **S. Decu**, B. Jahanara, M. Petrovic-Torgasev and L. Verstraelen, *On the Chen character of* $\delta(2)$*– ideal submanifolds*, Krag. J. Math., vol. 32, pp 37-46, 2009, ISSN 1450-9628, indexed within Web of Science (ESCI), Scopus, MathSciNet, 12614757939847_kjom3204.pdf (kg.ac.rs)

Ri15. **S. Decu**, *Optimal inequalities for submanifolds in quaternion-space-forms with semi-symmetric metric connection*, Bull. of Trans. Univ. Braşov, vol. **2** (51), pp 175-184, 2009, ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM), B+ Journal, indexed within Scopus, Mathematical Reviews, Zentralblatt MATH, decu.pdf (unitbv.ro)

Ri16. **S. Decu**, S. Haesen and L.Verstraelen, *Optimal inequalities characterising quasi-umbilical submanifolds*, Journal of Inequalities in Pure and Applied mathematics,, vol. 9 (3), 7 pp, 2008, ISSN 1443-5756, indexed within Mathematical Reviews, Zentralblatt MATH, http://jipam.vu.edu.au

Vi1**. S. Decu**, *Optimal inequalities involving Casorati curvature of slant submanifolds in quaternionic space forms*, Riemannian Geometry and Applications - Proceedings RIGA 2014, May 19-21, 2014, Bucharest, Editors A. Mihai, I. Mihai, Publishing House Univ. of Bucharest, Bucharest, pp 87-96, 2014, ISSN 2393-0519, ISBN 978-606-16-0553-8

Vi2. **S. Decu - Marinescu,** *Chen inequalities for submanifolds in quaternion–space-forms with semi-symmetric non-metric connection*, Riemannian Geometry and Applications – Proceedings RIGA 2011, May 10-14, 2011, Bucharest, Publishing House Univ. of Bucharest, Editors A. Mihai and I. Mihai, pp 115-126, 2011, ISBN 978-606-16-0053-3.

Vi3. I. Surdu, T. Dragotoiu, M. Marin, Gh. Budan, D. Dragotoiu, **S. Decu**, *Nutritional software to formulate and evaluate compound feed recipe for pigs*, The 39th International Session of Scientific Communications of Faculty of Animal Science, Bucharest, Romania, Scientific Papers (seria D, vol LIII)-Animal Science, pp 115-122, 2010, ISSN 1843-6048

Vi4. **S. Decu**, *Extrinsic and intrinsic principal directions of ideal submanifolds*, Bull. of Trans. Univ. Braşov, B+ Journal, The Proceedings of International Conference *Riemannian Geometry and Applications (RIGA)*, Braşov, July 8-11, 2008, vol. **1** (50), pp 93-98, 2008, ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM), Publishing House Transilvania University Press, Braşov

Vi5. **S. Decu**, S. Haesen and L.Verstraelen, *Optimal inequalities involving Casorati curvatures*, Bull. of Trans. Univ. Braşov, B+ Journal, The Proceedings of International Conference *Riemannian Geometry and Applications (RIGA)*, Braşov, June 21-25, 2007, vol. 14(49) supplement, pp 85-94, 2007, ISSN 1223-964X (Print), Editors I. Mihai, Gh. Munteanu, Publishing House Transilvania University Press, Braşov

E1. S. Decu (Marinescu), *Casorati Inequalities for Statistical Submanifolds in Holomorphic Statistical Manifolds of Constant Holomorphic Curvature*, Geometry Seminar, Department of Mathematics and Computer Science, Transilvania University of Brasov, June 22, 2022, online

E2. S. Decu (Marinescu), *Chen Inequalities for Spacelike Submanifolds in Statistical Manifolds of Type Para-Kähler Space Forms*, Conference "Mathematics, Computer Science and Technical Education", Department of Mathematics and Computer Science, Technical University of Civil Engineering, Bucharest, June 11, 2022

E3. S. Decu (Marinescu), *Curvature Invariants for Statistical Submanifolds*, International Conference Riemannian Geometry and Applications (RIGA), conference organized by Technical University of Civil Engineering Bucharest (Faculty of Railways, Roads and Bridges) and University of Bucharest (Faculty of Mathematics and Computer Science), January 15-17, 2021, online Microsoft Teams Meeting

E4. S. Decu (Marinescu), δ *– Casorati curvature invariants in statistical manifolds*, Seminarul Informal de Noutăți Geometrice (SING), Alexandru Ioan Cuza University of Iasi, Faculty of Mathematics, December 7, 2020, online Zoom Meeting

E5. S. Decu (Marinescu), A.-S. Nicula, *Aplicații ale funcțiilor de producție în zona montană,* Academia Română, INCE/CE-MONT, A 10-a conferință științifică cu tema "Economia montană, în context multi și interdisciplinar. Particularități și perspective realiste și vizionare", București, 4 iulie 2019

E6. S. Decu (Marinescu), *Optimal inequalities for the Casorati curvature of statistical submanifolds*, Conference "Mathematics, Computer Science and Technical Education", Department of Mathematics and Computer Science, Technical University of Civil Engineering Bucharest, Romania, May 24-26, 2019

E7. **S. Decu (Marinescu),** *On isotropic geometry of production functions*, XVIII Geometrical Seminar, Vrnjacka Banja, Serbia, May 25-28, 2014.

E8. **S. Decu (Marinescu)**, *Aplicaţii SPSS în cercetări economice şi bioeconomice complexe,* Atelier tematic *Biostatistica, analiză în interpretarea datelor experimentale utilizate în cercetarea ştiinţifică doctorală*, SIAT (partener în proiectul *Burse doctorale de pregătire ecoeconomică şi bioeconomică complexă pentru siguranţa şi securitatea alimentelor şi furajelor din ecosisteme antropice* – POSDRU/ 107/ 1.5/ S/ 77082), Sala de Conferinţe, Bucureşti, 17 mai 2012.

E9. **S. Decu**, *Aplicaţii ale biostatisticii în cercetarea ştiinţifică postdoctorală: Introducere în SPSS (Pachet Statistic pentru Ştiinţele Sociale) – instrument software pentru analiza, prelucrarea şi interpretarea datelor experimentale din cercetarea postdoctorală*, Atelier tematic *Aspecte ştiinţifice privind bioinformatica, biostatistica şi bioconversia în lanţul trofic sol-plante-animale-oameni; soluţii experimentale şi informatice,* SIAT (partener în proiectul Şcoala Postdoctorală pentru Biodiversitate Zootehnică şi Biotehnologii Alimentare pe baza ecoeconomiei şi bioeconomiei necesare ecosanogenezei – POSDRU/89/1.5/S/63258), Sala de Conferinţe, Bucureşti, 29-30 iulie 2011.

E10. **S. Decu**, *Soluţii şi aplicaţii ale conjecturii DDVV*, Seminarul de Teoria Subvarietăţilor *Radu Roşca*, Facultatea de Matematică şi Informatică, Universitatea din Bucureşti, 15 aprilie 2010.

E11. **S. Decu**, *Optimal inequalities concerning Casorati curvature*, Universitatea din Leuven, Facultatea de Matematică, Belgia, 28 martie 2008.

E12. **S. Decu**, *Curbura Casorati a unei subvarietăţi*, Seminarul de Teoria Subvarietăţilor *Radu Roşca* Universitatea din Bucureşti, Facultatea de Matematică şi Informatică, 22 aprilie 2008.

E13. **S. Decu**, *Caracterul Chen al subvarietăţilor ideale*, Seminarul de Teoria Subvarietăţilor *Radu Roşca*, Facultatea de Matematică şi Informatică, Universitatea din Bucureşti, 21 octombrie 2008.

E14. **S. Decu**, I. Marinescu*, Model de analiză a eficienţei investiţiilor în transporturi. Indicatori de evaluare a dezvoltării regionale,* Simpozionul Naţional "Soluţii interdisciplinare convergente în amenajarea teritoriului şi în structurarea sistemului de transport, orientate către dezvoltarea durabilă şi creşterea calităţii vieţii" – TERITRANS, Bucureşti, 23 noiembrie 2007.

E15**. S Decu***, Invarianţi Chen şi inegalităţi Chen,* Seminarul de Teoria Subvarietăţilor *Radu Roşca*, Facultatea de Matematică şi Informatică, Universitatea din Bucureşti, 18 aprilie 2006.

5. Citări ale lucrărilor publicate: referinţa bibliografică a lucrării citate(Ci1, Ci2) şi referinţa / ele bibliografică / e a / ale lucrării care citează (Ci1.1, Ci1.2...., Ci2.1, Ci2.2, etc.)

Ci1 S. Decu, S. Haesen, *Chen Inequalities for Spacelike Submanifolds in Statistical Manifolds of Type Para-Kahler Space Forms*, Mathematics 10 (3), pg. 12, 2022, ISSN 2227-7390, DOI 10.3390/math10030330, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math10030330**

Ci1.1 E. Erkan and M. Gülbahar, *Chen's basic inequalities for hypersurfaces of statistical Riemannian manifolds*, International Journal of Maps in Mathematics, 6(1), 37-53, 2023, ISSN (online) 2636-7467

Ci1.2 C. D. Neacșu, *On some optimal inequalities for statistical submanifolds of statistical space forms*, University Politehnica of Bucharest Scientific Bulletin -Series A-Applied Mathematics and Physics, *85*(1), 107-118, 2023, ISSN (print) 1223-7027 / (online) 2286-3672

Ci1.3 Y. Li, M. Khatri, J. P. Singh and S. K. Chaubey, *Improved Chen's inequalities for submanifolds of generalized Sasakian-space-forms*, Axioms, 11(7), 324, 2022, ISSN 2075-1680.

Ci1.4 I. Mihai, R.-I. Mihai, *General Chen Inequalities for Statistical Submanifolds in Hessian Manifolds of Constant Hessian Curvature*, Mathematics, 10(17):3061, 2022, ISSN 2227-7390

Ci2 B.-Y. Chen, **S. Decu**, G.-E. Vîlcu, *Inequalities for the Casorati curvature of totally real spacelike submanifolds in statistical manifolds of type para-Kähler space forms,* Entropy, 23 (11), pg. 13, 2021, ISSN 1099-4300, DOI 10.3390/e23111399, indexed within Web of Science (SCIE), Scopus, MathSciNet, Impact Factor 2,738 (2021), **https://doi.org/10.3390/e23111399**

Ci2.1 M. Aquib, M. S. Lone, C. Neacșu and G.- E Vîlcu, *On δ-Casorati curvature invariants of Lagrangian submanifolds in quaternionic Kähler manifolds of constant q-sectional curvature*, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 117(3), 107, 2023, ISSN (print) 1578-7303, ISSN (electronic) 1579-1505

Ci2.2 E. Erkan and M. Gülbahar, *Chen's basic inequalities for hypersurfaces of statistical Riemannian manifolds*, International Journal of Maps in Mathematics, 6(1), 37-53, 2023, ISSN (online) 2636-7467

Ci2.3 C. D. Neacșu, *On some optimal inequalities for statistical submanifolds of statistical space forms*, University Politehnica of Bucharest Scientific Bulletin -Series A-Applied Mathematics and Physics, *85*(1), 107-118, 2023, ISSN (print) 1223-7027 / (online) 2286-3672

Ci3 S. Decu, R. Deszcz, S. Haesen, *A classification of Roter type spacetimes*, International Journal of Geometric Methods in Modern Physics, 18 (9), pg. 13, 2021, ISSN 0219-8878, DOI 10.1142/S0219887821501474, indexed within Web of Science (SCIE), Scopus, Impact Factor 1,873 (2021), **https://doi.org/10.1142/S0219887821501474**

Ci3.1 R. Deszcz, M. Głogowska, M. Hotloś, M. Petrović-Torgašev and G. Zafindratafa, *A note on some generalized curvature tensor*, International Electronic Journal of Geometry, *16*(1), 379-397, 2023, Online ISSN 1307-5624

Ci3.2 S. Eyasmin, B. R. Datta and M. Sarkar, *On Sultana-Dyer spacetime: Curvatures and geometric structures*, International Journal of Geometric Methods in Modern Physics, 20(6), 2350101-59, 2023, ISSN 0219-8878

Ci3.3 S. Eyasmin, D. Chakraborty and M. Sarkar, *Curvature properties of Morris-Thorne wormhole metric*, Journal of Geometry and Physics, 174, 104457, 2022, ISSN (online) 1879-1662, ISSN (print): 0393-0440

Ci3.4 R. Deszcz, M. Glogowska, M. HotloŚ and K. Sawicz, *Hypersurfaces in space forms satisfying a particular Roter type equation*, *arXiv preprint arXiv:2211.06700*, 2022

Ci4 S. Decu, S. Haesen, L. Verstraelen, *Inequalities for the Casorati curvature of statistical manifolds in holomorphic statistical manifolds of constant holomorphic curvature*, Mathematics, 8 (2), pg. 13, 2020, ISSN 2227-7390, DOI 10.3390/math8020251, indexed within Web of Science (SCIE), Scopus, RePEc, Impact Factor 2,592 (2021), **https://doi.org/10.3390/math8020251**

Ci4.1 M. Aquib, M. S. Lone, C. Neacşu and G.- E Vîlcu, *On δ-Casorati curvature invariants of Lagrangian submanifolds in quaternionic Kähler manifolds of constant q-sectional curvature*, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 117(3), 107, 2023, ISSN (print) 1578-7303, ISSN (electronic) 1579-1505

Ci4.2 M. S. Lone, O. Bahadir, C. Park and I. Hwang, *Basic inequalities for statistical submanifolds in Golden-like statistical manifolds*, Open Mathematics, 20(1), 153-166, 2022, ISSN 2391-5455

Ci4.3 C. W. Lee, J. W. Lee and G.- E. Vîlcu, *Classification of Casorati ideal Legendrian submanifolds in Sasakian space forms II*. Journal of Geometry and Physics, 171, 104410, 2022, ISSN (online) 1879-1662, ISSN (print) 0393-0440

Ci4.4 M. S. Lone, M. A. Lone and A. Mihai, *A characterization of totally real statistical submanifolds in quaternion Kaehler-like statistical manifolds*. Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 116(1), 55, 2022, ISSN (print) 1578-7303, ISSN (electronic)

Ci4.5 G.-E. Vîlcu, *Curvature Inequalities for Slant Submanifolds in Pointwise Kenmotsu Space Forms*. In: Chen, BY., Shahid, M.H., Al-Solamy, F. (eds) Contact Geometry of Slant Submanifolds. Springer, Singapore, Hardcover, 2022, ISBN 978-981-16-0016-6, eBook ISBN 978-981-16-0017-3

Ci4.6 W. G. Boskoff and B. D. Suceavă, *Are There Any Natural Physical Interpretations for Some Elementary Inequalities*?, Analele ştiinţifice ale Universităţii "Ovidius" Constanţa. Seria Matematică, vol.30, no.3, pp.51-65, 2022, ISSN (electronic) 1844-0835

Ci4.7 M. A. Lone, U. A. Wani, *Chen and Casorati curvature inequalities for the submanifolds of quaternionic Kaehler manifolds endowed with Ricci quarter-symmetric metric connection*, Journal of Prime Research in Mathematics, 18(2), pp. 72–87, 2022, ISSN (online) 1817-3462, ISSN (print) 1818-5495

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Candidat,
Simona Marinescu (Decu)