

Публикации и Цитирания

на Стефан Иванов

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1 Монографии - IF - 1.727

1. Extremals of the Sobolev inequality and the quaternionic contact Yamabe problem, (with D. Vassilev), World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, 2011. xviii+219 pp.
цитирания - 18.
2. "Quaternionic contact Einstein structures and quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), **Memoirs Amer. Math. Soc.** (2014), vol. 231, number 1086;
IF - 1.727 цитирания - 23.

2 Обзорни Статии-Студии - IF - 1.125

1. "The Lichnerowicz and Obata first eigenvalue theorems and the Obata uniqueness result in the Yamabe problem on CR and quaternionic contact manifolds (with Dimiter Vassilev), **Nonlinear Analysis - Theory** 126 (2015), 262-323.
IF - 1.125 цитирания - 7.

3 Публикации - IF - 77.286

- 0_a. On dual holomorphically projectively flat affine connections. **J. Geom.** 59 (1997), no. 1-2, 67-76.
цитирания - 1.
- 0_b. The totally geodesic plane axiom on a differentiable manifold with a linear connection (with G. Ganchev), **C. R. Acad. Bulgare Sci.** 40 (1987), no. 1, 33-35.
цитирания - 1.

1. "Curvature operator with parallel Jordanian basis on circles (with I. Petrova), **Riv. Mat. Univ. Parma** (5) 5 (1996), 23-31.
цитирания - 2.
2. "Semi-symmetric W-metric connections and the W-conformal group"(with G. Ganchev), **God. Sofij, Univ. Fac. Mat. Inform.**, 81 (1994), 181-193.
цитирания - 5.
3. "Characteristic curvatures on complex Riemannian manifolds"(with G. Ganchev), **Riv. Mat. Univ. Parma** (5) 1 (1992) 155–162. "Connections and curvatures on complex Riemannian manifold"(with G.Ganchev), Internal Report I.C.T.P.-Trieste (1991).
цитирания - 25.
4. "Holomorphically projective transformations on complex Riemannian manifold **J. Geom.**, 49 (1994), 106–116.
цитирания - 7.
5. "On dual-projectively flat affine connections **J. Geom.** 53 (1995), no. 1-2, 89–99.
цитирания - 30.
6. "Curvature of anti Kähler manifolds"(with G. Ganchev and V. Michova), **Riv. Mat. Univ. Parma** (5) 2 (1993), 249–256.
цитирания - 4.
7. "Compact Hermitian surfaces of Einstein type with respect to the Hermitian connection"(with G. Ganchev) **Monatshefte Math.** 123 (1997), no. 1, 53–59.
IF-0.326
8. "Riemannian manifolds in which certain curvature operator has constant eigenvalues along each circle"(with I.Petrova), **Ann. Global Anal. Geom.** 15 (1997), 157-171.
IF - 0.327, цитирания - 13.
9. "On the fundamental theorem for non-degenerate complex affine hypersurface immersions, **Monatshefte Mathematics** 123 (1997), 321-336.
IF-0.326, цитирания - 7.
10. "Compact Hermitian surfaces of constant antiholomorphic sectional curvature"(with V.Apostolov and G.Ganchev), **Proc. Amer. Math. Soc.**, 125 (1997), 3705-3714.
IF - 0.273, цитирания - 11.
11. "Einstein-Hermitian surfaces and Hermitian Einstein-Weyl structures in dimension 4"(with P.Gauduchon), **Math. Zeitschrift**, 226 (1997), 317-326.
IF - 0.412, цитирания - 11.
12. "Curvature properties of twistor spaces of quaternionic Kähler manifolds"(with B. Alexandrov and G. Grantcharov), **J. Geom.**, 62 (1998), 1-12.
цитирания - 40.
13. "Riemannian manifold in which the skew-symmetric curvature operator has pointwise constant eigenvalues"(with I.Petrova), **Geom. Dedicata**, 70 (1998), 269-282,
IF - 0.288, цитирания - 52.
14. "An estimate for the first eigenvalue of the Dirac operator on compact Riemannian spin manifold admitting parallel one form (with B. Alexandrov and G. Grantcharov) **J. Geom. Phys.**, 28 (1998), 263-270.
IF - 0.776, цитирания - 20.
15. "Hermitian structures on twistor spaces"(with V. Apostolov and G. Grantcharov), **Ann. Global Anal. Geom.**, 16 (1998), 291-308.
IF - 0.542 цитирания - 6.

16. "Einstein-Weyl structures on certain compact conformal manifolds", **Quarterly J. Math. (Oxford)** (2), 50 (1999), 457-462.
IF - 0.426, цитирования - 9.
17. "Dirac operators on Hermitian spin surfaces"(with B. Alexandrov) **Ann. Global Anal. Geom.**, 18 (2000), 529-539.
IF - 0.509, цитирования - 5.
18. "Orthogonal complex structures on certain Riemannian 6-manifolds"(with V. Apostolov and G. Grantcharov), **Diff. Geom. Appl.**, 11 (1999) 279–296.
IF - 0.258, цитирования - 2. .
19. "Holomorphic and Killing vector fields on compact balanced Hermitian manifolds"(with G.Ganchev), **Int. J. Math.**, 11 (2000), 15-28.
IF - 0.591, цитирования - 4. .
20. "Harmonic and holomorphic 1-forms on compact balanced Hermitian manifold"(with G.Ganchev), **Diff. Geom. Appl.**, 14 (1) (2001), 79-93.
IF - 0.375, цитирования - 5.
21. "Vanishing theorems on Hermitian manifolds"(with B. Alexandrov), **Diff. Geom. Appl.**, 14 (3) (2001), 251-265.
IF - 0.375 цитирования - 47.
22. "The Dolbeault operator on Hermitian spin surfaces"(with. B. Alexandrov and G. Grantcharov), **Ann. Inst. Fourier** 51 1 (2001), 221-235.
IF - 0.517, цитирования - 7.
23. "A no-go theorem for string warped compactification"(with G.Papadopoulos), **Phys. Lett. B** 497 (2001) 309-316.
IF - 4.377 , цитирования - 66.
24. "Harmonic spinors of Dirac operator of connection with torsion in dimension 4"(with P.Dalakov), **Class. Quantum Grav.** 18 (2001), 253-265.
IF - 1.985, цитирования - 9.
25. "Vanishing theorems and String Backgrounds"(with G.Papadopoulos), **Class. Quantum Grav.** 18 (2001), 1089-1110.
IF - 1.985, цитирования - 98.
26. "Weyl structure with positive Ricci tensor"(with B. Alexandrov), **Diff. Geom. Appl.** 18 (2003), 343-350.
IF - 0.389, цитирования - 12.
27. "Geometry of Quaternionic Kähler connections with torsion **J. Geom. Phys.** 41 (2002), 235-257,
IF - 1.178, цитирования - 22.
28. "Parallel spinors and connections with skew-symmetric torsion in string theory"(with Th. Friedrich), **Asian Journ. Math.** 6 (2002), 303 - 336.
цитирования - 213.
29. "Almost contact manifolds, connections with torsion, and parallel spinors"(with Th. Friedrich), **J. reine angew. Math.**, 559 (2003), 217-236.
IF - 0.719, цитирования - 32.
30. "Connection with torsion, parallel spinors and geometry of Spin(7) manifolds **Math. Res. Lett.**, 11 (2004), 171-186.
IF - 0.716, цитирования - 65.

31. "Killing spinor equations in dimension 7 and geometry of integrable G_2 manifolds"(with Th. Friedrich), **J. Geom. Phys.**, 48 (2003), 1-11.
IF - 1.105, цитирания - 78.
32. "Quaternionic Kähler and hyperKähler manifolds with torsion and twistor spaces"(with I. Minchev), **J. reine angew. Math.**, 567 (2004), 215-233.
IF - 0.885, цитирания - 14.
33. "Deformations of generalized calibrations and compact non-Kähler manifolds with vanishing first Chern class"(with J. Gutowski and G. Papadopoulos), **Asian Journ. Math.**, 7 (2003), 39-80.
цитирания - 55.
34. "On the geometry of closed G_2 -structures"(with R. Cleyton), **Commun. Math. Phys.**, 270 (2007), 53-67.
IF - 2.070, цитирания - 39.
35. "Para-Hermitian and Para-Quaternionic manifolds (with S. Zamkovoy), **Diff. Geom. Appl.**, 23 (2005), 205-234.
IF - 0.391, цитирания - 103.
36. " $SU(3)$ -instantons and $G_2, Spin(7)$ heterotic string solitons (with P. Ivanov), **Commun. Math. Phys.**, 259 (2005), 79-102.
IF - 2.007, цитирания - 24.
37. "Hyper-ParaHermitian manifolds with torsion"(with V. Tsanov and S. Zamkovoy), **J. Geom. Phys.**, 56 (2006), 670-690.
IF - 0.956 цитирания - 11.
38. "Locally conformal parallel G_2 and $Spin(7)$ manifolds (with M. Parton and P. Piccinni), **Math. Res. Lett.**, 13 (2006), 167-177.
IF - 0.664, цитирания - 17.
39. " $SU(3)$ -structures on submanifolds of a $SPIN(7)$ -manifold"(with Francisco Marti'n Cabrera), **Diff. Geom. Appl.**, 26 (2008), 113-132.
IF - 0.533, цитирания - 5.
40. "Twistor and Reflector Spaces of Almost Para-Quaternionic Manifolds (with I. Minchev and S. Zamkovoy), Cortes, Vicente (ed.), Handbook of pseudo-Riemannian geometry and supersymmetry. Papers based on the 77th meeting "Encounter between mathematicians and theoretical physicists Strasbourg, France, 2005. Zurich: European Mathematical Society. IRMA Lectures in Mathematics and Theoretical Physics 16, 477-496 (2010).
цитирания - 11.
41. "Nearly hypo structures and compact Nearly Kähler 6-manifolds with conical singularities (with M. Fernandez, V. Munoz and L. Ugarte), **J. London Math. Soc** 78 (2008), 580-604.
IF - 0.809, цитирания - 40.
42. "Conformal equivalence between certain geometries in dimension 6 and 7 (with R. Cleyton), **Math. Res. Lett.** 15 (2008), 631-641.
IF - 0.524, цитирания - 17.
43. "Curvature decomposition of G_2 manifolds"(with Richard Cleyton), **J. Geom. Phys** 58 (2008), 1429-1449.
IF - 0.683, цитирания - 16.
44. "Extremals for the Sobolev inequality on the seven dimensional quaternionic Heisenberg group and the quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), **Journal of the European Mathematical Society**, 12 (2010), pp. 1041-1067.
IF - 1.353, цитирания - 11.

45. "Conformal quaternionic contact curvature and the local sphere theorem"(with Dimiter Vassilev), **Journal de Mathématiques Pures et Appliquées**, 93 (2010), pp. 277-307.
IF - 1.450, **цитирания** - 14.
46. "Conformal Paracontact curvature and the local flatness theorem (with D. Vassilev and S. Zamkovoy), **Geom. Dedicata** 144 (2010), 79-100.
IF - 0.364, **цитирания** - 38.
47. "Non-Kaehler Heterotic String Compactifications with non-zero fluxes and constant dilaton (with Marisa Fernández, Luis Ugarte and Raquel Villacampa), **Comm. Math. Phys.** 288 (2009), 677-697.
IF - 2.067, **цитирания** - 56.
48. "Compact supersymmetric solutions of the heterotic equations of motion in dimensions 7 and 8 (with Marisa Fernández, Luis Ugarte and Raquel Villacampa), **Advances in Theoretical and Mathematical Physics**, 15 (2011), 245-284.
IF - 0.855, **цитирания** - 13.
49. "Quaternionic contact manifolds with a closed fundamental 4-form (with Dimiter Vassilev), **Bull. London Math. Soc.** 42 (2010), 1021-1030.
IF - 0.630, **цитирания** - 8.
50. "Compact supersymmetric solutions of the heterotic equations of motion in dimension 5 (with Marisa Fernández, Luis Ugarte and Raquel Villacampa), **Nuclear Physics B** 820 (2009), 483-502.
IF - 4.341, **цитирания** - 5.
51. "Heterotic supersymmetry, anomaly cancellation and equations of motion **Phys. Lett. B**, 685 (2010), 190-196.
IF - 5.255, **цитирания** - 49.
52. "Quaternionic Kaehler and Spin(7) metrics arising from quaternionic contact Einstein structures (with Luis C. de Andres, Marisa Fernandez, Jose A. Santisteban, Luis Ugarte and Dimiter Vassilev), *and arXiv:0903.1398*, **Annali di matematica Pura ed Applicata**, 193, 1 (2014), 261-290.
IF - 1.065, **цитирания** - 7.
53. "The optimal constant in the L^2 Folland-Stein inequality on the quaternionic Heisenberg group (with Ivan Minchev and Dimiter Vassilev), **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) Vol. XI (2012), 635-652;
IF - 0.683 **цитирания** - 6.
54. "The twistor space of a quaternionic contact manifold (with Johan Davidov and Ivan Minchev), **Quart. J. Math. (Oxford)** 63 (2012), no. 4, 873-890.
IF - 0.557, **цитирания** - 4.
55. "HKT manifolds with holonomy $SL(n, \mathbb{H})$ (with Alexander Petkov), **Intern. Math. Res. Notices** IMRN 2012, no. 16, 3779-3799;
IF - 1.116, **цитирания** - 3.
56. "Bianchi type A hyper-symplectic metrics and hyper-Kaehler metrics in 4d (with Luis C. de Andre's, Marisa Fernández, Jose A. Santisteban, Luis Ugarte and Dimiter Vassilev), **Class. Quantum Grav.**, 29 (2012) 025003.
IF - 3.562, **цитирания** - 2
57. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold (with Alexander Petkov, Dimiter Vassilev), **J. Geom. Analysis**, 24 (2014), no. 2, 595-612.
IF - 0.971, **цитирания** - 7

58. "Vanishing theorems on $(l|k)$ -strong Kaehler manifolds with torsion (with George Papadopoulos), **Adv. Math.**, 237 (2013), 147-164.
IF - 1.353, цитирания - 13
59. "An Obata type result for the first eigenvalue of the sub-Laplacian on a CR manifold with a divergence free torsion (with Dimiter Vassilev), **J. Geom**, 103, 3 (2012), 475-504.
цитирания - 13
60. "An Obata-type theorem on a three-dimensional CR manifold (with Dimiter Vassilev), **Glasgow Math. J.**, 56 (2014), 283-294.
IF - 0.331 цитирания - 4
61. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold in dimension seven"(with Alexander Petkov and Dimiter Vassilev), **Nonlinear Analysis**, 93 (2013), 51-61;
IF - 1.612 цитирания - 2.
62. "Non-Kaehler Heterotic String Solutions with non-zero fluxes and non-constant dilaton (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev), **J. High Energy Physics** 06 (2014) 073;
IF - 6.111 цитирания - 19
63. "The Obata sphere theorems on a quaternionic contact manifold of dimension bigger than seven (with Alexander Petkov and Dimiter Vassilev), to appear in **J. Spectral Theory**, vol.7 N4 (2017), 1119-1170. arXiv:1303.0409.
IF - 1.000 (2016) цитирания - 3.
64. "Quaternionic contact hypersurfaces in hyper-Kähler manifolds (with Ivan Minchev, Dimiter Vassilev), **Annali di matematica Pura ed Applicata**, , Volume 196 (2017) Issue 1, pp 245-267.
IF - 1.065 (2014)
65. "Quaternionic contact Einstein manifolds (with Ivan Minchev and Dimiter Vassilev), **Math. Research Letters** 23 (5) (2016), 1405-1432.
IF - 0.716 цитирания - 7.
66. "Sasaki-like almost contact complex Riemannian manifolds (with H. Manev and M. Manev), **J. Geom. Physics**, 107 (2016) 136-148.
IF - 0.819 цитирания - 5.
67. "The quaternionic Heisenberg group and Heterotic String Solutions with non-constant dilaton in dimensions 7 and 5 (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev), **Comm. Math. Phys**, 339 (2015), no. 1, 199-219.
IF - 2.375 цитирания - 3
68. "Connections on non-symmetric (generalized) Riemannian manifold and gravity (with Milan Zlatanovic), **Class. Quantum Grav.**, Volume 33, Number 7, 075016, (2016).
IF - 3.119 цитирания - 5.
69. "Solution of the qc Yamabe equation on a 3-Sasakian manifold and the quaternionic Heisenberg group (with Ivan Minchev, Dimiter Vassilev), arXiv:1504.03142.
цитирания - 4.
70. "Formality of 7-dimensional 3-Sasakian manifolds (with Marisa Fernandez and Vicente Munoz), to appear in **Ann. Scuola. Norm. Super. Pisa Cl. Sci.**, arXiv:1511.08930.
IF - 0.810 (2016)
цитирания - 2.
71. "A heat equation on a quaternionic contact manifold (with A. Petkov), arXiv:1608.00460.
цитирания - 1.

72. "Non-umbilical quaternionic contact hypersurfaces in hyper-Kähler manifolds"(with Ivan Minchev and Dimiter Vassilev), **Intern. Math. Research Notices (IMRN)** <https://doi.org/10.1093/imrn/rnx279> , arXiv:1609.02838.
IF - 0.924 (2016)
73. "The qc Yamabe problem on non-spherical quaternionic contact manifolds (with Alexander Petkov), **Journal de Mathématiques Pures et Appliquées** (2018) DOI: 10.1016/j.matpur.2018.06.011 arXiv:1612.02406.
IF - 1.802 (2016)
74. "A sub-Riemannian Bonnet-Myers theorem for quaternionic contact structures (with Davide Barilari), to appear in **Calculus of Variations and PDE**.
IF - 1.741 (2017)
цитирания - 1.
75. "On the Strominger system and holomorphic deformations (with Luis Ugarte), **The Journal of Geometric Analysis**, (), 1-19 DOI 10.1007/s12220-018-0023-5
IF - 0.870 (2016)
76. "Conformally flat Einstein-like 4-manifolds and conformally flat Riemannian 4-manifolds all of whose Jacobi operators have parallel eigenspaces along every geodesic (with I. Petrova), arXiv preprint [dg-ga/9702019](https://arxiv.org/abs/1907.02019)
цитирания - 4.
77. "Complex product structures on some simple Lie groups (with V. Tsanov), [math.DG/0405584](https://arxiv.org/abs/1604.05584).
цитирания - 3.
78. "Supersymmetric strings and special $(SU(3), G_2, Spin(7))$ -holonomy geometries XIV Fall Workshop on Geometry and Physics, 108–126, **Publ. R. Soc. Mat. Esp.**, 10, R. Soc. Mat. Esp., Madrid, 2006.

4 Стефан Иванов-Цитирания

Book 1. **Extremals of the Sobolev inequality and the quaternionic contact Yamabe problem, (with D. Vassilev), World Scientific Publishing Co., Lecture Notes, 2011.**

цитирания - 18.

1. Diego Conti, Marisa FernándeZ, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Lie groups*, to appear in Forum Math., arXiv:1110.5994.
2. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
3. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
4. Rupert L. Frank, Maria del Mar González, Dario D. Monticelli, Jinggang Tan, *An extension problem for the CR fractional Laplacian*, Adv. Math. **270** (2015), 97-137.
5. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
6. Michael Christ, Heping Liu, An Zhang, *Sharp Hardy-Littlewood-Sobolev Inequalities on Quaternionic Heisenberg Groups*, Nonlinear Analysis: Theory, Methods & Applications, Volume 130, January 2016, Pages 361-395.
7. Feifan Wu and Wei Wang, *The Bochner-Type Formula and The First Eigenvalue of the sub-Laplacian on a Contact Riemannian Manifold*, Differential Geom. Appl. **37** (2014), 66-88.
8. Feifan Wu and Wei Wang, *On the Yamabe Problem on contact Riemannian Manifolds*, arxiv:1501.06784.
9. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $Sp(n + 1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
10. Bumsik Kim, *Functional inequalities and the curvature dimension inequality on totally geodesic foliations*, (2015). Open Access Dissertations . 487. http://docs.lib.purdue.edu/open_access_dissertations/487
11. Yun Shi & Wei Wang, *The Szego kernel for k-CF functions on the quaternionic Heisenberg group*, Applicable Analysis Vol. 96 , Iss. 14, 2017, 2474-2492.
12. Giuseppe Pipoli, *Inverse mean curvature flow in quaternionic hyperbolic space*, Atti Accad. Naz. Lincei Rend. Lincei Mat. Appl. 29 (2018), no. 1, 153-171. DOI: 10.4171/RLM/798
13. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90 - 100.
14. Giuseppe Pipoli, *A survey on Inverse mean curvature flow in ROSSes*, Complex Manifolds 2017; 4: 245-262, <https://doi.org/10.1515/coma-2017-0016>.
15. S. Bordoni, P. Pucci, *Schrodinger-Hardy systems involving two Laplacian operators in the Heisenberg group*, Bull. Sci. math. (2018), <https://doi.org/10.1016/j.bulsci.2018.03.001>
16. Yun Shi, Wei Wang, *The tangential k-Cauchy-Fueter complexes and Hartogs' phenomenon over the right quaternionic Heisenberg group*, arXiv:1809.03748.
17. Xiaomin Xue, Fushan Li, *The refinement and generalization of Hardy's inequality in Sobolev space*, Journal of Inequalities and Applications 2018(1), DOI: 10.1186/s13660-018-1922-5
18. Patrizia Pucci, *Critical Schrödinger-Hardy systems in the Heisenberg group*, Amer. Inst. Math.Sc., April 2019, 12(2): 375-400. doi: 10.3934/dcdss.2019025

Book 2. **"Quaternionic contact Einstein structures and quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), Memoirs of the Amer. Math. Soc., vol. 231, number 1086, (2014).**

цитирания - 23.

1. Capelletti Montano, *3-structures with torsion*, Differ. Geom. Appl. 27, No. 4, 496-506 (2009).
2. Jesse Alt, *Fefferman Constructions in Conformal Holonomy*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium im Fach Mathematik eingereicht an der Mathematisch-Naturwissenschaftlichen Fakultät II der Humboldt-Universität zu Berlin, 2008, http://www.raumzeitmaterie.de/docs/dissertation_esse_alt_2008.pdf
3. Christopher S. Kunkel, *Quaternionic contact normal coordinates*, arXiv:0807.0465.

4. Jesse Alt, *Weyl connections and the local sphere theorem for quaternionic contact structures*, Ann. Glob. Anal. Geom., 39, No. 2, 165-186 (2011).
5. Jesse Alt, *On quaternionic contact Fefferman spaces*, Differ. Geom. Appl. 28, No. 4, 376-394 (2010).
6. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
7. Yang, QH, *Perturbation of Yamabe equation on Iwasawa N groups in presence of symmetry*, Acta mathematica Sinica-English Series, Volume: 26 Issue: 8 Pages: 1575 Published: AUG 2010.
8. Diego Conti, Marisa Ferna'ndez, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Liegroups*, to appear in Forum Math., arXiv:1110.5994.
9. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
10. F. Baudoin, J. Wang, *The subelliptic heat kernels of the quaternionic Hopf fibration*, Potential Analysis, October 2014, Volume 41, Issue 3, pp 959-982.
11. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
12. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
13. Hiroyuki Kamada and Shin Nayatani, *Quaternionic CR geometry*, Hokkaido Math. J. Volume 42, Number 2 (2013), 159-329.
14. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
15. I. Agricola, A. Ferreira, R. Storm, *Quaternionic Heisenberg groups as naturally reductive homogeneous spaces*, to appear in Int. J. Geom. Methods Modern Phys (IJGMMP) arXiv:1503.08350.
16. Yun Shi, Wei Wang, *On Conformal Q_c Geometry, Spherical Q_c Manifolds and Convex Cocompact Subgroups of $Sp(n+1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
17. Ilka Agricola and Giulia Dileo, *New classes of almost 3-contact metric manifolds and their remarkable connections* Preprint, April 17, 2017.
18. Jing Wang, *Sub riemannian heat kernels on model spaces and curvature dimension inequalities on contact manifolds*, A Dissertation Submitted to the Faculty of Purdue University in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy, May 2014 Purdue University West Lafayette, Indiana.
http://www.math.purdue.edu/fbaudoin/thesis_jing.pdf
19. Yun Shi & Wei Wang, *The Szego kernel for k -CF functions on the quaternionic Heisenberg group*, Applicable Analysis Vol. 96, Iss. 14, 2017, 2474-2492.
20. Luca Rizzi, Pavel Silveira, *Sub-Riemannian Ricci curvatures and universal diameter bounds for 3-Sasakian manifolds*, Journal of the Institute of Mathematics of Jussieu, DOI: <https://doi.org/10.1017/S1474748017000226>.
21. Shi, Yun, *Chain and R -circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90-100.
22. Ilka Agricola, Giulia Dileo, *Generalizations of 3-Sasakian manifolds and skew torsion*, arXiv:1804.06700.
23. Yun Shi, Wei Wang, *The tangential k -Cauchy-Fueter complexes and Hartogs' phenomenon over the right quaternionic Heisenberg group*, arXiv:1809.03748.

Obsor 1. **The Lichnerowicz and Obata first eigenvalue theorems and the Obata uniqueness result in the Yamabe problem on CR and quaternionic contact manifolds, (with Dimiter Vassilev), Nonlinear Analysis - Theory, 126 (2015), 262-323.**

цитирования - 7.

1. Dario Prandi, Luca Rizzi, Marcello Seri, *A sub-Riemannian Santalo formula with applications to isoperimetric inequalities and Dirichlet spectral gap of hypoelliptic operators*, Journal of Differential Geometry, 2017, arXiv:1509.05415.
2. Luca Rizzi, Pavel Silveira, *Sub-Riemannian Ricci curvatures and universal diameter bounds for 3-Sasakian manifolds*, Journal of the Institute of Mathematics of Jussieu, DOI: <https://doi.org/10.1017/S1474748017000226>.

3. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $Sp(n + 1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
 4. Giuseppe Pipoli, *Inverse mean curvature flow in quaternionic hyperbolic space*, Atti Accad. Naz. Lincei Rend. Lincei Mat. Appl. 29 (2018), no. 1, 153-171. DOI: 10.4171/RLM/798.
 5. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90-100.
 6. Giuseppe Pipoli, *A survey on Inverse mean curvature flow in ROSSes*, Complex Manifolds 2017; 4: 245-262, <https://doi.org/10.1515/coma-2017-0016>.
 7. Duong Ngoc Son, *The Schwarzian derivative and Möbius equation on strictly pseudo-convex CR manifolds*, Comm. Anal. Geom. 26 (2018), no. 2, 237-269, DOI 10.4310/CAG.2018.v26.n2.a1
- 0_a. **On dual holomorphically projectively flat affine connections. J. Geom. 59 (1997), no. 1-2, 67-76.**
цитирования - 1.
1. H. Matsuzoe, *Complex Statistical Manifolds and complex affine immersions* Current Developments in Differential Geometry and its related fields, pp.183-199, 2015, Proc. 4th Int. Colloq. Diff. Geom. Related Fields, Veliko Tarnovo 2014.
- 0_b. **The totally geodesic plane axiom on a differentiable manifold with a linear connection (with G. Ganchev) C. R. Acad. Bulgare Sci. 40 (1987), no. 1, 33-35.**
цитирования - 1.
1. Abdelghani Zeghib, *Sur les groupes de transformations rigides: theoreme de l'orbite dense-ouverte*, Rigidite, groupe fondamental et dynamique, 169-188, Panor. Syntheses, 13, Soc. Math. France, Paris, 2002.
1. **Curvature operator with parallel Jordanian basis on circles, (with I. Petrova), Riv. Mat. Univ. Parma (5) 5 (1996), 23-31.**
цитирования - 2.
1. Calvico-Louzao, E. , Garcia-Rio, E. , Vazquez-Abal, M.E. , Vazquez-Lorenzo, R, *Curvature operators and generalizations of symmetric spaces in Lorentzian geometry*, Advances in Geometry Volume 12, Issue 1, 31 January 2012, Pages 83-100.
 2. Esteban Calvico Louzao, **Propiedades Geometricas de operadores de curvatura y generalizaciones de espacios simitricos**, ISBN 978-84-9887-794-1 (Ediciyn digital PDF).
2. **"Semi-symmetric W-metric connections and the W-conformal group"(with G. Ganchev), God. Sofij, Univ. Fac. Mat. Inform., 81 (1994), 181-193.**
цитирования - 5.
1. Peter Gilkey, Stana Nikcevic, Udo Simon, *Geometric realizations, curvature decompositions, and Weyl manifolds*, J.Geom. Phys. 61 (2011), no. 1, 270-275.
 2. Peter Gilkey, Stana Nikcevic, *Kaehler and para-Kaehler curvature Weyl manifolds*, Publ. Math. Debrecen 80 (2012), no. 3-4, 369-384.
 3. P. Gilkey, S. Nikcevic, *Kähler-Weyl manifolds of dimension 4*, Rend. Semin. Mat. Univ. Politec. Torino 70 (2012), no. 3, 297-309.
 4. P. Gilkey, S. Nikcevic, *(para)-Kähler Weyl structures*, Recent trends in Lorentzian geometry, 335-353, Springer Proc. Math. Stat., 26, Springer, New York, 2013.
 5. M. Brozos-Vazquez, E. Garcia-Rio, P. Gilkey, R. Vazquez-Lorenzo, *Homogeneous 4-dimensional Kaehler-Weyl Structures*, Results Math. 64 (2013), no. 3-4, 357-369.
3. **"Characteristic curvatures on complex Riemannian manifolds"(with G. Ganchev), Riv. Mat. Univ. Parma (5) 1 (1992), 155-162. "Connections and curvatures on complex Riemannian manifold"(with G.Ganchev), Internal Report I.C.T.P.-Trieste (1991).**
цитирования - 25.
1. A.Borowiec, M.Ferraris, M.Francaviglia, I.Volovich, *Almost complex and almost product einstein manifolds from a variational principle*, J.Math.Phys. 40 (1999), 3446-3464.

2. A. Borowiec, M. Francaviglia, I. Volovich, *Anti-Kählerian manifolds*, Diff. Geom. Appl. **12** (2000), 281-289.
3. Law, Peter R., *de Rham-Wu decomposition of holomorphic Riemannian manifolds*, J. Math. Phys. **43** (2002), no. 12, 6339-6342.
4. Kyoko Honda, Toshihiko Ikawa and Seiichi Udagawa, *On complex spheres*, Mem. Fac. Sci. Eng. Shimane Univ. Series B: Mathematical Science **36** (2003), pp. 49-55.
5. Karina Sluka, *On the curvature of Kähler-Norden metric*, J. Geom. Phys. **54** (2005), no. 2, 131-145.
6. Olszak, Karina, *On the Bochner conformal curvature of Kähler-Norden manifolds*, Centr. Eur. J. Math. **3** (2005), no. 2, 309-317 (electronic)
7. Giampiero Esposito, *From Spinor Geometry to Complex General Relativity*, Int. J. Geom. Meth. Mod. Phys. **2** (2005), 675-731.
8. Olszak, Zbigniew, *On almost complex structures with Norden metrics on tangent bundles* Period. Math. Hungar. **51** (2005), no. 2, 59-74.
9. Olszak, K.; Olszak, Z., *Generalized Einstein conditions on holomorphic Riemannian manifolds*, Acta Math. Hungar. **113**(2006), no. 4, 345-358.
10. Teofilova, Martha, *Complex connections on complex manifolds with Norden metric*, Contemporary aspects of complex analysis, differential geometry and mathematical physics, 326-335, World Sci. Publ., Hackensack, NJ, 2005.
11. Andrzej Borowiec, *Nonlinear Lagrangians of the Ricci type*, arXiv:gr-qc/9906043, to appear in Reports on Mathematical Physics
12. Borowiec, Andrzej; Francaviglia, Mauro; Volovich, Igor, *Topology change and signature change in non-linear first-order gravity*, Int. J. Geom. Methods Mod. Phys. **4** (2007), no. 4, 647-667.
13. Mileva Prvanovic, *Minimal anti-Kähler holomorphic hypersurfaces*, Bulletin, Classe des Sciences Mathématiques et Naturelles, Sciences mathématiques naturelles / sciences mathématiques Vol. CXXXIV, No. 32, pp. 85-104 (2007)
14. Mancho Manev, Miroslava Ivanova, *A classification of the torsion tensors on almost contact manifolds with B-metric*, Central European Journal of Mathematics, October 2014, Volume 12, Issue 10, pp 1416-1432; arXiv:1105.5715.
15. N. Deĭgirmenci and S. Karapazar, *Spinors on Kähler-Norden manifolds*, Journal of Nonlinear Mathematical Physics, Vol. 17, No. 1 (2010) 27-34.
16. M. Manev, *Canonical-type connections on manifolds with almost complex and almost contact structures and Norden-type metrics*, Manev_IGDG-WS-July.pdf from <http://www.researchgate.net>
17. N. Deĭgirmenci and S. Karapazar, *Schrödinger-II-Lichnerowicz like formula on Kähler-Norden manifolds*, Intern. J. Geom. Methods in Modern Physics **Vol. 9**, No. 1 (2012) 1250010 (14 pages).
18. Mancho Manev, Miroslava Ivanova, *Canonical-type connection on almost contact manifolds with B-metric*, Ann. Glob. Anal. Geom. **43**(2013), 397-408.
19. Mancho Manev, *On canonical-type connections on almost contact complex Riemannian manifolds*, arXiv:1407.6843.
20. C. Ida and A. Ionescu, *On a metric holomorphic connection in complex Lie groups*, BSG Proceedings 21. The International Conference "Differential Geometry - Dynamical Systems" DGDS-2013, October 10-13, 2013, Bucharest-Romania, pp. 74-83.
21. M. Manev, *Manifolds with almost contact 3-structure and metrics of Hermitian-Norden type*, arXiv:1506.04376.
22. Cristian Ida, Alexandru Ionescu, Adelina Manea, *A note on para-holomorphic Riemannian Einstein manifolds*, Int. J. Geom. Methods Mod. Phys. **13**, 1650107 (2016) [21 pages] DOI: <http://dx.doi.org/10.1142/S0219887816501073>.
23. Mancho Manev, *Associated Nijenhuis Tensors on Manifolds with Almost Hypercomplex Structures and Metrics of Hermitian-Norden Type*, Results in Mathematics, June 2017, Volume 71, Issue 3, pp 1327-1343, doi:10.1007/s00025-016-0624-x
24. Cristian Ida, *On complex Riemannian foliations*, Journal of Physics: Conference Series **670** (2016) 012025, doi:10.1088/1742-6596/670/1/012025. <http://iopscience.iop.org/article/10.1088/1742-6596/670/1/012025/pdf>

25. Mancho Manev, *On Geometry of Manifolds with Some Tensor Structures and Metrics of Norden Type*, arXiv:1706.05505.
4. "Holomorphically projective transformations on complex Riemannian manifold *J. Geom.*, 49 (1994), 106–116.
цитирования - 7.
1. Karina Sluka, *On the curvature of Kähler-Norden metric*, *J. Geom. Phys.* **54** (2005), no. 2, 131–145.
 2. Olszak, Karina, *On the Bochner conformal curvature of Kähler-Norden manifolds*, *Cent. Eur. J. Math.* **3** (2005), no. 2, 309–317 (electronic)
 3. Olszak, Zbigniew, *On almost complex structures with Norden metrics on tangent bundles* *Period. Math. Hungar.* **51** (2005), no. 2, 59–74.
 4. Olszak, K.; Olszak, Z., *Generalized Einstein conditions on holomorphic Riemannian manifolds*, *Acta Math. Hungar.* **113**(2006), no. 4, 345–358.
 5. T. Mohaupt, K. Waite, *Instantons, black holes, and harmonic functions* *JHEP* 10 (2009) 058.
 6. Cristian Ida, Alexandru Ionescu, Adelina Manea, *A note on para-holomorphic Riemannian Einstein manifolds*, *Int. J. Geom. Methods Mod. Phys.* 13, 1650107 (2016) [21 pages] DOI: <http://dx.doi.org/10.1142/S0219887816501073>.
 7. Cristian Ida, *On complex Riemannian foliations*, *Journal of Physics: Conference Series* 670 (2016) 012025, doi:10.1088/1742-6596/670/1/012025, <http://iopscience.iop.org/article/10.1088/1742-6596/670/1/012025/pdf>
5. "On dual-projectively flat affine connections *J. Geom.* 53 (1995), no. 1-2, 89–99.
цитирования - 30.
1. Furuhashi, Hitoshi, *Codazzi structures induced by minimal affine immersions*, PDEs, submanifolds and affine differential geometry (Warsaw, 2000), 17–19, Banach Center Publ.,57, Polish Acad. Sci., Warsaw, 2002.
 2. Hiroshi Matsuzoe, *On realization of conformally-projectively flat statistical manifolds and the divergences*, *Hokkaido Mathematical Journal* Vol. 27 (1998) p. 409-421.
 3. Hasegawa, I., Yamauchi, K., *Conformally-projective flat statistical structure on tangent bundles over statistical manifolds* *Differential geometry and its applications*, 239–251, World Sci. Publ., Hackensack, NJ, 2008.
 4. Hasegawa, Izumi; Yamauchi, Kazunari, *Conformal-projective flatness of tangent bundle with complete lift statistical structure*, *Differ. Geom. Dyn. Syst.* **10**(2008), 148–158.
 5. O. Calin, H. Matsuzoe, Jun Zhang, *Generalization of conjugate connections*, May 7, 2009 14:2 WSPC - Proceedings TrimSize: 9in x 6in 00Procs2008.
 6. Hasegawa, I., Yamauchi, K., *λ -conformal flatness of Tangent bundle with complete lift statistical structure* *J. Hokkaido Univ. Educ. (Natural Sciences)*, **58** (2007) N1, 1-14.
 7. M.Peikert, *Examples of Weyl-geometries in Affine Differential Geometry*, In: *Geometry and Topology of Submanifolds Vol. IX.*, 1999, 208-220.
 8. U.Simon, *The influence of Katsumi Nomizu on affine differential geometry*, *Geometry and Topology of Submanifolds VII.Proc. Conf. Diff. Geometry Leuven 1994.* 33-51, World Scientific.1995.
 9. Matsuzoe, Hiroshi, *Geometry of statistical manifolds and its generalization*, *Topics in Contemporary Differential Geometry, Complex Analysis and Mathematical Physics*, Proc. 8th Int. Workshop on Complex structures and vector fields, (2007), 244-251.
 10. Simon, U., *On an affine theory of hypersurfaces: gauge-invariant structures*, (Russian) *Izv. Vyssh. Uchebn. Zaved. Mat.* 2004, , no. 11, 53–81; translation in *Russian Math. (Iz. VUZ)* **48** (2004), no. 11,48–73 (2005)
 11. Ch. Steglich, *Invariants of comformal and projective structures*, *Results in Math.* **27** (1995), 188-193.
 12. K.Uohashi, A.Ohara, T.Fujii, *Foliations and divergences of flat statistical manifolds*, *Hiroshima Math. J.*, **30** (2000),403-414.
 13. K. Uohashi, A. Ohara, T. Fujii, *1-conformally flat statistical submanifolds*, *Osaka J. Math.*37 (2000): (2) 501-507.

14. Matsuzoe, Hiroshi, *Traceless cubic forms on statistical manifolds and Tchebychev geometry*, PDEs, submanifolds and affine differential geometry, 179–187, Banach Center Publ., **69**, Polish Acad. Sci., Warsaw, 2005.
 15. Matsuzoe, Hiroshi, *Geometry of semi-Weyl manifolds and Weyl manifolds*, Kyushu J.Math. **55** (2001), no. 1, 107–117.
 16. Matsuzoe, Hiroshi, *Geometry of contrast functions and conformal geometry*, Hiroshima Math. J. **29** (1999), no.1, 175–191.
 17. Matsuzoe, Hiroshi *Some generalizations from classical statistical manifolds* (in japan), 1623 2009, 12-21, available at
<http://www.kurims.kyoto-u.ac.jp/~kyodo/kokyuroku/contents/pdf/1623-02.pdf>
 18. Hasegawa, I., Nakane, T., Okuyama, Y., Sato, K, Wada, F., Yoshimoto, T., *Remarks on Conformal-projective flatness of tangent bundle with some lift statistical structure*, J. Hokkaido Univ. Educ. (Natural Sciences), **61** (2010) N1, 41-56.
 19. Keiko Uohashi, *Harmonic maps relative to α -connections on statistical manifolds*, Applied Sciences, Vol.14, 2012, pp. 82-88.
 20. Keiko Uohashi, *A Hessian Domain Constructed with a Foliation by 1-Conformally Flat Statistical Manifolds*, International Mathematical Forum, Vol. 7, 2012, no. 48, 2363-2371.
 21. Keiko Uohashi, *α -connections on level surfaces in a Hessian domain*, Prospect of Differential Geometry and Related Fields, World Scientific Publishing, pp. 203–213, Proc. 3rd International Colloquium in Differential Geometry an its related fields, Veliko Tarnovo, September, 3-7, 2012
 22. Keiko Uohashi, *Harmonic Maps Relative to α -Connections on Hessian Domains*, Geometric Science of Information, Lecture Notes in Computer Science Volume 8085, 2013, pp 745-750.
 23. Hiroshi Matsuzoe, Takashi Kurose, *Title in Japan*, in Theory and application of statistical inference in quantum theory (<http://hdl.handle.net/2433/194204>), (2013), 1834: 45-55.
<http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/194885/1/1834-03.pdf>
 24. A.M. Blaga, *Subtangent-like statistical manifolds*, Acta Math. Univ. Comenianae Vol. LXXXIII, 1 (2014), pp. 147-156.
 25. Hiroshi Matsuzoe, Masayuki Henmi, *Hessian Structures and Divergence Functions on Deformed Exponential Families*, Geometric Theory of Information Signals and Communication Technology 2014, pp 57-80.
 26. Uohashi, Keiko, *Harmonic maps relative to α -connections*, Geometric theory of information, 81-96, Signals Commun. Technol., Springer, Cham, 2014.
 27. James Tao, Jun Zhang, *Transformations and Coupling Relations for Affine Connections*, Differential Geom. Appl. **49** (2016), 111-130.
 28. Adara Blaga, Mircea Grasmareanu, *Golden-Statistical Structures*, C. R. Acad. Bulgare Sci. **69** (2016), no. 9, 1113-1120.
 29. Adara Blaga, *Generalized dual connections on para-Kenmotsu manifolds*, Bull. Int. Math. Virtual Inst. **7** (2017), no. 1, Vol. 7 (2017), 165-171.
 30. Adara Blaga, Mircea Crasmareanu, *Statistical structures in almost paracontact geometry*, Bull. Iranian Math. Soc. 2017, published
<http://www.math.uaic.ro/~mcrasm/depozit/1118.pdf>
- 6. "Curvature of anti-Kähler manifolds"(with G. Ganchev and V. Michova), Riv. Mat. Univ. Parma (5) 2 (1993), 249–256.**
цитирания - 4.
1. V. Oproiu, N. Papaghiuc, *Classes of almost anti-hermitian structures on the yangent bundle of a Riemannian manifolds I*, An. Stiint. Univ. Al. I. Cuza Iasi. Mat. (N.S.) **50** (2004), no. 1, 175-190.
 2. Simona-Luiza Druta, *Other Classes of Tangent Bundles with General Natural Almost Anti-Hermitian Structures*, arXiv:1002.3236.
 3. C. Ida and A. Ionescu, *On a metric holomorphic connection in complex Lie groups*, BSG Proceedings 21. The International Conference "Differential Geometry - Dynamical Systems" DGDS-2013, October 10-13, 2013, Bucharest-Romania, pp. 74-83.

4. Druta, Simona L., *Classes of general natural almost anti-Hermitian structures on the cotangent bundles*, Mediterr. J. Math. **8** (2011), no. 2, 161-179.
7. "Compact Hermitian surfaces of Einstein type with respect to the Hermitian connection (with G. Ganchev) *Monatsh. Math.* **123** (1997), no. 1, 53–59. *IF-0.326*
8. "Riemannian manifolds in which certain curvature operator has constant eigenvalues along each circle (with I.Petrova), *Annals of Global Analysis and Geometry*. **15** (1997),157-171. *IF - 0.327*
цитирания - 13.
1. E.Garcia-Rio, D.Kupeli, R.Vazquez-Lorenzo, **Osserman manifolds in semi- Riemannian geometry**, Lecture Notes in Mathematics **1777**, Springer-Verlag (2002).
 2. Gilkey, Peter B. **The geometry of curvature homogeneous pseudo-Riemannian manifolds**. ICP Advanced Texts in Mathematics, 2.Imperial College Press, London, 2007.
 3. Miguel Brozos-Vázquez, Eduardo García-Río, Peter Gilkey, Stana Nikčević, and Ramón Vázquez-Lorenzo, **The Geometry of Walker Manifolds**, Synthesis Lectures on Mathematics and Statistics, 2009, Vol.2, No.1, Pages 1-179.
 4. Esteban Calvico Louzao, **Propiedades Geometricas de operadores de curvatura y generalizaciones de espacios simitricos**, ISBN 978-84-9887-794-1 (Ediciyn digital PDF).
 5. Liu, H.L.; Simon, U.; Verstraelen, L.; Wang, C.P., *The third fundamental form metric for hypersurfaces in nonflat space forms*, J. Geom. **65**, No.1-2, 130-142 (1999).
 6. Boeckx, E., Vanhecke, L., *Unit tangent sphere bundles with constant scalar curvature*, Czechoslovak Math. J. **51** (126) (2001), no. 3, 523–544.
 7. Calvino-Louzao, Esteban; Garcia-Rio, Eduardo;Vazquez-Lorenzo, Ramon *Four-dimensional Osserman-Ivanov-Petrova metrics of neutral signature* Class.Quantum Grav. **24** (2007), no. 9, 2343–2355.
 8. García-Río, E., Badali, A.H., Vázquez-Lorenzo, R., *Lorentzian three-manifolds with special curvature operators*Classical and Quantum Gravity **25** (1) (2008), art. no. 015003
 9. Calvaruso, G., *Constructing metrics with prescribed geometry*, Loubeau, E. (ed.) et al., Harmonic maps and differential geometry. A harmonic map fest in honour of John C. Wood's 60th birthday, Cagliari, Italy, September 7-10, 2009. Providence, RI: American Mathematical Society (AMS) (ISBN 978-0-8218-4987-3/pbk). Contemporary Mathematics **542**, 177-185 (2011).
 10. Calvaruso, G., *Three-dimensional Ivanov-Petrova manifolds*, Journal of Mathematical Physics **50** (6) (2009), art. no. 063509.
 11. Giovanni Calvaruso, Eduardo Garcia-Rio, *Algebraic Properties of Curvature Operators in Lorentzian Manifolds with Large Isometry Groups*, SIGMA **6** (2010), 005, arXiv:1001.1994.
 12. M. Brozos-Vázquez, E. García-Río, and S. Gavino-Fernández, *Some generalizations of locally symmetric spaces*, Herdeiro, Carlos (ed.) et al., XIX international fall workshop on geometry and physics, Porto, Portugal, September 6-19, 2010. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0918-7/pbk). AIP Conference Proceedings **1360**, 121-126 (2011).
 13. Calvico-Louzao, E. , Garcia-Rio, E. , Vazquez-Abal, M.E. , Vazquez-Lorenzo, R, *Curvature operators and generalizations of symmetric spaces in Lorentzian geometry*, Advances in Geometry Volume 12, Issue 1, 31 January 2012, Pages 83-100.
9. "On the fundamental theorem for non-degenerate complex affine hypersurface immersions, *Monatshefte Mathematics* **123** (1997), **321-336**. *IF-0.326*
цитирания - 7.
1. A.Borowiec, M.Francaviglia, I.Volovich, *Anti-Kaehlerian manifolds*, Diff. Geom. Appl. **12** (2000), 281-289.
 2. H.Furuhata, H.Matsuzoe, *Holomorphic centroaffine immersions and the Lelievre correspondence*, Results in Mathematik, **33** (1998), 294-305.
 3. K. Hasegawa, *The fundamental theorems for affine immersions into hyperquadrics and its applications*, Monatsh. Math. **131**: (1) 37-48 2000.
 4. Karina Sluka, *On the curvature of Kähler-Norden metric*, J. Geom. Phys. **54** (2005), no. 2, 131–145.
 5. Giampiero Esposito, *From Spinor Geometry to Complex General Relativity*, Int. J. Geom. Meth. Mod. Phys. **2** (2005)675-731.

6. Adara Blaga, *Generalized dual connections on para-Kenmotsu manifolds*, BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE ISSN (p) 2303-4874, ISSN (o) 2303-4955 www.imvibl.org/JOURNALS/BULLETIN Vol. 7(2017), 165-171.
 7. H. Matsuzoe, *Complex Statistical Manifolds and complex affine immersions* Current Developments in Differential Geometry and its related fields, pp.183-199, 2015, Proc. 4th Int. Colloq. Diff. Geom. Related Fields, Veliko Tarnovo 2014.
- 10. "Compact Hermitian surfaces of constant anti-holomorphic sectional curvature (with V.Apostolov and G.Ganchev), Proc.Amer. Math. Soc., 125 (1997), 3705-3714. IF -0.273**
цитирания - 11.
1. P.B. Gilkey, M. Brozos-Vazquez and S. Nikcevic, **Geometric realizations of curvature**, Imperial College Press (2012).
 2. M. Falcitelli, A. Farinola, O.T. Kasabov, *Almost Kähler manifolds whose antiholomorphic sectional curvature is pointwise constant*, Rendiconti di Matematica, Serie VII Volume 18, Roma (1998), 151-166
 3. W.S. Cheung, B.Wong, *Hermitian metric with constant holomorphic sectional curvature on convex domains*, Int. J. Math. **11**: (6) 849-855 AUG 2000.
 4. T.Sato, *Almost hermitian 4-manifolds with pointwise constant anti-holomorphic sectional curvature*, J. Geom. **77**(2003), no. 1-2, 171-183.
 5. Ph. Xenos, *On a Blair-Ianus question*, preprint <http://www.mathem.pub.ro/proc/bsgp-06/0XENOS.PDF>
 6. T.Sato, *Examples of hermitian manifolds with pointwise constant anti-holomorphic sectional curvature*, J. Geom. **80**(2004), no. 1-2, 196-208.
 7. M. Brozos-Vazquez, P. Gilkey, H. Kang, S. Nikcevic, *Geometric Realizations of Hermitian curvature models*, J. Math.Soc. Japan **62** (2010), no. 3, 851-866.
 8. M. Brozos-Vazquez, P. Gilkey, S. Nikcevic, *Geometric realizations of curvature*, arXiv:0904.1192.
 9. M. B. Banaru , V. F. Kirichenko, *Almost Contact Metric Structures on the Hypersurface of Almost Hermitian Manifolds*, Journal of Mathematical Sciences, June 2015, Volume 207, Issue 4, pp 513-537.
 10. Kasabov, O. **Almost hermitian manifolds with vanishing Bochner tensor** 107pp.,(in bulgarian), Sofia, 2015.
 11. Benjamin Schmidt, Krishnan Shankar, Ralf Spatzier, *Almost Isotropic Kaehler Manifolds*, Preprint 2018.
- 11. "Einstein-Hermitian surfaces and Hermitian Einstein-Weyls tructures in dimension 4 (with P.Gauduchon), Mathematische Zeitschrift, 226 (1997), 317-326. IF - 0.412**
цитирания - 11.
1. D.M.J.Calderbank, H.Pedersen, *Einstein-Weyl geometry*, J DIFFER GEOM 387-423 Suppl. 6 1999, in Volume VI, *Surveys in Differential Geometry: Essays on Einstein Manifolds, suppl. to the Journal of Differential Geometry* eds. C. LeBrun, M. Wang(International Press).
 2. H.Kamada, *Compact Einstein-Weyl four manifolds with compatible almost complex structure*, Kodai Math. J. **22**, No.3, 434-437 (1999).
 3. Kim, J., *Locally conformal Kähler manifolds and conformal scalar curvature*, Communications of the Korean Mathematical Society **25** (2010), pp. 245-249.
 4. Nicola Enrietti, *Static SKT metrics on Lie groups*, Manuscripta Mathematica **140** (2013) (3-4) , pp. 557-571.
 5. Jess Boling, *Homogeneous Solutions of Pluriclosed Flow on Closed Complex Surfaces*, The Journal of Geometric Analysis. July 2016, Volume 26, Issue 3, pp 2130-2154.
 6. Jeffrey Streets, Gang Tian, *Generalized Kaehler Geometry and the Pluriclosed Flow*, Nuclear Physics B **858** (2012) (2) , pp. 366-376.
 7. Anna Fino, Luigi Vezzoni, *Special Hermitian metrics on compact solvmanifolds*, Journal of Geometry and Physics Volume 91, May 2015, Pages 401-53, Conformal and Complex Geometry in Honour of Paul Gauduchon
 8. Jess Eugene Boling, *Two flows in non-Kaehler geometry*, DISSERTATION submitted in partial satisfaction of the requirements for the degree of DOCTOR OF PHILOSOPHY in Mathematics, UC Irvine 2016.
<http://escholarship.org/uc/item/4b48w5vm>

9. Jeffrey Streets, *Classification of solitons for pluriclosed flow on complex surfaces*, arXiv:1802.00170.
10. Mario Garcia-Fernandez, Roberto Rubio, Carlos Shahbazi, Carl Tipler, *Canonical metrics on holomorphic Courant algebroids*, arXiv:1803.01873.
11. Jeffrey Streets, *Pluriclosed flow and the geometrization of complex surfaces*, arXiv:1808.09490.
12. "Curvature properties of twistor spaces of quaternionic Kähler manifolds (with B. Alexandrov and G. Grantcharov), *Journal of Geometry*, 62 (1998), 1-12.

цитирования - 40.

1. Thomas Friedrich, **Dirac operators in Riemannian geometry**, Graduate Studies in Mathematics, vol. 23.
2. Boyer, Charles P.; Galicki, Krzysztof, **Sasakian geometry**. Oxford Mathematical Monographs. Oxford University Press, Oxford, 2008.
3. M. Falcitelli, S. Ianus, A.M. Pastore, **Riemannian submersions and related topics**, World Scientific Publishing Co. Pte. Ltd., 2004.
4. V.Apostolov, T.Draghici, *Almost Kaehler 4-manifolds with J-invariant Ricci tensor and special Weyl tensor*, Quarterly J. Math. (Oxford), **51**, No.3, 275-294 (2000).
5. Vestislav Apostolov, John Armstrong, Tedi Draghici, *Local models and integrability of certain almost Kahler 4-manifolds*, Math. Ann. **323** (2002), 633-666.
6. T.Draghici, *The Goldberg conjecture and other related problems for almost Kähler manifolds*, Proceedings of the National Geometry and Topology Conference - Timisoara, Romania, 1994.
7. T.Draghici, *Almost Kähler 4-manifolds with J-invariant Ricci tensor*, Houston J. Math., **25**, No.1,(1999), 133-145.
8. T.Draghici, *Special metrics on symplectic manifolds*, PhD Thesis, Michigan State University, May 1997.
9. B.Foreman, *Complex contact manifolds and Hyper-kähler geometry*, Kodai Math. Journal, **23** (2000), 12-26.
10. Foreman, Brendan, *Curvature characterizations of twistor spaces over four-dimensional Riemannian manifolds*, Kodai Math. J. **25** (2002), no. 3,167–190.
11. P.-A.Nagy, *On nearly Kähler geometry*, Ann. Glob.Anal. Geom. **22** (2002), 167-178.
12. W. Jelonek, *Quaternionic Ka"hler geometry and almost Kähler A-manifolds*, Ann. Polon. Math. 75 (2000), no. 2,111–124.
13. Jelonek, Wlodzimierz, *On certain four-dimensional almost Kähler manifolds*, Colloq. Math.**108** (2007), no. 1, 7–18.
14. D.Blair, J.Davidov, O.Muskarov, *Hyperbolic twistor space*, Rocky Mountain J. Math. **35** (2005), no. 5,1437–1465.
15. V.Apostolov, T.Draghici, *The curvature and the integrability of almost Kähler manifolds:A survey*, to appear in ‘Symplectic and Contact Topology: Interactions and Perspectives’,(eds. Y.Eliashberg, B. Khesin, F. Lalonde), Fields Institute Communications Series, AMS, 2003, math.DG/0302152.
16. P.-A. Nagy, *Torsion in almost Kähler geometry*, math.DG/0301069.
17. Paul-Andi Nagy, *Algebraic reduction of certain almost Kaehler manifolds*, math.DG/0302281.
18. Klaus-Dieter Kirchberg, *Some integrability conditions for almost Kähler manifolds*, J. Geom. Phys. 49 (2004), no. 1, 101–115.
19. Jean-Baptiste Butruille, *Twistors and 3-symmetric spaces*, Proc. Lond. Math. Soc. (3) **96** (2008), no. 3,738–766.
20. Jean-Baptiste Butruille, *Homogeneous nearly Kähler manifolds*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 399-423.
21. Charles P. Boyer,Krzysztof Galicki, *Sasakian Geometry, Holonomy, and Supersymmetry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 39-84.
22. Kotschick, D.; Terzic', S., *Chern numbers and the geometry of partial flag manifolds*, Comment. Math. Helv. **84** (2009), no. 3, 587–616.

23. Andrei Moroianu, Uwe Semmelmann, *Clifford structures on Riemannian manifolds*, Adv. Math. **228**, No. 2, 940-967 (2011).
 24. Watanabe, Yoshiyuki; Suh, Young Jin, *On 6-dimensional nearly Kähler manifolds*, Canad. Math. Bull. **53** (2010),no. 3, 564-570,
 25. Watanabe, Yoshiyuki, *Six-dimensional nearly Kähler manifolds*, Proc. of the Eleventh Intern. Workshop on Diff. Geometry, 11 (2007), 1-7.
 26. J. Davidov, G. Grantcharov, O. Muskarov, *Curvature properties of the Chern connection of twistor spaces*, Rocky Mt. J. Math. 39, No. 1, 27-48 (2009).
 27. Paul-Andi Nagy, *Torsion and integrability of some classes of almost Kähler manifolds*, Habilitation (DSc) thesis, Hamburg University, 2011
 28. Ryoichi Kobayashi, *Ricci flow unstable cell centered at an einstein metric on the twistor space of positive quaternion Kähler manifolds of dimension ≥ 8* , arXiv:0801.2605.
 29. D. Blair, *Some generalizations of twistor spaces*, Differential Geometry, Valencia 2001: Proceedings of the International Conference held to honour the 60th Birthday of A.M.Naveira, 83-95.
 30. Lars Schäfer, *Foliations of Semi-Riemannian Manifolds*, Results in Mathematics Volume 61, Numbers 1-2 (2012), 97-126, DOI: 10.1007/s00025-010-0078-5
 31. Anna Szczepkowska, Aleksy Tralle, Artur Woike, *On curvature constructions of symplectic forms*, Banach Center Publ. 93 (2011), 261-269. doi:10.4064/bc93-0-21
 32. J.C. Gonzalez Davila, F. Martin Cabrera, *Homogeneous nearly Kähler manifolds*, Annals of Global Analysis and Geometry 2011, DOI: 10.1007/s10455-011-9305-x.
 33. Simon G.Chiossi, Paul-Andi Nagy, *Complex homothetic foliations on Kähler manifolds*, Bull. Lond. Math. Soc. **44**, No. 1, 113-124 (2012).
 34. Gabriel Eduard Vilcu, Rodica Cristina Voicu, *Curvature properties of pseudo-sphere bundles over para quaternionic manifolds*, Int. J. Geom. Methods Mod. Phys. Volume: 9, Issue: 3(2012) 1250024.
 35. Lorenzo Foscolo, Mark Haskins, *New G_2 holonomy cones and exotic nearly Kaehler structures on the 6-sphere and the product of a pair of 3-spheres*, Annal math., (2) **185** (2017), no. 1, 59-130.
 36. Maciej Bochenki, Anna Szczepkowska, Aleksy Tralle and Artur Woike, *On symplectically fat twistor bundles*, Annals of Global Analysis and Geometry, **48** 2015, 181-194.
 37. Gerardo Arizmendi, Charles Hadfield, *Twistor Spaces of Riemannian Manifolds with Even Clifford Structures*, Ann Glob Anal Geom (2017) 51: 11. doi:10.1007/s10455-016-9520-6
 38. Charles Hadfield, *Even Clifford structures and Quantum Resonances*, THESE DE DOCTORAT de Universite de recherche Paris Sciences et Lettres PSL Research University Prepaee a Ecole normale superieure, 19 june 2017.
<https://tel.archives-ouvertes.fr/tel-01555234/document>
 39. Daniel Konstantin Thung, *Invariant Geometric Structures and Chern Numbers of G_2 Flag Manifolds*, A thesis presented for the degree of Master of Science, supervised by Prof. D. Kotschick, D. Phil. (Oxon) Mathematisches Institut Ludwig-Maximilians-Universität München, September 2017.
<http://www.theorie.physik.uni-muenchen.de/TMP/theses/thesis-thung.pdf>
 40. Johann Davidov, Oleg Mushkarov, *Twistorial examples of almost Hermitian manifolds with Hermitian Ricci tensor*, Acta Mathematica Hungarica (2018), DOI: 10.1007/s10474-018-0833-8
- 13. "Riemannian manifold in which the skew-symmetric curvature operator has pointwise constant eigenvalues (with I.Petrova), Geometriae Dedicata, 70 (1998), 269-282, IF -0.288**
цитирования - 52.
1. Berger, Marcel **A panoramic view of Riemannian geometry**, Springer-Verlag, Berlin, 2003.
 2. Marcel Berge, **Riemannian Geometry During the Second Half of the Twentieth Century**, University Lecture Series, vol.17. American Mathematical Society, Providence, RI, 2000.
 3. Peter Gilkey, **Geometric properties of natural operators defined by the Riemannian curvature tensor**, World scientific Press (2001), ISBN-981-02-4752.
 4. E.Garcia-Rio, D.Kupeli, R.Vazquez-Lorenzo, **Osserman manifolds in semi- Riemannian geometry**, Lecture Notes in Mathematics **1777**, Springer-Verlag (2002).

5. Gilkey, Peter B. **The geometry of curvature homogeneous pseudo-Riemannian manifolds**. ICP Advanced Texts in Mathematics, 2.Imperial College Press, London, 2007.
6. Miguel Brozos-Vázquez, Eduardo García-Río, Peter Gilkey, Stana Nikčević, and Ramón Vázquez-Lorenzo, **The Geometry of Walker Manifolds**, Synthesis Lectures on Mathematics and Statistics, 2009, Vol.2, No.1, Pages 1-179
7. Esteban Calvico Louzao, **Propiedades Geometricas de operadores de curvatura y generalizaciones de espacios simitricos**, ISBN 978-84-9887-794-1 (Ediciyn digital PDF).
8. Novica Blazic, Neda Bokan, Peter Gilkey, Zoran Rakic, *Pseudo-Riemannian Ossermann Manifolds* , Balkan Journal of Geometry and Its Applications (BJGA) Vol. 2, No. 2, pp. 1-12 (1997).
9. Gilkey, P., *Relating algebraic properties of the curvature tensor to geometry*, Novi Sad J. Math., **29** (1999), 109-119.
10. J.Chang. G.Yun, *Spectral geometry of harmonic maps into warped product manifolds with a circle*, Houston J. Math. **28**(2002),71-87.
11. Gabjin Yun, *Spectral geometry of harmonic maps into warped product manifolds II*, Int. J. Math. Math. Sci. 27:6 (2001), 327-339.
12. P.B.Gilkey, *Riemannian manifolds whose skew-symmetric curvature operator has constant eigenvalues II*, in **Differential geometry and applications** (ed Kolar, Kowalski,Krupka and Slovak) Publ Massarik University Brno Czech Republic ISBN 80-210-2097-0 (1999), 73-87.
13. P.B.Gilkey, *Bundles over projective spaces and algebraic curvature tensors*, J. Geometry **71** (2001), 54-67.
14. P.B.Gilkey, J.Leahy, H.Sadofsky, *Riemannian manifolds whose skew-symmetric curvature operator has constant eigenvalues*,Indiana J. Math. **48**, 2 (1999), 615-630.
15. P.B.Gilkey, U.Semmelmann, *Spinors, self-duality and IP algebraic curvature tensor of rank 4*, Proc. sympos. in contemporary mathematics in honor of 125 year of Faculty of Mathematics at the Univ. of Belgrade, Neda Bokan Editor, ISBN86-7589-014-1 (2000), 1-12.
16. O.Kowalski, M.Sekizawa, Z.Vlasek, *Can tangent sphere bundles over Riemannian manifolds have strictly positive sectional curvature*, Global differential geometry: the mathematical legacy of Alfred Gray (Bilbao, 2000), 110–118, Contemp. Math.,**288**, Amer. Math. Soc., Providence, RI, 2001.
17. Tan Zhang, *Manifolds with indefinite metrics whose skew-symmetric curvature operator has constant eigenvalues*, A DISSERTATION Presented to the Department of Mathematics and the Graduate School of the University of Oregon in partial fulfillment of the requirements for the degree of Doctor of Philosophy, June 2000.
https://scholarsbank.uoregon.edu/xmlui/bitstream/handle/1794/150/Manifolds_with_indefinite_metrics.pdf?sequence=4
18. P. Gilkey, *Geometric properties of the curvature operator*, Geometry and Topology of Submanifolds X, eds. W.H. Chen et al. (pp. 62-70), 2000 World Scientific Publishing Co.
19. K.J.Pearson, T.Zhang, *The nonexistence of rank 4 IP tensors in signature (1,3)*, Int. J. Math. Math. Sci. **31**(2002), no. 5, 259–269.
20. Peter Gilkey, Raina Ivanova, *Complex IP curvature tensors*, PDEs, submanifolds and affine differential geometry(Warsaw, 2000), 195–202, Banach Center Publ., **57**, Polish Acad. Sci., Warsaw, 2002, math.DG/0205078.
21. Peter Gilkey, Tan Zhang, *Algebraic curvature tensors for indefinite metrics whose skew-symmetric curvature operator has constant Jordan normal form*, Houston J. Math., **28** (2002),311-328, math.DG/0205079.
22. Yulian T. Tsankov, *A characterization of n-dimensional hypersurfaces in R^{n+1} with commuting curvature operators*, Banach Center Publ. 69 (2005), 205-209.
23. Zhang, Tan, *Manifolds with indefinite metrics whose skew-symmetric curvature operator has constant eigenvalues*, Steps in differential geometry (Debrecen, 2000), 401–407, Inst.Math. Inform., Debrecen, 2001.
24. Peter Gilkey, Tan Zhang, *Algebraic curvature tensors whose skew-symmetric curvature operator has constant rank 2*,Period. Math. Hungar. **44** (2002), no. 1, 7–26,math.DG/0205080.
25. Peter Gilkey, Raina Ivanova, *The Geometry of the Skew-Symmetric Curvature Operator in the Complex Setting*, Global differential geometry: the mathematical legacy of Alfred Gray(Bilbao, 2000), 325–333, Contemp. Math., **288**, Amer. Math.Soc., Providence, RI, 2001, math.DG/0205081.

26. Zhang, Tan, *Applications of algebraic topology in bounding the rank of the skew-symmetric curvature operator*, *Topology Appl.* **124** (2002), no. 1, 9–24.
27. Peter Gilkey, Raina Ivanova, Tan Zhang, *Szabo Osserman IP Pseudo-Riemannian manifolds*, *Publ. Math. Debrecen* **62**(2003), no. 3-4, 387–401.
28. Peter Gilkey, Raina Ivanova, Tan Zhang, *The spectral geometry of the Riemann curvature tensor*, *math.DG/0206129*.
29. B.Fiedler, P.Gilkey, *Nilpotent Szabo, Oserman and Ivanov-Petrova pseudo-Riemannian manifolds*, *Recent advances in Riemannian and Lorentzian geometries (Baltimore, MD, 2003)*,53–63, *Contemp. Math.*, **337**, Amer. Math. Soc., Providence,RI, 2003.
30. Peter Gilkey, Raina Ivanova, Iva Stavrov, *Jordan Szabo algebraic covariant derivative curvature tensors*, *Recent advances in Riemannian and Lorentzian geometries (Baltimore, MD, 2003)*,65–75, *Contemp. Math.*, **337**, Amer. Math. Soc., Providence,RI, 2003.
31. Y. Nikolayevsky, *Riemannian manifolds of dimension 7 whose skew-symmetric curvature operator has constant eigenvalues*, *Bull. Austral. Math. Soc.* **70** (2004), no. 2, 301–319.
32. Iva Stavrov, *Vector bundles over Grassmannians and the skew-symmetric curvature operator*, *Diff. Geom. Appl.*, **23**(2005), no. 2, 128–148, *math.DG/0407284*.
33. C. Dunn, P. Gilkey, S. Nikcevic, *Curvature homogeneous signature (2,2) manifolds*, *Differential geometry and its applications*, 29–44, *Matfyzpress, Prague*, 2005, *math.DG/0408316*.
34. Peter Gilkey, Stana Nikcevic, *Generalized plane wave manifolds*, *Generalized plane wave manifolds. Kragujevac J. Math.*28 (2005), 113–138, *math.DG/0505253*.
35. Stanilov, G., Tsankov, Y., *A characterization of classical Riemannian manifolds by curvature operators*,*Journal of Geometry* **87** (1-2) (2007), pp. 150-159
36. M. Brozos-Vazquez, P. Gilkey, *The global geometry of Riemannian manifolds with commuting curvature operators*, *J. Fixed Point Theory Appl.* **1** (2007), no. 1, 87–96.*math.DG/0609500*.
37. Calvino-Louzao, Esteban; Garcia-Rio, Eduardo;Vazquez-Lorenzo, Ramon *Four-dimensional Osserman-Ivanov-Petrova metrics of neutral signature* *Class.Quantum Grav.* 24 (2007), no. 9, 2343–2355.
38. Kowalski, Oldrich; Vlasek, Zdenek, *On 3D-Riemannian manifolds with prescribed Ricci eigenvalues*, *Complex, contact and symmetric manifolds*, 187–208, *Progr. Math.*, 234, Birkha"user Boston, Boston, MA, 2005.
39. Calvaruso, G., *Constructing metrics with prescribed geometry*, Loubeau, E. (ed.) et al., *Harmonic maps and differential geometry. A harmonic map fest in honour of John C. Wood's 60th birthday*, Cagliari, Italy, September 7–10, 2009. Providence, RI: American Mathematical Society (AMS) (ISBN 978-0-8218-4987-3/pbk). *Contemporary Mathematics* 542, 177-185 (2011).
40. Kowalski, Oldrich; Sekizawa, Masami, *On Riemannian geometry of tangent sphere bundles with arbitrary constant radius*, *Arch. Math. (Brno)* 44 (2008), no. 5, 391–401.
41. Garcí'a-Ri'ó, E., Badali, A.H., Va'zquez-Lorenzo, R., *Lorentzian three-manifolds with special curvature operators**Classical and Quantum Gravity* **25** (1) (2008), art. no. 015003
42. Calvaruso, G., *Three-dimensional Ivanov-Petrova manifolds*, *Journal of Mathematical Physics* **50** (6) (2009), art. no. 063509.
43. E. Calvino-Louzao, E. Garcia-Rio, P. Gilkey, R.Vazquez-Lorenzo, *The geometry of modified Riemannian extensions*, *Proceedings of the Royal Society A: Mathematical,Physical and Engineering Sciences* **465** (2107) (2009), pp.2023-2040.
44. M. Brozos-Vazquez, P. Gilkey, S. Nikcevic, *Geometric realizations of curvature*, *arXiv:0904.1192*.
45. Yulian Tsankov, Maria Stoeva, *Four-dimensional point-wise hypersurfaces of constant type*, *Math. and Education in Math, Proc. Thirtieth First Spring Conference of Union Bulgarian Mathematicians, Borovets, April 3-6, 2002*, 118-122.
46. M. Ivanova, *Characterization of Riemannian manifolds with Jacobi and Stanilov operators*, Thesis of Dissertation, Shumen University "Konstantin Preslavski 2014.
47. Giovanni Calvaruso, Eduardo Garcia-Rio, *Algebraic Properties of Curvature Operators in Lorentzian Manifolds with Large Isometry Groups*, *SIGMA* 6 (2010), 005.
48. Calvico-Louzao, E.; Garcia-Rio, E.; V6zquez-Lorenzo, R., *Riemann extensions of torsion-free connections with degenerate Ricci tensor*, *Canad. J. Math.* **62** (2010), no.5, 1037-1057

49. Miguel Brozos-Vazquez, Peter Gilkey, *Complex Osserman Kaehler Manifolds*, Forum Mathematicum <http://dx.doi.org/10.1515/FORM.2011.119>.
50. E. Calvino-Louzao, E. Garcia-Rio, P. Gilkey, R.Vazquez-Lorenzo, *Higher-dimensional Osserman metrics with non-nilpotent Jacobi operators*, *Geom. Dedicata* **156**, 151-163 (2012).
51. Peter Gilkey, Bronson Lim, *Projective affine Ossermann curvature models*, *Journal of Fixed Point Theory and Applications* December 2014, Volume 16, Issue 1, pp 243-258.
52. Nejmi Cengiz, Cigdem Inci Kuzu, *Curvature tensor in tangette bundles of semi-riemannian manifold*, *New Trends in Mathematical Sciences* 3(6) (2018), 168-173. DOI: 10.20852/ntmsci.2018.305
14. "An estimate for the first eigenvalue of the Dirac operator on compact Riemannian spin manifold admitting parallel one form (with B. Alexandrov and G. Grantcharov), *Journal of Geometry and Physics*, 28 (1998), 263-270. IF - 0.776
цитирования - 20.
1. Thomas Friedrich, **Dirac operators in Riemannian geometry**, Graduate Studies in Mathematics, vol. 23.
 2. Bertrand Morel, *The energy-momentum tensor as a second fundamental form*, arXiv:math/0302205.
 3. Bertrand Morel, *Tenseur d'impulsion-energie et geometrie spinorielle extrins'equie*, Th'ese presentee pour obtention du titre de Docteur de Universite Henri Poincare, Nancy-I en Mathematiques, 2002. available at:<http://tel.archives-ouvertes.fr/docs/00/04/60/26/PDF/tel-00004381.pdf>
 4. Ginoux, N., **The Dirac Spectrum**, Book Series: Lecture Notes in Mathematics 1976, (2009) pp. 1-174
 5. Andrei Moroianu, Liviu Ornea, *Eigenvalue estimates for the Dirac operator and harmonic 1-forms of constant length*, *C. R.Math. Acad. Sci. Paris* **338** (2004), no. 7, 561–564.
 6. Bär, Christian; Dahl, Mattias, *The first Diraceigenvalues on manifolds with positive scalar curvature*, *Proc.Amer. Math. Soc.* **132** (2004), no. 11, 3337–3344.
 7. Eui Chul Kim, *Lower bounds of the Dirac eigenvalues on compact Riemannian spin manifolds with locally product structure*, math.DG/0402427.
 8. Turtoi, A., *About the Dirac operator*, *Balkan Journal of Geometry and its Applications* **11** (1) (2006), pp. 121-130
 9. Ilka Agricola, Thomas Friedrich, Mario Kassuba, *Eigenvalue estimates for Dirac operators with parallel characteristic torsion*, *Differential Geom. Appl.* 26 (2008),no. 6, 613–624, math.DG/0612304.
 10. Nicolas Ginoux, Georges Habib, *Geometric aspects of transversal Killing spinors on Riemannian flows*, *Abh. Math. Semin. Univ. Hambg.* 78 (2008), no. 1, 69–90.
 11. Nicolas Ginoux, Georges Habib, *A spectral estimate for the Dirac operator on Riemannian flows*, *Central European Journal of Mathematics* **8** (2010) 950-965;
 12. WANG Yong, *Eigenvalue Estimate for Twisted Dirac Operators and Harmonic 1-form of Constant Length*, *Adv. Math. (China)* 40 (2011), no. 2, 200-204.
 13. K.-D. Kirchberg, *Lower bounds for the first eigenvalue of the Dirac operator on compact Riemannian manifolds*, *Differential Geometry and its Applications*, Volume 29, Issue 3, June 2011, Pages 374-387.
 14. Ilka Agricola, Julia Becker-Bender, Hwajeong Kim, *Twistorial eigenvalue estimates for generalized Dirac operators with torsion*, *Advances in Mathematics* **243**, (2013), pp. 296-329.
 15. Ionescu, Adrian Mihai; Slesar, Vladimir; Visinescu, Mihai; Vilcu, Gabriel Eduard, *Transversal Killing and twistor spinors associated to the basic Dirac operators*, *Rev. Math. Phys.* **25** (2013), no. 8, 1330011, 21 pp.
 16. V. Slesar, *On the Dirac spectrum of Riemannian foliations admitting a basic parallel 1-form*, *J. Geom. Phys.* 62 (2012), 804-813.
 17. Yongfa Chen, *Twistor spinors and quasi-twistor spinors*, *Chinese Annals of Mathematics, Series B* May 2016, Volume 37, Issue 3, pp 451-464.
 18. Fida El Chami, Nicolas Ginoux, Georges Habib, Roger Nakad, *Rigidity results for spin manifolds with foliated boundary*, *Journal of Geometry*, pp 1-23 First online: 25 July 2015, DOI 10.1007/s00022-015-0286-y.
 19. Yongfa Chen, *The Dirac operator on manifold admitting parallel one-form*, *Journal of Geometry and Physics* 117 (2017), 214-221, DOI:10.1016/j.geomphys.2017.04.001.

20. Yongfa Chen, *The Dirac operator on locally reducible Riemannian manifolds*, arXiv:1704.07914.
15. **"Hermitian structures on twistor spaces (with V. Apostolov and G. Grantcharov), *Annals of Global Analysis and Geometry*, 16 (1998), 291-308. IF - 0.542**
 цитирования - 6.
1. E. Abbena, S. Garbiero, S. Salamon, *Almost Hermitian Geometry on Six Dimensional Nil manifolds*, Ann. Sc. Norm. Sup. **30** (2001), 147-170.
 2. W. Jelonek, *Positive twistor bundle of a Kähler surface*, Ann. Glob. Anal. Geom. **22** (2002), 119-133.
 3. Vezzoni, L., *Abelian complex structures on 2-step nilmanifolds and flat connections*, AIP Conference Proceedings Volume 1360, 2011, Pages 113-118 19th International Fall Workshop on Geometry and Physics; Porto; Portugal; 6 September 2010 through 9 September 2010.
 4. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
 5. Ilka Agricola, Simon G. Chioffi, Thomas Friedrich, Jos Höll, *Spinorial description of SU(3)- and G₂-manifolds*, Journal of Geometry and Physics, **98** (2015), 535-555.
 6. Anna Fino, Alberto Raffero, *Coupled SU(3)-structures and Supersymmetry*, Symmetry 2015, 7(2), 625-650; doi:10.3390/sym7020625
16. **"Einstein-Weyl structures on certain compact conformal manifolds *Quarterly Journal of Mathematics Oxford* (2), 50 (1999), 457-462. 0.426.**
 цитирования - 9.
1. D.M.J. Calderbank, H. Pedersen, *Einstein-Weyl geometry*, J DIFFER GEOM 387-423 Suppl. 6 1999, in Volume VI, *Surveys in Differential Geometry: Essays on Einstein Manifolds, suppl. to the Journal of Differential Geometry* eds. C. LeBrun, M. Wang (International Press).
 2. Narita, Fumio, *Weyl space forms and their sub manifolds*, Colloq. Math. **89** (2001), no. 1, 117-131.
 3. Rod Gover, Paul-Andi Nagy, *Four dimensional conformal C-spaces*, Q. J. Math. **58** (2007), no. 4, 443-462.
 4. Cyriaque Atindogbe, Lionel Berard-Bergery, *A note on conformal connections on light like hypersurfaces*, Conformal Geometry and Dynamics 11 (10/01/2007) 1-11, arXiv:0704.3382.
 5. Cyriaque Atindogbe, Lionel Berard Bergery, *Einstein-Weyl structures on light like hypersurfaces*, arXiv:0704.3383.
 6. Fortune Massamba, *Symmetries of Null Geometry in Indefinite Kenmotsu Manifolds*, Mediterr. J. Math. 6 (2010) 139II-150 DOI 10.1007/s00009-012-0205-5 κ 2012 Springer Basel AG.
 7. Cyriaque Atindogbe, Lionel Berard Bergery, Ogouyandjou, Carlos, *Einstein-Weyl structures on light like hypersurfaces*, Cent. Eur. J. Math. 11, No. 10, 1850-1862 (2013).
 8. Fortune Massamba, *A Conformal Connection on Null Hypersurfaces of Indefinite Kenmotsu Manifolds*, Bull. Malaysian Math. Sciences Society, pp 1-17, First online: 02 July 2015.
 9. Fortune Massamba, *Almost Weyl structures on null geometry in indefinite Kenmotsu manifolds*, Mathematica Slovaca 2016, DOI: <https://doi.org/10.1515/ms-2016-0235>
17. **"Dirac operators on Hermitian spin surfaces" (with B. Alexandrov), *Annals of Global Analysis and Geometry*, 18 (2000), 529-539. 0.509.**
 цитирования - 5.
1. Thomas Friedrich, **Dirac operators in Riemannian geometry**, Graduate Studies in Mathematics, vol. 23.
 2. Ilka Agricola, *The Sini lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl., 5-84.
 3. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.

4. Ilka Agricola, Thomas Friedrich, Mario Kassuba, *Eigenvalue estimates for Dirac operators with parallel characteristic torsion*, Differential Geom. Appl. 26 (2008),no. 6, 613–624.
 5. Ilka Agricola, Julia Becker-Bender, Hwajeong Kim, *Twistorial eigenvalue estimates for generalized Dirac operators with torsion*, Advances in Mathematics **243**, (2013), pp. 296-329.
- 18. "Orthogonal complex structures on certain Riemannian 6-manifolds (with V. Apostolov and G. Grantcharov), Diff.Geom. Appl., 11 (1999) 279–296. IF - 0.258.**
цитирования - 2.
1. Simon Chiossi, Simon Salamon, *The intrinsic torsion of $SU(3)$ and G_2 structures*, Differential geometry, Valencia, 2001,115–133, World Sci., Publishing, River Edge, NJ, 2002,math.DG/0202282.
 2. Salamon, Simon, *Complex structures and conformal geometry* Boll. Unione Mat. Ital. (9) 2 (2009),no. 1, 199–224.
- 19. "Holomorphic and Killing vector fields on compact balanced Hermitian manifolds (with G.Ganchev), Int. J. Math., 11 (2000), 15-28. IF - 0.591.**
цитирования - 5.
1. Medori, Costantino; Tomassini, Adriano, *Holomorphic isometries of twistor spaces*, J. Geom. Phys. 42 (2002), no. 1-2, 19–27.
 2. Xiaokui Yang. 2012. *Positivity and Vanishing Theorems in Complex and Algebraic Geometry*, Ph.D. Dissertation. University of California at Los Angeles, Los Angeles, CA, USA. Advisor(s) Kefeng Liu. AAI3511350.
 3. Kefeng Liu, Xiaokui Yang, *Geometry of Hermitian manifolds*, Int. J. Math. **23**, No. 6 (2012) 1250055 (40 pages).
 4. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, Trans. Amer. Math. Soc. DOI: <https://doi.org/10.1090/tran/7000> Published electronically: March 17, 2017
- 20. "Harmonic and holomorphic 1-forms on compact balanced Hermitian manifold"(with G.Ganchev), Diff. Geom. Appl.,14 (1) (2001), 79-93. IF - 0.375**
цитирования - 5.
1. I. Dotti, A.Fino, *Hyperkähler torsion structure invariant by Nilpotent Lie groups*, Class. Quantum Grav. **19**(2002), 551-562.
 2. Stepanov, S. E., *Vanishing theorems in affine, Riemann, and Lorentz geometries*(Russian) Fundam. Prikl. Mat. 11 (2005),no. 1, 35–84; translation in J. Math. Sci. (N. Y.) 141 (2007), no. 1,929–964.
 3. Xiaokui Yang. 2012. *Positivity and Vanishing Theorems in Complex and Algebraic Geometry*, Ph.D. Dissertation. University of California at Los Angeles, Los Angeles, CA, USA. Advisor(s) Kefeng Liu. AAI3511350.
 4. Kefeng Liu, Xiaokui Yang, *Geometry of Hermitian manifolds*, Int. J. Math. **23**, No. 6 (2012) 1250055 (40 pages).
 5. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, Trans. Amer. Math. Soc. DOI: <https://doi.org/10.1090/tran/7000> Published electronically: March 17, 2017
- 21. "Vanishing theorems on Hermitian manifolds (with B.Alexandrov), Diff. Geom. Appl., 14 (3) (2001),251-265. IF - 0.375**
цитирования - 47.
1. G.Papadopoulos, *Brane Solitons and Hypercomplex structures*, Contribution to the Proceedings of the second meeting on "Quaternionic Structures in Mathematics and Physics math.DG/0003024
 2. George Papadopoulos, *KT and HKT Geometries in Strings and in Black Hole Moduli Spaces*, hep-th/0201111, Contribution to the Proceedings of the Bonn workshop on "Special Geometric Structures in String Theory
 3. Anna Fino, Maurizio Parton, Simon Salamon, *Families of strong KT structures in six dimensions*, Comment. Math. Helv. **79** (2004), no. 2, 317–340.
 4. D.Grantcharov, G.Grantcharov, Y.S.Poon, *Calabi-Yau Connections with Torsion on Toric Bundles*, J. Differential Geom. **78** (2008), no. 1, 13-32.

5. G.L. Cardoso, G. Gurio, G. Dall'Agata, D. Lüüst, *BPS Action and Superpotential for Heterotic Strings Compactifications with Fluxes*, JHEP 0310 (2003) 004, hep-th/0306088.
6. Simon Chioffi, Andrew Swann, *G_2 -structures with torsion from half-flat-integrable nil manifolds*, J. Geom. Phys.54 (2005), no. 3, 262–285.
7. A Fino, A Tomassini, *Solvmanifolds and Generalized Kähler Structures*, Note di Matematica Note Mat.8 1 (2008), suppl. n. 1, 169-190.
8. Luis Ugarte, *Hermitian structures on six dimensional nilmanifolds*, Transform. Groups **12** (2007), no. 1,175–202.
9. Anna Fino, Adriano Tomassini, *On astheno-Kähler metrics*, J. Lond. Math. Soc. (2) **83** (2011), no. 2,290I308.
10. Anna Fino, Adriano Tomassini, *Blow-ups and resolutions of strong Kähler with torsion metrics*, Adv. Math. **221** (2009),no. 3, 914–935.
11. Fino A, Tomassini A., *Astheno-Kähler and strong KT metrics*, Etayo, Fernando (ed.) et al., Geometry and physics. XVII international fall workshop on geometry and physics, Castro Urdiales, Spain, 3I16 September 2008. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0666-7/pbk). AIP Conference Proceedings 1130, 152-158 (2009).
12. Fino A, Tomassini A., *A survey on strong KT structures*, Bulletin Mathematique de la Societe des Sciences mathematiques de Roumanie, Volume: 52 Issue: 2 Pages: 99-116 Published: 2009.
13. Misha Verbitsky, *Balanced HKT metrics and strong HKT metrics on hypercomplex manifolds*, Math. Res. Lett. 16 (2009),no. 4, 735–752, arXiv:0808.3218
14. Ana Ferreira, *Riemannian geometry with skew torsion*, St Cross College University of Oxford, A thesis submitted for the degree of Doctor of Philosophy Hilary Term 2010.
15. Nicola Enrietti, Anna Fino, Luigi Vezzoni, *Tamed Symplectic forms and SKT metrics*, to appear in J.Sympl. Geom., arXiv:1002.3099.
16. Nicola Enrietti, *Static SKT metrics on Lie groups*, Manuscripta Mathematica vol. 140 (3-4) , pp. 557-571.
17. Kefeng Liu, Xiaokui Yang, *Geometry of Hermitian manifolds*, Int. J. Math. **23**, No. 6 (2012) 1250055 (40 pages).
18. Anna Fino, Luis Ugarte, *On generalized Gauduchon metrics*, to appear in Proc. Edinburgh Math. Soc, arXiv:1103.1033.
19. Xiaokui Yang. 2012. *Positivity and Vanishing Theorems in Complex and Algebraic Geometry*, Ph.D. Dissertation. University of California at Los Angeles, Los Angeles, CA, USA. Advisor(s) Kefeng Liu. AAI3511350.
20. Daniele Angella, **Cohomological Aspects in Complex Non-Kähler Geometry**, Lecture Notes in Mathematics Volume 2095, 2014, pp 262.
21. Thomas Bruun Madsen, *Torsion geometry and scalar functions*, PH.D Thesys, Department of Mathematics and Computer Science University of Southern Denmark, August 2011. [15]
<http://www.mth.kcl.ac.uk/~tbmadsen/PhD.pdf>
22. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
23. D. Angella, M.G. Franzini, F.A. Rossi, *Degree of non-Kählerianity for 6-dimensional nilmanifolds*, arXiv:1210.0406.
24. Lucio Bedulli, Luigi Vezzoni, *A parabolic flow of balanced metrics*, Journal für die reine und angewandte Mathematik, DOI: <https://doi.org/10.1515/crelle-2014-0067>
25. Valentino Tosatti, *Non-Kähler Calabi-Yau manifolds*, to appear in Contemp. Math; arXiv:1401.4797.
26. Jeff Streets, Gang Tian, *Regularity results for pluriclosed flow*, Geometry & Topology 17 (2013) 2389I2429.
27. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, Trans. Amer. Math. Soc. DOI: <https://doi.org/10.1090/tran/7000> Published electronically: March 17, 2017
28. Xenia de la Ossa, Eirik E. Svanes, *Holomorphic Bundles and the Moduli Space of $N=1$ Heterotic Compactifications*, arXiv:1402.1725 [hep-th].
29. Shengda Hu, *On generalized Kähler geometry on compact Lie groups*, arXiv:1501.00754.

30. Nikolay Yaremenco, *Derivation of Field Equations in Space with the Geometric Structure Generated by Metric and Torsion*, Journal of Gravity, Volume 2014 (2014), Article ID 420123, 13 pages <http://dx.doi.org/10.1155/2014/420123>.
31. Anna Fino, Luigi Vezzoni, *Special Hermitian metrics on compact solvmanifolds*, Journal of Geometry and Physics Volume 91, May 2015, Pages 40153, Conformal and Complex Geometry in Honour of Paul Gauduchon
32. Daniele Angella, Luis Ugarte, *Locally conformal Hermitian metrics on complex non-Kähler manifolds*, Mediterranean Journal of Mathematics (2015), pp 1-41.
33. Anna Fino, Luigi Vezzoni, *On the existence of balanced and SKT metrics on nilmanifolds*, Proc. American Math. Soc. (PAMS) **144** (2016), 2455-2459.
34. Nikolay Yaremenco, *Geometric Structure together Generated by Metric and Torsion*, Proc. Intern. Geom. Center 2013 6(4) 22-33.
35. Nikolay Yaremenco, *The space generated by metric and torsion tensors, derivation of Einstein-Hilbert equation*, Proc. Intern. Geom. Center 2014 2(7) 51-77, DOI 10.15673/2072-9812.2/2014.29622.
36. Jeffrey Streets, *Geometric flows in complex geometry*, Notes for lectures delivered at the Hefei Advanced School on PDEs in Geometry and Physics June30th-July 11th 2014. available at <http://indico.ictp.it/event/a13245/material/0/2.pdf>
37. Eirik Eik Svanes, *Moduli in General SU(3)-Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.
38. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 112, pp 5391595, <https://doi.org/10.1007/s00208-016-1463-5>
39. Qingsong Wang, Bo Yang, Fangyang Zheng, *On Bismut Flat Manifolds*, arXiv:1603.07058.
40. Adela Latorre, *Geometry of nilmanifolds with invariant complex structures*, Ph. D Thesis, Universidad Zaragoza, 2016.
41. Adela Latorre, Luis Ugarte, *On non-Kähler compact complex manifolds with balanced and astheno-Kähler metrics*, Comptes Rendus Mathématique Volume 355, Issue 1, January 2017, Pages 90-93.
42. Ionut Chiose, Rares Rasdeaconu, Ioana Suvaina, *Balanced Manifolds and SKT Metrics*, arXiv:1608.08721.
43. Vestislav Apostolov, Jeffrey Streets, *The nondegenerate generalized Kähler Calabi-Yau problem*, arXiv:1703.08650.
44. Otal A., Ugarte L., Villacampa R. (2017) *Hermitian Metrics on Compact Complex Manifolds and Their Deformation Limits* In: Chiossi S., Fino A., Musso E., Podesta F., Vezzoni L. (eds) Special Metrics and Group Actions in Geometry. Springer INdAM Series, vol 23. Springer, Cham, pp. 269-290.
45. Anna Fino, Gueo Grantcharov, Luigi Vezzoni, *Astheno-Kähler and balanced structures on fibrations*, to appear in Int. Math. Res. Notices (IMRN); arXiv:1608.06743.
46. Ionut Chiose, Rares Rasdeaconu, Ioana Suvaina, *Balanced Manifolds and SKT Metrics*, arXiv:1608.08721.
47. Daniele Angella, Antonio Otal, Luis Ugarte, Raquel Villacampa, *On Gauduchon connections with Kähler-like curvature*, arXiv:1809.02632.
- 22. "The Dolbeault operator on Hermitian spin surfaces (with B. Alexandrov and G. Grantcharov), Annales de l'institut Fourier 51 1 (2001), 221-235. IF - 0.517**
цитирования - 7.
1. Thomas Friedrich, **Dirac operators in Riemannian geometry**, Graduate Studies in Mathematics, vol. 23.
 2. Ginoux, N., **The Dirac Spectrum**, Book Series: Lecture Notes in Mathematics 1976, (2009) pp. 1-174
 3. G.Papadopoulos, *Brane Solitons and Hypercomplex structures*, Contribution to the Proceedings of the second meeting on "Quaternionic Structures in Mathematics and Physics math.DG/0003024
 4. Ornea, Liviu, *Locally conformally Kähler manifolds. A selection of results*, Lecture notes of Seminario Interdisciplinare di Matematica. **Vol. IV**, 121–152, Lect. Notes Semin. Interdiscip. Mat., IV, S.I.M. Dep. Mat. Univ.Basilicata, Potenza, 2005.
 5. Lopez Amorox, Antonio; Tejero Prieto, Carlos, *Holomorphic spectrum of twisted Dirac operators on compact Riemann surfaces*, J. Geom. Phys. **56** (2006), no. 10, 2069–2091.

6. Ilka Agricola, Thomas Friedrich, Mario Kassuba, *Eigenvalue estimates for Dirac operators with parallelcharacteristic torsion*, Differential Geom. Appl. 26 (2008),no. 6, 613–624, math.DG/0612304.
 7. Jardim, Marcos; Leao, Rafael F., *On the spectrum of the twisted Dolbeault Laplacian over Kähler manifolds*, Diff.Geom. Appl. **27** (2009), no. 3, 412–419.
- 23. "A no-go theorem for string warped compactification (with G.Papadopoulos), Phys. Lett. B 497 (2001) 309-316.IF - 4.377**
цитирования - 66.
1. N.S. Deger, A. Kaya, *AdS/CFT and Randall-Sundrum Model Without a Brane*, JHEP 0105 (2001) 030, hep-th/0010141
 2. Alex Buchel, Andrew Frey, *Comments on supergravity dual of pure N=1 Super Yang Mills theory with unbroken chiral symmetry*, Phys.Rev. **D64** (2001)064007; hep-th/0103022.
 3. Mariana Grana, Joseph Polchinski, *Gauge/Gravity Duals with Holomorphic Dilaton*, Phys.Rev. **D65** (2002) 126005;hep-th/0106014.
 4. Jerome P. Gauntlett, Dario Martelli, Stathis Pakis, Daniel Waldram, *G-Structures and Wrapped NS5-Branes*, Commun. Math. Phys. **247** (2004), 421-445. hep-th/0205050.
 5. Katrin Becker, Keshav Dasgupta, *Heterotic Strings with Torsion*, JHEP 0211 (2002) 006, hep-th/0209077.
 6. Sebastien Gurrieri, Jan Louis, Andrei Micu, Daniel Waldram, *Mirror Symmetry in Generalized Calabi-Yau Compactifications*,Nucl.Phys. **B654** (2003) 61-113, hep-th/0211102.
 7. G. L. Cardoso, G. Curio, G. Dall'Agata, D. Lust, P.Manousselis, G. Zoupanos, *Non-Kaehler String Backgrounds and their Five Torsion Classes*, Nucl.Phys. **B652** (2003) 5-34,hep-th/0211118.
 8. Jerome P. Gauntlett, Stathis Pakis, *The Geometry of D=11 Killing Spinors*, JHEP 0304 039 (2003).
 9. Edward Goldstein, Sergey Prokushkin , *Geometric Model for Complex Non-Kaehler Manifolds with SU(3) Structure*, Commun.Math. Phys. **251** (2004) 65-78, hep-th/0212307.
 10. Jerome P. Gauntlett, Dario Martelli, Daniel Waldram, *Superstrings with Intrinsic Torsion*, Phys. Rev. **D69**(2004) 086002.
 11. Misha Verbitsky, *Vanishing theorems for locally conformal hyper kaehler manifolds*, Tr. Mat. Inst. Steklova 246 (2004), Algebr. Geom.Metody, Svyazi i Prilozh., 64–91; translation in Proc. Steklov Inst. Math. 2004, no. 3 (246), 54–78, math.DG/0302219,
 12. A. Fino, G. Grantcharov, *Properties of manifolds with skew-symmetric torsion and special holonomy*, Adv. Math. **189** (2004), no. 2, 439–450.
 13. Muck, Wolfgang, *Perturbative and non-perturbative aspects of pure N=1 super Yang-Mills theory from wrapped branes*, JHEP 0302013 (2003).
 14. Berg, Marcus; Haack, Michael; Kors, Boris, *An Orientifold with Fluxes and Branes via T-duality*, Nuclear Physics **B 669**(2003), 3-56.
 15. Katrin Becker, Melanie Becker, Keshav Dasgupta, Paul S.Green, *Compactifications of Heterotic Theory on Non-Kähler Complex Manifolds: I*, JHEP 0304 (2003) 007.
 16. Katrin Becker, Melanie Becker, Keshav Dasgupta, Paul S.Green, Eric Sharpe, *Compactifications of Heterotic Strings on Non-Kähler Complex Manifolds: II*, Nucl. Phys. **B678** (2004),19-100.
 17. Schulz, Michael B., *Superstring Orientifolds with Torsion: O5 Orientifolds of Torus Fibrations and their Massless Spectra*, Fortschritte der Physik 52 963 (2004).
 18. Frey, Andrew R.; Grana, Mariana, *Type IIB Solutions with Interpolating Supersymmetries* Physical Review **D 68**106002 (2003).
 19. G.L. Cardoso, G. Curio, G. Dall'Agata, D. Lüst, *BPS Action and Superpotential for Heterotic Strings Compactifications with Fluxes*, JHEP 0310 (2003) 004, hep-th/0306088.
 20. Melanie Becker, Keshav Dasgupta, *Kähler versus Non-Kähler Compactifications*, to appear in the QTS3 proceedings, hep-th/0312221.
 21. Behrndt, Klaus; Cvetič, Mirjam, *General N = 1 Supersymmetric Fluxes in Massive Type IIA String Theory*, Nuclear Physics **B 708** (2005), 45-71.

22. Anton Kapustin, Yi Li, *Topological sigma-models with H-flux and twisted generalized complex manifolds*, Adv. Theor.Math. Phys. **11** (2007), no. 2, 261–290, hep-th/0407249.
23. Gurrieri, Sebastien, *N=2 and N=4 supergravities as compactifications from string theories in 10 dimensions*, Ph.D Thesys de l'Université de la Méditerranée, hep-th/0408044.
24. Gurrieri, S., *Compactifications on half-flat manifolds*, Fortschritte der Physik **53** (3) (2005), pp. 278-336.
25. Grana, Mariana, *Flux compactifications in string theory: a comprehensive review*, Phys. Rept. **423** (2006),91-158, hep-th/0509003.
26. Grana, M., *Flux compactifications and generalized geometries*, Classical and Quantum Gravity **23** (21), art. no. S02, (2006), pp. S883-S926.
27. Haack, M., *Calabi-Yau fourfold compactifications in string theory*, Fortschritte der Physik **50** (1) (2002).
28. Katrin Becker, Li-Sheng Tseng, *Heterotic Flux Compactifications and Their Moduli*, Nucl.Phys. **B741** (2006) 162-179, hep-th/0509131.
29. Melanie Becker, Keshav Dasgupta, Sheldon Katz, Anke Knauf, Radu Tatar, *Geometric Transitions, Flops and Non-Kähler Manifolds: II*, Nucl.Phys. **B738** (2006) 124-183, hep-th/0511099.
30. Keshav Dasgupta, Josh Guffin, Rhiannon Gwyn, Sheldon Katz, *Dipole-Deformed Bound States and Heterotic Kodaira Surfaces*, Nuclear Physics B **769** 1 (2007), hep-th/0610001.
31. Blumenhagen, Ralph; Kors, Boris; Lust, Dieter et al, *Four-dimensional String Compactifications with D-Branes, Orientifolds and Fluxes*, arXiv.org:hep-th/0610327, Phys. Rept. **445** (2007), no. 1-6, 1–193
32. Gillard, Joe, *Spinorial Geometry and Supergravity*, Ph.D, PhD thesis, 120 pages; King's College London, arXiv.org:hep-th/0608139.
33. Iman Benmachiche, *Heterotic and type II orientifold compactifications on SU(3) structure manifolds*, Dissertation zur Erlangung des Doktorgrades des Departments für Physik der Universität Hamburg, 2006.
34. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
35. Chialva, D., Danielsson, U.H., Johansson, N., Larfors, M., Vonk, M., *Deforming, revolving and resolving - New paths in the string theory landscape*, Journal of High Energy Physics 2008 (2)
36. Keshav Dasgupta, Hassan Firouzjahi, Rhiannon Gwyn, *On The Warped Heterotic Axion*, Journal of High Energy Physics 2008 (6), arXiv:0803.3828.
37. Tetsuji Kimura, Piljin Yi, *Comments on Heterotic Flux Compactifications*, JHEP 0607 (2006) 030, arXiv:hep-th/0605247.
38. Tetsuji Kimura, *Index Theorems on Torsional Geometries*, JHEP 0708:048,2007, arXiv:0704.2111.
39. Kim, Seok; Yi, Piljin, *A Heterotic Flux Background and Calibrated Five-Branes*, JHEP 0611:040 (2006), arXiv.org:hep-th/0607091.
40. Anna Fino, Adriano Tomassini, *On astheno-Kähler metrics*, J. Lond. Math. Soc. (2) **83** (2011), no. 2, 290–308.
41. Luca Carlevaro, Dan Israel, Marios Petropoulos, *Double-Scaling Limit of Heterotic Bundles and Dynamical Deformation in CFT*, Nuclear Physics B **827** (3), (2010), pp. 503-544; arXiv:0812.3391.
42. Hu, S., Hu, Z., Zhang, R., *Generalized ricci flow and supergravity vacuum solutions*, International Journal of Modern Physics A **25** (12), (2010), pp. 2535-2549.
43. Chen, Fang; Dasgupta, Keshav; Franche, Paul; Katz, Sheldon; Tatar, Radu; *Supersymmetric Configurations, Geometric Transitions and New Non-Kähler Manifolds*, Nuclear Physics B **852** (3), (2011) pp. 553-591.
44. Fang Chen, Keshav Dasgupta, Paul Franche, Radu Tatar, *Toward the Gravity Dual of Heterotic Small Instantons*, Phys.Rev.D **83**:046006, 2011; arXiv:1010.5509.
45. Dario Martelli, James Sparks, *Non-Kähler heterotic rotations*, Adv. Theor. Math. Phys. **15** (2011) 131-174, arXiv:1010.4031.
46. Xenia de la Ossa, Eirik E. Svanes, *Holomorphic Bundles and the Moduli Space of N=1 Heterotic Compactifications*, arXiv:1402.1725 [hep-th].
47. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *Exploring SU(3) Structure Moduli Spaces with Integrable G2 Structures*, Adv. Theor. Math. Physics, Volume 19 (2015) Number 4, 837-903.

48. Andre Coimbra, Charles Strickland-Constable, Daniel Waldram, *Supersymmetric Backgrounds and Generalised Special Holonomy*, Classical and Quantum Gravity, Volume 33, Number 12.
49. Eirik Eik Svanes, *Moduli in General $SU(3)$ -Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.
50. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 1II2, pp 539II595, <https://doi.org/10.1007/s00208-016-1463-5>
51. T. Kimura, S. Sasaki, M. Yata, *Hyper-Kaehler with torsion, T-duality, and defect (p, q) five-branes* - Journal of High Energy Physics, (JHEP) 03 (2015) 076.
52. Anthony Ashmore, Daniel Waldram, *Exceptional Calabi-Yau spaces: the geometry of $\mathcal{N} = 2$ backgrounds with flux*, Fortschritte der Physics (Progress of Physics), 2017, <https://doi.org/10.1002/prop.201600109>
53. Waldemar Schulgin, *Moduli Stabilization in type IIB Orientifolds*, Dissertation an der Fakultät für Physik der Ludwig-Maximilians-Universität München, 2007.
http://inspirehep.net/record/1420596/files/Schulgin_Waldemar.pdf
54. Christopher John Andrey, *Tackling the Supersymmetric Flavour Problem in String Models*, Ph.D These number 5189 (2011) Ecole Polytechnique Federale de Lausanne, 11 Novembre 2011, Suisse 2011 Pour L'obtention du grade de docteur es sciences, Lausanne, 2011.
http://inspirehep.net/record/1399310/files/EPFL_TH5189.pdf
55. Francesco Orsi, *Vacuum Configurations of String Theory in the Presence of Fluxes*, These de doctorat Specialite: Physique Theorique, Universite Paris Diderot (Paris 7), Paris, 2012.
http://inspirehep.net/record/1395779/files/These_Orsi.pdf
56. P. Marcos Crichtigno, Martin Rocek, *On gauged linear sigma models with torsion*, arXiv:1506.00335.
57. Andre Coimbra, Charles Strickland-Constable, *Supersymmetric Backgrounds, the Killing superalgebra and Generalised Special Holonomy*, J. High Energ. Phys. (2016) 2016: 63. doi:10.1007/JHEP11(2016)063
58. Sergei Alexandrov, Sergei V. Ketov, Yuki Wakimoto, *Non-perturbative scalar potential inspired by type IIA strings on rigid CY*, J. High Energ. Phys. (2016) 2016: 66. doi:10.1007/JHEP11(2016)066
59. Mario Garcia-Fernandez, *Ricci flow, Killing spinors, and T-duality in generalized geometry*, arXiv:1611.08926.
60. Mario Trigiante, **Gauged Supergravities**, Physics Reports Volume 680, 31 March 2017, Pages 1II175
61. Yuki Wakimoto, Sergei V. Ketov, *No inflation in type IIA strings on rigid CY spaces*, Progress of Theoretical and Experimental Physics, Volume 2017, Issue 8, 1 August 2017, 083E02, <https://doi.org/10.1093/ptep/ptx094>
62. Samuel Beck, *Global and Local Aspects of Supersymmetric Anti-de Sitter Spaces*, A thesis presented for the degree of Doctor of Philosophy, Department of Mathematics Kings College London United Kingdom October 19, 2016.
https://kclpure.kcl.ac.uk/portal/files/73269081/2017_Beck_Samuel_thesis.pdf
63. Andre Coimbra, Charles Strickland-Constable, *Supersymmetric flux backgrounds and generalised special holonomy*, Conference: Corfu Summer Institute 2016 "School and Workshops on Elementary Particle Physics and Gravity DOI10.22323/1.292.0088.
64. Max Zimet, *Umbral Moonshine and String Duality*, arXiv:1803.07567.
65. Magdalena Larfors, Andre Lukas, Fabian Ruehle, *Calabi-Yau Manifolds and $SU(3)$ Structure*, arXiv:1805.08499.
66. Carlos A. R. Herdeiro, Eugen Radu, Kunihito Uzawa, *Compact objects and the swampland*, arXiv:1811.10844.
24. **"Harmonic spinors of Dirac operator of connection with torsion in dimension 4 (with P.Dalakov), Class. Quantum Gravity 18 (2001), 253-265. IF - 1.985.**
цитирования - 9.
1. Rodrigues Jr., W.A., de Oliveira, E.C., **The many faces of Maxwell, Dirac and Einstein equations: The Clifford bundle approach**, Lecture Notes in Physics 722 (Springer, Berlin Heidelberg 2007).
 2. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5–84.

3. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 4. E. A. Notte-Cuello, W. A. Rodrigues Jr., Q. A. G. de Souza, *The Square of the Dirac and spin-Dirac Operators on a Riemann-Cartan Space(time)*, Rep. Math. Phys. **60**, 135-157(2007).
 5. E. A. Notte-Cuello, *On the Dirac and Spin-Dirac Operators*, Advances in Applied Clifford Algebras Volume 20, Numbers 3-4 (2010), 765-780
 6. Ilka Agricola, Julia Becker-Bender, Hwajeong Kim, *Twistorial eigenvalue estimates for generalized Dirac operators with torsion*, Advances in Mathematics **243**, (2013), pp. 296-329.
 7. Ioannis Chrysikos, *Killing and twistor spinors with torsion*, Annals of Global Analysis and Geometry (2015), pp 1-37.
 8. Ioannis Chrysikos, Christian O'Cadiz Gustad, Henrik Winther, *Invariant connections and ∇ -Einstein structures on isotropy irreducible spaces* arXiv:1607.06774.
 9. Ioannis Chrysikos, *A new 1/2-Ricci type formula on the spinor bundle and applications*, arXiv:1703.04121.
- 25. "Vanishing theorems and String Backgrounds (with G. Papadopoulos), Class. Quantum Gravity 18 (2001), 1089-1110. IF - 1.985**
цитирования - 98.
1. Th. Friedrich, *Spin(9)-structures and connections with totally skew-symmetric torsion*, Journal of Geometry and Physics 47 (2003) 197-206.
 2. Alex Buchel, Andrew Frey, *Comments on supergravity dual of pure N=1 Super Yang Mills theory with unbroken chiral symmetry*, Phys.Rev. **D64** (2001)064007; hep-th/0103022.
 3. I. Dotti, A. Fino, *Hyperkähler torsion structure invariant by Nilpotent Lie groups*, Class. Quantum Grav. **19**(2002), 551-562.
 4. A. Fino, *Cotangent bundles of 4-dimensional hypercomplex Lie groups*, Manuscripta Math. **109** (2002), no.4, 527-541.
 5. Anna Fino, Maurizio Parton, Simon Salamon, *Families of strong KT structures in six dimensions*, Comment. Math. Helv. **79** (2004), no. 2, 317-340.
 6. Sebastien Gurrieri, Jan Louis, Andrei Micu, Daniel Waldram, *Mirror Symmetry in Generalized Calabi-Yau Compactifications*, Nucl.Phys. **B654** (2003) 61-113, hep-th/0211102.
 7. Jerome P. Gauntlett, Stathis Pakis, *The Geometry of D=11 Killing Spinors*, JHEP 0304 039 (2003).
 8. Edward Goldstein, Sergey Prokushkin, *Geometric Model for Complex Non-Kähler Manifolds with SU(3) Structure*, Commun.Math. Phys. **251** (2004) 65-78, hep-th/0212307.
 9. Misha Verbitsky, *Vanishing theorems for locally conformal hyperkähler manifolds*, Tr. Mat. Inst. Steklova 246 (2004), Algebr. Geom. Metody, Svyazi i Prilozh., 64-91; translation in Proc. Steklov Inst. Math. 2004, no. 3 (246), 54-78, math.DG/0302219,
 10. D. Grantcharov, G. Grantcharov, Y.S. Poon, *Calabi-Yau Connections with Torsion on Toric Bundles*, J. Differential Geom. **78** (2008), no. 1, 13-32.
 11. G.L. Cardoso, G. Gurio, G. Dall'Agata, D. Lüst, *BPS Action and Superpotential for Heterotic Strings Compactifications with Fluxes*, JHEP 0310 (2003) 004, hep-th/0306088.
 12. Frederik Witt, *Generalised G₂-manifolds*, Commun.Math.Phys. **265** (2006) 275-303.
 13. Iman Benmachiche, *Heterotic and type II orientifold compactifications on SU(3) structure manifolds*, Dissertation zur Erlangung des Doktorgrades des Departments für Physik der Universität Hamburg, 2006.
 14. Gurrieri, Sebastien, *N=2 and N=4 supergravities as compactifications from string theories in 10 dimensions*, Ph.D Thesis de l'Université de la Méditerranée, hep-th/0408044.
 15. Frederik Witt, *Special metric structures and closed forms*, DPhil Thesis, University of Oxford, 2004, math.DG/0502443.
 16. Berg, Marcus; Haack, Michael; Kors, Boris, *Loop Corrections to Volume Moduli and Inflation in String Theory*, Physical Review **D 71** 026005 (2005).

17. Paul Rosenthal, *Spezielle symplektische Zusammenhänge*, Wissenschaftliche Arbeit zur Erlangung des akademischen Grades \ddot{Y} Diplom \ddot{I} Mathematiker \ddot{Y} am Institut für Mathematik und Informatik der Ernst-Moritz-Arndt-Universität Greifswald, 2005.
18. Berg, Marcus; Haack, Michael; Kors, Boris, *On the Moduli Dependence of Nonperturbative Superpotentials in Brane Inflation*, contribution to proceedings of "PASCOS'04 hep-th/0409282.
19. Ana Ferreira, *Riemannian geometry with skew torsion*, St Cross College University of Oxford, A thesis submitted for the degree of Doctor of Philosophy Hilary Term 2010.
20. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5–84, math.DG/0606705.
21. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
22. Apostolov, Vestislav; Gualtieri, Marco, *Generalized Kaehler manifolds with split tangent bundle*, Comm. Math. Phys.**271**, (2007), 561-575; math/0605342.
23. Frank Klinker, *The torsion of spinor connections and related structures*, SIGMA 2 (2006), 077, 28 pages;
24. Ruxandra Moraru, Misha Verbitsky, *Stable bundles on hypercomplex surfaces*, Cent. Eur. J. Math. 8 (2010), no. 2, 327–337;
25. Katrin Becker, Li-Sheng Tseng, *Heterotic Flux Compactifications and Their Moduli*, Nucl.Phys. **B741** (2006) 162-179, hep-th/0509131.
26. A Fino, A Tomassini, *Solvmanifolds and Generalized Kähler Structures*, Note di Matematica Note Mat.**8** (1) (2008), suppl. n. 1, 169-190.
27. Anna Fino, Adriano Tomassini, *Non Kaehler solvmanifolds with generalized Kaehler structure*, J. Symp. Geom., **7** (2009), no. 2, 1-14.
28. T. B. Madsen, *Torsion geometry and scalar functions*, University of Southern Denmark, qualifying report, August 2009,
<http://home.imf.au.dk/tbmadsen/DMF-2009-11-003-v1.pdf>
29. Maria Laura Barberis, Isabel G. Dotti, Misha Verbitsky, *Canonical bundles of complex nilmanifolds, with applications to hypercomplex geometry*, Math. Res. Lett. 16 (2009), no. 2,331–347, arXiv:0712.3863.
30. Gillard, Joe, *Spinorial Geometry and Supergravity*, Ph.D, PhD thesis, 120 pages; King's College London, arXiv.org:hep-th/0608139.
31. Chiossi, Simon G., Fino, Anna, *Nearly integrable SO(3) structures on 5-dimensional Lie groups*, J. Lie Theory **17** (2007), no. 3, 539–562.
32. Tetsuji Kimura, *Index Theorems on Torsional Geometries*, JHEP 0708:048,2007, arXiv:0704.2111.
33. Anna Fino, Adriano Tomassini, *On astheno-Kaehler metrics*, J. Lond. Math. Soc. (2) **83** (2011), no. 2,290 \ddot{I} 308,
34. Mancho Manev, Dimitar Mekerov, Kostadin Gribachev, *Natural Connections with Totally Skew-Symmetric Torsion on Manifolds with Norden-type Metrics*, Proc. Ann. Intern. Conference, 10-12 December, 2010 Plovdiv, Bulgaria (REMI 2010), pp. 55-67.
35. Fino A, Tomassini A., *A survey on strong KT structures*, Bulletin Mathematique de la Societe des Sciences mathematiques de Roumanie, Volume: 52 Issue: 2 Pages: 99-116Published: 2009.
36. Marisa Fernandez, Anna Fino, Luis Ugarte, Raquel Villacampa, *Strong Kaehler with torsion structures from almost contact manifolds*, to appear in Pacific Journal of Mathematics; arXiv:0909.3946
37. Luca Carlevaro, Dan Israel, *Heterotic Resolved Conifolds with Torsion, from Supergravity to CFT*, Journal of High Energy Physics, Volume 2010, article id. #83arXiv:0910.3190.
38. Mancho Manev, Dimitar Mekerov, Kostadin Gribachev, *On the Geometry of Connections with Totally Skew-Symmetric Torsion on Manifolds with Additional Tensor and Indefinite metric*, Differential Geom. Appl. **29** (2011), S141–S148.
39. M. L. Barberis, A. Fino, *New HKT manifolds arising from quaternionic representations*, Math. Z. **267** (2011), no.3-4, 717 \ddot{I} 735.
40. Dimitar Mekerov, Mancho Manev, *Natural Connection with Totally Skew-Symmetric Torsion on Riemannian Almost Product Manifolds*, International Journal of Geometric Methods in Modern Physics, Vol. 9, No. 1 (2012) 1250003.

41. Mancho Manev, *Natural connection with totally skew-symmetric torsion on almost contact manifolds with B-metric*, Int. J. Geom. Methods Mod. Phys., vol. 9, no. 5 (2012), 1250044 (20 pages);
42. Bjorn Andreas, Mario Garcia-Fernandez, *Solutions of the Strominger System via Stable Bundles on Calabi-Yau Threefolds*, Communications in Mathematical Physics, Volume 315, Issue 1, (2012), pp.153-168.
43. Mancho Manev, Miroslava Ivanova, *A classification of the torsion tensors on almost contact manifolds with B-metric*, Central European Journal of Mathematics, October 2014, Volume 12, Issue 10, pp 1416-1432; arXiv:1105.5715.
44. Kefeng Liu, Xiaokui Yang, *Geometry of Hermitian manifolds*, Int. J. Math. **23**, No. 6 (2012) 1250055 (40 pages).
45. Anna Fino, Luis Ugarte, *On generalized Gauduchon metrics*, to appear in Proc. Edinburgh Math. Soc, arXiv:1103.1033.
46. Mancho Manev, Miroslava Ivanova, *Canonical-type connection on almost contact manifolds with B-metric*, Ann. Glob. Anal. Geom. (2012), arXiv:1203.0137.
47. Dario Martelli, James Sparks, *Non-Kahler heterotic rotations*, Adv. Theor. Math. Phys. 15 (2011) 131-174, arXiv:1010.4031.
48. Ana Cristina Ferreira, *Einstein four-manifolds with skew torsion*, arXiv:1106.4947.
49. Selman Uguz, *Lee form and special warped-like product manifolds with locally conformally parallel Spin(7) structures*, Ann. Glob. Anal. Geom. Volume 43, Issue 2, 2013, Pages 123-141.
50. Tsuyoshi Houri, David Kubiznak, Claude M. Warnick, Yukinori Yasui, *Local metrics admitting a principal Killing-Yano tensor with torsion*, Classical and Quantum Gravity, Volume 29, Issue 16, pp. 165001 (2012), arXiv:1203.0393.
51. Tsuyoshi Houri, Hiroshi Takeuchi, Yukinori Yasui, *A Deformation of Sasakian Structure in the Presence of Torsion and Supergravity Solutions*, Class. Quant. Grav. 30:135008,2013, arXiv:1207.0247.
52. Xiaokui Yang. 2012. *Positivity and Vanishing Theorems in Complex and Algebraic Geometry*, Ph.D. Dissertation. University of California at Los Angeles, Los Angeles, CA, USA. Advisor(s) Kefeng Liu. AAI3511350.
53. Diego Conti, Thomas Bruun Madsen, *The odd side of torsion geometry*, Annali di Matematica Pura ed Applicata (1923 -) August 2014, Volume 193, Issue 4, pp 1041-1067.
54. Jesse Alt, Antonio J. Di Scala, Thomas Leistner, *Conformal holonomy, symmetric spaces, and skew symmetric torsion*, Diff. Geom. Appl. 33, (2014)pp. 4-43.
55. Hu, S., Hu, Z., Zhang, R., *Generalized ricci flow and supergravity vacuum solutions* International Journal of Modern Physics A **25** (12), (2010), pp. 2535-2549.
56. Ilka Agricola, Thomas Friedrich, Jos Hull, *Sp(3) structures on 14-dimensional manifolds*, arXiv:1210.3056.
57. Mario Garcia-Fernandez, *Generalized geometry and heterotic supergravity*, preprint Aarhus University 2012, available at:
<http://pure.au.dk/portal/files/52568111/HeteroticGeometry.pdf>
58. Nicola Enrietti, Anna Fino, Luigi Vezzoni, *The pluriclosed flow on nilmanifolds and Tamed symplectic forms*, arXiv:1210.4816.
59. Francesco Orsi, *Vacuum Configurations of String Theory in the Presence of Fluxes*, These de doctorat Specialite: Physique Theorique, Universite Paris Diderot (Paris 7), Paris, 2012.
http://inspirehep.net/record/1395779/files/These_Orsi.pdf
60. Luca Carlevaro, Dan Israel, *Local models of heterotic flux vacua: spacetime and worldsheet aspects*, Fortschritte der Physik, vol. 59, issue 7-8, pp. 716-722; arXiv:1109.1534.
61. Quigley, Callum; Sethi, Savdeep; Stern, Mark, *Novel branches of (0, 2) theories*, JHEP, (Journal of High Energy Physics), Volume 2012, article id. #64.
62. Mario Garcia-Fernandez, *Torsion-free generalized connections and Heterotic Supergravity* arXiv:1304.4294.
63. Thomas T. Dumitrescu, Guido Festuccia, Nathan Seiberg, *Exploring Curved Superspace*, JHEP, (Journal of High Energy Physics), Volume 2012, article id. #141.
64. Julia Becker-Bender, *Dirac-Operatoren und Killing-Spinoren mit Torsion*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht am Fachbereich Mathematik und Informatik (FB 12) der Philipps-Universität Marburg, 2013, available at: <http://archiv.ub.uni-marburg.de/diss/z2013/0049/pdf/djb.pdf>

65. Takeuchi, Hiroshi, *Sasakian Exact Solutions for Spinning Black Holes in Superstring Inspired Gravities*, Thesis of Dissertation, Kyoto University, March, 2013. available at:
<http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/179367/2/drigrk03893.pdf>
66. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
67. Dan Israel, *T-Duality in Gauged Linear Sigma-Models with Torsion* arXiv:1306.6609.
68. Valentino Tosatti, *Non-Kähler Calabi-Yau manifolds*, to appear in Contemp. Math; arXiv:1401.4797.
69. Gukov, Sergei; Martinec, Emil; Moore, Gregory; Strominger, Andrew, *The Search for a Holographic Dual to $AdS(3) \times S(3) \times S(3) \times S(1)$* , Adv.Theor. Math. Phys. **9** (2005) 435-525.
70. Jeff Streets, Gang Tian, *Regularity results for pluriclosed flow*, Geometry & Topology 17 (2013) 2389-2429.
71. Jeffrey Streets, Gang Tian, *Generalized Kahler Geometry and the Pluriclosed Flow*, Nuclear Physics B **858** (2012) (2) , pp. 366-376.
72. Katrin Becker, Melanie Becker, Ji-Xiang Fu, Li-Sheng Tseng, Shing-Tung Yau, *Anomaly Cancellation and Smooth Non-Kähler Solutions in Heterotic String Theory*, Nuclear Physics **B751** (2006), 108. hep-th/0604137.
73. Jeffrey Streets, *Generalized geometry, T-duality, and renormalization group flow*, arXiv:1310.5121.
74. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, Trans. Amer. Math. Soc. DOI: <https://doi.org/10.1090/tran/7000> Published electronically: March 17, 2017
75. Bjorn Andreas, Mario Garcia-Fernandez, *Note on Solutions of the Strominger System from Unitary Representations of Cocompact Lattices of $SL(2, \mathbb{C})$* , Communications in Mathematical Physics, March 2014, DOI 10.1007/s00220-014-1920-5.
76. Xenia de la Ossa, Eirik E. Svanes, *Holomorphic Bundles and the Moduli Space of $N=1$ Heterotic Compactifications*, arXiv:1402.1725 [hep-th].
77. Kazuki Hinoue, Shun'ya Mizoguchi, Yukinori Yasui, *Supersymmetric heterotic solutions via non- $SU(3)$ standard embedding*, arXiv:1406.6457.
78. Jeffrey Streets, *Geometric flows in complex geometry*, Notes for lectures delivered at the Hefei Advanced School on PDEs in Geometry and Physics June30th-July 11th 2014.
available at <http://indico.ictp.it/event/a13245/material/0/2.pdf>
79. Eirik Eik Svanes, *Moduli in General $SU(3)$ -Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.
80. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 1-2, pp 539-595, <https://doi.org/10.1007/s00208-016-1463-5>
81. Jeffrey Streets, *Pluriclosed flow, Born-Infeld geometry, and rigidity results for generalized Kähler manifolds*, Comm. Partial Differential Equations, 41 (2) (2016), pp. 318-374, 10.1080/03605302.2015.1116560
82. T. Kimura, S. Sasaki, M. Yata, *Hyper-Kähler with torsion, T-duality, and defect (p, q) five-branes* - Journal of High Energy Physics, (JHEP) 03 (2015) 076.
83. Ioannis Chrysikos, *Killing and twistor spinors with torsion*, Annals of Global Analysis and Geometry (2015), pp 1-37.
84. Jeffrey Streets, *Generalized Kahler-Ricci flow and the classification of nondegenerate generalized Kahler surfaces*, arXiv:1601.02981.
85. Guillaume Deschamps, *Twistor space of a generalized quaternionic manifold*, arXiv:1601.03882.
86. Ioannis Chrysikos, Christian O'Cadiz Gustad, Henrik Winther, *Invariant connections and ∇ -Einstein structures on isotropy irreducible spaces* arXiv:1607.06774.
87. Adela Latorre, Luis Ugarte, *On non-Kähler compact complex manifolds with balanced and astheno-Kähler metrics* , Comptes Rendus Mathematique Volume 355, Issue 1, January 2017, Pages 90-93.
88. Mario Garcia-Fernandez, *Ricci flow, Killing spinors, and T-duality in generalized geometry*, arXiv:1611.08926.
89. Ioannis Chrysikos, *A new $1/2$ -Ricci type formula on the spinor bundle and applications*, arXiv:1703.04121.

90. Vestislav Apostolov, Jeffrey Streets, *The nondegenerate generalized Kahler Calabi-Yau problem*, arXiv:1703.08650.
91. Mancho Manev, *On Geometry of Manifolds with Some Tensor Structures and Metrics of Norden Type*, arXiv:1706.05505.
92. Samuel Beck, *Global and Local Aspects of Supersymmetric Anti-de Sitter Spaces*, A thesis presented for the degree of Doctor of Philosophy, Department of Mathematics Kings College London United Kingdom October 19, 2016.
https://kclpure.kcl.ac.uk/portal/files/73269081/2017_Beck_Samuel_thesis.pdf
93. Jeffrey Streets, *Classification of solitons for pluriclosed flow on complex surfaces*, arXiv:1802.00170.
94. Mario Garcia-Fernandez, Roberto Rubio, Carlos Shahbazi, Carl Tipler, *Canonical metrics on holomorphic Courant algebroids*, arXiv:1803.01873.
95. Jixiang Fu, Xianchao Zhou, *Twistor geometry of Hermitian surfaces induced by canonical connections*, arXiv:1803.03894.
96. Ramiro A. Lafuente, Mattia Pujia, Luigi Vezzoni, *Hermitian Curvature flow on Lie groups and static invariant metrics*, arXiv:1807.00059.
97. Sebastien Picard, *The Hull-Strominger System in Complex Geometry*, Ph.D. Thesis in the Graduate School of Arts and Sciences, COLUMBIA UNIVERSITY 2018.
file:///D:/Thesys/Picard_columbia_0054D_14538.-StromingerSystempdf.pdf
98. Eder de Moraes Correa, *Hermitian non-Kähler structures on products of principal S^1 -bundles over complex flag manifolds and applications in Hermitian geometry with torsion*, Arxiv October 23.
- 26. "Weyl structure with positive Ricci tensor (with B. Alexandrov), *Diff. Geom. Appl.* 18 (2003), 343-350.** *IF - 0.389*
цитирования - 12.
1. P.B. Gilkey, M. Brozos-Vazquez and S. Nikcevic, **Geometric realizations of curvature**, Imperial College Press (2012).
 2. Peter Gilkey, Stana Nikcevic, Udo Simon, *Geometric realizations, curvature decompositions, and Weyl manifolds*, *J.Geom. Phys.* /bf 61 (2011), no. 1, 270I275.
 3. Misha Verbitsky, *Vanishing theorems for locally conformal hyper kaehlermanifolds*, *Tr. Mat. Inst. Steklova* 246 (2004), *Algebr. Geom.Metody, Svyazi i Prilozh.*, 64–91; translation in *Proc. Steklov Inst. Math.* 2004, no. 3 (246), 54–78, [math.DG/0302219](https://arxiv.org/abs/math/0302219),
 4. L. Ornea, M. Verbitsky, *Immersion theorem for Vaisman manifolds*, *Math. Ann.* **332** (2005), no. 1,121–143.
 5. Daniel J. F. Fox, *Geometric structures modeled on affine hypersurfaces and generalizations of the Einstein Weyl and affine hypersphere equations*, arXiv:0909.1897.
 6. Ichiyama, Toshiyuki, *The first variation formula for Weyl structures* *Tsukuba J. Math.***26** (2002), no. 1, 171–187.
 7. Ornea, Liviu, *Locally conformally Kähler manifolds. A selection of results*, *Lecture notes of Seminario Interdisciplinare di Matematica. Vol. IV*, 121–152, *Lect. Notes Semin. Interdiscip. Mat.*, IV, S.I.M. Dep. Mat. Univ.Basilicata, Potenza, 2005.
 8. Hirica, I.E., *On subprojective transformations*, *Balkan Journal of Geometry and its Applications* **11** (1)(2006), pp. 66-72.
 9. Liviu Nicolescu, Gabriel-Teodor Pripoae and Virgil Damian, *On some families of linear connections*, *Balkhan Journal of Geometry and Its Applications*, Vol.16, No.1, 2011, pp. 98-110.
 10. Hirica, I.E., Nicolescu, L., *Conformal connections on Lyra manifolds*, *Balkan Journal of Geometry and its Applications* **13** (2) (2008), pp. 43-49.
 11. Joon-Sik Park, Yong-Soo Pyo, and Young-Lim Shin, *Weyl structures on compact connected Lie groups*, *Journal of the Chungcheong Mathematical Society* Volume 24, No. 3, September 2011.
 12. P. Gilkey, S. Nikcevic, *(para)-Kähler Weyl structures*, *Recent trends in Lorentzian geometry*, 335-353, *Springer Proc. Math. Stat.*, 26, Springer, New York, 2013.

27. "Geometry of Quaternionic Kähler connections with torsion *J. Geom. Phys.* **41** (2002), 235-257, IF - 1.178

цитирования - 22.

1. R. Cleyton, *G-structure and Einstein metrics*, Ph.D.Thesis, University of Southern Denmark, Odense, 2001, <ftp://ftp.imada.sdu.dk/pub/phd/2001/24.PS.gz>
2. D.V.Alekseevsky, S.Marchiafava, *Almost complex submanifolds of quaternionic manifolds*, Steps in Differential Geometry, Proc. Colloquium on Diff. Geom., 25-30 July, 2000, Debrecen, Hungary, 23-38.
3. L.Ornea *Weyl structures on Quaternionic manifolds. A state of the art.*, Barletta, Elisabetta (ed.), Selected topics in geometry and mathematical physics. Vol. I. Potenza: Univ. degli Studi della Basilicata, Dipartimento di Matematica, Seminario Interdisciplinare di Matematica, 43-80 (2001). Also on math.DG/0105041. Zbl 1029.53055
4. G.Papadopoulos, *Brane Solitons and Hypercomplexstructures*, Contribution to the Proceedings of the second meeting on "Quaternionic Structures in Mathematics and Physics math.DG/0003024.
5. Yat Sun Poon, Andrew Swann, *Superconformal symmetry and hyperKähler manifolds with torsion*, Comm. Math. Phys. **241**(2003), 177-189.
6. George Papadopoulos, *KT and HKT Geometries in Strings and in Black Hole Moduli Spaces*, hep-th/0201111, Contribution to the Proceedings of the Bonn workshop on "Special Geometric Structures in String Theory
7. Liviu Ornea, Yat Sun Poon, Andrew Swann, *Potential one-forms for hyperkähler structures with torsion*, Classical Quantum Gravity **20** (2003), no. 9, 1845-1856.
8. Jerome P. Gauntlett, Dario Martelli, Daniel Waldram, *Superstrings with Intrinsic Torsion*, Phys. Rev. **D69**(2004) 086002.
9. Misha Verbitsky, *Hyperkähler manifolds with torsion obtained from hyperholomorphic bundles*, Math. Res. Lett. **10** (2003), no. 4, 501-513, math.DG/0303129.
10. F. Cabrera, *Almost Quaternion-Hermitian Manifolds*, Ann. Glob. Anal. Geom., **25** (2004), no. 3, 277-301.
11. F.Cabrera, A.Swann, *Almost Hermitian structures and quaternionic Geometries*, Differential Geom. Appl. **21**(2004), no. 2, 199-214.
12. A. Swann, *Quaternionic geometries from superconformal symmetry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 455-476.
13. Zamkovoy, Simeon *Geometry of paraquaternionic Kähler manifolds with torsion*, J. Geom. Phys. **57** (2006), 69-87.
14. Francisco Martin Cabrera, Andrew Swann *The intrinsic torsion of almost quaternion-Hermitian manifolds*, Ann. Inst. Fourier **58**, No. 5, 1455-1497 (2008).
15. G. Vilcu, *Contribution to the study of quaternionic manifold*, Ph.D. Thesis University of Bucharest, 2006, available <http://www.mathem.pub.ro/dgds/mono/vi-vol.pdf>
16. Paul-Andi Nagy, *Connexions with totally skew-symmetric torsion and nearly-Kähler geometry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 347-398.
17. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
18. Capelletti Montano, *3-structures with torsion*, Differ. Geom. Appl. 27, No. 4, 496-506 (2009).
19. P. Gilkey, S. Nikčević, *(para)-Kähler Weyl structures*, Recent trends in Lorentzian geometry, 335-353, Springer Proc. Math. Stat., 26, Springer, New York, 2013.
20. Peter Gilkey, Stana Nikčević, Udo Simon, *Geometric realizations, curvature decompositions, and Weyl manifolds*, J.Geom. Phys. **61** (2011), no. 1, 270-275.
21. Martin Kober, *Quaternionic Quantization Principle in General Relativity and Supergravity*, International Journal of Modern Physics A, Particles and Fields; Gravitation; Cosmology, Volume 31, Issue 04n05, 20 February 2016
22. Uwe Semmelmann, Gregor Weingart, *The Standard Laplace Operator*, arXiv:1708.04775.

28. "Parallel spinors and connections with skew-symmetric torsion in string theory (with Th. Friedrich), *Asian Journ. Math.* **6**(2002), 303 - 336.

цитирования - 213

1. I. Agricola, *Connexions sur les espaces homogènes naturellement reductifs et leurs opérateurs de Dirac (French)*[Connections on naturally reductive homogeneous spaces and their Dirac operators] *C. R. Math. Acad. Sci. Paris* **335** (2002), no. 1, 43–46.
2. Ilka Agricola, *Connections on naturally reductive spaces, their Dirac operator and homogeneous models in string theory*, *Comm. Math. Phys.* **232** (2003), no. 3, 535–563.
3. R. Cleyton, *G-structure and Einstein metrics*, Ph.D.Thesis, University of Southern Denmark, Odense, 2001, <ftp://ftp.imada.sdu.dk/pub/phd/2001/24.PS.gz>
4. P.-A.Nagy, *On nearly Kähler geometry*, *Ann. Glob.Anal. Geom.* **22** (2002), 167-178.
5. Baum, Helga; Kath, Ines, *Doubly Extended Lie Groups-Curvature, Holonomy and Parallel Spinors*, *Diff. Geom. Appl.* **19** (2003), 253-280.
6. Jerome P. Gauntlett, Nakwoo Kim, Dario Martelli, Daniel Waldram, *Five branes Wrapped on SLAG Three-Cycles and Related Geometry*, *JHEP* 0111 (2001) 018, hep-th/01110034.
7. P.Nurowski, D.C.Robinson, *Generalized forms and their applications*, *Class. Quantum Grav.* **19** (2002), 2425-2436.
8. Paul-Andi Nagy, *Nearly Kaehler geometry and Riemannian foliations*, *Asian Journ. Math.*, **6** (2002), no. 3, 481–504.
9. Jerome P. Gauntlett, Dario Martelli, Stathis Pakis, Daniel Waldram, *G-Structures and Wrapped NS5-Branes*, *Commun. Math. Phys.* **247** (2004), 421-445. hep-th/0205050.
10. Sebastien Gurrieri, Jan Louis, Andrei Micu, Daniel Waldram, *Mirror Symmetry in Generalized Calabi-Yau Compactifications*, *Nucl.Phys.* **B654** (2003) 61-113, hep-th/0211102.
11. Richard Cleyton, Andrew Swann, *Einstein Metrics via Intrinsic or Parallel Torsion*, *Math. Z.* **247** (2004), no. 3, 513–528.
12. Jerome P. Gauntlett, Stathis Pakis, *The Geometry of D=11 Killing Spinors*, *JHEP* 0304 039 (2003).
13. Edward Goldstein, Sergey Prokushkin, *Geometric Model for Complex Non-Kaehler Manifolds with SU(3) Structure*, *Commun.Math. Phys.* **251** (2004) 65-78, hep-th/0212307.
14. Alexandrov, Bogdan, *Sp(n)U(1)-connections with parallel totally skew-symmetric torsion*, *J. Geom. Phys.* **57** (2006), no. 1, 323–337, math/0311248.
15. Jerome P. Gauntlett, Dario Martelli, Daniel Waldram, *Superstrings with Intrinsic Torsion*, *Phys. Rev.* **D69**(2004) 086002.
16. Dario Martelli, James Sparks, *G-Structures, Fluxes and Calibrations in M-Theory*, *Phys. Rev. D* (3) **68** (2003), no. 8, 085014, 19 pp.
17. Robert Bryant, *Some remarks on G₂-structures*, *Proceedings of Gökova Geometry-Topology Conference 2005*, 75–109, *Gökova Geometry/Topology Conference (GGT)*, Gökova, math.DG/0305124.
18. Jerome P. Gauntlett, Jan B. Gutowski, *All supersymmetric solutions of minimal gauged supergravity in five dimensions*, *Phys.Rev.* **D68** (2003) 105009, hep-th/0304064.
19. Jan B. Gutowski, Dario Martelli, Harvey S. Reall, *All supersymmetric solutions of minimal supergravity in six dimensions*, *Class.Quant.Grav.* **20** (2003) 5049-5078, hep-th/0306235.
20. Jerome P. Gauntlett, *Branes, Calibrations and Supergravity*, hep-th/0305074.
21. Paul Rosenthal, *Spezielle symplektische Zusammenhänge*, *Wissenschaftliche Arbeit zur Erlangung des akademischen Grades Y Diplom-MathematikerY am Institut für Mathematik und Informatik der Ernst-Moritz-Arndt-Universität Greifswald*, 2005.
22. Jerome P. Gauntlett, Jan B. Gutowski, Stathis Pakis, *The Geometry of D=11 Null Killing Spinors*, *JHEP* 0312 (2003) 049.
23. K. Behrndt, C. Jeschek, *Fluxes in M-theory on 7-manifolds: G-structures and Superpotential*, *Nucl. Phys.* **B694** (2004), 99-114. hep-th/0311119,

24. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS₅ solutions of M-theory*, Class. Quant. Grav. **21** (2004) 4335-4366, hep-th/0402153.
25. Behrndt, Klaus; Cvetič, Mirjam, *Supersymmetric Intersecting D6-branes and Fluxes in Massive Type IIA String Theory*, Nucl.Phys. **B676** (2004) 149-171.
26. Melanie Becker, Keshav Dasgupta, Anke Knauf, Radu Tatar, *Geometric transitions, Flops and Non-Kähler manifolds:I*, Nucl.Phys. **B702**, (2004) 207-268.
27. Smith, Douglas J., *Intersecting brane solutions in string and M-theory*, Classical and Quantum Gravity 20 (2003) R233.
28. Simon Chiossi, Andrew Swann, *G₂-structures with torsion from half-flat-integrable nilmanifolds*, J. Geom. Phys.54 (2005), no. 3, 262–285.
29. Luigi Vezzoni, *Sur les structures presque complexes qui ne sont pas compatibles avec des formes symplectiques*, Comptes Rendus Mathematique (Paris) Volume 349, Issues 7II8, April 2011, Pages 429II431.
30. Klaus Behrndt, Claus Jeschek, *Fluxes in M-theory on 7-manifolds: G₂-, SU(3)- and SU(2)-structures*, contribution for the proceedings of: BW2003 Workshop, 29 Aug. - 02 Sept., 2003 Vrnjacka Banja, Serbia, hep-th/0406138.
31. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS Backgrounds in String and M-theory*, hep-th/0411194, to appear in the proceedings of the 73rd Meeting between Physicists and Mathematicians "(A)dS/CFT correspondence Strasbourg, September 11-13, 2003.
32. Andrei Moroianu, Paul-Andi Nagy, Uwe Semmelmann, *Unit Killing Vector Fields on Nearly Kähler Manifolds*, Intern. J.Math. **16** (2005), no. 3, 281–301.
33. Simon G. Chiossi, Anna Fino, *Conformally parallel G₂ structures on a class of solvmanifolds*, Math. Z., **252**(2006), no. 4, 825–848; rXiv:math/0409137.
34. Frederik Witt *Generalised G₂-manifolds*, Commun.Math.Phys. **265** (2006) 275-303.
35. Gurrieri, Sebastien, *N=2 and N=4 supergravities as compactifications from string theories in 10 dimensions*, Ph.D Theses de l'Université de la Méditerranée, hep-th/0408044.
36. Frederik Witt, *Special metric structures and closed forms*, DPhil Thesis, University of Oxford, 2004, math.DG/0502443.
37. Misha Verbitsky, *An intrinsic volume functional on almost complex 6-manifolds and nearly Kaehler geometry*, Pacific J.Math. **235** (2008), no. 2, 323–344. math.DG/0507179.
38. Claus Jeschek, Frederik Witt, *Generalised geometries, constrained critical points and Ramond-Ramond fields*, math.DG/0510131.
39. Grana, Mariana, *Flux compactifications in string theory: a comprehensive review*, Phys. Rept. **423** (2006),91-158, hep-th/0509003.
40. U.Gran, P.Lohrmann, G.Papadopoulos, *The spinorial geometry of supersymmetric heterotic string backgrounds*, JHEP0602 (2006) 063, hep-th/0510176.
41. U. Gran, P. Lohrmann, G. Papadopoulos, *Geometry of type II common sector N=2 backgrounds*, JHEP 0606 (2006) 049, hep-th/0602250.
42. Gray, James; Hackett-Jones, Emily, *On T-folds, G-structures and Supersymmetry*, JHEP 0605 (2006) 071, hep-th/0506092.
43. Howe, P. S.; Lindstrom, U.; Stojevic, V., *Special holonomy sigma models with boundaries*, JHEP 0601 (2006) 159, hep-th/0507035.
44. Simon G. Chiossi, Anna Fino, *Special metrics in G₂ geometry*, Rev. Un. Mat. Argentina 47 (2006), no. 1, 35-49(2007), math.DG/0510087.
45. I. Agricola, S. Chiossi, A. Fino, *Solvmanifolds with integrable and non-integrable G₂ structures*, Differential Geom. Appl. 25 (2007), no. 2, 125-135.
46. Misha Verbitsky, *Hodge theory on nearly Kaehler manifolds*, Geometry & Topology 15 (2011) 2111-2133 DOI: 10.2140/gt.2011.15.2111.
47. Stojevic, Vid, *Special Holonomy and Two-Dimensional Supersymmetric Sigma-Models*, Ph.D., PhD thesis, 149 pages; King's College London, 2006, arXiv.org:hep-th/0611255.

48. Mario Kassuba, *Der erste Eigenwert des Operators $D^{\frac{1}{3}}$ einer kompakten Sasaki-Mannigfaltigkeit*, Diplomarbeit, Eingereicht an der Humboldt-Universität zu Berlin Mathematisch-Naturwissenschaftliche Fakultät II Institut für Mathematik am 26. Oktober 2006. available at <http://ems.math.uni-bonn.de/people/kassuba/pubtalks/bb-diplom.pdf>
49. V. Cortés, L. Schäfer, *Flat nearly Kähler manifolds*, Ann. Glob. Anal. Geom. **32** (2007), 379-389.
50. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5-84.
51. Fish, Daniel, *Connections on Metriplectic Manifolds*, math.DG/0605247.
52. Knauf, Anke, *Geometric Transitions on non-Kähler Manifolds*, Fort. Phys. **55** (2007) 5-107, hep-th/0605283.
53. Iman Benmachiche, *Heterotic and type II orientifold compactifications on $SU(3)$ structure manifolds*, Dissertation zur Erlangung des Doktorgrades des Departments für Physik der Universität Hamburg, 2006.
54. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
55. Frank Klinker, *The torsion of spinor connections and related structures*, SIGMA 2 (2006), 077, 28 pages;
56. Albuquerque, R.; Salavessa, I. M. C., *The G_2 sphere over a 4-manifold*, Monatshefte für Mathematik **158** (4) (2009), pp. 335-348.
57. Frederik Witt, *Metric bundles of split signature and type II supergravity*, In: H. Baum, D. Alekseevsky (ed.), Recent Developments in Pseudo-Riemannian Geometry pp. 455-494, EMS 2008.
58. Lucio Bedulli, Luigi Vezzoni, *The Ricci tensor of $SU(3)$ -manifolds*, J. Geom. Phys. **57** (2007),n. 4, 1125–1146,
59. Andrei Moroianu, Liviu Ornea, *Conformally Einstein Products and Nearly Kähler Manifolds*, Ann. Glob. Anal. Geom. **33** (2008), 11-18.
60. Ruxandra Moraru, Misha Verbitsky, *Stable bundles on hypercomplex surfaces*, Cent. Eur. J. Math. 8 (2010), no. 2, 327–337.
61. Keshav Dasgupta, Marc Grisar, Rhiannon Gwyn, Sheldon Katz, Anke Knauf, Radu Tatar, *Gauge-Gravity Dualities, Dipoles and New Non-Kähler Manifolds*, Nucl.Phys. **B755** (2006) 21-78, hep-th/0605201.
62. Keshav Dasgupta, Marc Grisar, Rhiannon Gwyn, Sheldon Katz, Anke Knauf, Radu Tatar, *Gauge-Gravity Dualities, Dipoles and New Non-Kähler Manifolds*, Nucl.Phys. **B755** (2006) 21-78, hep-th/0605201.
63. Keshav Dasgupta, Josh Guffin, Rhiannon Gwyn, Sheldon Katz, *Dipole-Deformed Bound States and Heterotic Kodaira Surfaces*, Nuclear Physics B **769** 1 (2007), hep-th/0610001.
64. Zamkovoy, Simeon *Geometry of paraquaternionic Kähler manifolds with torsion*, J. Geom. Phys. **57** (2006), 69–87.
65. I. Agricola, Old and new on the exceptional group G_2 , Notices Amer. Math. Soc. 55, 922-929. Also available at <http://www.ams.org/notices/200808/>.
66. Niels Bernhardt, Paul-Andi Nagy, *On algebraic torsion forms and their spin holonomy algebras*, J. Lie Theory **17**(2007), no. 2, 357–377.
67. Bonan, Edmond, *Connexions pour les variétés riemanniennes avec une structure de type G_2 ou $Spin(7)$ [Connections for Riemannian manifolds with structure group G_2 or $Spin(7)$]*, C. R. Math. Acad. Sci. Paris **343** (2006), no. 11-12, 755–758.
68. U. Gran, G. Papadopoulos, D. Roest, P. Sloane, *Geometry of all supersymmetric type I backgrounds*, JHEP 08 (2007)074, arXiv:hep-th/0703143.
69. Lars Schäfer, Fabian Schulte-Hengesbach, *Nearly pseudo-Kähler and nearly para-Kähler six-manifolds*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 425-453.
70. Sebastian Stock, *Gauge Deformations and Embedding Theorems for Special Geometries*, arXiv:0909.5549.
71. Christof Puhle, *The Killing spinor equation with higher order potentials*, J. Geom. Phys. **58** (2008), 1355-1375.

72. Simeon Zamkovoy, *Canonical connections on paracontact manifolds*, Ann. Global Anal. Geom. **36**, No. 1, 37-60(2009)
73. R. Albuquerque, *Gwistor spaces*, Herdeiro, Carlos (ed.) et al., XIX international fall workshop on geometry and physics, Porto, Portugal, September 6-9, 2010. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0918-7/pbk). AIP Conference Proceedings 1360, 77-81 (2011).
74. L. Schäfer, *tt^* -geometry and related pluriharmonic maps*, Proceedings of the International Conference "Differential Geometry—Dynamical Systems" (DGDS-2007), 197–210, BSG Proc.,15, Geom. Balkan Press, Bucharest, 2008.
75. L. Schäfer, *tt^* -geometry and pluriharmonic maps*, Ph.D Thesis, University Henri Poincare and University of Bonn, 2006, available at
<http://www.diffgeo.uni-hannover.de/schaefer/download/DR.pdf> or at
<http://tel.archives-ouvertes.fr/docs/00/14/32/77/PDF/DR.pdf>
76. Christof Puhle, *Spinorielle Feldgleichungen in Supergravitationstheorien mit Flüssen*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht an der Mathematisch-Naturwissenschaftlichen Fakultät, available at
http://www.math.hu-berlin.de/puhle/publications_files/PhD-Thesis.pdf
77. T. B. Madsen, *Torsion geometry and scalar functions*, University of Southern Denmark, qualifying report, August 2009.
<http://home.imf.au.dk/tbmadsen/DMF-2009-11-003-v1.pdf>
78. U. Gran, G. Papadopoulos, D. Roest, *Supersymmetric heterotic string backgrounds*, Phys.Lett.B656:119–126,2007; arXiv:0706.4407.
79. Paul-Andi Nagy, *Connexions with totally skew-symmetric torsion and nearly-Kähler geometry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 347-398.
80. Fabian Schulte-Hengesbach, *Half-flat structures on Lie groups*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, 2010, available at
<http://www.math.uni-hamburg.de/home/schulte-hengesbach/diss.pdf>
81. Paul-Andi Nagy, *Prolongations of Lie algebras and applications*, J. Lie Theory, Volume 23, Issue 1, 2013, Pages 1-33.
82. Frank Klinker, *SUSY structures on deformed supermanifolds*, Differential Geom. Appl. **26** (2008), no. 5, 566–582.
83. Klinker, Frank *The decomposition of the spinor bundle of Grassmann manifolds*, In Physics. J. Math. Phys. 48 113511(2007), arXiv.org:0710.3245.
84. Chiossi, Simon G., Fino, Anna, *Nearly integrable $SO(3)$ structures on 5-dimensional Liegroups*, J. Lie Theory **17** (2007), no. 3, 539–562.
85. Capelletti Montano, *3-structures with torsion*, Differ. Geom. Appl. 27, No. 4, 496-506 (2009).
86. Antonio J. Di Scala, Luigi Vezzoni, *Quasi-Kähler manifolds with trivial Chern Holonomy*, Math. Z. 271, No. 1-2, 95-108 (2012).
87. Christof Puhle, *Spin(7)-manifolds with parallel torsion form*, Comm. Math. Phys. **291** (2009), 303-320.
88. Rui Albuquerque, *On the G_2 bundle of a Riemannian 4-manifold*, Journal of Geometry and Physics, Volume 60, Issue 6-8, p. 924-939; arXiv:0808.1714.
89. Jan Gutt, *Special Riemannian geometries and the Magic Square of Lie algebras*, 101 pages, a revised version of M.Sc. thesis presented at Warsaw University, arXiv:0810.2138.
90. Frederic Witt, *Gauge theory in dimension 7*, de Andre's, Luis Carlos (ed.) et al., Special metrics and supersymmetry. Lectures given in the workshop on geometry and physics: special metrics and supersymmetry, Bilbao, Spain, 29-31 May 2008. American Institute of Physics (AIP) (ISBN 978-0-7354-0626-1/pbk). AIP Conference Proceedings 1093, 180-195 (2009).
91. Hiroshi Kunitomo, Mitsuhsa Ohta, *Supersymmetric AdS_3 solutions in Heterotic Supergravity*, Prog. Theor. Phys. 122:631-657,2009, arXiv:0902.0655[hep-th].
92. Lars Schäfer, Knut Smoczyk, *Decomposition and minimality of Lagrangian submanifolds in nearly Kähler manifolds*, Ann. Global Anal. Geom. **37** (2010), no. 3,221-240.

93. Mancho Manev, *A connection with totally skew-symmetric torsion on almost contact manifolds with B-metric*, arXiv:1001.3800.
94. Fabio Podesta', Andrea Spiro, *Six-dimensional nearly Kaehler manifolds of cohomogeneity one*, J. Geom. Phys. 60, No. 2, 156-164 (2010).
95. Kim, E.C., *Dirac eigenvalues estimates in terms of divergencefree symmetric tensors*, Bulletin of the Korean Mathematical Society **46** (5) (2009), pp. 949-966.
96. Raquel Villacampa, *Special metrix on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
97. Mancho Manev, Dimitar Mekerov, Kostadin Gribachev, *Natural Connections with Totally Skew-Symmetric Torsion on Manifolds with Norden-type Metrics*, Proc. Ann. Intern. Conference, 10-12 December, 2010 Plovdiv, Bulgaria (REMI 2010), pp. 55-67.
98. Lars Schf̈er, *On the structure of nearly pseudo-Kaehler manifolds*, Monatshefte f"ur Mathematik **163** (2011), no. 3, 339-371.
99. Enrico Goi, *Aspects of supersymmetry breaking type IIA string theory: vacua and deformations*, These de doctorat Specialite: Physique Theorique, UNIVERSITE PARIS DIDEROT (PARIS 7), September 2011. <http://ipht.cea.fr/Docsphd/articles/t11/227/public/these-goi.pdf>
100. George Papadopoulos, *Heterotic supersymmetric backgrounds with compact holonomy revisited*, Class.Quant.Grav.27:125008,2010,;
101. Antonio J. Di Scala, Luigi Vezzoni, *Chern-flat and Ricci-flat invariant almost Hermitian structures*, Ann. Glob. Anal. Geom. **40** (2011), 21-45.
102. Marisa Fernandez, Anna Fino, Luis Ugarte, Raquel Villacampa, *Strong Kaehler with torsion structures from almost contact manifolds*, to appear in Pacific Journal of Mathematics; arXiv:0909.3946
103. Mancho Manev, Kostadin Gribachev, *A connection with parallel totally skew-symmetric torsion on a class of almost hypercomplex manifolds with Hermitian and anti-Hermitian metrics*, Int. J. Geom. Methods Mod. Phys., 8, No. 1 (2011), 115-131.
104. Rui Albuquerque, *Variations of twistor space*, arXiv:1107.5358.
105. Luis Ugarte, Raquel Villacampa, *Non-nilpotent complex geometry of nilmanifolds and heterotic supersymmetry*, Asian J. Math. Volume 18, Number 2 (2014), 229-246. arXiv:0912.5110.
106. Mancho Manev, Dimitar Mekerov, Kostadin Gribachev, *On the Geometry of Connections with Totally Skew-Symmetric Torsion on Manifolds with Additional Tensor and Indefinite metric*, Differential Geom. Appl. **29** (2011), S141-S148.
107. Dimitar Mekerov, Mancho Manev, *Natural Connection with Totally Skew-Symmetric Torsion on Riemannian Almost Product Manifolds*, International Journal of Geometric Methods in Modern Physics, Vol. 9, No. 1 (2012) 1250003.
108. Stromenger, Christian, *Sasakian Manifolds: Differential Forms, Curvature and Conformal Killing Forms* (2010), PhD thesis, Universitat zu Koln; <http://kups.ub.uni-koeln.de/3275/>
109. Christof Puhle, *Riemannian manifolds with structure group $PSU(3)$* , J. Lond. Math. Soc., II. Ser. 85, No. 1, 79-100 (2012).
110. Calvaruso, G., *Homogeneous contact metric structures on five-dimensional generalized symmetric spaces*, Publ. Math. Debrecen In Print: Ref. no.: 5244 (2012), 1-24.
111. Andrea Spiro, Fabio Podesta', *Six-dimensional nearly Kaehler manifolds of cohomogeneity one (II)*, Comm. Math. Phys. 312 (2012), no. 2, 477-500.
112. P.S. Howe, George Papadopoulos, Vid Stojevic, *Covariantly constant forms on torsionful geometries from world-sheet and spacetime perspectives*, JHEP, Volume 2010, Number 9, 1-33; arXiv:1004.2824.
113. Karl-Philip Gemmer, Olaf Lechtenfeld, Christoph Nolle, Alexander D. Popov, *Yang-Mills instantons on cones and sine-cones over nearly Kaehler manifolds*, arXiv:1108.3951.
114. U. Gran, J. Gutowski, G. Papadopoulos, *IIB black hole horizons with five-form flux and KT geometry*, JHEP 1105:050,2011 arXiv:1101.1247.
115. Bogdan Alexandrov, Uwe Semmelmann, *Deformations of nearly parallel G_2 -structures*, arXiv:1101.2143.
116. Hwajeong Kim, *The characteristic connection on 6-dimensional almost hermitian manifolds*, Journal of the Chungcheong Mathematical Society, Volume 24, No. 4, December 2011.

117. Rui Albuquerque, *On the characteristic connection of twistor space*, Cent. Eur. J. Math. 11(1), 2013, 149-160, arXiv:1107.5357.
118. O. P. Santillan, *Killing-Yano tensors and some applications*, Journal of Mathematical Physics 53 (2012) 043509, arXiv:1108.0149.
119. Christof Puhle, *Almost contact metric 5-manifolds and connections with torsion*, Diff. Geom. Appl. **30** (1)(2012), 85-106;
120. Selman Uguz, *Lee form and special warped-like product manifolds with locally conformally parallel Spin(7) structures*, Ann. Glob. Anal. Geom. Volume 43, Issue 2, 2013, Pages 123-141.
121. Derek Harland, Christoph Nölle, *Instantons and Killing spinors*, Journal of High Energy Physics 2012 (3) , art. no. 082.
122. G. Papadopoulos, *Killing-Yano equations with torsion, world line actions and G-structures*, arXiv:1111.6744 [hep-th].
123. Idrisse Khemar, **Elliptic Integrable Systems: a Comprehensive Geometric Interpretation**, Memoirs of the AMS, Volume 219, Number 1031, September 2012. (arXiv:0904.1412).
124. Christoph Stadtmüller, *Adapted connections on metric contact manifolds*, J. Geom. Phys **62** (2012), pp. 2170-2187.
125. Tsuyoshi Houri, David Kubiznak, Claude M. Warnick, Yukinori Yasui, *Local metrics admitting a principal Killing-Yano tensor with torsion*, Classical and Quantum Gravity, Volume 29, Issue 16, pp. 165001 (2012), arXiv:1203.0393
126. Tsuyoshi Houri, Hiroshi Takeuchi, Yukinori Yasui, *A Deformation of Sasakian Structure in the Presence of Torsion and Supergravity Solutions*, Class. Quant. Grav. 30:135008,2013, arXiv:1207.0247.
127. Karigiannis, S., McKay, B., Tsui, M.-P., *Soliton solutions for the Laplacian co-flow of some G 2-structures with symmetry*, Differential Geometry and its Application, Volume 30, Issue 4, August 2012, Pages 318-333.
128. Diego Conti, Thomas Bruun Madsen, *The odd side of torsion geometry*, Annali di Matematica Pura ed Applicata (1923 -) August 2014, Volume 193, Issue 4, pp 1041-1067.
129. Christof Puhle, *On generalized quasi-Sasaki manifolds*, Diff. Geom. Appl. Volume 31, Issue 2, April 2013, Pages 217-229.
130. Ilka Agricola, Julia Becker-Bender, Hwajeong Kim, *Twistorial eigenvalue estimates for generalized Dirac operators with torsion*, Advances in Mathematics **243**, (2013), pp. 296-329.
131. Vezzoni, Luigi, *On the canonical Hermitian connection in nearly Kähler manifolds*, Kodai Math. J. **32** (2009), no. 3, 420-431.
132. Ilka Agricola, Ana Cristina Ferreira. *Einstein manifolds with skew torsion*, arXiv:1209.5886.
133. C. Nölle, *Instantons, five-branes and fractional strings*, arXiv:1207.7268.
134. Marco Freibert, *Cocalibrated G₂-structures on products of four- and three-dimensional Lie groups*, Diff. Geom. Appl. **31** (3) 2013, pp. 349-373.
135. Brian P. Dolan, Richard J. Szabo, *Solitons and Yukawa Couplings in Nearly Kahler Flux Compactifications*, PHYSICAL REVIEW D 88, 066002 (2013); arXiv:1208.1006.
136. Idrisse Khemar, *Sigma models with a Wess-Zumino term in twistor spaces*, hal-00767001, version 1; <http://hal.archives-ouvertes.fr/hal-00767001>
137. Calvaruso, Giovanni; Fino, Anna, *Five-dimensional K-contact Lie algebras*, Monatsh. Math. **167** (2012), no. 1, 35-59.
138. Mancho Manev, Miroslava Ivanova, *Canonical-type connection on almost contact manifolds with B-metric*, Ann. Glob. Anal. Geom. (2012); arXiv:1203.0137.
139. A. Fino, A. Raffero, *Einstein locally conformal calibrated G₂ structures*, Mathematische Zeitschrift, August 2015, Volume 280, Issue 3, pp 1093-1106.
140. Mancho Manev, Miroslava Ivanova, *A classification of the torsion tensors on almost contact manifolds with B-metric*, Central European Journal of Mathematics, October 2014, Volume 12, Issue 10, pp 1416-1432; arXiv:1105.5715.
141. Carolina Ray, *Variedades aproximadamente Kähler*, advisor I.Dotti, Cordoba 2013; available at: <http://www2.famaf.unc.edu.ar/institucional/biblioteca/trabajos/601/16832.pdf>

142. Marco Freibert, *Geometric structures on Lie algebras and the Hitchin flow*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, Hamburg 2013.
143. Selman Uguz, *Conformally parallel Spin (7) structures on solvmanifolds*, Turk. J. Math. (2014) 38: 166-178.
144. Julia Becker-Bender, *Dirac-Operatoren und Killing-Spinoren mit Torsion*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht am Fachbereich Mathematik und Informatik (FB 12) der Philipps-Universität Marburg, 2013, available at <http://archiv.ub.uni-marburg.de/diss/z2013/0049/pdf/djb.pdf>
145. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
146. Takeuchi, Hiroshi, *Sasakian Exact Solutions for Spinning Black Holes in Superstring Inspired Gravities*, Thesis of Dissertation, Kyoto University, March, 2013, available at: <http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/179367/2/drigrk03893.pdf>
147. Ilka Agricola, Jos Höll, *Cones of G manifolds and Killing spinors with skew torsion*, Ann. Mat. Pura Appl., Volume 194, Issue 3 (2015), pp 673-718, <https://doi.org/10.1007/s10231-013-0393-z>
148. Georges Habib, Luigi Vezzoni, *Some remarks on Calabi-Yau and hyper-Kähler foliations*, Differential Geom. Appl. **41** (2015), 12-32.
149. Sebastian Stock, *Evolution of Geometries with torsion*, Inaugural-Dissertation zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Universität zu Köln, available at: <http://www.igt.uni-stuttgart.de/LstGeo/Semmelmann/Diplomarbeiten/stock-diss.pdf>
150. Ilka Agricola and Hwajeong Kim, *A note on generalized Dirac eigenvalues for split holonomy and torsion*, arXiv:1311.0887, to appear in Bull. Korean Math.Soc.
151. Lars Schäfer, *Conical Ricci-flat nearly para-Kähler manifolds*, Annals of Global Analysis and Geometry, June 2013.
152. Rui Albuquerque, *Self-duality and associated parallel or cocalibrated G₂ structures* arXiv:1401.7314.
153. Selman Uguz, Ibrahim Unal, *Fiber structures of special (4 + 3 + 1) warped-like manifolds with Spin(7) holonomy*, preprint 2013.
154. G.Dileo, A. Lotta, *Riemannian almost CR manifolds with torsion*, Illinois J. Math. **58** (2014), no. 3, 807-846.
155. Xenia de la Ossa, Eirik E. Svanes, *Holomorphic Bundles and the Moduli Space of N=1 Heterotic Compactifications*, arXiv:1402.1725 [hep-th].
156. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
157. Ioannis Chrysikos, *Invariant connections with skew-torsion and ∇ -Einstein naturally reductive manifolds*, Journal of Lie Theory Volume 26 (2016) 11-48.
158. Severin Bunk, Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, *Instantons on conical half-flat 6-manifolds*, Journal of High Energy Physics January 2015, 2015:30, arXiv:1409.0030.
159. Beniamino Cappelletti-Montano, Giulia Dileo, *Nearly Sasakian geometry and SU(2)-structures*, Ann. Mat. Pura Appl. DOI:10.1007/s10231-015-0496-9.
160. Kazuki Hinoue, Yukinori Yasui, *Heterotic Solutions with G₂ and Spin(7) Structures*, JP Journal of Geometry and Topology 17.1 (Feb 2015): 17-48.
161. Elena Mirela Babalic, Calin Iuliu Lazaroiu, *Foliated eight-manifolds for M-theory compactification*, JHEP01(2015)140; arXiv:1411.3148[hep-th].
162. Eirik Eik Svanes, *Moduli in General SU(3)-Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.
163. I. Agricola, A. Ferreira, R. Storm, *Quaternionic Heisenberg groups as naturally reductive homogeneous spaces*, to appear in Int. J. Geom. Methods Modern Phys (IJGMMP), arXiv:1503.08350.

164. Hwajeong Kim, *A family of characteristic connections* JOURNAL OF THE CHUNGCHONG MATHEMATICAL SOCIETY Volume 26 , No. 4, November 2013. [22]
<http://dx.doi.org/10.14403/jcms.2013.26.4.843>
165. Mehmed Akyol, *Six Dimensional Supergravity, Spinorial Geometry and (1,0)-Superconformal Theories*, Thesis submitted for the degree of Doctor of Philosophy King's College London University of London, 2012.
166. Severin Bunk, *Heterotic Flux Compactifications with Sasakian Manifolds*, Master Thesis in Institut für Theoretische Physik Gottfried Wilhelm Leibniz Universität Hannover, 2014.
 available at <https://www.itp.uni-hannover.de/lechtenf/Theses/bunk.pdf>
167. F. Lubbe, L. Schäfer, *Pseudo-holomorphic curves in nearly Kähler manifolds*- Diff. Geom. Appl. **36** (2014), 24–43.
168. Anna Fino, Luigi Vezzoni, *Special Hermitian metrics on compact solvmanifolds*, Journal of Geometry and Physics Volume 91, May 2015, Pages 40–53, Conformal and Complex Geometry in Honour of Paul Gauduchon
169. Ulf Danielsson, Giuseppe Dibiteto, Adolfo Guarino, *KK-monopoles and G-structures in M-theory/type IIA reductions*, Journal of High Energy Physics, February 2015, 2015:96.
170. Lars Schäfer, *Integrability of generalized pluriharmonic maps*, manuscripta math. **146**, 473–493 (2015).
171. Cristina Draper, Antonio Garvun, Francisco J. Palomo, *Invariant affine connections on odd-dimensional spheres*, Annals of Global Analysis and Geometry, April 2016, Volume 49, Issue 3, pp 213–251. arXiv:1503.08401.
172. Anna Fino, Alberto Raffero, *Coupled SU(3)-structures and Supersymmetry*, Symmetry 2015, 7(2), 625–650; doi:10.3390/sym7020625.
173. Dileo, Giulia; Lotta, Antonio, *Some Einstein nilmanifolds with skew torsion arising in CR geometry*, Int. J. Geom. Methods Mod. Phys. **12** (2015), no. 8, 1560017, 6 pp
174. Teng Fei, *Stable Forms, Vector Cross Products and Their Applications in Geometry*, arXiv:1504.02807.
175. Ioannis Chrysikos, *Killing and twistor spinors with torsion*, Annals of Global Analysis and Geometry (2015), pp 1–37.
176. Ilka Agricola, Margarita Kraus, *Manifolds with vectorial torsion*, Differential Geometry and its Applications, Volume 45, April 2016, Pages 130–147.
177. Mancho Manev, *Associated Nijenhuis Tensors on Manifolds with Almost Hypercomplex Structures and Metrics of Hermitian-Norden Type*, Results in Mathematics, June 2017, Volume 71, Issue 3, pp 1327–1343, doi:10.1007/s00025-016-0624-x
178. Benoit Charbonneau, Derek Harland, *Deformations of nearly Kahler instantons*, Commun. Math. Phys. December 2016, Volume 348, Issue 3, pp 959–990, doi:10.1007/s00220-016-2675-y.
179. Carlos Batista, *Killing Spinors and Related Symmetries in Six Dimensions*, Phys. Rev. D 93, 065002 Published 2 March 2016.
180. F. Etayo, R. Santamaria, *Distinguished connections on $(J^2 = \pm 1)$ -metric manifolds*, Archivum Mathematicum (BRNO) Tomus 52 (2016), 159–203.
181. Ilka Agricola, Ana Cristina Ferreira, *Tangent Lie groups are Riemannian naturally reductive spaces*, arXiv:1603.06211; Advances in Applied Clifford Algebras, March 2016.
182. Hai Lin, *T^4 fibrations over Calabi-Yau two-folds and non-Kähler manifolds in string theory*, Nuclear Physics B, doi:10.1016/j.nuclphysb.2016.06.006 Available online 8 June 2016.
183. Mancho Manev, *Natural Connections with Totally Skew-Symmetric Torsion on Manifolds with Almost Contact 3-Structure and Metrics of Hermitian-Norden Type*, arXiv:1604.02039.
184. Alberto Raffero, *Non-integrable special geometric structures in dimensions six and seven*, Ph.D Thesis, Università degli Studi di Torino, Dipartimento di Matematica Scuola di Dottorato in Scienze della Natura e Tecnologie Innovative Ciclo XXVIII, March 2016, Tutor: Prof. Anna Fino, Coordinatore del Dottorato: Prof. Ezio Venturino, Anni Accademici: 2013-2015 Settore Scienti co-disciplinare di afferenza: MAT/03. [https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero thesis.pdf](https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero%20thesis.pdf)
185. R. Storm, *A new construction of naturally reductive spaces*, arXiv:1605.00432.
186. Ulf Gran, George Papadopoulos, Christian von Schultz, *Supersymmetric geometries of IIA supergravity III*, Journal of High Energy Physics 2016(6) 6 February 2016 DOI: 10.1007/JHEP06(2016)045.

187. Peter B Gilkey, *The moduli space of Type A surfaces with torsion and non-singular symmetric Ricci tensor*, Journal of Geometry and Physics Volume 110, December 2016, Pages 691-77.
188. Peter Gilkey, JeongHyeong Park, *Moduli spaces of oriented Type A manifolds of dimension at least 3*, J. Korean Math. Soc. 54 (2017), no. 6, 1759-1786.
189. Ioannis Chrysikos, Christian O'Cadiz Gustad, Henrik Winther, *Invariant connections and ∇ -Einstein structures on isotropy irreducible spaces* arXiv:1607.06774.
190. Vicente Munoz, Carlos S. Shahbazi, *Construction of the moduli space of Spin (7)-instantons*, arXiv:1611.04127.
191. Mario Garcia-Fernandez, *Ricci flow, Killing spinors, and T-duality in generalized geometry*, arXiv:1611.08926.
192. Bang-Yen Chen, **Differential Geometry of Warped Product Manifolds and Submanifolds**, January 2017, Publisher: World Scientific, ISBN: 978-981-3208-92-6
193. Nulifer OZDEMIR, Sirin AKAY, *Integrable G2 Structures on 7-dimensional 3-Sasakian Manifolds*, Suleyman Demirel Universitet Journal of Natural and Applied Sciences, Volume 21, Issue 1, 254-260, 2017, DOI: <http://dx.doi.org/10.19113/sdufbed.54977>.
194. Ioannis Chrysikos, *A new 1/2-Ricci type formula on the spinor bundle and applications*, arXiv:1703.04121.
195. Ilka Agricola and Giulia Dileo, *New classes of almost 3-contact metric manifolds and their remarkable connections* Preprint, April 17, 2017.
196. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *The infinitesimal moduli space of heterotic G2 systems*, Communications in Mathematical Physics \surd April 2017 DOI: 10.1007/s00220-017-3013-8
197. Fernando Etayo, Rafael Santamaria, *The canonical involution in the space of connections of a $(J^2 = \pm 1)$ -metric manifold*, arXiv:1705.11135.
198. Inoguchi, J., Munteanu, M.I. & Nistor, A.I., *Magnetic curves in quasi-Sasakian 3-manifolds* Anal. Math. Phys. (2017), 1-19. doi:10.1007/s13324-017-0180-x
199. Mancho Manev, *On Geometry of Manifolds with Some Tensor Structures and Metrics of Norden Type*, arXiv:1706.05505.
200. Christoph Martin Stadtmüller, *Horizontal Dirac Operators in CR Geometry*, PH.D. Thesis, Humboldt University Berlin, July 2017.
<https://edoc.hu-berlin.de/bitstream/handle/18452/18801/stadtmueller.pdf?sequence=1&isAllowed=y>
201. Lars Schäher, **Nearly Pseudo-Kähler Manifolds and Related Special Holonomies**, Lecture Notes in Mathematics, Volume 2201, 2017; DOI 10.1007/978-3-319-65807-0
202. N. Heidari, N.H.P. Kashani, B. Najafi, *Nearly Kaehler and Nearly Kenmotsu Manifolds*, Turkish Journal of Mathematics 42 (3) 2018, DOI: 10.3906/mat-1703-11
203. Niall T. Macpherson, Jesus Montero, Daniel Prins, *Mink₃ \times S³ solutions of type II supergravity*, Nucl. Phys. B **933** (2018), 185-233.
204. Cristina Draper, Miguel Ortega, Francisco J. Palomo, *Affine Connections on 3-Sasakian Homogeneous Manifolds*, arXiv:1801.10526.
205. Lucia Martin-Merchan, *Spinorial classification of Spin(7) structures*, arXiv:1803.08734.
206. Ilka Agricola, Giulia Dileo, *Generalizations of 3-Sasakian manifolds and skew torsion*, arXiv:1804.06700.
207. Fernando Etayo, Araceli deFrancisco, Rafael Santamaria *The Chern Connection of a $(J^2 = \pm 1)$ -Metric Manifold of Class \mathcal{G}_1* August 2018, Mediterranean Journal of Mathematics 15(4), DOI: 10.1007/s00009-018-1207-8
208. Richard Cleyton, Andrei Moroianu, Uwe Semmelmann, *Metric connections with parallel skew-symmetric torsion*, arXiv:1807.00191.
209. F. Leitner, *Parallel spinors and basic holonomy on pseudo-Hermitian geometry*, Annals of Global Analysis and Geometry (2018), DOI: 10.1007/s10455-018-9622-4
210. U. Gran, J. Gutowski, G. Papadopoulos, *Classification, geometry and applications of supersymmetric backgrounds*, arXiv:1808.07879.
211. Xenia de la Ossa, Marc-Antoine Fiset, *\mathcal{G} -structure symmetries and anomalies in $(1, 0)$ non-linear σ -models*, arXiv:1809.01138.

212. Fontanals, C. D., Garvin, A., Palomo, F. J., *Einstein with skew-torsion connections on Berger spheres*, Journal of Geometry and Physics (2018), doi:10.1016/j.geomphys.2018.08.006.
213. Reinier Storm, *Structure theory of naturally reductive spaces*, arXiv:1810.02616.
- 29. "Almost contact manifolds, connections with torsion, and parallel spinors (with Th. Friedrich), J. reine angew.Math., 559 (2003), 217-236. IF - 0.719**
цитирания - 32.
1. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5–84.
 2. Mario Kassuba, *Der erste Eigenwert des Operators $D^{\frac{1}{3}}$ einer kompakten Sasaki-Mannigfaltigkeit*, Diplomarbeit, Eingereicht an der Humboldt-Universität zu Berlin Mathematisch-Naturwissenschaftliche Fakultät II Institut für Mathematik am 26. Oktober 2006. available at <http://ems.math.uni-bonn.de/people/kassuba/pubtalks/bb-diplom.pdf>
 3. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 4. Beniamino Cappelletti Montano, Antonio De Nicola, Giulia Dileo, *3-quasi-Sasakian manifolds*, Ann. Glob. Anal. Geom., **33** (2008), 397-409.
 5. Christof Puhle, *The Killing spinor equation with higher order potentials*, J. Geom. Phys. **58** (2008), 1355-1375.
 6. Beniamino Cappelletti Montano, Antonio De Nicola, Giulia Dileo, *A Note on 3-quasi-Sasakian Geometry*, Fernandes, Rui Loja (ed.) et al., Geometry and physics. XVI international fall workshop, Lisbon, Portugal, September 5-18, 2007. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0546-2/hbk). AIP Conference Proceedings 1023, 123-137 (2008). arXiv:0711.4749.
 7. Christof Puhle, *Spinorielle Feldgleichungen in Supergravitationstheorien mit Flüssen*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht an der Mathematisch-Naturwissenschaftlichen Fakultät, available at http://www.math.hu-berlin.de/puhle/publications_files/PhD-Thesis.pdf
 8. Beniamino Cappelletti Montano, Antonio De Nicola, Giulia Dileo, *The geometry of a 3-quasi-Sasakian manifold*, Intern.J. Math. 20 (2009), 1081-1105.
 9. Kim, E.C., *Dirac eigenvalues estimates in terms of divergence free symmetric tensors*, Bulletin of the Korean Mathematical Society **46** (5) (2009), pp. 949-966.
 10. Raquel Villacampa, *Special metrics on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
 11. Chand de, U., Mondal, A.K., *Quarter-symmetric metric connection on 3-dimensional quasi-sasakian manifolds*, SUT Journal of Mathematics **46** (1) (2010), pp. 35-52.
 12. Avijit Sarkar and Matilal Sen, *On invariant submanifolds of trans-Sasakian manifolds*, Proceedings of the Estonian Academy of Sciences, 2012, 61, 1, 29-37 doi: 10.3176/proc.2012.1.04 Available online at www.eap.ee/proceedings.
 13. Abul Kalam Mondal and Avik De, *Some Theorems on 3-dimensional Quasi-Sasakian Manifolds*, Tamsui Oxford Journal of Information and Mathematical Sciences 27(4) (2011) 411-427 Aletheia University.
 14. Mancho Manev, *Natural connection with totally skew-symmetric torsion on almost contact manifolds with B-metric*, Int. J. Geom. Methods Mod. Phys., vol. 9, no. 5 (2012), 1250044 (20 pages);
 15. Tsuyoshi Houri, Hiroshi Takeuchi, Yukinori Yasui, *A Deformation of Sasakian Structure in the Presence of Torsion and Supergravity Solutions*, Class. Quant. Grav. 30:135008,2013, arXiv:1207.0247.
 16. Diego Conti, Thomas Bruun Madsen, *The odd side of torsion geometry*, Annali di Matematica Pura ed Applicata (1923 -) August 2014, Volume 193, Issue 4, pp 1041-1067.
 17. Mancho Manev, Miroslava Ivanova, *Canonical-type connection on almost contact manifolds with B-metric*, Ann. Glob. Anal. Geom. (2012), arXiv:1203.0137.
 18. Ilka Agricola, Julia Becker-Bender, Hwajeong Kim, *Twistorial eigenvalue estimates for generalized Dirac operators with torsion*, Advances in Mathematics **243**, (2013), pp. 296-329.
 19. Christof Puhle, *On generalized quasi-Sasaki manifolds*, Diff. Geom. Appl. Volume 31, Issue 2, April 2013, Pages 217-229.

20. Julia Becker-Bender, *Dirac-Operatoren und Killing-Spinoren mit Torsion*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht am Fachbereich Mathematik und Informatik (FB 12) der Philipps-Universität Marburg, 2013. available at <http://archiv.ub.uni-marburg.de/diss/z2013/0049/pdf/djb.pdf>
21. Mancho Manev, Miroslava Ivanova, *A classification of the torsion tensors on almost contact manifolds with B-metric*, Central European Journal of Mathematics, October 2014, Volume 12, Issue 10, pp 1416-1432; arXiv:1105.5715.
22. Takeuchi, Hiroshi, *Sasakian Exact Solutions for Spinning Black Holes in Superstring Inspired Gravities*, Theses of Dissertation, Kyoto University, March, 2013, available at: <http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/179367/2/drigrk03893.pdf>
23. Ilka Agricola and Hwajeong Kim, *A note on generalized Dirac eigenvalues for split holonomy and torsion*, arXiv:1311.0887, to appear in Bull. Korean Math.Soc.
24. De, U.C., Mondal, A.K., *3-dimensional quasi-sasakian manifolds and Ricci solitons*, SUT Journal of Mathematics Volume 48, Issue 1, 2012, Pages 71-81.
25. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
26. Binh, T.Q., De, A., *On contact CR-warped product submanifolds of a quasi-Sasakian manifold*, Publicationes Mathematicae 84 (1-2), pp. 123-137.
27. Fino, Anna; Nurowski, Pawel, *Analog of selfduality in dimension nine*, J. Reine Angew. Math. **699** (2015), 67-110.
28. Peter B Gilkey, *The moduli space of Type A surfaces with torsion and non-singular symmetric Ricci tensor*, Journal of Geometry and Physics Volume 110, December 2016, Pages 69I177.
29. Peter Gilkey, JeongHyeong Park, *Moduli spaces of oriented Type A manifolds of dimension at least 3*, J. Korean Math. Soc. 54 (2017), no. 6, 1759-1786.
30. Ioannis Chrysikos, *A new 1/2-Ricci type formula on the spinor bundle and applications*, arXiv:1703.04121.
31. Mancho Manev, *On Geometry of Manifolds with Some Tensor Structures and Metrics of Norden Type*, arXiv:1706.05505.
32. Avijit Sarkar, Amit Sil, Avijit Kumar Paul, *Ricci Almost Solitons on Three-Dimensional Quasi-Sasakian Manifolds* August 2018, Proceedings of the National Academy of Sciences, India - Section A DOI: 10.1007/s40010-018-0504-8
- 30. "Connection with torsion, parallel spinors and geometry of Spin(7) manifolds Math. Res. Lett., 11 (2004), 171-186. IF - 0.716**
цитирования - 65.
1. Thomas Friedrich, *Spin(9)-structures and connections with totally skew-symmetric torsion*, Rend. Mat. Palermo, ser.II, Suppl. 71 (2003), 99-113.
 2. Jerome P. Gauntlett, Dario Martelli, Stathis Pakis, Daniel Waldram, *G-Structures and Wrapped NS5-Branes*, Commun. Math.Phys. **247** (2004), 421-445. hep-th/0205050.
 3. Richard Cleyton, Andrew Swann, *Einstein Metrics via Intrinsic or Parallel Torsion*, Math. Z. 247 (2004), no. 3,513-528.
 4. Jerome P. Gauntlett, Stathis Pakis, *The Geometry of D=11 Killing Spinors*, JHEP 0304 039 (2003).
 5. Th. Friedrich, *Spin(9)-structures and connections with totally skew-symmetric torsion*, Journal of Geometry and Physics 47 (2003) 197I206.
 6. Jerome P. Gauntlett, Dario Martelli, Daniel Waldram, *Superstrings with Intrinsic Torsion*, Phys. Rev. **D69**(2004) 086002.
 7. Jerome P. Gauntlett, *Branes, Calibrations and Supergravity*, hep-th/0305074.
 8. Jerome P. Gauntlett, Jan B. Gutowski, Stathis Pakis, *The Geometry of D=11 Null Killing Spinors*, JHEP 0312 (2003) 049.
 9. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS₅ solutions of M-theory*, Class. Quant. Grav. **21** (2004) 4335-4366, hep-th/0402153.

10. Smith, Douglas J., *Intersecting brane solutions in string and M-theory*, Classical and Quantum Gravity 20 (2003) R233.
11. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS Backgrounds in String and M-theory*, hep-th/0411194, to appear in the proceedings of the 73rd Meeting between Physicists and Mathematicians"(A)dS/CFT correspondence Strasbourg, September 11-13, 2003.
12. Frederik Witt *Generalised G_2 -manifolds*, Commun.Math.Phys. **265** (2006) 275-303.
13. Frederik Witt, *Special metric structures and closed forms*, DPhil Thesis, University of Oxford, 2004, math.DG/0502443.
14. Misha Verbitsky, *An intrinsic volume functional on almost complex 6-manifolds and nearly Kaehler geometry*, Pacific J.Math. **235** (2008), no. 2, 323–344. math.DG/0507179.
15. Gran, U.; Gutowski, J.; Papadopoulos, G., *The spinorial geometry of supersymmetric IIB backgrounds*, Class. Quant. Grav.**22** (2005) 2453-2492.
16. U.Gran, P.Lohrmann, G.Papadopoulos, *The spinorial geometry of supersymmetric heterotic string backgrounds*, JHEP0602 (2006) 063, hep-th/0510176.
17. U. Gran, P. Lohrmann, G. Papadopoulos, *Geometry of type II common sector $N=2$ backgrounds*, JHEP 0606 (2006) 049,hep-th/0602250.
18. Gray, James; Hackett-Jones, Emily, *On T-folds, G-structures and Supersymmetry*, JHEP 0605 (2006) 071,hep-th/0506092.
19. Howe, P. S.; Lindstrom, U.; Stojevic, V., *Special holonomy sigma models with boundaries*, JHEP 0601 (2006) 159,hep-th/0507035.
20. Stojevic, Vid, *Special Holonomy and Two-Dimensional Supersymmetric Sigma-Models*, Ph.D., PhD thesis, 149 pages; King's College London, 2006, arXiv.org:hep-th/0611255.
21. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5-84.
22. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
23. If Gran, George Papadopoulos, *Solution of heterotic Killing spinor equations and special geometry*, arXiv:0811.1539.
24. Frank Klinker, *The torsion of spinor connections and related structures*, SIGMA 2 (2006), 077, 28 pages..
25. Bernhardt, Niels, Nagy, Paul-Andi, *Spin holonomy algebras of self-dual 4-forms in \mathbb{R}^8* , J.Lie Theory [**17**]17 (2007), no. 4, 829–856.
26. Niels Bernhardt, Paul-Andi Nagy, *On algebraic torsion forms and their spin holonomy algebras*, J. Lie Theory **17**(2007), no. 2, 357–377.
27. U. Gran, G. Papadopoulos, D. Roest, P. Sloane, *Geometry of all supersymmetric type I backgrounds*, JHEP 08 (2007)074, arXiv:hep-th/0703143.
28. Spiro Karigiannis, *Flows of Spin(7)-structures*, Differential geometry and its applications, 263I[277, World Sci.Publ., Hackensack, NJ, 2008, arXiv:0709.4594.
29. Paul-Andi Nagy, *Prolongations of Lie algebras and applications*, J. Lie Theory, Volume 23, Issue 1, 2013, Pages 1-33.
30. Christof Puhle, *Spin(7)-manifolds with parallel torsion form*, Comm. Math. Phys. **291** (2009), 303-320.
31. Raquel Villacampa, *Special metric on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
32. J. Gutowski, G. Papadopoulos, *Heterotic Black Horizons*, Journal of High Energy Physics 2010 (7);arXiv:0912.3472.
33. Misha Verbitsky, *Hodge theory on nearly Kaehler manifolds*, Geometry & Topology 15 (2011), 2111-2133.
34. U. Gran, G. Papadopoulos, D. Roest, *Supersymmetric heterotic string backgrounds*, Phys.Lett.B656:119–126,2007; arXiv:0706.4407.
35. Selman Uguz, *Lee form and special warped-like product manifolds with locally conformally parallel Spin(7) structures*, Ann. Glob. Anal. Geom. Volume 43, Issue 2, 2013, Pages 123-141.

36. Christof Puhle, *Riemannian manifolds with structure group $PSU(3)$* , J. Lond. Math. Soc., II. Ser. 85, No. 1, 79-100 (2012).
37. P.S. Howe, George Papadopoulos, Vid Stojevic, *Covariantly constant forms on torsionful geometries from world-sheet and spacetime perspectives*, JHEP, Volume 2010, Number 9, 1-33; arXiv:1004.2824.
38. U. Gran, J. Gutowski, G. Papadopoulos, *IIB black hole horizons with five-form flux and KT geometry*, JHEP 1105:050,2011, arXiv:1101.1247.
39. Selman Uguz, *Conformally parallel Spin (7) structures on solvmanifolds*, Turk. J. Math. (2014) 38: 166-178.
40. Dario Martelli, James Sparks, *Non-Kähler heterotic rotations*, Adv. Theor. Math. Phys. 15 (2011) 131-174, arXiv:1010.4031.
41. G. Papadopoulos, *Killing-Yano equations with torsion, world line actions and G-structures*, arXiv:1111.6744 [hep-th].
42. Misha Verbitsky, *Pseudoholomorphic curves on nearly Kähler manifolds*, arXiv:1208.6321;
43. C. Nölle, *Instantons, five-branes and fractional strings*, arXiv:1207.7268.
44. Ilka Agricola, Jos Höll, *Cones of G manifolds and Killing spinors with skew torsion*, Ann. Mat. Pura Appl., Volume 194, Issue 3 (2015), pp 673-718, <https://doi.org/10.1007/s10231-013-0393-z>
45. Selman Uguz, Ibrahim Unal, *Fiber structures of special (4 + 3 + 1) warped-like manifolds with Spin(7) holonomy*, preprint.
46. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
47. Matthias Ohst, *Deformations of Compact Cayley Submanifolds with Boundary*, arXiv:1405.7886.
48. Kazuki Hinoue, Yukinori Yasui, *Heterotic Solutions with G_2 and Spin(7) Structures*, JP Journal of Geometry and Topology 17.1 (Feb 2015): 17-48.
49. Elena Mirela Babalic, Calin Iuliu Lazaroiu, *Singular foliations for M-theory compactification*, JHEP 03 (2015) 116; arXiv:1411.3497.
50. Matthias Ohst, *Deformations of Cayley submanifolds*, Ph.D Thesis 2015, University of Cambridge, Department of Pure Mathematics and Mathematical Statistics, Dissertation submitted for the degree of Doctor of Philosophy, September 2015.
<https://www.repository.cam.ac.uk/bitstream/handle/1810/254972/thesis.pdf?sequence=1&isAllowed=y>
51. A. Fontanella, J. B. Gutowski, G. Papadopoulos, *Anomaly Corrected Heterotic Horizons*, JHEP (2016), DOI:10.1007/JHEP10(2016)121,
52. Peter B Gilkey, *The moduli space of Type A surfaces with torsion and non-singular symmetric Ricci tensor*, Journal of Geometry and Physics Volume 110, December 2016, Pages 69-77.
53. Peter Gilkey, JeongHyeong Park, *Moduli spaces of oriented Type A manifolds of dimension at least 3*, J. Korean Math. Soc. 54 (2017), no. 6, 1759-1786.
54. Peter B Gilkey, *Moduli spaces of Type B surfaces with torsion*, J. Geometry, **108** (2017), 637-653.
55. Vicente Munoz, Carlos S. Shahbazi, *Construction of the moduli space of Spin (7)-instantons*, arXiv:1611.04127.
56. Ioannis Chrysikos, *A new 1/2-Ricci type formula on the spinor bundle and applications*, arXiv:1703.04121.
57. Teng Huang, *L^2 harmonic forms on complete special holonomy manifolds*, arXiv:1801.04443.
58. Lucia Martin-Merchan, *Spinorial classification of Spin(7) structures*, arXiv:1803.08734.
59. V. Manero, L. Ugarte, *Einstein warped G_2 and Spin (7) manifolds*, arXiv:1805.05858.
60. Richard Cleyton, Andrei Moroianu, Uwe Semmelmann, *Metric connections with parallel skew-symmetric torsion*, arXiv:1807.00191.
61. U. Gran, J. Gutowski, G. Papadopoulos, *Classification, geometry and applications of supersymmetric backgrounds*, arXiv:1808.07879.
62. Xenia de la Ossa, Marc-Antoine Fiset, *\mathcal{G} -structure symmetries and anomalies in (1, 0) non-linear σ -models*, arXiv:1809.01138.

63. Andrea Fontanella, *Black Horizons and Integrability in String Theory*, arXiv:1810.05434 [hep-th], Ph.D.Thesis, University of Surrey, 2018. <http://epubs.surrey.ac.uk/849271/1/PhDThesis.pdf>
64. Senay Bulut, Nedim Degirmenci, *Self-dual 2-forms in dimension 9 and generalized Seiberg-Witten equations*, Int. J. Geometry, Vol. 7 (2018), No. 2, 59-65.
65. Milos Z. Petrovic, Ljubica S. Velimirovic, *A New Type of Generalized Para-Kähler Spaces and Holomorphically Projective Transformations*, December 2018, DOI: 10.1007/s41980-018-0182-y
- 31. "Killing spinor equations in dimension 7 and geometry of integrable G_2 manifolds (with Th. Friedrich), J. Geom.Phys., 48 (2003), 1-11. IF - 1.105**
цитирования - 78.
1. Jerome P. Gauntlett, Dario Martelli, Stathis Pakis, Daniel Waldram, *G-Structures and Wrapped NS5-Branes*, Commun. Math.Phys. **247** (2004), 421-445. hep-th/0205050.
 2. Sebastien Gurrieri, Jan Louis, Andrei Micu, Daniel Waldram, *Mirror Symmetry in Generalized Calabi-Yau Compactifications*, Nucl.Phys. **B654** (2003) 61-113, hep-th/0211102.
 3. G. L. Cardoso, G. Curio, G. Dall'Agata, D. Lust, P.Manousselis, G. Zoupanos, *Non-Kaehler String Backgrounds and their Five Torsion Classes*, Nucl.Phys. **B652** (2003) 5-34, hep-th/0211118.
 4. Klaus Behrndt, Claus Jeschek, *Fluxes in M-theory on 7-manifolds and G structures*, JHEP 0304 (2003) 002, hep-th/0302047.
 5. Jerome P. Gauntlett, Stathis Pakis, *The Geometry of D=11 Killing Spinors*, JHEP 0304 039 (2003).
 6. Jerome P. Gauntlett, Dario Martelli, Daniel Waldram, *Superstrings with Intrinsic Torsion*, Phys. Rev. **D69**(2004) 086002.
 7. Dario Martelli, James Sparks, *G-Structures, Fluxes and Calibrations in M-Theory*, Phys. Rev. D (3) 68 (2003), no. 8, 085014, 19 pp.
 8. Robert Bryant, *Some remarks on G_2 -structures*, Proceedings of Gökova Geometry-Topology Conference 2005, 75–109, Gökova Geometry/Topology Conference (GGT), Gökova, math.DG/0305124.
 9. Jerome P. Gauntlett, Jan B. Gutowski, *All supersymmetric solutions of minimal gauged supergravity in five dimensions*, Phys.Rev. **D68** (2003) 105009, hep-th/0304064.
 10. Jerome P. Gauntlett, *Branes, Calibrations and Supergravity*, hep-th/0305074.
 11. Jerome P. Gauntlett, Jan B. Gutowski, Stathis Pakis, *The Geometry of D=11 Null Killing Spinors*, JHEP 0312 (2003) 049.
 12. K. Behrndt, C. Jeschek, *Fluxes in M-theory on 7-manifolds: G-structures and Superpotential*, Nucl.Phys. **B694** (2004), 99-114.
 13. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS_5 solutions of M-theory*, Class. Quant. Grav. **21** (2004) 4335-4366, hep-th/0402153.
 14. Melanie Becker, Keshav Dasgupta, Anke Knauf, Radu Tatar, *Geometric transitions, Flops and Non-Kähler manifolds:I*, Nucl.Phys. **B702**, (2004) 207-268.
 15. Smith, Douglas J., *Intersecting brane solutions in string and M-theory*, Classical and Quantum Gravity 20 (2003) R233.
 16. Simon Chiossi, Andrew Swann, *G_2 -structures with torsion from half-flat-integrable nil manifolds*, J. Geom. Phys. 54 (2005), no. 3, 262–285.
 17. Klaus Behrndt, Claus Jeschek, *Fluxes in M-theory on 7-manifolds: G_2 -, $SU(3)$ - and $SU(2)$ -structures*, contribution for the proceedings of: BW2003 Workshop, 29 Aug. - 02 Sept., 2003 Vrnjacka Banja, Serbia, hep-th/0406138.
 18. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS Backgrounds in String and M-theory*, hep-th/0411194, to appear in the proceedings of the 73rd Meeting between Physicists and Mathematicians "(A)dS/CFT correspondence Strasbourg, September 11-13, 2003.
 19. Ulf Gran, George Papadopoulos, *Solution of heterotic Killing spinor equations and special geometry*, arXiv:0811.1539.
 20. Frederik Witt *Generalised G_2 -manifolds*, Commun.Math.Phys. **265** (2006) 275-303.

21. Gurrieri, Sebastien, *N=2 and N=4 supergravities as compactifications from string theories in 10 dimensions*, Ph.D Thesis de l'Université de la Méditerranée, hep-th/0408044.
22. Frederik Witt, *Special metric structures and closed forms*, DPhil Thesis, University of Oxford, 2004, math.DG/0502443.
23. Gran, U.; Gutowski, J.; Papadopoulos, G., *The G₂ spinorial geometry of supersymmetric IIB backgrounds*, Classical Quantum Gravity **23** (2006), no. 1, 143–206, hep-th/0505074.
24. U.Gran, P.Lohrmann, G.Papadopoulos, *The spinorial geometry of supersymmetric heterotic string backgrounds*, JHEP0602 (2006) 063, hep-th/0510176.
25. U. Gran, P. Lohrmann, G. Papadopoulos, *Geometry of type II common sector N=2 backgrounds*, JHEP 0606 (2006) 049, hep-th/0602250.
26. Gray, James; Hackett-Jones, Emily, *On T-folds, G-structures and Supersymmetry*, JHEP 0605 (2006) 071, hep-th/0506092.
27. Howe, P. S.; Lindstrom, U.; Stojevic, V., *Special holonomy sigma models with boundaries*, JHEP 0601 (2006) 159, hep-th/0507035.
28. Stojevic, Vid, *Special Holonomy and Two-Dimensional Supersymmetric Sigma-Models*, Ph.D., PhD thesis, 149 pages; King's College London, 2006, arXiv.org:hep-th/0611255.
29. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl., 5–84, math.DG/0606705.
30. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
31. Albuquerque, R.; Salavessa, I. M. C., *The G₂ sphere over a 4-manifold*, Monatshefte für Mathematik **158** (4) (2009), pp. 335-348.
32. Keshav Dasgupta, Marc Grisaru, Rhiannon Gwyn, Sheldon Katz, Anke Knauf, Radu Tatar, *Gauge-Gravity Dualities, Dipoles and New Non-Kähler Manifolds*, Nucl.Phys. **B755** (2006) 21-78, hep-th/0605201.
33. U. Gran, G. Papadopoulos, D. Roest, P. Sloane, *Geometry of all supersymmetric type I backgrounds*, JHEP 08 (2007)074, arXiv:hep-th/0703143.
34. Christof Puhle, *Spinorielle Feldgleichungen in Supergravitationstheorien mit Flüssen*, Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) im Fach Mathematik eingereicht an der Mathematisch-Naturwissenschaftlichen Fakultät, available at http://www.math.hu-berlin.de/puhle/publications_files/PhD-Thesis.pdf
35. Christof Puhle, *Spin(7)-manifolds with parallel torsion form*, Comm. Math. Phys. **291** (2009), 303-320.
36. Rui Albuquerque, *On the G₂ bundle of a Riemannian 4-manifold*, Journal of Geometry and Physics, Volume 60, Issue 6-8, p. 924-939.
37. Hiroshi Kunitomo, Mitsuhsa Ohta, *Supersymmetric AdS₃ solutions in Heterotic Supergravity*, Prog. Theor. Phys. 122:631-657, 2009, arXiv:0902.0655[hep-th].
38. Raquel Villacampa, *Special metric on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
39. George Papadopoulos, *Heterotic supersymmetric backgrounds with compact holonomy revisited*, Class.Quant.Grav.27:125008,2010,; arXiv:0909.2870
40. J. Gutowski, G. Papadopoulos, *Heterotic Black Horizons*, Journal of High Energy Physics 2010 (7); arXiv:0912.3472.
41. Gaillard, Jerome; Martelli, Dario, *Fivebranes and resolved deformed G₂ manifolds*, JHEP 1105:109,2011, arXiv:1008.0640.
42. Andre Lukas, Cyril Matti, *G-structures and Domain Walls in Heterotic Theories*, JHEP 1101:151,2011, arXiv:1005.5302.
43. U. Gran, G. Papadopoulos, D. Roest, *Supersymmetric heterotic string backgrounds*, Phys.Lett.B656:119–126,2007; arXiv:0706.4407.
44. P.S. Howe, George Papadopoulos, Vid Stojevic, *Covariantly constant forms on torsionful geometries from world-sheet and spacetime perspectives*, JHEP, Volume 2010, Number 9, 1-33; arXiv:1004.2824.
45. U. Gran, J. Gutowski, G. Papadopoulos, *IIB black hole horizons with five-form flux and KT geometry*, JHEP 1105:050,2011, arXiv:1101.1247.

46. Selman Uguz, *Conformally parallel Spin (7) structures on solvmanifolds*, Turk. J. Math. (2014) 38: 166-178.
47. Rui Albuquerque, *On the characteristic connection of twistor space*, Cent. Eur. J. Math. 11(1), 2013, 149-160, arXiv:1107.5357.
48. Dario Martelli, James Sparks, *Non-Kähler heterotic rotations*, Adv. Theor. Math. Phys. 15 (2011) 131-174, arXiv:1010.4031.
49. Cyril Matti, *Generalized Compactification in Heterotic String Theory*, arXiv:1204.3247 (D.Phil. thesis, Lincoln College, University of Oxford).
50. C. Nölle, *Instantons, five-branes and fractional strings*, arXiv:1207.7268.
51. Michael Klaput, Andre Lukas, Cyril Matti, Eirik E. Svanes, *Moduli Stabilising in Heterotic Nearly Kähler Compactifications*, Journal of High Energy Physics 2013 (1) , art. no. 015.
52. A. Fino, A. Raffero, *Einstein locally conformal calibrated G_2 structures*, Mathematische Zeitschrift, August 2015, Volume 280, Issue 3, pp 1093-1106.
53. Ilka Agricola, Jos Höll, *Cones of G manifolds and Killing spinors with skew torsion*, Ann. Mat. Pura Appl., Volume 194, Issue 3 (2015), pp 673-718, <https://doi.org/10.1007/s10231-013-0393-z>
54. Rui Albuquerque, *Self-duality and associated parallel or cocalibrated G_2 structures* arXiv:1401.7314.
55. Selman Uguz, *Special Warped-Like Product Manifolds with (Weak) G_2 Holonomy*, Ukrainian Mathematical Journal, January 2014, Volume 65, Issue 8, pp 1257-1272.
56. Elena Mirela Babalic, Calin Iuliu Lazaroiu, *Foliated eight-manifolds for M-theory compactification*, JHEP01(2015)140; arXiv:1411.3148[hep-th].
57. Selman Uguz, Ibrahim Unal, *Fiber structures of special $(4 + 3 + 1)$ warped-like manifolds with Spin(7) holonomy*, preprint.
58. Marisa Fernández, Anna Fino, Alberto Raffero, *Locally conformal calibrated G_2 -manifolds*, Annali di Matematica Pura ed Applicata, October 2016, Volume 195, Issue 5, pp 1721-1736, doi:10.1007/s10231-015-0544-5. arXiv:1504.04508.
59. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *Exploring $SU(3)$ Structure Moduli Spaces with Integrable G_2 Structures*, Adv. Theor. Math. Physics, Volume 19 (2015) Number 4, 837-903.
60. Eirik Eik Svanes, *Moduli in General $SU(3)$ -Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.
61. Elena Mirela Babalic, Calin Iuliu Lazaroiu, *Foliated backgrounds for M-theory compactifications (I)*, arXiv:1503.00373; Conference proceedings, TIM 14 Physics Conference, 20-22 November 2014, Timisoara, Romania.
62. S.W. Beck, J.B. Gutowski, G. Papadopoulos, *Geometry and supersymmetry of heterotic warped flux AdS backgrounds*, arXiv:1505.01693.
63. Teng Fei, *Stable Forms, Vector Cross Products and Their Applications in Geometry*, arXiv:1504.02807.
64. Hai Lin, *T^4 fibrations over Calabi-Yau two-folds and non-Kähler manifolds in string theory*, Nuclear Physics B, doi:10.1016/j.nuclphysb.2016.06.006 Available online 8 June 2016.
65. Alberto Raffero, *Non-integrable special geometric structures in dimensions six and seven*, Ph.D Thesis, Università degli Studi di Torino, Dipartimento di Matematica Scuola di Dottorato in Scienze della Natura e Tecnologie Innovative Ciclo XXVIII, March 2016, Tutor: Prof. Anna Fino, Coordinatore del Dottorato: Prof. Ezio Venturino, Anni Accademici: 2013-2015 Settore Scientifico disciplinare di afferenza: MAT/03. [https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero thesis.pdf](https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero%20thesis.pdf)
66. A. Fontanella, J. B. Gutowski, G. Papadopoulos, *Anomaly Corrected Heterotic Horizons*, JHEP (2016), DOI:10.1007/JHEP10(2016)121,
67. Ulf Gran, George Papadopoulos, Christian von Schultz, *Supersymmetric geometries of IIA supergravity III*, Journal of High Energy Physics 2016(6) 4 February 2016 DOI: 10.1007/JHEP06(2016)045.
68. Andrew Clarke, Mario Garcia-Fernandez, Carl Tipler, *Moduli of G_2 structures and the Strominger system in dimension 7*, arXiv:1607.01219.
69. Ilarion V. Melnikov, Ruben Minasian, Savdeep Sethi, *Non-duality in three dimensions*, J. High Energ. Phys. (2017) 2017: 53. [https://doi.org/10.1007/JHEP10\(2017\)053](https://doi.org/10.1007/JHEP10(2017)053).

70. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *The infinitesimal moduli space of heterotic G_2 systems*, Communications in Mathematical Physics 4 April 2017 DOI: 10.1007/s00220-017-3013-8
71. Samuel Beck, *Global and Local Aspects of Supersymmetric Anti-de Sitter Spaces*, A thesis presented for the degree of Doctor of Philosophy, Department of Mathematics Kings College London United Kingdom October 19, 2016.
https://kclpure.kcl.ac.uk/portal/files/73269081/2017_Beck_Samuel_thesis.pdf
72. Marc-Antoine Fiset, Callum Quigley, Eirik Eik Svanes, *Marginal deformations of heterotic G_2 sigma models*, J. High Energ. Phys. (2018) 2018: 52. [https://doi.org/10.1007/JHEP02\(2018\)052](https://doi.org/10.1007/JHEP02(2018)052)
73. Sergey Grigorian, *G_2 -structures for $N=1$ supersymmetric AdS_4 solutions of M-theory*, Classical and Quantum Gravity, Volume 35, Number 8, 2018, 085012.
74. Niall T. Macpherson, Jesus Montero, Daniel Prins, *$Mink_3 \times S^3$ solutions of type II supergravity*, Nucl. Phys. B **933** (2018), 185-233.
75. U. Gran, J. Gutowski, G. Papadopoulos, *Classification, geometry and applications of supersymmetric backgrounds*, arXiv:1808.07879.
76. Xenia de la Ossa, Marc-Antoine Fiset, *\mathcal{G} -structure symmetries and anomalies in $(1, 0)$ non-linear σ -models*, arXiv:1809.01138.
77. Andrea Fontanella, *Black Horizons and Integrability in String Theory*, arXiv:1810.05434 [hep-th], Ph.D.Thesis, University of Surrey, 2018, <http://epubs.surrey.ac.uk/849271/1/PhDThesis.pdf>
78. Andrea Legramandi, Niall T. Macpherson, *$Mink_4 \times S^2$ Solutions of 10 and 11 Dimensional Supergravity*, arXiv:1811.11224.
- 32. "Quaternionic Kähler and hyperKähler manifolds with torsion and twistor spaces (with I. Minchev), J. reineangew. Math., 567 (2004), 215-233. IF - 0.885**
цитирования - 14.
1. George Papadopoulos, *KT and HKT Geometries in Strings and in Black Hole Moduli Spaces*, hep-th/0201111, Contribution to the Proceedings of the Bonn workshop on "Special Geometric Structures in String Theory"
 2. Th. Friedrich, *Spin(9)-structures and connections with totally skew-symmetric torsion*, Journal of Geometry and Physics 47 (2003) 197-206.
 3. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl., 5-84.
 4. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 5. Zamkovoy, Simeon *Geometry of paraquaternionic Kähler manifolds with torsion*, J. Geom. Phys. **57** (2006), 69-87.
 6. Rui Albuquerque, *Twistorial Constructions of Special Riemannian Manifolds*, Fernandes, Rui Loja (ed.) et al., Geometry and physics. XVI international fall workshop, Lisbon, Portugal, September 5-18, 2007. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0546-2/hbk). AIP Conference Proceedings 1023, 121-126 (2008).
 7. Rui Albuquerque, *Hermitian and quaternionic Hermitian structures on tangent bundles*, Geom. Dedicata **133** (2008), 95-110.
 8. G. Vilcu, *Contribution to the study of quaternionic manifold*, Ph.D. Thesis University of Bucharest, 2006, available <http://www.mathem.pub.ro/dgds/mono/vi-vol.pdf>
 9. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 10. Bredthauer, Andreas, *Generalized Hyperkaehler Geometry and Supersymmetry*, Nucl. Phys. **B773**:172-183, 2007; arXiv.org:hep-th/0608114.
 11. Francisco Martin Cabrera; Swann, Andrew, *Curvature of almost quaternion-Hermitian manifolds*, Forum Mathematicum **22** (1) (2010), pp. 21-5.
 12. Jan Gutt, *Special Riemannian geometries and the Magic Square of Lie algebras*, 101 pages, a revised version of M.Sc. thesis presented at Warsaw University, arXiv:0810.2138.

13. M.L. Barberis, *A survey on hyper-kaehler with torsion geometry*, Rev. Un. Mat. Argentina **49** (2008), 121-131.
14. Wei Wang, *On quaternionic complexes over unimodular quaternionic manifolds*, arXiv:1610.06445.
- 33. "Deformations of generalized calibrations and compact non-Kähler manifolds with vanishing first Chern class (with J.Gutowski and G. Papadopoulos), Asian Journ. Math., 7 (2003), 39-80.**
цитирания - 55.
 1. Anna Fino, Maurizio Parton, Simon Salamon, *Families of strong KT structures in six dimensions*, Comment. Math. Helv. **79** (2004), no. 2, 317–340.
 2. Edward Goldstein, Sergey Prokushkin, *Geometric Model for Complex Non-Kähler Manifolds with SU(3) Structure*, Commun.Math. Phys. **251** (2004) 65-78, hep-th/0212307.
 3. A. Fino, G. Grantcharov, *Properties of manifolds with skew-symmetric torsion and special holonomy*, Adv. Math. **189** (2004), no. 2, 439–450.
 4. D.Grantcharov, G.Grantcharov, Y.S.Poon, *Calabi-Yau Connections with Torsion on Toric Bundles*, J. Differential Geom. **78** (2008), no. 1, 13–32, math.DG/0306207.
 5. Katrin Becker, Melanie Becker, Keshav Dasgupta, Paul S.Green, Eric Sharpe, *Compactifications of Heterotic Strings on Non-Kähler Complex Manifolds: II*, Nucl. Phys. **B678** (2004),19-100.
 6. Jerome P. Gauntlett, *Branes, Calibrations and Supergravity*, hep-th/0305074.
 7. Gianguido Dall'Agata, Nikolaos Prezas, *N=1 geometries for M-theory and type IIA strings with fluxes*, Phys.Rev. **D69**(2004) 066004.
 8. Melanie Becker, Keshav Dasgupta, *Kähler versus Non-Kähler Compactifications*, to appear in the QTS3 proceedings, hep-th/0312221.
 9. Smith, Douglas J., *Intersecting brane solutions in string and M-theory*, Classical and Quantum Gravity **20** (2003) R233.
 10. Luis Ugarte, *Hermitian structures on six dimensional nilmanifolds*, Transform. Groups **12** (2007), no. 1,175–202.
 11. Francisco Martin Cabrera, Andrew Swann, *Curvature of (special) almost Hermitian manifolds*, Pacific J. Math. **228** (2006), no. 1, 165–184.
 12. Mayer, Christoph; Mohaupt, Thomas, *Domain Walls, Hitchin's Flow Equations and G2-Manifolds*, Classical and Quantum Gravity **22** (2005) 379-392.
 13. Franzen, Anne; Kaura, Payal; Misra, Aalok et al, *Uplifting the Iwasawa*, Fortsch. Phys. **54** (2006), 207-224, hep-th/0506224.
 14. Florian Gmeiner, *Aspects of string theory compactifications: D-brane statistics and generalised geometry*, Ph.D Thesis, Dissertation an der Fakultät für Physik Ludwig-Maximilians-Universität München, 2006, available at <http://edoc.ub.uni-muenchen.de/5567/1/FlorianGmeiner.pdf>
 15. Anguelova, Lilia; de Medeiros, Paul; Sinkovics, Annamaria, *Topological membrane theory from Mathai-Quillen formalism*, Adv. Theor. Math. Phys. **10** (2006) 713-745, hep-th/0507089.
 16. Paul Koerber, Luca Martucci, *Deformations of calibrated D-branes in flux generalized complex manifolds*, JHEP0612 (2006) 062, arXiv:hep-th/0610044.
 17. Iman Benmachiche, *Heterotic and type II orientifold compactifications on SU(3) structure manifolds*, Dissertation zur Erlangung des Doktorgrades des Departments für Physik der Universität Hamburg, 2006.
 18. Sloane, Peter, *Spinorial Geometry and Branes*, Nuclear Physics B Proceedings Supplements, Volume 171, (2007) p. 319-321.
 19. Blumenhagen, Ralph; Kors, Boris; Lust, Dieter et al, *Four-dimensional String Compactifications with D-Branes, Orientifolds and Fluxes*, arXiv:hep-th/0610327, Phys. Rept. **445** (2007), no. 1-6, 1–193
 20. Manousselis, Pantelis; Prezas, Nikolaos; Zoupanos, George, *Supersymmetric compactifications of heterotic strings with fluxes and condensates*, Nucl. Phys. **B 739** 85 (2006).
 21. Gmeiner, Florian; Witt, Frederik, *Calibrated cycles and T-duality*, Commun. Math. Phys. **283** (2008) 543-578.

22. Koerber, Paul; Martucci, Luca, *D-branes on AdS flux compactifications*, JHEP 0801 047 (2008), arXiv:0710.5530.
23. Gillard, Joe, *Spinorial Geometry and Supergravity*, Ph.D, PhD thesis, 120 pages; King's College London, arXiv.org:hep-th/0608139.
24. Frederic Witt, *Gauge theory in dimension 7*, de Andre's, Luis Carlos (ed.) et al., Special metrics and supersymmetry. Lectures given in the workshop on geometry and physics: special metrics and supersymmetry, Bilbao, Spain, 29-31 May 2008. American Institute of Physics (AIP) (ISBN 978-0-7354-0626-1/pbk). AIP Conference Proceedings 1093, 180-195 (2009).
25. M. Fernandez, A. Tomassini, L. Ugarte, and R. Villacampa, *On Special Hermitian Geometry* AIP Conf. Proc. 1130, (2009), pp. 145-151; doi:<http://dx.doi.org/10.1063/1.3146230> (8 pages) GEOMETRY AND PHYSICS: XVII International Fall Workshop on Geometry and Physics Date: 3-6 September 2008 Location: Castro Urdiales (Spain)
26. Fernandez, M.; Tomassini, A.; Ugarte, L.; Villacampa, R. *Balanced Hermitian metrics from SU(2)-structures*, J. Math. Phys. **50** (2009), no. 3, 033507, 15 pp.
27. Kirwin, William D.; Uribe, Alejandro, *Theta functions on the Kodaira-Thurston manifold*, Trans. Amer. Math. Soc. **362** (2010), no. 2, 897-932.
28. Lars Schäfer, Knut Smoczyk, *Decomposition and minimality of Lagrangian submanifolds in nearly Kähler manifolds*, Ann. Global Anal. Geom. **37** (2010), no. 3, 221-240.
29. Gueo Grantcharov, *Geometry of compact complex homogeneous spaces with vanishing first Chern class*, Adv. Math. **226** (2011), 3136-3159.
30. Raquel Villacampa, *Special metrics on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
31. Loureda, Jose Manuel Sanchez *Supersymmetric probes of wrapped M5-brane backgrounds*, Durham theses, (2006), Durham University. Available at Durham E-Theses Online: <http://etheses.dur.ac.uk/2433/>
32. Hou, Boyu; Hu, Sen; Yang, Yanhong, *On special geometry of the moduli space of string vacua with fluxes*, arXiv:0806.3393.
33. Derek Harland, Alexander D. Popov, *Yang-Mills fields in flux compactifications on homogeneous manifolds with SU(4)-structure*, JHEP02(2012)107, arXiv:1005.2837.
34. Henning Samtleben, Ergin Sezgin, Dimitrios Tsimpis, *Rigid 6D supersymmetry and localization*, arXiv:1212.4706.
35. Paul Koerber, *Lectures on Generalized Complex Geometry for Physicists*, Fortsch. Phys. 59:169-242,2011, arXiv:1006.1536.
36. Iman Benmachiche, Jan Louis, Danny Martinez-Pedrerera, *The effective action of the heterotic string compactified on manifolds with SU(3) structure*, Class. Quant. Grav. 25:135006,2008 ,arXiv:0802.0410.
37. Luis Ugarte, Raquel Villacampa, *Balanced Hermitian geometry on 6-dimensional nilmanifolds*, arXiv:1104.5524.
38. Andrei Moroianu, Uwe Semmelmann, *Generalized Killing spinors and Lagrangian graphs*, Differential Geom. Appl. 37 (2014), 141-151.
39. Severin Bunk, Tatiana A. Ivanova, Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, *Instantons on sine-cones over Sasakian manifolds*, arXiv:1407.2948.
40. Matthias Ohst, *Deformations of Compact Cayley Submanifolds with Boundary*, arXiv:1405.7886.
41. Anton F. Faedo, David Mateos, Javier Tarrío, *Three-dimensional super Yang-Mills with unquenched flavor* arXiv:1505.00210.
42. Valentino Tosatti, Ben Weinkove, *The Monge-Ampère equation for (n-1)-plurisubharmonic functions on a compact Kähler manifold*, J. Amer. Math. Soc. 30 (2017), 311-346. DOI: <https://doi.org/10.1090/jams/875>
43. Keshav Dasgupta, Jihye Seo, Alisha Wissanji, *F-Theory, Seiberg-Witten Curves and N = 2 Dualities*, arXiv:1107.3566, to appear in JHEP.
44. Valentino Tosatti, *Non-Kähler Calabi-Yau manifolds*, to appear in Contemp. Math; arXiv:1401.4797.
45. Jixiang Fu, Jun Li, Shing-Tung Yau, *Balanced metrics on non-Kähler Calabi-Yau threefolds*, J. Diff. Geom. **90** (2012)81-129.
46. L. Qin, B. Wang, *A Family of Compact Complex-Symplectic Calabi-Yau Manifolds that are Non Kähler*, Geometry & Topology 22 (2018) 2115-2144 DOI: 10.2140/gt.2018.22.2115.

47. Bart Dioos, Luc Vrancken, Xianfeng Wang, *Lagrangian submanifolds in the homogeneous nearly kahler $S^3 \times S^3$* , Annals of Global Analysis and Geometry, June 2017 DOI: 10.1007/s10455-017-9567-z
48. Matthias Ohst, *Deformations of Cayley submanifolds*, Ph.D Thesis 2015, University of Cambridge, Department of Pure Mathematics and Mathematical Statistics, Dissertation submitted for the degree of Doctor of Philosophy, September 2015.
<https://www.repository.cam.ac.uk/bitstream/handle/1810/254972/thesis.pdf?sequence=1&isAllowed=y>
49. Zejun Hu, Yinshan Zhang, *On isotropic Lagrangian submanifolds in the homogeneous nearly Kahler $S^3 \times S^3$* , Sci. China Math. (2016). doi:10.1007/s11425-016-0288-0.
50. Anton F. Faedo, David Mateos, Christiana Pantelidou, Javier Tarrio, *Unquenched flavor on the Higgs branch*, arXiv:1607.07773.
51. Burcu Bektas, Marilena Moruz, Joeri Van der Veken, Luc Vrancken, *Lagrangian Submanifolds with Constant Angle Functions of the nearly Kahler $S^3 \times S^3$* , arXiv:1611.00958.
52. Burcu Bektas, Marilena Moruz, Joeri Van der Veken, Luc Vrancken, *Lagrangian submanifolds of the nearly Kahler $S^3 \times S^3$ from minimal surfaces in S^3* , arXiv:1611.03998.
53. Zhang, Y.; Dioos, B.; Hu, Z.; Vrancken, L.; Wang, X.; Lagrangian submanifolds in the 6-dimensional nearly Kahler manifolds with parallel second fundamental form. J. Geom. Phys. 108 (2016), 21-37.
54. Lars Schäher, **Nearly Pseudo-Kähler Manifolds and Related Special Holonomies**, Lecture Notes in Mathematics Volume 2201, 2017; DOI 10.1007/978-3-319-65807-0
55. Marilena Moruz, Luc Vrancken *Properties of the nearly kähler $S^3 \times S^3$* , Publications de l Institut Mathematique 103(117):147-158 DOI 10.2298/PIM1817147M
- 34. "On the geometry of closed G_2 -structures (with R.Cleyton), Commun. Math. Phys., 270 (2007), 53-67. IF - 2.070**
цитиранија - 39.
1. Robert Bryant, *Some remarks on G_2 -structures*, Proceedings of Gökova Geometry-Topology Conference 2005, 75–109, Gökova Geometry/Topology Conference (GGT), Gökova, math.DG/0305124.
 2. Simon Chiossi, Andrew Swann, *G_2 -structures with torsion from half-flat-integrable nilmanifolds*, J. Geom. Phys. 54 (2005), no. 3, 262–285.
 3. Francisco Martin Cabrera, *$SU(3)$ -structures on hypersurfaces of manifolds G_2 -structure*, Monatsh. Math. **148** (2006), no. 1, 29–50.
 4. Simon G. Chiossi, Anna Fino, *Conformally parallel G_2 structures on a class of solvmanifolds*, Math. Z., **252** (2006), no. 4, 825–848.
 5. Hong-Van Le, *Existence of closed G_2 -structures on 7-manifolds*, Archivum Math. **43** (2007) 443-457.
 6. L. Vezzoni, *The geometry of some special $SU(n)$ -structures*, Dottorato di Ricerca in Matematica. XIX ciclo, 2004-2006. Universita degli studi di Pisa, available at
[http://www2.dm.unito.it/paginepersonali/vezzoni/tesi di dottorato.pdf](http://www2.dm.unito.it/paginepersonali/vezzoni/tesi%20di%20dottorato.pdf)
 7. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl.,5-84.
 8. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 9. O. P. Santillan, *A Kähler-Einstein inspired ansatz for Spin(7) holonomy metrics and its solution*, hep-th/0609088.
 10. Lucio Bedulli, Luigi Vezzoni, *The Ricci tensor of $SU(3)$ -manifolds*, J. Geom. Phys. **57** (2007),n. 4, 1125–1146,
 11. Spiro Karigiannis, *Geometric Flows on Manifolds with G_2 Structure, I*, Quart. J. Math. **60** (4), pp. 487-522.
 12. Rod Gover, Paul-Andi Nagy, *Four dimensional conformal C-spaces*, Q. J. Math. **58** (2007), no. 4, 443–462.
 13. N. Degirmenci, N. Ozdemir, *Seiberg-Witten-like equations on 7-manifolds with G_2 -structure*, J. Nonlinear Math.Phys. **12** (2005), 457-461.
 14. Maciej Dunajski, Michal Godlinski, *$GL(2, R)$ structures, G_2 geometry and twistor theory*, Quarterly Journal of Mathematics (2012) 63(1), 101-132.

15. Baraglia, D., *Moduli of coassociative submanifolds and semi-flat G_2 -manifolds*, J. Geom. Phys. **60**(2010), no. 12, 1903-1918.
16. Diego Conti, Marisa Fernandez, *Nilmanifolds with a calibrated G_2 -structure*, Differential Geom. Appl. **29** (2011), no 4, 493-506.
17. Hyunjoon Cho, Sema Salur, Albert J. Todd, *Diffeomorphisms of 7-Manifolds with Closed G_2 -Structure*, arXiv:1112.0832.
18. Hyunjoon Cho, Sema Salur, Albert J. Todd, *A Note on Closed G_2 -Structures and 3-Manifolds*, arXiv:1112.0830.
19. Marisa Fernandez, Anna Fino, Victor Manero, *G_2 -structures on Einstein solvmanifolds*, arXiv:1207.3616.
20. Sema Salur, Albert J. Todd, *Diffeomorphisms of 7-Manifolds with Coclosed G_2 -Structure*, arXiv:1212.2261.
21. A. Fino, A. Raffero, *Einstein locally conformal calibrated G_2 structures*, Mathematische Zeitschrift August 2015, Volume 280, Issue 3, pp 1093-1106.
22. Marco Freibert, *Calibrated and parallel structures on almost Abelian Lie algebras*, arXiv:1307.2542.
23. Hyunjoon Cho, Sema Salur, Albert J. Todd, *Remarks on Hamiltonian Structures in G_2 -Geometry*, arXiv:1309.1984.
24. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
25. Ilka Agricola, Simon G. Chiossi, Thomas Friedrich, Jos Höll, *Spinorial description of $SU(3)$ - and G_2 -manifolds*, Journal of Geometry and Physics, **98** (2015), 535-555.
26. Jason D. Lotay, Yong Wei, *Laplacian flow for closed G_2 structures: Shi-type estimates, uniqueness and compactness*, Geometric and Functional Analysis, February 2017, Volume 27, Issue 1, pp 165-233.
27. Mohammad Shafiee, *Compatibility of G_2 -structures with Symplectic Structures*, preprint 2015
28. Alberto Raffero, *Non-integrable special geometric structures in dimensions six and seven*, Ph.D Thesis, Università degli Studi di Torino, Dipartimento di Matematica Scuola di Dottorato in Scienze della Natura e Tecnologie Innovative Ciclo XXVIII, March 2016, Tutor: Prof. Anna Fino, Coordinatore del Dottorato: Prof. Ezio Venturino, Anni Accademici: 2013-2015 Settore Scientifico disciplinare di afferenza: MAT/03. [https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero thesis.pdf](https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero%20thesis.pdf)
29. Victor Manero, *Einstein $SU(3)$ and G_2 structures*, arXiv:1607.07775.
30. Marco Freibert, Andrew Swann, *The shear construction*, Geometriae Dedicata 2017, DOI 10.1007/s10711-018-0330-9.
31. Jorge Lauret, *Laplacian solitons: questions and homogeneous examples*, Differential Geometry and its Applications March 2017 DOI: 10.1016/j.difgeo.2017.06.002
32. Sergey Grigorian, *G_2 -structures for $N=1$ supersymmetric AdS_4 solutions of M -theory*, Classical and Quantum Gravity, Volume 35, Number 8, 2018, 085012.
33. V. Manero, L. Ugarte, *Einstein warped G_2 and Spin (7) manifolds*, arXiv:1805.05858.
34. Yi Li, *Local curvature estimates for the Laplacian flow*, arXiv:1805.06231.
35. Anna Fino, Alberto Raffero, *A class of eternal solutions to the G_2 -Laplacian flow*, arXiv:1807.01128.
36. Marisa Fernandez, Anna Fino, Alexei Kovalev, Vicente Munoz, *A compact G_2 -calibrated manifold with first Betti number $b_1 = 1$* arXiv:1808.07144.
37. Marisa Fernandez, Anna Fino, Alberto Raffero, *On G_2 -structures, special metrics and related flows*, arXiv:1810.07587.
38. Sergey Grigorian, *Flows of co-closed G_2 -structures*, arXiv:1811.10505, to appear in a forthcoming volume of the Fields Institute Communications, entitled "Lectures and Surveys on G_2 manifolds and related topics".
39. Marisa Fernandez, Jonatan Sanchez, Jose A. Santisteban, *Compact Solvmanifolds with a Closed G_2 -Structure*, Advances in Pure Mathematics (2018), 08(11):813-829; DOI: 10.4236/apm.2018.811050
- 35. "Para-Hermitian and Para-Quaternionic manifolds (with S.Zamkovoy), Diff. Geom. Appl., 23 (2005), 205-234. IF - 0.391**
цитирания - 103.

1. P.B. Gilkey, M. Brozos-Vázquez and S. Nikčević, **Geometric realizations of curvature**, Imperial College Press (2012).
2. Miguel Brozos-Vázquez, Eduardo García-Río, Peter Gilkey, Stana Nikčević, and Ramón Vázquez-Lorenzo, **The Geometry of Walker Manifolds**, Synthesis Lectures on Mathematics and Statistics, 2009, Vol.2, No.1, Pages 1-179
3. Esteban Calvico Louzao, **Propiedades Geométricas de operadores de curvatura y generalizaciones de espacios simétricos**, ISBN 978-84-9887-794-1 (Ediciyn digital PDF). (PhD Thesis, Universidade de Santiago de Compostela (España) en 2011.)
4. A. Andrada, *Complex product structures and affine foliations*, Ann. Glob. Anal. Geom. **27** (2005), 377-405.
5. A. S. Dancer, H. R. Jorgensen, A. F. Swann, *Metric geometries over the split quaternions*, Rend. Sem. Mat. Univ. Politec. Torino **63** (2005), no. 2, 119–139.
6. Fernando Etayo, Rafael Santamaría, *Connections functorially attached to almost complex product structures*, Houston J. Math. **35** (2009), no. 2, 411–434.
7. Maciej Dunajski, Simon West, *Anti-self-dual conformal structures with null Killing vectors from projective structures*, Comm. Math. Phys. **272** (2007), no. 1, 85–118.
8. Lars Schäfer, *Para- tt^* -bundles on the tangent bundle of an almost para-complex manifold*, Ann. Global Anal. Geom. **32** (2007), no. 2, 125–145.
9. Maciej Dunajski, Simon West, *Anti-Self-Dual Conformal Structures in Neutral Signature*, Contribution to the special volume 'Recent developments in pseudo-Riemannian Geometry', ESI-Series on Mathematics and Physics, 113–148, ESI Lect. Math. Phys., Eur.Math. Soc., Zürich, 2008, math.DG/0610280.
10. Angelo V. Caldarella, *On paraquaternionic submersions between paraquaternionic Kähler manifolds*, Acta Applicandae Mathematicae **112** (2010) (1), pp. 1-14.
11. Lars Schäfer, Fabian Schulte-Hengesbach, *Nearly pseudo-Kähler and nearly para-Kähler six-manifolds*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 425-453.
12. A. Cortes-Ayaso, J.C Diaz-Ramos, E. Garcia-Rio, *Four-dimensional manifolds with degenerated self-dual Weylcurvature operator*, Ann. Glob. Ana. Geom. **34** (2008), 185-193.
13. Davidov, J.; Diaz-Ramos, J. C.; Garcia-Rio, E.; Matsushita, Y.; Muškarov, O.; Vázquez-Lorenzo, R. *Almost Kähler Walker 4-manifolds*, J. Geom. Phys. **57** (2007), no. 3, 1075–1088.
14. Davidov, J., Diaz-Ramos, J. C., Garcia-Rio, E., Matsushita, Y., Muskarov, O., Vázquez-Lorenzo, R., *Hermitian-Walker 4-manifolds* J. Geom. Phys. **58** (2008), no. 3, 307–323.
15. Stere Ianus, Gabriel Eduard Vilcu, *Some constructions of almost para-hyperhermitian structures on manifolds and tangent bundles*, Int. J. Geom. Methods Mod. Phys. **5**, No. 6, 893-903 (2008).
16. Stere Ianus, Gabriel Eduard Vilcu, *Paraquaternionic manifolds and mixed 3-structures*, in Differential Geometry, Proceedings of the VIII International Colloquium, Santiago de Compostela, Spain 7-11 July 2008, World Scientific 2009, 276-286.
17. Angelo Cardarella, *Paraquaternionic structures on smooth manifolds and related structures*, Ph.D Thesis, University Bari 2006/2007.
18. L. Schäfer, *tt^* -geometry and related pluriharmonic maps*, Proceedings of the International Conference "Differential Geometry—Dynamical Systems" (DGDS-2007), 197–210, BSG Proc., 15, Geom. Balkan Press, Bucharest, 2008.
19. Vilcu, Gabriel Eduard, *Normal semi-invariant submanifolds of paraquaternionic space forms and mixed 3-structures*, Proceedings of the International Conference "Differential Geometry—Dynamical Systems" (DGDS-2007), 232–240, BSG Proc., 15, Geom. Balkan Press, Bucharest, 2008.
20. A. Ionescu, G.E. Vilcu, *A note on para quaternionic manifolds*, Missouri Journal of Mathematical Sciences, **19** (3) (2007).
21. Vilcu, G. E., *Para-hyperhermitian structures on tangent bundle*, Proc. Est. Acad. Sci. **60**, No. 3, 165-173 (2011).
22. Fabian Schulte-Hengesbach, *Half-flat structures on Lie groups*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, 2010, available at <http://www.math.uni-hamburg.de/home/schulte-hengesbach/diss.pdf> .

23. Vilcu, Gabriel Eduard, *Submanifolds of an almost para quaternionic Kähler product manifold*, Int. Math. Forum **2** (2007), no. 13-16, 735–746.
24. L. Schäfer, *tt*-geometry and pluriharmonic maps*, Ph.D Thesis, University Henri Poincare and University of Bonn, 2006, available at <http://www.diffgeo.uni-hannover.de/schaefer/download/DR.pdf>
25. Juan Carlos Moreno Brice no, *CONTRACCIONES DE ESTRUCTURAS ALGEBRAICAS Y ALGUNAS APLICACIONES*, UNIVERSIDAD SIMON BOLIVAR Decanato de Estudios de Postgrado Maestria en Matematicas TRABAJO DE GRADO, April 2008. available at <http://159.90.80.55/tesis/000144548.pdf>
26. D. Luczyszyn, Z. Olszak, *On para holomorphically pseudo symmetric para-Kählerian manifolds*, J. Korean Math. Soc. **45** (2008), No. 4, pp. 953-963.
27. Taghavi-Chabert Arman, *The complex Goldberg-Sachs theorem in higher dimensions*, JOURNAL OF GEOMETRY AND PHYSICS Volume: 62 Issue: 5 Pages: 981-1012.
28. G. Vilcu, *Contribution to the study of quaternionic manifold*, Ph.D. Thesis University of Bucharest, 2006, available at <http://www.mathem.pub.ro/dgds/mono/vi-vol.pdf>
29. Angelo V. Caldarella, Anna Maria Pastore, *Mixed 3-Sasakian structures and curvature*, Ann. Polon. Math. **96** (2009), 107–125.
30. Johann Davidov, Gueo Grantcharov, Oleg Mushkarov, *Geometry of neutral metrics in dimesnion four*, Proceedings of the Thirty Seventh Spring Conference of the Union of Bulgarian Mathematicians, Borovets, April 2-6, 2008, arXiv:0804.2132,
31. Dmitri V. Alekseevsky, Costantino Medori, Adriano Tomassini, *Homogeneous para-Kähler Einstein manifolds*, Russian Mathematical Surveys **64** (1) (2009) RAS(DoM) and LMS, pp. 1-43 and Uspekhi Mat. Nauk **64**:1 3II50 DOI 10.1070/RM2009v064n01ABEH004591.
32. N. Blazic, S. Vukmirovic, *Four dimensional Lie algebras with para-hypercomplex structures*, Rocky Mt. J. Math. **40**, No. 5, 1391-1439 (2010).
33. Yilmaz Gündüzalp, *Neutral slant submanifolds of a para-Kähler manifolds*, Abstr. Appl. Anal. **2013**, Art. ID 752650, 8 pp.
34. Yilmaz Gündüzalp, Dicle University, Diyarbakir-TURKEY, *Anti-invariant semi-Riemannian submersions from almost para- Hermitian manifolds*, Journal of Function Spaces and Applications Volume 2013 (2013), Article ID 720623, 7 pages <http://dx.doi.org/10.1155/2013/720623>.
35. Liana David, *About the geometry of almost para-quaternionic manifolds*, Diff. Geom. Appl. **27** (2009), pp. 575 - 588.
36. S Marchiafava, *Submanifolds of (para-) quaternionic Kähler manifolds*, Note di Matematica, 2008 - 212.189.136.200
37. M. Tekkoyun, M. Sari, *Constrained Paracomplex Mechanical Systems*, arXiv:0902.4120,
38. Ianus, Stere; Mazzocco, Renzo; Vilcu, Gabriel Eduard, *Real lightlike hypersurfaces of paraquaternionic Kähler manifolds*, Mediterr. J. Math. **3** (2006), no. 3-4, 581–592.
39. Sylvain Delahaies, *Complex and contact geometry in geophysical fluid dynamics*, Submitted for the Degree of Doctor of Philosophy from the University of Surrey, 2009, available at <http://personal.maths.surrey.ac.uk/st/S.B/publications/ThesisFinal.pdf>
40. M. Brozos-Vazquez, P. Gilkey, H. Kang, S. Nikcevic, G. Weingart, *Geometric realizations of curvature models by manifolds with constant scalar curvature*, Diff. Geom. Appl. **27** (6) (2009), pp. 696-701.
41. E. Calvino-Louzao, E. Garcia-Rio, R. Vasquez-Lorenzo, *Four dimensional Osserman metrics revisited*, de Andre's, Luis Carlos (ed.) et al., Special metrics and supersymmetry. Lectures given in the workshop on geometry and physics: special metrics and supersymmetry, Bilbao, Spain, 29II31 May 2008. American Institute of Physics (AIP) (ISBN 978-0-7354-0626-1/pbk). AIP Conference Proceedings 1093, 35-48 (2009).
42. E. Calvino-Louzao, E. Garcia-Rio, P. Gilkey, R. Vasquez-Lorenzo, *The geometry of modified Riemannian extensions*, Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences **465** (2107) (2009), pp.2023-2040.
43. Malin Goteman, Ulf Lindstrom, *Pseudo-hyperkahler Geometry and Generalized Kahler Geometry*, Lett. Math. Phys. **95** (2011), no. 3, 211II222.

44. M. Brozos-Vazquez, P. Gilkey, S. Nikčević, *Geometric realizations of curvature*, arXiv:0904.1192.
45. Johann Davidov, Gueo Grantcharov, Oleg Mushkarov, Mirroslav Yotov, *Para-hyperhermitian surfaces*, Bull. Math. Soc. Sci.Math. Roumanie (N.S.) 52(100) (2009), no. 3, 281–289, arXiv:0906.0546.
46. Vicente Cortés, Lars Schäfer, *Geometric structures on Lie groups with flat bi-invariant metric*, Journal of Lie Theory 19 (2) (2009), pp. 423-437 .
47. Chursin, Mykhaylo; Schäfer, Lars; Smoczyk, Knut, *Meancurvature flow of space-like Lagrangian submanifolds in almostpara-Kähler manifolds*, Calc. Var. Partial Differential Equations 41 (2011), no. 1-2, 111–125.
48. Stere Ianus, Stefano Marchiafava, Gabriel Eduard Vilcu, *Paraquaternionic CR-submanifolds of paraquaternionic Kahler manifolds and semi-Riemannian submersions*, Cent. Eur. J. Math. 8(4) 2010, 735-753.
49. Vilcu, G.E., *A new class of semi-riemannian submersions*, Romanian Journal in Physics 54 (9-10) (2009), pp. 815-821
50. M. Brozos-Vazquez, E. Garcia-Rio, P. Gilkey, R. Vazquez-Lorenzo, *Compact Osserman manifolds with neutral metric*, Results in Mathematics 59 (2011), 495-506.
51. Gabriel Eduard Vilcu, Rodica Cristina Voicu, *Curvature properties of pseudo-sphere bundles over para quaternionic manifolds*, Int. J. Geom. Methods Mod. Phys. Volume: 9, Issue: 3(2012) 1250024.
52. Simona-Luiza Druta-Romaniuc *Natural Diagonal Riemannian Almost Product and Para-Hermitian Cotangent Bundles*, arXiv:1104.2766, Czechoslovak Mathematical Journal, to appear.
53. Karina Olszak, Zbigniew Olszak, *On 4-dimensional, conformally flat, almost ϵ -Kählerian manifolds*, arXiv:1110.3775.
54. Yilmaz Gündüzalp, Bayram Sahin, *Para-Contact Para-complex semi-Riemannian submersions*, Bull. Malays. Math. Sci. Soc. (2) 37 (1) (2014), 139–152.
55. Cristina Flaut and Vitalii Shpakivskyi, *Some identities in algebras obtained by the Cayley-Dickson process*, arXiv:1201.3570.
56. Massimo Vaccaro, *(Para-)Hermitian and (para-)Kähler Submanifolds of a para-quaternionic Kähler manifold*, Differential Geometry and its Applications, Volume 30, Issue 4, August 2012, Pages 347–364.
57. ROSSI, F.A., *D-Complex Structures on Manifolds: Cohomological properties and deformations*, (Tesi di dottorato, Università degli Studi di Milano-Bicocca, 2013), <http://hdl.handle.net/10281/41976>, available at http://boa.cilea.it/bitstream/10281/41976/1/Phd_unimib_734450.pdf
58. Johann Davidov, Gueo Grantcharov, Oleg Mushkarov, Miroslav Yotov, *Compact complex surfaces with geometric structures related to split quaternions*, arXiv:1205.2580.
59. Jesse Alt, Antonio J. Di Scala, Thomas Leistner, *Conformal holonomy, symmetric spaces, and skew symmetric torsion*, Diff. Geom. Appl. 33, (2014) pp. 4-43.
60. P.M. Gadea, J. Muñoz Masque, L.M. Pozo Coronado, *A-manifolds admitting a functorial connection*, Annali di Matematica pura Appl (2014) 193:1795–1805 DOI 10.1007/s10231-013-0356-4.
61. J. Abderraman Marrero and M. Rachidi, *The Szegő matrix recurrence and its associated linear non-autonomous area-preserving map*, Electronic Journal of Linear Algebra ISSN 1081-3810 A publication of the International Linear Algebra Society Volume 24, pp. 168-180, October 2012.
62. Lars Schäfer, *Conical Ricci-flat nearly para-Kähler manifolds*, Annals of Global Analysis and Geometry, June 2013.
63. E. Calvin o-Louzao, E. Garcí'a-Ri'o, M.E. Va'zquez-Abal, R. Va'zquez-Lorenzo, *Geometric properties of generalized symmetric spaces*, Proceedings of the Royal Society of Edinburgh: Section A Mathematics / Volume 145 / Issue 01 / January 2015, pp 47-71. DOI: <http://dx.doi.org/10.1017/S0308210513001480>.
64. J. A. Santisteban, *Estructuras cuaternionicas contacto y métricas especiales*, Thesis of Dissertation, Universidad del País Vasco, November, 2013.
65. Carlos Batista, *On the Pursuit of Generalizations for the Petrov Classification and the Goldberg-Sachs Theorem*, arXiv:1311.7110.
66. Rod Gover, Roberto Panai, Travis Willse, *Nearly Kähler geometry and (2,3,5)-distributions via projective holonomy*, arXiv:1403.1959.

67. Antonio Cigliola, *Split quaternions, generalized quaternions and integer-valued polynomials*, PhD Thesis in Mathematics, Dipartimento di Matematica e Fisica, Universita degli Studi Roma Tre, 2014.
<http://lab12.mat.uniroma3.it/dottorato/TESI/cigliola/CIGLIOLA>
68. M. Kazemi, *Integrable distributions on semi-invariant sumanifolds*, Proc. Seventh Seminar on Geometry and Topology, Iran Institute of Technology, 2014, pp. 273-276.
69. S.L. Druta-Romaniuc, *A Study on the Para-Holomorphic Sectional Curvature of Para-Kähler Cotangent Bundles*, Anal. Sci. Univ. YAL.I. CUZAY DIN IASÇI (S.N.) Mathematica, Tomul LXI, 2015, f.1, 253-262, DOI: 10.2478/aicu-2014-0033.
70. Cristina Flaut, Vitalii Shpakivskyi, *An efficient method for solving equations in generalized quaternion and octonion algebras*, Advances in Applied Clifford Algebras, August 2014; arXiv:1405.5652.
71. S. K. Srivastava, K. Srivastava, *Harmonic maps on paracontact manifolds*, Matematicki Vesnik 69(3):153-163 ч May 2017.
72. P. Gilkey, M. Itoh, J. H. Park, *Anti-invariant Riemannian Submersions*, Taiwanese J. Math., Vol. 20, No. 4, pp. 787-800, August 2016 DOI: 10.11650/tjm.20.2016.6898.
73. Reese Harvey, H. Blaine Lawson Jr., *Split special Lagrangian geometry*, Metric and Differential Geometry Progress in Mathematics Volume 297, 2012, pp 43-89;
74. Freidel, L., Leigh, R.G., Minic, D., *Born reciprocity in string theory and the nature of spacetime*, Phys. Lett. B 730 (2014), 302-306.
75. F. Etayo, R. Santamaria, *Distinguished connections on $(J^2 = \pm 1)$ -metric manifolds*, Archivum Mathematicum (BRNO) Tomus 52 (2016), 159IИ203.
76. A. Anabalon, C. Batista, *A Class of Integrable Metrics*, Phys. Rev. D 93, 064079 И Published 30 March 2016.
77. R Tagore, SO Gitanjali, **Mathematical history**, book,
<http://www.jimhadams.com/expo/expo323.pdf>
- 78. Bruno Klingler, Chern's conjecture for special affine manifolds, Annals Math. 186 N1 (2017), 69-95.**
79. Diego Conti, Federico A. Rossi, *The Ricci tensor of almost parahermitian manifolds*, arXiv:1605.01890.
80. Gabriel-Eduard Vilcu, *Paraquaternionic CR-Submanifolds*, Chapter 13 of the book **Geometry of Cauchy-Riemann Submanifolds**, pp 361-390 Date: 01 June 2016.
81. E. Peyghan, L. Nourmohammadifar, *Para-Kähler hom-Lie algebras*, arXiv:1607.03435.
82. Yilmaz Gündüzalp, *Almost para-Hermitian submersions*, MATEMATIQKI VESNIK 2016, Available online 20.08.2016.
http://mv.mi.sanu.ac.rs/Papers/MV2016_004.pdf
83. Bouazza Kacimi, Fouzi Hathout, H.Mohamed Dida and Mokhtaria Barnoussi, *Para-Quaternionic Structures on the 3-Jet Bundle*, Mathematical Sciences and Applications E-Notes 4 (2) 37-46 (2016).
84. M. Tekkoyun, **Mechanical Systems on Manifolds**, Differential Geometry - Dynamical Systems Monographs #11, Geometry Balkan Press, Bucharest, Romania, 2014.
85. Boris Kruglikov, Henrik Winther, *Non-degenerate Para-Complex Structures in 6D with Large Symmetry Groups*, arXiv:1611.05767.
86. Fei, T. & Zhang, J. *Interaction of Codazzi Couplings with (Para-)Kähler Geometry*, Results Math (2017). doi:10.1007/s00025-017-0711-7
87. Leila Nourmohammadifar, Esmaeil Peyghan, *Nearly para-Kähler Lie algebras*, preprint 2017.
88. Mehmet Akyol, Yilmaz Gunduzalp, *Semi-invariant semi-Riemannian submersions*, Commun.Fac.Sci.Univ.Ank.Series A1 Volume 67, Number 1, Pages 80-92 (2018) DOI: 10.1501/Commua1_0000000832
89. Diego Conti, Federico A. Rossi, *Einstein nilpotent Lie groups*, arXiv:1707.04454.
90. C. Ida, A. Manea, *On the Integrability of Generalized Almost para-Norden and para-Hermitian Structures*, Mediterranean Journal of Mathematics, August 2017, 14:173.
91. Lars Schäher, **Nearly Pseudo-Kähler Manifolds and Related Special Holonomies**, Lecture Notes in Mathematics Volume 2201, 2017; DOI 10.1007/978-3-319-65807-0

92. Laurent Freidel, Felix J. Rudolph, David Svoboda, *Generalised Kinematics for Double Field Theory*, JHEP 11 (2017) 175.
93. David Svoboda, *Algebroid Structures on Para-Hermitian Manifolds*, arXiv:1802.08180.
94. Indranil Biswas, Sebastian Heller, Markus Roeser, *Real holomorphic sections of the Deligne-Hitchin twistor space*, arXiv:1802.06587.
95. Fernando Etayo, Araceli deFrancisco, Rafael Santamaria *The Chern Connection of a $(J^2 = \pm 1)$ -Metric Manifold of Class \mathcal{G}_1* August 2018, Mediterranean Journal of Mathematics 15(4), DOI: 10.1007/s00009-018-1207-8
96. Laurent Freidel, Felix J. Rudolph, David Svoboda, *A Unique Connection for Born Geometry*, arXiv:1806.05992 [hep-th].
97. Hichem El Hendi, Lakehal Belarbi, *On paraquaternionic submersions of tangent bundle of order two*, Nonlinear Studies 25(3) (2018):653-664.
98. Peyghan, E., Nourmohammadifar, L. *Anti-abelian nearly Kähler structures on nilpotent Lie algebras*, Periodica Mathematica Hungarica (2018), doi:10.1007/s10998-018-0244-1
99. Vincenzo E. Marotta, Richard J. Szabo, *Para-Hermitian Geometry, Dualities and Generalized Flux Backgrounds*, Fortschritte der Physik (2018), DOI: 10.1002/prop.201800093
100. Gezer, Aydin; Turanlı, Sibel *On nearly paraKähler manifolds*, Bull. Korean Math. Soc. 55 (2018), no. 3, 871-879.
101. Zhang, J., Fei, T. (2018). *Information Geometry with (Para-)Kähler Structures*, Springer Proceedings in Mathematics & Statistics, 297-321. doi:10.1007/978-3-319-97798-0_11.
102. Simona-Luiza Druta-Romaniuc, *General Natural (α, ε) -Structures* December 2018, Mediterranean Journal of Mathematics 15 (2018), no. 6, 15-228. DOI: 10.1007/s00009-018-1271-0.
103. Cornelia-Livia Bejan, Galia Nakova, *Almost Para-Hermitian and Almost Paracontact Metric Structures Induced by Natural Riemann Extensions*, Results in Mathematics 74(1) (2018), DOI: 10.1007/s00025-018-0939-x
- 36. "SU(3)-instantons and $G_2, Spin(7)$ heterotic string solitons (with P. Ivanov), Commun. Math. Phys., 259(2005), 79-102. IF - 2.007**
цитирования - 24.
1. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS₅ solutions of M-theory*, Class. Quant. Grav. **21** (2004) 4335-4366, hep-th/0402153.
 2. Melanie Becker, Keshav Dasgupta, Anke Knauf, Radu Tatar, *Geometric transitions, Flops and Non-Kähler manifolds:I*, Nucl.Phys. **B702**, (2004) 207-268.
 3. Simon Chiossi, Andrew Swann, *G_2 -structures with torsion from half-flat-integrable nilmanifolds*, J. Geom. Phys.54 (2005), no. 3, 262–285.
 4. Jerome P. Gauntlett, Dario Martelli, James Sparks, Daniel Waldram, *Supersymmetric AdS Backgrounds in String and M-theory*, hep-th/0411194, to appear in the proceedings of the 73rd Meeting between Physicists and Mathematicians "(A)dS/CFT correspondence Strasbourg, September 11-13, 2003.
 5. Frank Klinker, *The torsion of spinor connections and related structures*, SIGMA 2 (2006), 077, 28 pages; math.DG/0611288.
 6. O. P. Santillan, *A Kähler-Einstein inspired ansatz for Spin(7) holonomy metrics and its solution*, hep-th/0609088.
 7. Frederik Witt, *Metric bundles of split signature and type II supergravity*, In: H. Baum, D. Alekseevsky (ed.), Recent Developments in Pseudo-Riemannian Geometry pp. 455-494, EMS 2008.
 8. Keshav Dasgupta, Marc Grisaru, Rhiannon Gwyn, Sheldon Katz, Anke Knauf, Radu Tatar, *Gauge-Gravity Dualities, Dipoles and New Non-Kähler Manifolds*, Nucl.Phys. **B755** (2006) 21-78, hep-th/0605201.
 9. Nils Schoemann, *Almost Hermitian Structures with Parallel Torsion*, J. Geom. Phys. **57** (2007), no. 11, 2187–2212.
 10. T. B. Madsen, *Torsion geometry and scalar functions*, University of Southern Denmark, qualifying report, August 2009.
<http://home.imf.au.dk/tbmadsen/DMF-2009-11-003-v1.pdf>

11. Ali, Tibra; Cleaver, Gerald B., *A Note on the Standard Embedding on Half-Flat Manifolds*, JHEP07(2008)121,arXiv.org:0711.3248.
 12. Alexander D. Popov, *Hermitian-Yang-Mills equations and pseudo-holomorphic bundles on nearly Kaehler and nearly Calabi-Yau twistor 6-manifolds*, Nucl. Phys. B **828** (2010) pp. 594 - 624,arXiv:0907.0106.
 13. Raquel Villacampa, *Special metrix on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
 14. H.V. Le, M. Munir, *The geometry of compact homogeneous spaces with invariant G_2 -structures*, Advances in Geometry, **12** (2012), no. 2, 302-328.
 15. E.K. Loginov, *Classification of BPS equations in higher dimensions*, Phys. Rev. D7 8:065010,2008, arXiv:0809.1408.
 16. E.K. Loginov, *Remarks on string solitons*, Phys.Rev.D77:105003,2008, arXiv:0805.0870.
 17. Vitaly V. Balashchenko, *Invariant structures on the 6-dimensional generalized heisenberg group*, Kragujevac Journal of Mathematics Volume **35** Number 2 (2011), Pages 209-222.
 18. Mancho Manev, Miroslava Ivanova, *A classification of the torsion tensors on almost contact manifolds with B-metric*, Central European Journal of Mathematics, October 2014, Volume 12, Issue 10, pp 1416-1432; arXiv:1105.5715.
 19. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
 20. Kazuki Hinoue, Yukinori Yasui, *Heterotic Solutions with G_2 and $Spin(7)$ Structures*, JP Journal of Geometry and Topology 17.1 (Feb 2015): 17-48.
 21. Andrew Clarke, Mario Garcia-Fernandez, Carl Tipler, *Moduli of G_2 structures and the Strominger system in dimension 7*, arXiv:1607.01219.
 22. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *The infinitesimal moduli space of heterotic G_2 systems*, Communications in Mathematical Physics 4 April 2017 DOI: 10.1007/s00220-017-3013-8
 23. Mancho Manev, *On Geometry of Manifolds with Some Tensor Structures and Metrics of Norden Type*, arXiv:1706.05505.
 24. Xenia de la Ossa, Marc-Antoine Fiset, *\mathcal{G} -structure symmetries and anomalies in $(1,0)$ non-linear σ -models*, arXiv:1809.01138.
- 37. "Hyper-ParaHermitian manifolds with torsion"(with V. Tsanov and S. Zamkovoy), J. Geom. Phys., 56 (2006), 670-690.IF - 0.956**
цитируания - 11.
1. Fernando Etayo, Rafael Santamari'a, *Connections functorially attached to almost complex product structures*,Houston J. Math. 35 (2009), no. 2, 411-434.
 2. A. Swann, *Quaternionic geometries from superconformal symmetry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 455-476.
 3. Vilcu, G. E., *Para-hyperhermitian structures on tangentbundle*, Proc. Est. Acad. Sci. 60, No. 3, 165-173 (2011).
 4. T. B. Madsen, *Torsion geometry and scalar functions*, University of Southern Denmark, qualifying report, August 2009.
<http://home.imf.au.dk/tbmadsen/DMF-2009-11-003-v1.pdf>
 5. Dmitri V. Alekseevsky, Costantino Medori, Adriano Tomassini, *Homogeneous para-Ka"hler Einstein manifolds*, Russian Mathematical Surveys **64** (1) (2009) RAS(DoM) and LMS, pp. 1-43 and Uspekhi Mat. Nauk 64:1 3II50 DOI 10.1070/RM2009v064n01ABEH004591.
 6. Angelo V. Caldarella, *On paraquaternionic submersions between paraquaternionic Kähler manifolds*, Acta Applicandae Mathematicae **112** (2010) (1), pp. 1-14.
 7. Johann Davidov, Gueo Grantcharov, Oleg Mushkarov, Miroslav Yotov, *Compact complex surfaces with geometric structures related to split quaternions*, arXiv:1205.2580.
 8. Gueo Grantcharov and Camilo Montoya, *On Functions of Several Split-Quaternionic Variables*, Advances in Mathematical Physics 03/2016; 2016(2):1-12.

9. Bouazza Kacimi, Fouzi Hathout, H.Mohamed Dida and Mokhtaria Barnoussi, *Para-Quaternionic Structures on the 3-Jet Bundle*, Mathematical Sciences and Applications E-Notes **4** (2) 37-46 (2016).
 10. Laurent Freidel, Felix J. Rudolph, David Svoboda, *A Unique Connection for Born Geometry*, arXiv:1806.05992 [hep-th].
 11. Hichem El Hendi, Lakehal Belarbi, *On paraquaternionic submersions of tangent bundle of order two*, Nonlinear Studies **25**(3) (2018):653-664.
- 38. "Locally conformal parallel G_2 and $Spin(7)$ manifolds (with M. Parton and P. Piccinni), Math. Res. Lett., 13 (2006), 167-177. IF - 0.664**
цитирования - 17.
1. Misha Verbitsky, *An intrinsic volume functional on almost complex 6-manifolds and nearly Kaehler geometry*, Pacific J.Math. **235** (2008), no. 2, 323-344.
 2. Ilka Agricola, Thomas Friedrich, *Geometric structures of vectorial type*, J. Geom. Phys. **56** (2006), no. 12,2403-2414.
 3. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) **42** (2006), suppl.,5-84.
 4. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 5. O. P. Santillan, *A Kähler-Einstein inspired ansatz for $Spin(7)$ holonomy metrics and its solution*, hep-th/0609088.
 6. Bonan, Edmond, *Connexions pour les varietes riemanniennes avec une structure de type G_2 ou $Spin(7)$ [Connections for Riemannian manifolds with structure group G_2 or $Spin(7)$]*, C. R. Math. Acad. Sci. Paris**343** (2006), no. 11-12, 755-758.
 7. Selman Uguz, *Lee form and special warped-like product manifolds with locally conformally parallel $Spin(7)$ structures*, Ann. Glob. Anal. Geom. Volume 43, Issue 2, 2013, Pages 123-141.
 8. Paul-Andi Nagy, *Prolongations of Lie algebras and applications*, J. Lie Theory, Volume 23, Issue 1, 2013, Pages 1-33.
 9. A. Fino, A. Raffero, *Einstein locally conformal calibrated G_2 structures*, Mathematische Zeitschrift August 2015, Volume 280, Issue 3, pp 1093-1106.
 10. Selman Uguz, Ibrahim Unal, *Fiber structures of special $(4 + 3 + 1)$ warped-like manifolds with $Spin(7)$ holonomy*, preprint.
 11. Marisa Fernández, Anna Fino, Alberto Raffero, *Locally conformal calibrated G_2 -manifolds*, Annali di Matematica Pura ed Applicata, October 2016, Volume 195, Issue 5, pp 1721-1736, doi:10.1007/s10231-015-0544-5. arXiv:1504.04508.
 12. A. Haupt, *Yang-Mills solutions and $Spin(7)$ -instantons on cylinders over coset spaces with G_2 -structures*, Journal of High Energy Physics 2016(3),December 2015.
 13. Alberto Raffero, *Non-integrable special geometric structures in dimensions six and seven*, Ph.D Thesis, Universita degli Studi di Torino, Dipartimento di Matematica Scuola di Dottorato in Scienze della Natura e Tecnologie Innovative Ciclo XXVIII, March 2016, Tutor: Prof. Anna Fino, Coordinatore del Dottorato: Prof. Ezio Venturino, Anni Accademici: 2013-2015 Settore Scientifico-disciplinare di afferenza: MAT/03. [https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero thesis.pdf](https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero%20thesis.pdf)
 14. Giovanni Bazzoni, *Locally conformally symplectic and Kaehler geometry*, arXiv:1711.02440.
 15. Shiping Zhong, *$Spin(7)$ -structure equation and the vector elliptic Liouville equation* Advances in Difference Equations 2018(1), DOI: 10.1186/s13662-018-1765-x
 16. Marisa Fernandez, Anna Fino, Alberto Raffero, *On G_2 -structures, special metrics and related flows*, arXiv:1810.07587.
 17. Giovanni Bazzoni, Alberto Raffero, *Special types of locally conformal closed G_2 -structures*, arXiv:1810.10991.
- 39. " $SU(3)$ -structures on submanifolds of a $SPIN(7)$ -manifold" (with Francisco Marti'n Cabrera), Diff. Geom. Appl., 26 (2008), 113-132. IF - 0.533**
цитирования - 5.

1. O. P. Santillan, *A Kähler-Einstein inspired ansatz for Spin(7) holonomy metrics and its solution*, hep-th/0609088.
 2. Alexander D. Popov, *Hermitian-Yang-Mills equations and pseudo-holomorphic bundles on nearly Kaehler and nearly Calabi-Yau twistor 6-manifolds*, Nucl. Phys. B **828** (2010) pp. 594 - 624.
 3. Selman Akbulut, Sema Salur, *Mirror Duality via G 2 and Spin(7) Manifolds*, Arithmetic and Geometry Around Quantization, Progress in Mathematics Volume 279, 2010, pp 1-21.
 4. Selman Uguz, *Lee form and special warped-like product manifolds with locally conformally parallel Spin(7) structures*, Ann. Glob. Anal. Geom. Volume 43, Issue 2, 2013, Pages 123-141.
 5. Selman Uguz, Ibrahim Unal, *Fiber structures of special (4 + 3 + 1) warped-like manifolds with Spin(7) holonomy*, preprint.
- 40. "Twistor and Reflector Spaces of Almost Para-Quaternionic Manifolds (with I. Minchev and S. Zamkovoy), Corte's, Vicente (ed.), Handbook of pseudo-Riemannian geometry and supersymmetry. Papers based on the 77th meeting "Encounter between mathematicians and theoretical physicists Strasbourg, France, 2005. Zu"rich: European Mathematical Society. IRMA Lectures in Mathematics and Theoretical Physics 16, 477-496 (2010).**
- цитирования - 11.*
1. Thomas Mohaupt, *Special geometry, black holes and Euclidean supersymmetry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 149-184.
 2. A. Ionescu, G.E. Vilcu, *A note on paraquaternionic manifolds*, Missouri Journal of Mathematical Sciences, **19** (3) (2007).
 3. Vilcu, Gabriel Eduard, *Submanifolds of an almost paraquaternionic Kähler product manifold*, Int. Math. Forum **2** (2007), no. 13-16, 735-746.
 4. G. Vilcu, *Contribution to the study of quaternionic manifold*, Ph.D. Thesis University of Bucharest, 2006, available <http://www.mathem.pub.ro/dgds/mono/vi-vol.pdf>
 5. Liana David, *About the geometry of almost para-quaternionic manifolds*, Diff. Geom. Appl. **27** (2009), pp. 575 - 588.
 6. Ianus, Stere; Mazzocco, Renzo; Vilcu, Gabriel Eduard, *Real lightlike hypersurfaces of paraquaternionic Kählermanifolds* Mediterr. J. Math. **3** (2006), no. 3-4, 581-592.
 7. Angelo V. Caldarella, *On paraquaternionic submersions between paraquaternionic Kähler manifolds*, Acta Applicandae Mathematicae **112** (2010) (1), pp. 1-14.
 8. Stere Ianus, Stefano Marchiafava, Gabriel Eduard Vilcu, *Paraquaternionic CR-submanifolds of paraquaternionic Kahlermanifolds and semi-Riemannian submersions*, Cent. Eur. J. Math. 8(4) 2010, 735-753.
 9. Gabriel Eduard Vilcu, Rodica Cristina Voicu, *Curvature properties of pseudo-sphere bundles over paraquaternionic manifolds*, Int. J. Geom. Methods Mod. Phys. Volume: 9, Issue: 3(2012) 1250024.
 10. Paul Dempster, *Time-like reductions of supergravity and black string solutions*, Thesis submitted in accordance with the requirements of the University of Liverpool for the degree of Doctor in Philosophy, September 23, 2014.
http://repository.liv.ac.uk/19913/1/DempsterPau_Sep2014_Sep2014_19913.pdf
 11. Gabriel-Eduard Vilcu, *Paraquaternionic CR-Submanifolds*, Chapter 13 of the book **Geometry of Cauchy-Riemann Submanifolds**, pp 361-390 Date: 01 June 2016.
- 41. "Nearly hypo structures and compact Nearly Kähler6-manifolds with conical singularities (with M. Ferná'ndez, V.Munoz and L. Ugarte), Journal London Math. Soc 78(2008), 580-604. IF - 0.809**
- цитирования - 40.*
1. Boyer, Charles P.; Galicki, Krzysztof, **Sasakian geometry**. Oxford Mathematical Monographs. Oxford University Press, Oxford, 2008.
 2. Diego Conti, *Cohomogeneity one Einstein-Sasaki 5-manifolds*, Commun. Math. Phys. **274** (2007), N. 3, 751-774.
 3. Andrei Moroianu, Liviu Ornea, *Conformally Einstein Products and Nearly Kähler Manifolds*, Ann. Glob. Anal. Geom. **33** (2008), 11-18.

4. Charles P. Boyer, Krzysztof Galicki, *Sasakian Geometry, Holonomy, and Supersymmetry* IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 39-83.
5. Sebastian Stock, *Lifting $SU(3)$ -structures to nearly parallel G_2 -structures*, J. Geom. Phys. 59, No. 1, 1-7 (2009).
6. Sebastian Stock, *Gauge Deformations and Embedding Theorems for Special Geometries*, arXiv:0909.5549.
7. Paul-Andi Nagy, *Connexions with totally skew-symmetric torsion and nearly-Kähler geometry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 347-398.
8. Fabian Schulte-Hengesbach, *Half-flat structures on Lie groups*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, 2010, available at <http://www.math.uni-hamburg.de/home/schulte-hengesbach/diss.pdf>
9. R. Mocanu, M.I. Munteanu, *Gray Curvature Identities for Almost Contact Metric Manifolds*, Journal of the Korean Mathematical Society, Volume: 47 Issue: 3 Pages: 505-521.
10. Diego Conti, *Embedding into manifolds with torsion*, Mathematische Zeitschrift, 2011, Volume 268, Numbers 3-4, Pages 725-751.
11. Lucio Bedulli, Luigi Vezzoni, *Torsion of $SU(2)$ -structures and Ricci curvature in dimension 5*, Differ. Geom. Appl. 27, No. 1, 85-99 (2009).
12. Lars Schäfer, Fabian Schulte-Hengesbach, *Nearly pseudo-Kähler and nearly para-Kähler six-manifolds*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 425-453.
13. Richard Cleyton, *Riemannian products which are conformally equivalent to Einstein metrics*, arXiv:0805.3630.
14. Raquel Villacampa, *Special metrics on complex manifolds*, Ph.D Thesis, University of Zaragoza, 2009.
15. Vicente Cortes, Thomas Leistner, Lars Schäfer, Fabian Schulte-Hengesbach, *Half-flat Structures and Special Holonomy*, Proc. Lond. Math. Soc. 3 **102**, (2011), 113-158.
16. Karl-Philip Gemmer, Olaf Lechtenfeld, Christoph Nölle, Alexander D. Popov, *Yang-Mills instantons on cones and sine-cones over nearly Kähler manifolds*, arXiv:1108.3951.
17. Derek Harland, Christoph Nölle, *Instantons and Killing spinors*, Journal of High Energy Physics 2012 (3), art. no. 082.
18. Schaefer Lars, *Foliations of Semi-Riemannian Manifolds*, Results in Mathematics Volume 61, Numbers 1-2 (2012), 97-126, DOI: 10.1007/s00025-010-0078-5.
19. Karigiannis, S., McKay, B., Tsui, M.-P., *Soliton solutions for the Laplacian co-flow of some G_2 -structures with symmetry*, Differential Geometry and its Application, Volume 30, Issue 4, August 2012, Pages 318-333.
20. Sebastian Stock, *Evolution of Geometries with torsion*, Inaugural-Dissertation zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Universität zu Köln, available at: <http://www.igt.uni-stuttgart.de/LstGeo/Semmelmann/Diplomarbeiten/stock-diss.pdf>
21. Jos Höll, *Geometric structures and special spinor fields*, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) am Fachbereich der Mathematik und Informatik der Philipps-Universität Marburg, 2014.
22. Severin Bunk, Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, *Instantons on conical half-flat 6-manifolds*, Journal of High Energy Physics January 2015, 2015:30. arXiv:1409.0030.
23. Severin Bunk, *A method of deforming G -structures*, Journal of Geometry and Physics Volume 96, October 2015, Pages 72-80.
24. Beniamino Cappelletti-Montano, Giulia Dileo, *Nearly Sasakian geometry and $SU(2)$ -structures*, Ann. Mat. Pura Appl. DOI:10.1007/s10231-015-0496-9.
25. Ilka Agricola, Simon G. Chiossi, Thomas Friedrich, Jos Höll, *Spinorial description of $SU(3)$ - and G_2 -manifolds*, Journal of Geometry and Physics, **98** (2015), 535-555.

26. Severin Bunk, *Heterotic Flux Compactifications with Sasakian Manifolds*, Master Thesis in Institut für Theoretische Physik Gottfried Wilhelm Leibniz Universität Hannover, 2014.
available at <https://www.itp.uni-hannover.de/lechtenf/Theses/bunk.pdf>
 27. David Morris, *Nearly Kaehler Geometry in Six Dimensions*, Department of Pure Mathematics, Imperial College London Submitted for the degree of MPhil September 15 th , 2014. available at:
<https://spiral.imperial.ac.uk:8443/bitstream/10044/1/23298/3/Morris-DM-2014-MPhil-Thesis.pdf>
 28. Lorenzo Foscolo, Mark Haskins, *New G_2 holonomy cones and exotic nearly Kaehler structures on the 6-sphere and the product of a pair of 3-spheres*, *Annals Math.* (2) **185** (2017), no. 1, 59-130.
 29. Anton F. Faedo, David Mateos, Javier Tarrío, *Three-dimensional super Yang-Mills with unquenched flavor* arXiv:1505.00210.
 30. R. Albuquerque, *Intrinsic Riemannian geometry of 3-dimensional manifolds*, arXiv:1504.04659
 31. Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, Richard J. Szabo, *Sasakian quiver gauge theories and instantons on cones over lens 5-spaces*, *Nuclear Physics B* **899** (2015) 848-903.
 32. Victor Manero, *Closed G_2 forms and special metrics*, Ph.D Thesys, Universidad del Pais Vasco, Bilbao 2015.
https://addi.ehu.es/bitstream/10810/16773/1/TESIS_VICTOR_MANERO_GARCIA.pdf
 33. R. Albuquerque, *Natural $SU(2)$ -structures on tangent sphere bundles*, arXiv:1604.05390.
 34. Alberto Raffero, *Non-integrable special geometric structures in dimensions six and seven*, Ph.D Thesis, Universita degli Studi di Torino, Dipartimento di Matematica Scuola di Dottorato in Scienze della Natura e Tecnologie Innovative Ciclo XXVIII, March 2016, Tutor: Prof. Anna Fino, Coordinatore del Dottorato: Prof. Ezio Venturino, Anni Accademici: 2013-2015 Settore Scienti co-disciplinare di afferenza: MAT/03.
[https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero thesis.pdf](https://iris.unito.it/retrieve/handle/2318/1557510/127217/Raffero%20thesis.pdf)
 35. Victor Manero, *Einstein $SU(3)$ and G_2 structures*, arXiv:1607.07775.
 36. Ilka Agricola, Aleksandra Borowka, Thomas Friedrich, *S^6 and the geometry of nearly Kahler 6-manifolds*, *Differential Geometry and its Applications* 4 November 2017 DOI: 10.1016/j.difgeo.2017.10.007.
 37. Lars Schäher, **Nearly Pseudo-Kähler Manifolds and Related Special Holonomies**, *Lecture Notes in Mathematics* Volume 2201, 2017; DOI 10.1007/978-3-319-65807-0
 38. Jesse Madnick, *Nearly-Kähler 6-Manifolds of Cohomogeneity Two: Local Theory*, arXiv:1710.05254.
 39. Salamon S. (2017) *Manifolds with Exceptional Holonomy*, In: Chiossi S., Fino A., Musso E., Podesta F., Vezzoni L. (eds) *Special Metrics and Group Actions in Geometry*. Springer INdAM Series, vol 23. Springer, Cham, pp.307-338.
 40. R.Albuquerque, *A fundamental differential system of 3-dimensional Riemannian geometry*, *Bulletin des Sciences Mathematiques* Volume 143, March 2018, Pages 82-107.
- 42. "Conformal equivalence between certain geometries in dimension 6 and 7 (with R. Cleyton), *Math. Res. Lett.* 15 (2008), 631-641. IF - 0.524**
цитирования - 17.
1. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, *Arch. Math.* (Brno) 42 (2006), suppl.,5–84.
 2. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, *IRMA Lectures in Mathematics and Theoretical Physics* Vol. 16, *Handbook of Pseudo-Riemannian Geometry and Supersymmetry*, (Ed. Vicente Cortes), 277-346.
 3. Andrei Moroianu, Liviu Ornea, *Conformally Einstein Products and Nearly Kähler Manifolds*, *Ann. Glob. Anal. Geom.* **33** (2008), 11-18, math.DG/0610599.
 4. Jean-Baptiste Butruille, *Espace de twisteurs d'une variete presque hermitienne de dimension 6*, *Ann. Inst. Fourier (Grenoble)* **57** (2007), no. 5, 1451–1485.
 5. Paul-Andi Nagy, *Connexions with totally skew-symmetric torsion and nearly-Kaehler geometry*, *IRMA Lectures in Mathematics and Theoretical Physics* Vol. 16, *Handbook of Pseudo-Riemannian Geometry and Supersymmetry*, (Ed. Vicente Cortes), 347-398.
 6. Paul-Andi Nagy, *Prolongations of Lie algebras and applications*, *J. Lie Theory*, Volume 23, Issue 1, 2013, Pages 1-33.

7. Oscar Macia, *A Nearly Quaternionic Structure on $SU(3)$* , Journal of Geometry and Physics **60** (5), pp. 791-798.
 8. Miguel Brozos-Vázquez, Eduardo García-Río, Peter Gilkey, Luis Hervella, *Geometric Realizability of Covariant Derivative Kähler Tensors for almost Pseudo-Hermitian and almost Para-Hermitian Manifolds*, arXiv:1012.4964.
 9. Sergey Grigorian, *Deformations of G_2 -structures with torsion*, Asian Journal of Mathematics, **20** (2016), 123-156.
 10. Sergey Grigorian, *G_2 -structure deformations and warped products*, arXiv:1110.4594.
 11. Y. Euha, J.H. Parka, K. Sekigawa, *Nearly Kähler manifolds with vanishing TricerrriIVvanhecke Bochner curvature tensor*, Differential Geometry and its Applications, Volume 27, Issue 2, April 2009, Pages 250-256.
 12. Sergey Grigorian, *Short-time behaviour of a modified Laplacian coflow of G_2 -structures*, arXiv:1209.4347.
 13. Sergey Grigorian, *Modified Laplacian coflow of G_2 -structures on manifolds with symmetry*, Differential Geometry and its Applications, Volume 46, June 2016, Pages 39-47.
 14. A. Haupt, *Yang-Mills solutions and $Spin(7)$ -instantons on cylinders over coset spaces with G_2 -structures*, Journal of High Energy Physics 2016(3), December 2015.
 15. Sergey Grigorian, *G_2 -structures for $N=1$ supersymmetric AdS_4 solutions of M -theory*, Classical and Quantum Gravity, Volume 35, Number 8, 2018, 085012.
 16. V. Manero, L. Ugarte, *Einstein warped G_2 and $Spin(7)$ manifolds*, arXiv:1805.05858.
 17. Marisa Fernandez, Anna Fino, Alberto Raffero, *On G_2 -structures, special metrics and related flows*, arXiv:1810.07587.
- 43. "Curvature decomposition of G_2 manifolds" (with Richard Cleyton), J. Geom. Phys 58 (2008), 1429-1449. IF - 0.683**
цитирования - 16.
1. Ilka Agricola, *The Srni lectures on non-integrable geometries with torsion*, Arch. Math. (Brno) 42 (2006), suppl., 5-84.
 2. Ilka Agricola, *Non-integrable geometries, torsion and holonomy*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 277-346.
 3. Paul-Andi Nagy, *Connexions with totally skew-symmetric torsion and nearly-Kähler geometry*, IRMA Lectures in Mathematics and Theoretical Physics Vol. 16, Handbook of Pseudo-Riemannian Geometry and Supersymmetry, (Ed. Vicente Cortes), 347-398.
 4. Karigiannis, S., McKay, B., Tsui, M.-P., *Soliton solutions for the Laplacian co-flow of some G_2 -structures with symmetry*, Differential Geometry and its Application, Volume 30, Issue 4, August 2012, Pages 318-333.
 5. Sebastian Stock, *Evolution of Geometries with torsion*, Inaugural-Dissertation zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Universität zu Köln, available at: <http://www.igt.uni-stuttgart.de/LstGeo/Semmelmann/Diplomarbeiten/stock-diss.pdf>
 6. Marisa Fernández, Anna Fino, Victor Manero, *Laplacian flow of closed G_2 -structures inducing nilsolitons*, arXiv:1310.1864.
 7. Boris Doubrov, Dennis The, *Maximally degenerate Weyl tensors in Riemannian and Lorentzian signatures*, Differential Geometry and its Applications, volume 34, issue, year 2014, pp. 25-44.
 8. Sergey Grigorian, *Modified Laplacian coflow of G_2 -structures on manifolds with symmetry*, Differential Geometry and its Applications Volume 46, June 2016, Pages 39-47.
 9. Sergey Grigorian, *G_2 -structures and octonion bundles*, Advances in Mathematics, volume 308, year 2017, pp. 142 - 207.
 10. Victor Manero, *Closed G_2 forms and special metrics*, Ph.D Thesys, Universidad del Pais Vasco, Bilbao 2015.
https://addi.ehu.es/bitstream/10810/16773/1/TESIS_VICTOR_MANERO_GARCIA.pdf
 11. Victor Manero, *Einstein $SU(3)$ and G_2 structures*, arXiv:1607.07775.

12. Anna Fino, Alberto Raffero, *Closed warped G_2 -structures evolving under the Laplacian flow*, arXiv:1708.00222.
 13. Sergey Grigorian, *G_2 -structures for $N=1$ supersymmetric AdS_4 solutions of M -theory*, Classical and Quantum Gravity, Volume 35, Number 8, 2018, 085012.
 14. V. Manero, L. Ugarte, *Einstein warped G_2 and Spin (7) manifolds*, arXiv:1805.05858.
 15. Anna Fino, Alberto Raffero, *A class of eternal solutions to the G_2 -Laplacian flow*, arXiv:1807.01128.
 16. Sergey Grigorian, *Flows of co-closed G_2 -structures*, arXiv:1811.10505, to appear in a forthcoming volume of the Fields Institute Communications, entitled "Lectures and Surveys on G_2 manifolds and related topics".
- 44. "Extremals for the Sobolev inequality on the seven dimensional quaternionic Heisenberg group and the quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), Journal Eur. Math. Soc., 12 (2010), pp. 1041-1067. IF - 1.353**
цитирания - 11.
1. Yang, QH, *Perturbation of Yamabe equation on Iwasawa N groups in presence of symmetry*, Acta mathematica Sinica-English Series, Volume: 26 Issue: 8 Pages: 1575 Published: AUG 2010.
 2. Wang, Wei, *The tangential Cauchy-Fueter complex on the quaternionic Heisenberg group* J. Geom. Phys. **61** (2011),no. 1, 363-380.
 3. Diego Conti, Marisa Ferna'ndez, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Lie groups*, to appear in Forum Math., arXiv:1110.5994.
 4. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
 5. Wang, W., *On the tangential Cauchy-Fueter operators on nondegenerate quadratic hypersurfaces in equation image*, Math. Nachr., 286: 1353-1376. doi: 10.1002/mana.201000119.
 6. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 7. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 8. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
 9. Hiroyuki Kamada and Shin Nayatani, *Quaternionic CR geometry*, Hokkaido Math. J. Volume 42, Number 2 (2013), 159-329.
 10. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 11. Michael Christ, Heping Liu, An Zhang, *Sharp Hardy-Littlewood-Sobolev Inequalities on Quaternionic Heisenberg Groups*, Nonlinear Analysis: Theory, Methods & Applications, Volume 130, January 2016, Pages 361-395.
- 45. "Conformal quaternionic contact curvature and the local sphere theorem"(with Dimiter Vassilev), Journal de Mathematiques Pures et Applique'es, 93 (2010), pp. 277-307. IF - 1.450**
цитирания - 13.
1. Christopher S. Kunkel, *Quaternionic contact normal coordinates*, arXiv:0807.0465.
 2. Erik van Erp, *Contact structures of arbitrary codimension and idempotents in the Heisenberg algebra*, arXiv:1001.5426.
 3. Jesse Alt, *Weyl connections and the local sphere theorem for quaternionic contact structures*, Ann. Glob. Anal. Geom. **39** No. 2, 165-186 (2011). .
 4. Diego Conti, Marisa Ferna'ndez, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Lie groups*, to appear in Forum Math., arXiv:1110.5994.
 5. Jesse Alt, *Essential Parabolic Structures and Their Infinitesimal Automorphisms*, SIGMA **7** (2011), 039, 16 pages.
 6. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.

7. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 8. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 9. Hiroyuki Kamada and Shin Nayatani, *Quaternionic CR geometry*, Hokkaido Math. J. Volume 42, Number 2 (2013), 159-329.
 10. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 11. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
 12. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $Sp(n+1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
 13. Ivan Minchev, Jan Slovak, *On the equivalence of quaternionic contact structures*, Ann. Global Ann. Geom., DOI: 10.1007/s10455-017-9580-2
 14. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90-100.
- 46. "Conformal Paracontact curvature and the local flatness theorem (with D. Vassilev and S. Zamkovoy), Geom. Dedicata 144 (2010), 79-100. IF - 0.364**
цитирования - 38.
1. Beniamino Cappelletti Montano, *Bi-Legendrian manifolds and paracontact geometry*, Int. J. Geom. Meth. Mod. Phys, 6, No. 3, 487-504 (2009).
 2. Joanna Welyczko, *Para-CR structures on almost paracontact metric manifolds*, arXiv:1202.6383.
 3. Beniamino Cappelletti Montano, Alfonso Carriazo, Verónica Martín-Molina, *Sasaki-Einstein and para Sasaki-Einstein metrics from (κ, μ) -structures*, J. Geom. Phys. **73** (2013) , pp. 20-36.
 4. Selcen Yuksel Perktas, Erol Kələç, *Biharmonic Curves in 3-dimensional Hyperbolic Heisenberg Group*, arXiv:1103.0684.
 5. E. Peyghan, A. Tayebi, E. Sharahi, *Almost Paracontact Finsler Structures on Vector Bundle*, Facta Universitatis, ser. Math and Inf. vol.33 (2018), 231-254. DOI Number <https://doi.org/10.22190/FUMI1802231P>
 6. Giovanni Calvaruso and Domenico Perrone, *Geometry of H-paracontact metric manifolds*, Publ. Math. Debrecen 86 (2015), no. 3-4, 325-346.
 7. Giovanni Calvaruso and Veronica Martin-Molina, *Paracontact metric structures on the unit tangent sphere bundle*, Annali di Matematica Pura e Applicata, May 2014, DOI 10.1007/s10231-014-0424-4.
 8. Veronica Martin-Molina, *Paracontact metric manifolds without a contact metric counterpart*, arXiv:1312.6518.
 9. Adara M. Blaga, *η -Ricci solitons on para-Kenmotsu manifolds*, arXiv:1402.0223.
 10. Cornelia Livia Bejan, Mircea Crasmareanu, *Second order parallel tensors and Ricci solitons in 3-dimensional normal paracontact geometry*, Ann. Glob. Anal. Geom., to appear.
 11. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 12. Adara M. Blaga, Mircea Crasmareanu, *Special connections in almost para-contact metric geometry*, preprint.
 13. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 14. Giovanni Calvaruso, Antonella Perrone, *Ricci solitons in three-dimensional paracontact geometry*, arXiv:1407.3458.
 15. Verónica Martín-Molina, *Local classification and examples of an important class of paracontact metric manifolds*, arXiv:1408.6784.
 16. Mircea Crasmareanu, Piscoran Laurian Ioan, *Invariant Distributions and Holomorphic Vector Fields in Paracontact Geometry*, Turk. J. Math. (2015), to appear.

17. Adara M. Blaga, *Canonical connections on para-Kenmotsu manifolds*, Novi Sad J. math. (2015), to appear.
18. Veronica Martin-Molina, *On a remarkable class of paracontact metric manifolds*, arXiv:1411.0962.
19. A. Bravetti and C S Lopez-Monsalvo, *Para-Sasakian geometry in thermodynamic fluctuation theory*, J. Phys. A: Math. Theor. 48 (2015) 125206 (21pp).
20. D.G. Prakasha, Kakasab K. Mirji, *On (κ, μ) -Paracontact Metric Manifolds*, Gen. Math. Notes, Vol. 25, No. 2, December 2014, pp.68-77 ISSN 2219-7184; Copyright c ICSRS Publication, 2014 www.i-csrs.org Available free online at <http://www.geman.in>
21. Giovanni Calvaruso, Marian Ioan Munteanu, Antonella Perrone, *Killing magnetic curves in three-dimensional almost paracontact manifolds*, J. Math. Anal. Appl. 426 (2015) 423-439.
22. C. Calin, M. Crasmareanu, *Magnetic Curves in Three-Dimensional Quasi-Para-Sasakian Geometry*, Mediterranean Journal of Mathematics May 2015 Date: 15 May 2015.
23. A.M. Blaga, *Invariant and holomorphic distributions on para-Kenmotsu manifolds*, Annali dell'universita'di Ferrara November 2014 Date: 28 Nov 2014.
24. A. Bravetti, C. S. Lopez-Monsalvo, F. Nettel, *Contact Symmetries and Hamiltonian Thermodynamics*, Annals of Physics 361, 377-400 (2015).
25. A. Bravetti, C.S. Lopez-Monsalvo, F. Nettel, *Conformal Gauge Transformations in Thermodynamics*, Entropy 2015, 17, 6150-6168.
26. D. G. Prakasha and K. K. Mirji, *On ϕ -Symmetric $N(k)$ -Paracontact Metric Manifolds*, Journal of Mathematics Volume 2015 (2015), Article ID 728298, 6 pages <http://dx.doi.org/10.1155/2015/728298>.
27. Adara Blaga, *Generalized dual connections on para-Kenmotsu manifolds*, BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE ISSN (p) 2303-4874, ISSN (o) 2303-4955 www.imvibl.org/JOURNALS/BULLETIN Vol. 7(2017), 165-171.
28. Cristian Ida, *Vanishing of Pontryagin Classes of Para-Sasakian Space Forms*, Taiwanese Journal of Mathematics, Vol. 20, No. 3, pp. 569-576.
29. Bejan, CL., Eken Meric, S., Kilic, E., *Legendre Curves on Generalized Paracontact Metric Manifolds*, Bull. Malays. Math. Sci. Soc. (2017). doi:10.1007/s40840-017-0475-y
30. Crasmareanu, M., Frigioiu, C., *Space-Like Slant Curves in Three-Dimensional Normal Almost Paracontact Geometry*, Iran J. Sci. Technol. Trans. Sci. (2017). doi:10.1007/s40995-017-0232-y
31. Giovanni Calvaruso, Antonella Perrone, *Classification of 3-dimensional left-invariant almost paracontact metric structures*, Adv. Geometry **17** 3, Published Online: 2017-07-22 | DOI: <https://doi.org/10.1515/advgeom-2017-0025>
32. Adara Blaga, Mircea Crasmareanu, *Statistical structures in almost paracontact geometry*, Bull. Iranian Math. Soc. 2017, published. <http://www.math.uaic.ro/mcrasm/depozit/1118.pdf>
33. Adara Blaga, *Invariant, anti-invariant and slant submanifolds of a para-Kenmotsu manifold*, BSG Proceedings, Vol. 24, 2017, pp. 19-28. Balkan Society of Geometers, Geometry Balkan Press 2017.
34. D.G. Prakasha, L. M. Fernandez, K. Mirji, *The M-projective curvature tensor field on generalized κ, μ -paracontact metric manifolds*, Georgian Mathematical Journal, November 2017, DOI10.1515/gmj-2017-0054
35. D. G. Prakasha, Pundikala Veerasha, *Para-Sasakian manifolds and *-Ricci solitons*, arXiv:1801.01727.
36. Abhishek Singh and Shyam Kishor, *Certain results on para-Kenmotsu manifolds equipped with M-projective curvature tensor*, Tbilisi Math. J. Volume 11, Issue 3 (2018), 125-132.
37. E. Peyghan, A., E. Sharahi, *Vector bundles and paracontact Finsler structures*, Facta Universitatis, ser. Math and Inf. vol.33 (2018), 231-254. DOI Number <https://doi.org/10.22190/FUMI1802231P>
38. Mircea Crasmareanu, *General adapted linear connections in almost paracontact and contact geometries*, preprint 2018.
47. "Non-Kaehler Heterotic String Compactifications with non-zero fluxes and constant dilaton (with Marisa Fernandez, Luis Ugarte and Raquel Villacampa), Comm. Math. Phys. **288** (2009), 677-697. IF - 2.067
цитированя - 56.

1. Hiroshi Kunitomo, Mitsuhsa Ohta , *Supersymmetric AdS₃ solutions in Heterotic Supergravity*, Prog. Theor. Phys. 122:631-657,2009, arXiv:0902.0655[hep-th].
2. Katrin Becker, Savdeep Sethi, *Torsional Heterotic Geometries*, Nucl. Phys. B **820** (2009), pp 1.arXiv:0903.3769.
3. Gueo Grantcharov, *Geometry of compact complex homogeneous spaces with vanishing first Chern class*, Adv. Math.**226** (2011), 3136-3159.
4. Alexander D. Popov, *Hermitian-Yang-Mills equations and pseudo-holomorphic bundles on nearly Kaehler and nearly Calabi-Yau twistor 6-manifolds*, Nucl. Phys. B **828** (2010) pp. 594 - 624,arXiv:0907.0106.
5. J. Gutowski, G. Papadopoulos, *Heterotic Black Horizons*, Journal of High Energy Physics 2010 (7);arXiv:0912.3472.
6. Valentino Tosatti, Ben Weinkove, *Estimates for the complex Monge-Ampere equation on Hermitian and balanced manifolds*, Asian J. Math. **14** (2010), no. 1, 19140.
7. Olaf Lechtenfeld, Christoph Nölle, Alexander D. Popov, *Heterotic compactifications on nearly Kähler manifolds*, JHEP1009:074,2010; arXiv:1007.0236.
8. Irina Bauer, Tatiana A. Ivanova, Olaf Lechtenfeld, Felix Lubbe, *Yang-Mills instantons and dyons on homogeneous G₂-manifolds* , Journal of High Energy Physics Volume 2010, Number 10 (2010), 44, DOI: 10.1007/JHEP10(2010)044; arXiv:1006.2388.
9. Bjorn Andreas, Mario Garcia-Fernandez, *Solutions of the Strominger System via Stable Bundles on Calabi-Yau Threefolds*, Communications in Mathematical Physics, Volume 315, Issue 1, (2012), pp.153-168.
10. Bjorn Andreas, Mario Garcia-Fernandez, *Heterotic Non-Kähler Geometries via Polystable Bundles on Calabi-Yau Three folds*, Journal of Geometry and Physics Volume 62, Issue 2, February 2012, Pages 1831188.
11. Alexander D. Popov, Richard J. Szabo, *Double quiver gauge theory and nearly Kähler flux compactifications*, to be published in JHEP, arXiv:1009.3208.
12. Christoph Nolle, *Homogeneous heterotic supergravity solutions with linear dilaton*, J. Phys. A: Math. Theor. **45** (2012) 045402.
13. Bjorn Andreas, Mario Garcia-Fernandez, *Solutions of the Strominger System via Stable Bundles on Calabi-Yau Threefolds*, VBAC 2011, Cambridge.
14. O. P. Santillan, *Killing-Yano tensors and some applications*, Journal of mathematical physics, **53** (2012) 043509, arXiv:1108.0149.
15. Indranil Biswas, *Principal bundles on compact complex manifolds with trivial tangent bundle*, Archiv der Mathematik Volume 96, Number 5 (2011), 409-416.
16. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
17. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
18. Indranil Biswas, *Invariant and homogeneous bundles on G/Γ*, Adv. Math. Volume 232, Issue 1, 15 January 2013, Pages 327-334.
19. Mario Garcia-Fernandez, *Generalized geometry and heterotic supergravity*, preprint Aarhus University 2012, available at:
<http://pure.au.dk/portal/files/52568111/HeteroticGeometry.pdf>
20. V. Balastenko, P. Dubovik, *Лево-инвариантные f-структуры на 5-мерной группе Гейзенберга H(2, 1)*, Вестник БГУ Сер.1.2013. no.3, pp. 112-117 available at:
<http://elib.bsu.by/bitstream/123456789/102094/1/112-117.pdf>
21. Michael Klaput, Andre Lukas, Cyril Matti, Eirik E. Svanes, *Moduli Stabilising in Heterotic Nearly Kähler Compactifications*, Journal of High Energy Physics 2013 (1) , art. no. 015.
22. Mario Garcia-Fernandez, *Torsion-free generalized connections and Heterotic Supergravity* arXiv:1304.4294.
23. Lara B. Anderson, James Gray, Eric Sharpe, *Algebroids, Heterotic Moduli Spaces and the Strominger System*, arXiv:1402.1532.
24. Severin Bunk, Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, *Instantons on conical half-flat 6-manifolds*, Journal of High Energy Physics January 2015, 2015:30, arXiv:1409.0030.

25. Bjorn Andreas, Mario Garcia-Fernandez, *Note on Solutions of the Strominger System from Unitary Representations of Cocompact Lattices of $SL(2, \mathbb{C})$* , Communications in Mathematical Physics, March 2014, DOI 10.1007/s00220-014-1920-5.
26. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 1112, pp 53911595, <https://doi.org/10.1007/s00208-016-1463-5>
27. Teng Fei, *A Construction of Non-Kähler Calabi-Yau Manifolds and New Solutions to the Strominger System*, Advances in Mathematics, **302**, 2016, pp. 529 - 550.
28. S.W. Beck, J.B. Gutowski, G. Papadopoulos, *Geometry and supersymmetry of heterotic warped flux AdS backgrounds*, arXiv:1505.01693.
29. Fu, Ji-Xiang; Tseng, Li-Sheng; Yau, Shing-Tung, *Local heterotic torsional models*, Comm. Math. Phys. **289** (2009), no. 3, 1151–1169.
30. J. Fu, *On non-Kähler Calabi-Yau threefolds with balanced metrics*, Proceedings of the International Congress of Mathematics 2010, ICM 2010, Vol. II (Invited Lectures), Hyderabad, India 2010, Ed. Hindustan Book Agency, pp. 705-716.
31. Tseng, Li-Sheng; Yau, Shing-Tung, *Non-Kähler Calabi-Yau manifolds*, Proc. Symposia in Pure Math, **85** (2012), 241-254.
32. Teng Fei, Shing-Tung Yau, *Invariant Solutions to the Strominger System on Complex Lie Groups and Their Quotients*, Comm. Math. Phys. **338** (2015), 1183-1195.
33. Teng Fei, *Some Local Models of Heterotic Strings*, arXiv:1508.05566.
34. Victor Manero, *Closed G_2 forms and special metrics*, Ph.D Thesis, Universidad del Pais Vasco, Bilbao 2015.
https://addi.ehu.es/bitstream/10810/16773/1/TESIS_VICTOR_MANERO_GARCIA.pdf
35. Adela Latorre, *Geometry of nilmanifolds with invariant complex structures*, Ph. D Thesis, Universidad Zaragoza, 2016.
36. Teng Fei, *On the Geometry of the Strominger System* Ph.D Thesis MIT-2016.
Submitted to the Department of Mathematics of MIT on April 29, 2016, in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Mathematics.
<http://hdl.handle.net/1721.1/104598>
<http://math.mit.edu/~tfei/Thesis.pdf>
37. Mario Garcia-Fernandez, *Lectures on the Strominger system*, arXiv:1609.02615.
38. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *The anomaly flow and the Fu-Yau equation*, arXiv:1610.02740.
39. Mario Garcia-Fernandez, *Ricci flow, Killing spinors, and T-duality in generalized geometry*, arXiv:1611.08926.
40. Slawomir Dinew, *Pluripotential theory on compact Hermitian manifolds*, Annales de la faculte des sciences de Toulouse Ser. 6, 25 no. 1 (2016), p. 91-139, doi: 10.5802/afst.1488
41. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *Geometric flows and Strominger systems*, Mathematische Zeitschrift 4 August 2015 DOI: 10.1007/s00209-017-1879-y
42. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *The Fu-Yau equation with negative slope parameter*, Article in Inventiones mathematicae, February 2016, DOI:10.1007/s00222-016-0715-z
43. Teng Fei, Zhijie Huang, Sebastien Picard, *A Construction of Infinitely Many Solutions to the Strominger System*, arXiv:1703.10067.
44. D. Angella, *SageMath experiments in Differential and Complex Geometry*, arXiv:1704.04175.
45. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *The Anomaly flow on unimodular Lie groups*, arXiv:1705.09763.
46. Samuel Beck, *Global and Local Aspects of Supersymmetric Anti-de Sitter Spaces*, A thesis presented for the degree of Doctor of Philosophy, Department of Mathematics Kings College London United Kingdom October 19, 2016.
https://kclpure.kcl.ac.uk/portal/files/73269081/2017_Beck_Samuel_thesis.pdf
47. Teng Fei, Zhijie Huang, Sebastien Picard, *The Anomaly flow over Riemann surfaces*, arXiv:1711.08186.

48. Duong Phong, Sebastien Picard, Xiangwen Zhang, *Supersymmetric String Vacua with Torsion and Geometric Flows*, Proceedings of Science (PoS) CORFU2016 (2017) 096.
49. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *A flow of conformally balanced metrics with Kahler fixed points*, arXiv:1805.01029.
50. Magdalena Larfors, Andre Lukas, Fabian Ruehle, *Calabi-Yau Manifolds and $SU(3)$ Structure*, arXiv:1805.08499.
51. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *New curvature flows in complex geometry*, arXiv:1806.11235.
52. Teng Fei, *Generalized Calabi-Gray Geometry and Heterotic Superstrings*, arXiv:1807.08737.
53. Sebastien Picard, *The Hull-Strominger System in Complex Geometry*, Ph.D. Thesis in the Graduate School of Arts and Sciences, COLUMBIA UNIVERSITY 2018. file:///D:/Thesys/Picard_columbia_0054D_14538.-StromingerSystempdf.pdf
54. Mario Garcia-Fernandez, *T-dual solutions of the Hull-Strominger system on non-Kähler threefolds*, arXiv:1810.04740.
55. Huang, Zhijie, *The coupled Ricci flow and the anomaly flow over Riemann surface*, PhD Thesis, Columbia University, 2018, <https://academiccommons.columbia.edu/doi/10.7916/D8WH4642> <https://doi.org/10.7916/D8WH4642>
56. Slawomir Dinew, *Lectures on pluripotential theory on compact hermitian manifolds*, Preprint 2018, <http://php.math.unifi.it/users/cime/Courses/2018/03/201831-Notes.pdf>
- 48. "Compact supersymmetric solutions of the heterotic equations of motion in dimensions 7 and 8 (with Marisa Fernandez, Luis Ugarte and Raquel Villacampa), Advances in Theoretical and Mathematical Physics, vol. 15 (2011), 245-284. IF - 0.855**
цитированя - 13.
1. Hiroshi Kunitomo, Mitsuhsa Ohta, *Supersymmetric AdS_3 solutions in Heterotic Supergravity*, Prog. Theor. Phys. 122:631-657,2009, arXiv:0902.0655[hep-th].
 2. Alexander D. Popov, *Hermitian-Yang-Mills equations and pseudo-holomorphic bundles on nearly Kahler and nearly Calabi-Yau twistor 6-manifolds*, Nucl. Phys. B **828** (2010) pp. 594 - 624, arXiv:0907.0106.
 3. O. P. Santillan, *Killing-Yano tensors and some applications*, Journal of Mathematical Physics, 53 (2012) 043509, arXiv:1108.0149.
 4. Marco Freibert, *Cocalibrated G_2 -structures on products of four- and three-dimensional Lie groups*, Diff. Geom. Appl. **31** (3) 2013, pp. 349-373.
 5. Marco Freibert, *Geometric structures on Lie algebras and the Hitchin flow*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, Hamburg 2013.
 6. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 7. Kazuki Hinoue, Yukinori Yasui, *Heterotic Solutions with G_2 and $Spin(7)$ Structures*, JP Journal of Geometry and Topology 17.1 (Feb 2015): 17-48.
 8. Victor Manero, *Closed G_2 forms and special metrics*, Ph.D Thesys, Universidad del Pais Vasco, Bilbao 2015. https://addi.ehu.es/bitstream/10810/16773/1/TESIS_VICTOR_MANERO_GARCIA.pdf
 9. Teng Fei, *On the Geometry of the Strominger System* Ph.D Thesis MIT-2016. Submitted to the Department of Mathematics of MIT on April 29, 2016, in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Mathematics. <http://hdl.handle.net/1721.1/104598> <http://math.mit.edu/~tfei/Thesis.pdf>
 10. Andrew Clarke, Mario Garcia-Fernandez, Carl Tipler, *Moduli of G_2 structures and the Strominger system in dimension 7*, arXiv:1607.01219.
 11. Vicente Munoz, Carlos S. Shahbazi, *Construction of the moduli space of $Spin(7)$ -instantons*, arXiv:1611.04127.

12. Sergey Grigorian, *G₂-structures for N=1 supersymmetric AdS₄ solutions of M-theory*, Classical and Quantum Gravity, Volume 35, Number 8, 2018, 085012.
13. Sebastien Picard, *The Hull-Strominger System in Complex Geometry*, Ph.D. Thesis in the Graduate School of Arts and Sciences, COLUMBIA UNIVERSITY 2018. file:///D:/Thesys/Picard_columbia_0054D_14538.-StromingerSystempdf.pdf
49. **"Quaternionic contact manifolds with a closed fundamental 4-form (with Dimiter Vassilev), Bull. London Math. Soc. 42 (2010), 1021-1030. IF - 0.630**
цитирания - 8.
1. Diego Conti, Marisa Ferna'ndez, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Lie groups*, to appear in Forum Math., arXiv:1110.5994.
 2. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
 3. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 4. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 5. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 6. I. Agricola, A. Ferreira, R. Storm, *Quaternionic Heisenberg groups as naturally reductive homogeneous spaces*, to appear in Int. J. Geom. Methods Modern Phys (IJGMMP), arXiv:1503.08350.
 7. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of Sp(n + 1, 1)*, Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
 8. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90-100.
50. **"Compact supersymmetric solutions of the heterotic equations of motion in dimension 5 (with Marisa Ferna'ndez, Luis Ugarte and Raquel Villacampa), Nuclear Physics B 820 (2009), 483-502. IF - 4.341**
цитирания - 5.
1. Hiroshi Kunitomo, Mitsuhsa Ohta , *Supersymmetric AdS₃ solutions in Heterotic Supergravity*, Prog. Theor. Phys. 122:631-657,2009, arXiv:0902.0655[hep-th].
 2. Sonke Rollenske, *Dolbeault cohomology of nilmanifolds with left-invariant complex structure*, to appear in the Proceedings of the Hannover conference on "Complex and Differential Geometry" 14-18 September 2009, arXiv:1006.4224.
 3. O. P. Santillan, *Killing-Yano tensors and some applications*, Journal of Mathematical Physics, 53 (2012) 043509, arXiv:1108.0149.
 4. Tsuyoshi Houri, Hiroshi Takeuchi, Yukinori Yasui, *A Deformation of Sasakian Structure in the Presence of Torsion and Supergravity Solutions*, Class. Quant. Grav. 30:135008,2013, arXiv:1207.0247.
 5. Diego Conti, Thomas Bruun Madsen, *The odd side of torsion geometry*, Annali di Matematica Pura ed Applicata (1923 -) August 2014, Volume 193, Issue 4, pp 1041-1067.
51. **"Heterotic supersymmetry, anomaly cancellation and equations of motion Phys. Lett. B, 685 (2010), 190-196. IF - 5.255**
цитирания - 49.
1. Luis Ugarte, Raquel Villacampa, *Non-nilpotent complex geometry of nilmanifolds and heterotic supersymmetry*, Asian J. Math. Volume 18, Number 2 (2014), 229-246. arXiv:0912.5110.
 2. Olaf Lechtenfeld, Christoph Nölle, Alexander D. Popov, *Heterotic compactifications on nearly Kähler manifolds*, JHEP1009:074,2010; arXiv:1007.0236.
 3. Bjorn Andreas, Mario Garcia-Fernandez, *Solutions of the Strominger System via Stable Bundles on Calabi-Yau Threefolds*, Communications in Mathematical Physics, Volume 315, Issue 1, (2012) pp.153-168.
 4. Alexander D. Popov, Richard J. Szabo, *Double quiver gauge theory and nearly Kahler flux compactifications*, to be published in JHEP, arXiv:1009.3208.

5. Christoph Nolle, *Homogeneous heterotic supergravity solutions with linear dilaton*, J. Phys. A: Math. Theor. 45 (2012) 045402.
6. Dario Martelli, James Sparks, *Non-Kähler heterotic rotations*, Adv. Theor. Math. Phys. 15 (2011) 131-174, arXiv:1010.4031.
7. David Andriot, *Heterotic string from a higher dimensional perspective*, Nuclear Physics B Volume 855, Issue 2, 11 February 2012, Pages 222-267 arXiv:1102.1434[hep-th].
8. Luis Ugarte, Raquel Villacampa, *Balanced Hermitian geometry on 6-dimensional nilmanifolds*, arXiv:1104.5524.
9. Derek Harland, Christoph Nölle, *Instantons and Killing spinors*, Journal of High Energy Physics 2012 (3), art. no. 082.
10. Bjorn Andreas, Mario Garcia-Fernandez, *Solutions of the Strominger System via Stable Bundles on Calabi-Yau Threefolds*, VBAC 2011, Cambridge.
11. Karl-Philip Gemmer, Alexander S. Haupt, Olaf Lechtenfeld, Christoph Nülle, Alexander D. Popov, *Heterotic string plus five-brane systems with asymptotic AdS3*, arXiv:1202.5046.
12. Athanasios Chatzistavrakidis, Olaf Lechtenfeld, Alexander D. Popov, *Nearly Kähler heterotic compactifications with fermion condensates*, arXiv:1202.1278.
13. Cyril Matti, *Generalized Compactification in Heterotic String Theory*, arXiv:1204.3247 (D.Phil. thesis, Lincoln College, University of Oxford).
14. Mario Garcia-Fernandez, *Generalized geometry and heterotic supergravity*, preprint Aarhus University 2012, available at:
<http://pure.au.dk/portal/files/52568111/HeteroticGeometry.pdf>
15. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
16. C. Nolle, *Instantons, five-branes and fractional strings*, arXiv:1207.7268.
17. Michael Klaput, Andre Lukas, Cyril Matti, Eirik E. Svanes, *Moduli Stabilising in Heterotic Nearly Kähler Compactifications*, Journal of High Energy Physics 2013 (1), art. no. 015.
18. Indranil Biswas, Avijit Mukherjee, *Solutions of Strominger system from unitary representations of cocompact lattices of $SL(2, \mathbb{C})$* , Comm. Math. Phys. (2013), arXiv:1301.0375.
19. Mario Garcia-Fernandez, *Torsion-free generalized connections and Heterotic Supergravity* arXiv:1304.4294.
20. Bjorn Andreas, Mario Garcia-Fernandez, *Note on Solutions of the Strominger System from Unitary Representations of Cocompact Lattices of $SL(2, \mathbb{C})$* , Communications in Mathematical Physics, March 2014, DOI 10.1007/s00220-014-1920-5.
21. Ilarion V. Melnikov, Ruben Minasian, Savdeep Sethi, *Heterotic fluxes and supersymmetry*, arXiv:1403.4298 [hep-th].
22. Xenia de la Ossa, Eirik E. Svanes, *Holomorphic Bundles and the Moduli Space of $N=1$ Heterotic Compactifications*, arXiv:1402.1725 [hep-th].
23. Travis Maxfield, Savdeep Sethi, *Domain Walls, Triples and Acceleration*, arXiv:1404.2564. [hep-th]
24. Xenia de la Ossa, Eirik Eik Svanes, *Connections, Field Redefinitions and Heterotic Supergravity*, arXiv:1409.3347. [hep-th]
25. A.S. Haupt, O. Lechtenfeld, E.T. Musaev, *Order α' heterotic domain walls with warped nearly Kähler geometry*, Journal of High Energy Physics, (JHEP) Volume 2014, article id. #152, 28 pp.
26. Severin Bunk, *Heterotic Flux Compactifications with Sasakian Manifolds*, Master Thesis in Institut für Theoretische Physik Gottfried Wilhelm Leibniz Universität Hannover, 2014.
available at <https://www.itp.uni-hannover.de/lechtenf/Theses/bunk.pdf>
27. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *Exploring $SU(3)$ Structure Moduli Spaces with Integrable G_2 Structures*, Adv. Theor. Math. Physics, Volume 19 (2015) Number 4, 837-903.
28. Kazuki Hinoue, Yukinori Yasui, *Heterotic Solutions with G_2 and $Spin(7)$ Structures*, JP Journal of Geometry and Topology 17.1 (Feb 2015): 17-48.
29. Eirik Eik Svanes, *Moduli in General $SU(3)$ -Structure Heterotic Compactifications*, arXiv:1411.6696; A thesis submitted for the degree of Doctor of Philosophy, Trinity 2014, University of Oxford.

30. Severin Bunk, *A method of deforming G-structures*, Journal of Geometry and Physics Volume 96, October 2015, Pages 72-80.
31. Dan Israel, *Two-dimensional views into four-dimensional physics*. High Energy Physics - Theory. Universite Pierre et Marie Curie, Habilitation Thesis, 2014.
HAL Id: tel-01095636 <https://tel.archives-ouvertes.fr/tel-01095636>
32. Severin Bunk, Olaf Lechtenfeld, Alexander D. Popov, Marcus Sperling, *Instantons on conical half-flat 6-manifolds*, Journal of High Energy Physics January 2015, 2015:30, arXiv:1409.0030.
33. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 1-2, pp 539-595, <https://doi.org/10.1007/s00208-016-1463-5>
34. Xenia de la Ossa, Edward Hardy, Eirik Eik Svanes, *The Heterotic Superpotential and Moduli*, arXiv:1509.08724.
35. N. Halmagyi, D. Israel, E.E. Svanes, *The Abelian Heterotic Conifold*, arXiv:1601.07561.
36. Sergiu I. Vacaru, *Heterotic Supergravity with Internal Almost Kähler Configurations and Nonholonomic Gravitational and Gauge Instantons*, preprint 2016.
37. Sergiu I. Vacaru, Klee Irwin *Off-Diagonal Deformations of Kerr Metrics and Black Ellipsoids in Heterotic Supergravity*, Eur. Phys. J. C (2017) 77: 17. doi:10.1140/epjc/s10052-016-4583-x.
38. A. Otal, L. Ugarte, R. Villacampa, *Invariant solutions to the Strominger system and the heterotic equations of motion*, Nuclear Physics B, Volume 920, July 2017, Pages 442-474.
39. P Candelas, X de la Ossa, J McOrist, *A Metric for Heterotic Moduli*, Communications in Mathematical Physics December 2017, Volume 356, Issue 2, pp 567- 612. <https://doi.org/10.1007/s00220-017-2978-7>
40. Andrew Clarke, Mario Garcia-Fernandez, Carl Tipler, *Moduli of G_2 structures and the Strominger system in dimension 7*, arXiv:1607.01219.
41. Laurentiu Bubuianu, Klee Irwin, Sergiu I Vacaru, *Heterotic supergravity with internal almost-Kähler spaces; instantons for $SO(3,2)$, or $E_{8 \times E_8}$, gauge groups; and deformed black holes with soliton, quasiperiodic and/or pattern-forming structures* Classical and Quantum Gravity, Volume 34, Number 7, 075012
42. Mario Garcia-Fernandez, *Lectures on the Strominger system*, arXiv:1609.02615.
43. Vicente Munoz, Carlos S. Shahbazi, *Construction of the moduli space of Spin (7)-instantons*, arXiv:1611.04127.
44. Mario Garcia-Fernandez, *Ricci flow, Killing spinors, and T-duality in generalized geometry*, arXiv:1611.08926.
45. Xenia de la Ossa, Magdalena Larfors, Eirik E. Svanes, *The infinitesimal moduli space of heterotic G_2 systems*, Communications in Mathematical Physics 4 April 2017 DOI: 10.1007/s00220-017-3013-8
46. Matthieu Sarkis, *Compactifications heterotiques avec flux*, THESE DE DOCTORAT, UNIVERSITE PIERRE ET MARIE CURIE-Paris VI Specialite : Physique Theorique Ecole doctorale : "Physique en Ile-de-France" realisee au Laboratoire de Physique Theorique et Hautes Energies, June 2017.
<https://tel.archives-ouvertes.fr/tel-01666040/document>
47. Anthony Ashmore, Xenia de la Ossa, Ruben Minasian, Charles Strickland-Constable, Eirik Eik Svanes, *Finite deformations from a heterotic superpotential: holomorphic Chern-Simons and an L_∞ algebra*, arXiv:1806.08367.
48. Xenia de la Ossa, Marc-Antoine Fiset, *\mathfrak{g} -structure symmetries and anomalies in $(1, 0)$ non-linear σ -models*, arXiv:1809.01138.
49. Mario Garcia-Fernandez, *T-dual solutions of the Hull-Strominger system on non-Kähler threefolds*, arXiv:1810.04740.
52. **"Quaternionic Kaehler and Spin(7) metrics arising from quaternionic contact Einstein structures (with Luis C. de Andres, Marisa Fernandez, Jose A. Santisteban, Luis Ugarte and Dimiter Vassilev), and arXiv:0903.1398, Annali di matematica Pura ed Applicata, Volume 193, Issue 1 (2014), Page 261-290; IF - 1.065**
цитирования - 7.

1. Malin Goteman, Ulf Lindstrom, *Pseudo-hyperkahler Geometry and Generalized Kahler Geometry*, Lett. Math. Phys. **95** (2011), no. 3, 211-222.

2. Marco Freibert, *Geometric structures on Lie algebras and the Hitchin flow*, Dissertation zur Erlangung des Doktorgrades der Fakultät für Mathematik, Informatik und Naturwissenschaften der Universität Hamburg, Hamburg 2013.
 3. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
 4. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $\mathrm{Sp}(n+1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
 5. Malte Dyckmanns, *The hyper-Kähler/quaternionic Kähler correspondence and the geometry of the c-map* Dissertation zur Erlangung des Doktorgrades an der Fakultät für Mathematik, Informatik und Naturwissenschaften Fachbereich Mathematik der Universität Hamburg, Hamburg, 2015.
<http://ediss.sub.uni-hamburg.de/volltexte/2015/7542/pdf/Dissertation.pdf>
 6. A. Santi, *Almost CR quaternionic manifolds and their immersibility in HP^n* , arXiv:1311.4072.
 7. Marco Freibert, *$SU(4)$ -holonomy via the left-invariant hypo and Hitchin flow*, Annali di Matematica Pura ed Applicata, DOI: 10.1007/s10231-017-0714-8.
- 53. "The optimal constant in the L^2 Folland-Stein inequality on the quaternionic Heisenberg group (with Ivan Minchev and Dimiter Vassilev), Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) Vol. XI (2012), 635-652; IF - 0.683**
цитирования - 6
1. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 2. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
 3. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
 4. Hiroyuki Kamada and Shin Nayatani, *Quaternionic CR geometry*, Hokkaido Math. J. Volume 42, Number 2 (2013), 159-329.
 5. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 6. Michael Christ, Heping Liu, An Zhang, *Sharp Hardy-Littlewood-Sobolev Inequalities on Quaternionic Heisenberg Groups*, Nonlinear Analysis: Theory, Methods & Applications, Volume 130, January 2016, Pages 361-395.
- 54. "The twistor space of a quaternionic contact manifold (with Johan Davidov and Ivan Minchev), Quart. J. Math. Oxford **63** (2012), no. 4, 873-890. IF - 0.617**
цитирования - 4.
1. Jesse Alt, *On the twistor space of a quaternionic contact manifold*, J. Geom. Phys. 61, No. 10, 1783-1788 (2011).
 2. Diego Conti, Marisa Ferna'ndez, Jose' A. Santisteban, *On seven dimensional quaternionic contact solvable Lie groups*, to appear in Forum Math., arXiv:1110.5994.
 3. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 4. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
- 55. "HKT manifolds with holonomy $\mathrm{SL}(n, \mathbb{H})$ (with Alexander Petkov), Int. Math. Res. Notices IMRN 2012, no. 16, 3779-3799 IF - 1.116**
цитирования - 4.
1. F. Delduca, E. Ivanov, *$N=4$ mechanics of general $(4,4,0)$ multiplets*, Nuclear Physics B Volume 855, Issue 3, 21 February 2012, Pages 815-853.
 2. Gueo Grantcharov, Misha Verbitsky, *Calibrations in hyperkahler geometry*, Commun. Contemp. Math. 2013. Vol. 15, no. 2. P. 1250060, 27.

3. Andrei Soldatenkov, *Geometry of hyper-complex manifolds (in russian)*, Ph.D Dissertation, Moscow, 2014. http://www.iitp.ru/upload/content/1104/Dis_Soldatenkov.pdf
 4. T. Kimura, S. Sasaki, M. Yata, *Hyper-Kaehler with torsion, T-duality, and defect (p, q) five-branes* - Journal of High Energy Physics, (JHEP) 03 (2015) 076.
- 56. "Bianchi type A hyper-symplectic metrics and hyper-Kaehler metrics in 4d (with Luis C. de Andre's, Marisa Ferna'ndez, Jose A. Santisteban, Luis Ugarte and Dimiter Vassilev), Class. Quantum Grav., 29 (2012) 025003, arXiv:1102.1518. IF - 3.562**
- цитирования - 2*
1. A.M. Ghezelbash and R. Oraji, *Supergravity solutions of two M2 branes*, JHEP 10 (2013), 012.
 2. P. Antunes and J. M. Nunes da Costa, *Induced hypersymplectic and hyperkähler structures on the dual of a Lie algebroid*, Int. J. Geom. Methods Mod. Phys. 11, 1460030 (2014) [9 pages] DOI: 10.1142/S0219887814600305
- 57. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold (with Alexander Petkov, Dimiter Vassilev), J. Geom. Analysis, 24 (2014), no. 2, 595-612. IF - 0.867 (2013)**
- цитирования - 7*
1. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
 2. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 3. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
 4. Fabrice Baudoin, Bumsik Kim, *The Lichnerowicz-Obata theorem on sub-Riemannian manifolds with transverse symmetries*, J. Geom. Anal. January 2016, Volume 26, Issue 1, pp 156-170.
 5. Feifan Wu and Wei Wang, *The Bochner-Type Formula and The First Eigenvalue of the sub-Laplacian on a Contact Riemannian Manifold*, Differential Geom. Appl. **37** (2014), 66-88.
 6. Bumsik Kim, *Functional inequalities and the curvature dimension inequality on totally geodesic foliations*, (2015). Open Access Dissertations . 487. http://docs.lib.purdue.edu/open_access_dissertations/487
 7. Stine Marie Berge, Erlend Grong, *A Lichnerowicz estimate for the spectral gap of a sub-Laplacian*, arXiv:1708.05835.
- 58. "Vanishing theorems on (l|k)-strong Kaehler manifolds with torsion (with George Papadopoulos), Adv. Math. 237 (2013), 147-164. IF - 1.353**
- цитирования - 13.*
1. Dan Popovici, *Aeppli Cohomology Classes Associated with Gauduchon Metrics on Compact Complex Manifolds*, Bull. Soc. Math. France 143 (2015), no. 4, 763-800.
 2. Jixiang Fu, Xianchao Zhou, *Twistor geometry of Riemannian 4-manifolds by moving frames*, Comm. Anal. Geom. 23 (2015), no. 4, 819-839.
 3. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, Trans. Amer. Math. Soc. DOI: <https://doi.org/10.1090/tran/7000> Published electronically: March 17, 2017
 4. Lucia Alessandrini, *Holomorphic submersions onto Kaehler or balanced manifolds*, Tohoku Math. J. (2) 68 (2016), no. 4, 607-619.
 5. Daniele Angella, Luis Ugarte, *Locally conformal Hermitian metrics on complex non-Kähler manifolds*, Mediterranean Journal of Mathematics (2015), pp 1-41.
 6. Anna Fino, Luigi Vezzoni, *On the existence of balanced and SKT metrics on nilmanifolds*, Proc. American Math. Soc. (PAMS) **144** (2016), 2455-2459.
 7. Adela Latorre, *Geometry of nilmanifolds with invariant complex structures*, Ph. D Thesis, Universidad Zaragoza, 2016.
 8. Adela Latorre, Luis Ugarte, *On non-Kähler compact complex manifolds with balanced and astheno-Kähler metrics*, Comptes Rendus Mathématique Volume 355, Issue 1, January 2017, Pages 90-93.

9. Marco Freibert, Andrew Swann, *The shear construction*, Geometriae Dedicata 2017, DOI 10.1007/s10711-018-0330-9.
 10. A. Latorrea, L. Ugarte, R. Villacampa, *On generalized Gauduchon nilmanifolds*, Differential Geometry and its Applications (2017) <http://dx.doi.org/10.1016/j.difgeo.2017.03.016>
 11. Adela Latorre, Luis Ugarte, Raquel Villacampa, *A family of complex nilmanifolds with infinitely many real homotopy types*, arXiv:1712.07820.
 12. Otal A., Ugarte L., Villacampa R. (2017) *Hermitian Metrics on Compact Complex Manifolds and Their Deformation Limits* In: Chiossi S., Fino A., Musso E., Podesta F., Vezzoni L. (eds) Special Metrics and Group Actions in Geometry. Springer INdAM Series, vol 23. Springer, Cham, pp. 269-290.
 13. Mario Garcia-Fernandez, Roberto Rubio, Carlos Shahbazi, Carl Tipler, *Canonical metrics on holomorphic Courant algebroids*, arXiv:1803.01873.
- 59. "An Obata type result for the first eigenvalue of the sub-Laplacian on a CR manifold with a divergence free torsion (with Dimiter Vassilev), J. Geom., Volume 103, Issue 3 (2012), Page 475-504.**

цитирования - 13.

1. Song-Ying Li, Xiaodong Wang, *An Obata-type Theorem in CR Geometry*, J. Diff. Geom. **95** (2013), 483-502; rXiv:1207.4033.
 2. F. Baudoin, J. Wang, *Curvature dimension inequalities and subelliptic heat kernel gradient bounds on contact manifolds*, Potential Anal. **40** (2014), 163-193.
 3. Fabrice Baudoin, Bumsik Kim, *The Lichnerowicz-Obata theorem on sub-Riemannian manifolds with transverse symmetries*, J. Geom. Anal. January 2016, Volume 26, Issue 1, pp 156-170.
 4. Amine Aribi, Sorin Dragomir1, Ahmad El Soufi, *A lower bound on the spectrum of the sublaplacian*, J. Geom. Anal. (2014), 27 pages, in press.
 5. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 6. Asma Hassannezhad, Gerasim Kokarev, *Sub-Laplacian eigenvalue bounds on sub-Riemannian manifolds*, Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) **16** (2016), no. 4, 1049-1092.
 7. Feifan Wuand Wei Wang, *The Bochner-Type Formula and The First Eigenvalue of the sub-Laplacian on a Contact Riemannian Manifold*, Differential Geom. Appl. **37** (2014), 66-88.
 8. Duong Ngoc Son, *The Schwarzian derivative and Möbius equation on strictly pseudo-convex CR manifolds*, arXiv:1512.01663.
 9. Amine Aribi, Ahmad El Soufi, *The first positive eigenvalue of the sub-Laplacian on CR spheres*, Ann Glob Anal Geom (2017) **51**: 1. doi:10.1007/s10455-016-9519-z.
 10. Song-Ying Li, Guijuan Lin, Duong Ngoc Son, *The sharp upper bounds for the first positive eigenvalue of Kohn-Laplacian on compact strictly pseudoconvex hypersurfaces*, Math. Z. (2018) **288**: 949. <https://doi.org/10.1007/s00209-017-1922-z>
 11. Bumsik Kim, *Functional inequalities and the curvature dimension inequality on totally geodesic foliations*, (2015). Open Access Dissertations . 487. http://docs.lib.purdue.edu/open_access_dissertations/487
 12. Christoph Martin Stadtmüller, *Horizontal Dirac Operators in CR Geometry*, PH.D. Thesis, Humboldt University Berlin, July 2017. <https://edoc.hu-berlin.de/bitstream/handle/18452/18801/stadtmueller.pdf?sequence=1&isAllowed=y>
 13. Duong Ngoc Son, *The Schwarzian derivative and Möbius equation on strictly pseudo-convex CR manifolds*, Communications in Analysis and Geometry **26**(2) 2018, DOI10.4310/CAG.2018.v26.n2.a1
- 60. "An Obata-type theorem on a three-dimensional CR manifold (with Dimiter Vassilev), Glasgow Math. J. **56** (2014), 283-294. IF - 0.309 (2013)**

цитирования - 4.

1. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
2. Fabrice Baudoin, Bumsik Kim, *The Lichnerowicz-Obata theorem on sub-Riemannian manifolds with transverse symmetries*, J. Geom. Anal. January 2016, Volume 26, Issue 1, pp 156-170.

3. Asma Hassannezhad, Gerasim Kokarev, *Sub-Laplacian eigenvalue bounds on sub-Riemannian manifolds*, Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) 16 (2016), no. 4, 1049-1092.
 4. Amine Aribi, Ahmad El Soufi, *The first positive eigenvalue of the sub-Laplacian on CR spheres*, Ann Glob Anal Geom (2017) 51: 1. doi:10.1007/s10455-016-9519-z.
- 61. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold in dimension seven (with Alexander Petkov and Dimiter Vassilev), Nonlinear Analysis, volume 93 (2013), Pages 51-61 IF - 1.612**
цитирания - 2.
1. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 2. Fabrice Baudoin, Bumsik Kim, *The Lichnerowicz-Obata theorem on sub-Riemannian manifolds with transverse symmetries*, J. Geom. Anal. January 2016, Volume 26, Issue 1, pp 156-170.
- 62. "Non-Kaehler Heterotic String Solutions with non-zero fluxes and non-constant dilaton (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev, J. High Energy Physics 06 (2014) 073, arXiv:1402.6107.IF - 6.220**
цитирания - 19.
1. Ilarion V. Melnikov, Ruben Minasian, Savdeep Sethi, *Heterotic fluxes and supersymmetry*, arXiv:1403.4298 [hep-th].
 2. A.S. Haupt, O. Lechtenfeld, E.T. Musaev, *Order α' heterotic domain walls with warped nearly Kähler geometry*, Journal of High Energy Physics, (JHEP), Volume 2014, article id. #152, 28 pp.
 3. Mario Garcia-Fernandez, Roberto Rubio, Carl Tipler, *Infinitesimal moduli for the Strominger system and Killing spinors in generalized geometry*, Mathematische Annalen, Volume 369, Issue 1|2, pp 539|595, <https://doi.org/10.1007/s00208-016-1463-5>
 4. Teng Fei, *Some Local Models of Heterotic Strings*, arXiv:1508.05566.
 5. Teng Fei, *On the Geometry of the Strominger System* Ph.D Thesis MIT-2016. Submitted to the Department of Mathematics of MIT on April 29, 2016, in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Mathematics. <http://hdl.handle.net/1721.1/104598>
<http://math.mit.edu/~tfei/Thesis.pdf>
 6. Mario Garcia-Fernandez, *Lectures on the Strominger system*, arXiv:1609.02615.
 7. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *Anomaly flows*, arXiv:1610.02739.
 8. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *The anomaly flow and the Fu-Yau equation*, arXiv:1610.02740.
 9. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *Geometric flows and Strominger systems*, Mathematische Zeitschrift, August 2015 DOI: 10.1007/s00209-017-1879-y
 10. Phong, D.H., Picard, S., Zhang, X., *The Fu-Yau equation with negative slope parameter*, Invent. Math. (2016). doi:10.1007/s00222-016-0715-z
 11. Fernando Etayo, Rafael Santamaria, *The canonical involution in the space of connections of a $(J^2 = \pm 1)$ -metric manifold*, arXiv:1705.11135.
 12. Teng Fei, Zhijie Huang, Sebastien Picard, *The Anomaly flow over Riemann surfaces*, arXiv:1711.08186.
 13. Duong Phong, Sebastien Picard, Xiangwen Zhang, *Supersymmetric String Vacua with Torsion and Geometric Flows*, Proceedings of Science (PoS) CORFU2016 (2017) 096.
 14. Fernando Etayo, Araceli deFrancisco, Rafael Santamaria *The Chern Connection of a $(J^2 = \pm 1)$ -Metric Manifold of Class \mathcal{G}_1* August 2018, Mediterranean Journal of Mathematics 15(4), DOI: 10.1007/s00009-018-1207-8
 15. Duong H. Phong, Sebastien Picard, Xiangwen Zhang, *New curvature flows in complex geometry*, arXiv:1806.11235.
 16. Teng Fei, *Generalized Calabi-Gray Geometry and Heterotic Superstrings*, arXiv:1807.08737.
 17. Sebastien Picard, *The Hull-Strominger System in Complex Geometry*, Ph.D. Thesis in the Graduate School of Arts and Sciences, COLUMBIA UNIVERSITY 2018. file:///D:/Thesys/Picard_columbia_0054D_14538.-StromingerSystempdf.pdf

18. Mario Garcia-Fernandez, *T-dual solutions of the Hull-Strominger system on non-Kähler threefolds*, arXiv:1810.04740.
19. Huang, Zhijie, *The coupled Ricci flow and the anomaly flow over Riemann surface*, PhD Thesis, Columbia University, 2018,
<https://academiccommons.columbia.edu/doi/10.7916/D8WH4642>
<https://doi.org/10.7916/D8WH4642>
- 63. "The Obata sphere theorems on a quaternionic contact manifold of dimension bigger than seven (with Alexander Petkov and Dimiter Vassilev), to appear in J. Spectral Theory, ; arXiv:1303.0409. IF - 1.231 (2014)**
цитирания - 3.
1. F. Baudoin, J. Wang, *The subelliptic heat kernels of the quaternionic Hopf fibration*, Potential Analysis, October 2014, Volume 41, Issue 3, pp 959-982.
 2. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 3. Fabrice Baudoin, Bumsik Kim, *The Lichnerowicz-Obata theorem on sub-Riemannian manifolds with transverse symmetries*, J. Geom. Anal. January 2016, Volume 26, Issue 1, pp 156-170.
- 64. "Quaternionic contact hypersurfaces in hyper-Kähler manifolds (with Ivan Minchev, Dimiter Vassilev), to appear in Annali di matematica Pura ed Applicata, arXiv:1406.4256. IF - 1.065 (2014)**
- 65. "Quaternionic contact Einstein manifolds (with Ivan Minchev and Dimiter Vassilev), Math. Res. Lett., 23 (5) (2016), 1405-1432. IF - 0.411 (2014)**
цитирания - 6.
1. Diego Conti, *Intrinsic torsion in quaternionic contact geometry*, To appear in Ann. Sc. Norm. Super. Pisa Cl. Sci., arXiv:1306.0890.
 2. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
 3. Robert K. Hladky, *The topology of quaternionic contact manifolds*, Ann. Global Anal. Geom. **47** (2015), no. 1, 99-115.
 4. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, arXiv:1404.4377.
 5. Ilka Agricola and Giulia Dileo, *New classes of almost 3-contact metric manifolds and their remarkable connections* Preprint, April 17, 2017.
 6. Luca Rizzi, Pavel Silveira, *Sub-Riemannian Ricci curvatures and universal diameter bounds for 3-Sasakian manifolds*, Journal of the Institute of Mathematics of Jussieu, DOI: <https://doi.org/10.1017/S1474748017000226>.
 7. Ilka Agricola, Giulia Dileo, *Generalizations of 3-Sasakian manifolds and skew torsion*, arXiv:1804.06700.
- 66. "Sasaki-like almost contact complex Riemannian manifolds (with H. Manev and M. Manev), to appear in J. Geom. Physics arXiv:1402.5426.**
цитирания - 5.
1. Miroslava Ivanova, *Lie groups as 3-dimensional almost contact B-metric manifolds in the main vertical classes*, arXiv:1504.01094.
 2. Cristian Ida, *On complex Riemannian foliations*, Journal of Physics: Conference Series 670 (2016) 012025, doi:10.1088/1742-6596/670/1/012025.
<http://iopscience.iop.org/article/10.1088/1742-6596/670/1/012025/pdf>
 3. Miroslava Ivanova, Lilko Dospatliev, *Geometric characteristics and properties of a two-parametric family of Lie groups with almost contact B-metric structure of the smallest dimensional*, preprint 2018.
 4. A. Devgan, R.K. Nagaich, *Totally Contact Umbilical Radical Transversal Lightlike Submanifolds Of An Almost Contact Manifold With B-Metric*, J. Adv. Math. vol. 13, 4 (2017), 7286-7294. DOI: <https://doi.org/10.24297/jam.v13i4.6234>

5. R. K. Nagaich, Anu Devgan, *Constancy of η -holomorphic sectional curvature of an indefinite Sasaki-like almost contact manifold with B-metric*, New Trends in Mathematical Sciences 4(6) (2018), 87-95, DOI: 10.20852/ntmsci.2018.319
- 67. "The quaternionic Heisenberg group and Heterotic String Solutions with non-constant dilaton in dimensions 7 and 5 (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev), to appear in Comm. Math. Phys., arXiv:1410.4130.**
цитирания - 3.
1. Victor Manero, *Closed G_2 forms and special metrics*, Ph.D Thesys, Universidad del Pais Vasco, Bilbao 2015.
https://addi.ehu.es/bitstream/10810/16773/1/TESIS_VICTOR_MANERO_GARCIA.pdf
 2. Andrew Clarke, Mario Garcia-Fernandez, Carl Tipler, *Moduli of G_2 structures and the Strominger system in dimension 7*, arXiv:1607.01219.
 3. U. Gran, J. Gutowski, G. Papadopoulos, *Classification, geometry and applications of supersymmetric backgrounds*, arXiv:1808.07879.
- 68 Connections on non-symmetric (generalized) Riemannian manifold and gravity, (with Milan Zlatanovic), Class. Quantum Grav., Volume 33, Number 7, 075016, (2016).**
цитирания - 5.
1. Nenad O. Vesic, *Projective Curvature Tensors of Second Type Almost Geodesic Mappings*, arXiv:1609.08649.
 2. Nenad O. Vesic, *Nonunique Invariants of Third Type Almost Geodesic Mappings*, arXiv:1710.04504.
 3. Nenad Vesic, Mica S. Stankovic, *Invariants of Special Second Type Almost Geodesic Mappings of Generalized Riemannian Space*, March 2018, Mediterranean Journal of Mathematics 15(2), DOI 10.1007/s00009-018-1110-3
 4. Abraao J. S. Capistrano, *On Nearly Newtonian Potentials and Their Implications to Astrophysics*, Galaxies 2018,6, 48; doi:10.3390/galaxies6020048.
 5. Peter Gilkey, JeongHyeong Park, *Moduli spaces of oriented Type A manifolds of dimension at least 3*, J. Korean Math. Soc. 54 (2017), no. 6, 1759-1786.
- 69 Solution of the qc Yamabe equation on a 3-Sasakian manifold and the quaternionic Heisenberg group, (with Ivan Minchev, Dimiter Vassilev), arXiv:1504.03142.**
цитирания - 4.
1. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $Sp(n+1, 1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
 2. Giuseppe Pipoli, *Inverse mean curvature flow in quaternionic hyperbolic space*, Atti Accad. Naz. Lincei Rend. Lincei Mat. Appl. 29 (2018), no. 1, 153-171. DOI: 10.4171/RLM/798
 3. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90-100.
 4. Giuseppe Pipoli, *A survey on Inverse mean curvature flow in ROSSes*, Complex Manifolds 2017; 4: 245I262, <https://doi.org/10.1515/coma-2017-0016>.
- 70 Formality of 7-dimensional 3-Sasakian manifolds, (with Marisa Fernandez and Vicente Munoz), to appear in Ann. Scuola. Norm. Super. Pisa Cl. Sci., arXiv:1511.08930.**
цитирания - 2.
1. Svjetlana Terzic, *On geometric formality of rationally elliptic manifolds in dimensions 6 and 7*, arXiv:1701.04479.
 2. Charles P. Boyer, *Contact Structures of Sasaki Type and their Associated Moduli* arXiv:1810.07639.
- 71 A heat equation on a quaternionic contact manifold, (with A. Petkov), arXiv:1608.00460.**
цитирания - 1.
1. Dimiter Vassilev, *The monotonicity of an entropy like energy for the heat equation on a quaternionic contact manifold*, Pacific J. Math., Vol. 289 (2017), No. 1, 189-201. DOI: 10.2140/pjm.2017.289.189

- 72 Non-umbilical quaternionic contact hypersurfaces in hyper-Kähler manifolds (with Ivan Minchev and Dimiter Vassilev), to appear in Intern. Math. Research. Notices (IMRN), arXiv:1609.02838.
- 73 "The qc Yamabe problem on non-spherical quaternionic contact manifolds (with Alexander Petkov), to appear in Journal de Mathématiques Pures et Appliquées, arXiv:1612.02406.
- 74 "A sub-Riemannian Bonnet-Myers theorem for quaternionic contact structures (with Davide Barilari), to appear in Calculus of Variations and PDE, arXiv:1703.04340.

цитирания - 1

1. Fabrice Baudoin, Erlend Grong, Gianmarco Molino, Luca Rizzi, *H-type foliations*, arXiv:1812.02563.
- 75 "On the Strominger system and holomorphic deformations (with Luis Ugarte), arXiv:1705.02792.
- 76 Conformally flat Einstein-like 4-manifolds and conformally flat Riemannian 4-manifolds all of whose Jacobi operators have parallel eigenspaces along every geodesic (with I. Petrova), arXiv preprint dg-ga/9702019

цитирания - 4.

1. Novica Blazic, Neda Bokan, Peter Gilkey, Zoran Rakić, *Pseudo-Riemannian Ossermann Manifolds*, Balkan Journal of Geometry and Its Applications (BJGA) Vol. 2, No. 2, pp. 1-12 (1997).
 2. Zhang, Tan, *Manifolds with indefinite metrics whose skew-symmetric curvature operator has constant eigenvalues*, Steps in differential geometry (Debrecen, 2000), 401–407, Inst. Math. Inform., Debrecen, 2001.
 3. Tan Zhang, *Manifolds with indefinite metrics whose skew-symmetric curvature operator has constant eigenvalues*, A DISSERTATION Presented to the Department of Mathematics and the Graduate School of the University of Oregon in partial fulfillment of the requirements for the degree of Doctor of Philosophy, June 2000.
https://scholarsbank.uoregon.edu/xmlui/bitstream/handle/1794/150/Manifolds_with_indefinite_metrics.pdf?sequence=4
 4. P. Gilkey, *Geometric properties of the curvature operator*, Geometry and Topology of Submanifolds X, eds. W.H. Chen et al. (pp. 62-70), 2000 World Scientific Publishing Co.
77. "Complex product structures on some simple Lie groups (with V. Tsanov), math.DG/0405584.

цитирания - 3.

1. Fernando Etayo, Rafael Santamari'a, *Connections functorially attached to almost complex product structures*, Houston J. Math. 35 (2009), no. 2, 411–434.
 2. Zamkovoy, Simeon *Geometry of paraquaternionic Kähler manifolds with torsion*, J. Geom. Phys. 57 (2006), 69–87.
 3. Angelo V. Caldarella, *On paraquaternionic submersions between paraquaternionic Kähler manifolds*, Acta Applicandae Mathematicae 112 (2010) (1), pp. 1-14.
78. "Supersymmetric strings and special(SU(3), G₂, Spin(7))-holonomy geometries XIV FallWorkshop on Geometry and Physics, 108–126, Publ. R. Soc. Mat.Esp., 10, R. Soc. Mat. Esp., Madrid, 2006.