

## Victor Vuletescu

### Fișa de verificare a îndeplinirii standardelor minimale CNATDCU pentru depunerea tezei de abilitare

Standard	Valoare indicator	Îndeplinit
$I \geq 5$	7,596	DA
$I_{recent} \geq 2,5$	5,351	DA
$C \geq 12$	37	DA

#### Lista lucrărilor publicate în reviste cu RIS cel puțin 0,5

1. *Weighted Bott-Chern and Dolbeault cohomology for LCK-manifolds with potential*, (with M. Verbitsky and L. Ornea), Journal of the Mathematical Society of Japan, 70 (1), (2018), 409-422. ISSN=0025-5645, **RIS(2017)=1,256**
2. *Irreducible vector bundles on some elliptic non-Kähler threefolds* (with V. Brinzanescu), J. Geom. Phys. 91, (2015), 141-145. ISSN= 0393-0440, **RIS(2015)=1,079**
3. *Holomorphic submersions of locally conformally Kähler manifolds* (with M. Parton and L. Ornea). Annali di Matematica Pura ed Applicata 193(5) (2014), 1345-1351. ISSN= 0373-3114 , **RIS(2015)=1,634**
4. *LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem*, Bull. Math. Soc. Sci. Math. Roum., Nouv. Sér. 57(105), No. 2, 225-231, (2014). **RIS(2015)=0,576**
5. *Spin(9) geometry of the octonionic Hopf fibration* (with M. Parton, P. Piccinni, L. Ornea). Transformation groups, 18 nr. 3 (2013) 845-864. ISSN= 1083-4362 , **RIS(2014)=2,069**
6. *Blow-ups of locally conformally Kähler manifolds* (with M. Verbitsky and L. Ornea), International Mathematics Research Notices 12 (2013) 2809-2821. ISSN= 1073-7928 , **RIS(2015)=2,805**
7. *Examples of nontrivial rank in locally conformal geometry*, (with M. Parton), Math. Zeit. 270 nr 1-2, (2012), 179-187. ISSN= 0025-5874 , **RIS(2017)=1,811**
8. *Examples of coherent sheaves with no resolution by locally free sheaves in dimension 3. (Exemples de faisceaux cohérents sans résolution localement libre en dimension 3.)* C. R., Math., Acad. Sci. Paris 350, No. 7-8, 411-412 (2012) ISSN= 1631-073X, **RIS(2015)=0,917**
9. *Elliptic Gauss sums and applications to point counting*, (with P. Mihailescu), J. Symb. Comp. 45(8), (2010), 825-836. ISSN= 0747-7171 , **RIS(2015)=1,504**
10. *Blowing-up points on l.c.K. manifolds*, Bull. Math. Soc. Sci. Math. Roum., Nouv. Sér. 52(100), No. 3, 387-390 (2009), **RIS(2015)=0,576**
11. *Existence of stable vector bundles on non-Kähler surfaces. (Sur l'existence de fibrés vectoriels stable sur les surfaces non-kählériennes.)* C.R. Acad. Sci., Paris, Ser. I 321, No5, 591-593 (1995). ISSN= 1631-073X, **RIS(2015)=0,917**

Nr. articol	Publicat în perioada 2012-2018	RIS	N	RIS / N	
1	DA	1,256	3	0,418	
2	DA	1,079	2	0,539	
3	DA	1,634	3	0,544	
4	DA	0,576	1	0,576	
5	DA	2,069	4	0,517	
6	DA	2,805	3	0,935	
7	DA	1,811	2	0,905	
8	DA	0,917	1	0,917	$I_{recent} = 5,351$
9	NU	1,504	2	0,752	
10	NU	0,576	1	0,576	
11	NU	0,917	1	0,917	$I = 7,596$

### Listă de citări

Nr crt	Articol	Citat in	RIS 2017
1.	"Examples of non-trivial rank in locally conformal Kähler geometry" (with M. Parton) MATHEMATISCHE ZEITSCHRIFT Volume: 270 Issue: 1-2 Pages: 179-187 Published: 2012	<a href="#">"Universal models via embedding and reduction for locally conformal symplectic structures"</a> By: Marrero, Juan C.; Martinez Torres, David; Padron, Edith ANNALS OF GLOBAL ANALYSIS AND GEOMETRY Volume: 40 Issue: 3 Pages: 311-337 Published: OCT 2011	1.268
2.		"Vaisman metrics on solvmanifolds and Oeljeklaus-Toma manifolds" By: Kasuya, Hisashi BULLETIN OF THE LONDON MATHEMATICAL SOCIETY Volume: 45 Pages: 15-26 Part: 1 Published: FEB 2013	1.619
3.		"OELJEKLAUS-TOMA MANIFOLDS ADMITTING NO COMPLEX SUBVARIETIES" By: Ornea, Liviu; Verbitsky, Misha	1.925

4.		MATHEMATICAL RESEARCH LETTERS Volume: 18 Issue: 4 Pages: 747-754 Published: JUL 2011  <i>"Oeljeklaus-Toma manifolds and arithmetic invariants"</i>  By: Braunling, O.	1.811
5.		MATHEMATISCHE ZEITSCHRIFT Volume: 286 Issue: 1-2 Pages: 291-323 Published: JUN 2017  <i>"The Chern-Ricci Flow on Oeljeklaus-Toma Manifolds"</i>  By: Zheng, Tao	1.688
6.		CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES Volume: 69 Issue: 1 Pages: 220-240 Published: FEB 2017  <a href="#"><i>"LCK rank of locally conformally Kahler manifolds with potential"</i></a>  By: Ornea, Liviu; Verbitsky, Misha	1.004
7.		JOURNAL OF GEOMETRY AND PHYSICS Volume: 107 Pages: 92-98 Published: SEP 2016  <a href="#"><i>"Nonreciprocal units in a number field with an application to Oeljeklaus-Toma manifolds"</i></a>  By: Dubickas, Arturas	0.976
8.		NEW YORK JOURNAL OF MATHEMATICS Volume: 20 Pages: 257-274 Published: 2014  <a href="#"><i>"Curves on the Oeljeklaus-Toma manifolds"</i></a>  By: Verbitskaya, S. M.	0,854
9.	<i>"Blowing-up points on l. c. K. manifolds."</i>	FUNCTIONAL ANALYSIS AND ITS APPLICATIONS Volume: 48 Issue: 3 Pages: 223-226 Published: SEP 2014  <i>"Locally conformal symplectic blow-ups"</i>  By: Yang, Song; Yang, Xiangdong; Zhao, Guosong	0.947
10.	BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE Volume: 52 Issue: 3 Pages: 387--390 Published: 2009	DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS Volume: 50 Pages: 11-19 Published: FEB 2017  <i>"On the blow-up of points on locally conformally symplectic manifolds"</i>  By: Chen, Youming; Yang, Song	0.814
11.		COMPTE RENDUS MATHEMATIQUE Volume: 354 Issue: 4 Pages: 411-414 Published: APR 2016  <i>"Locally Conformally Symplectic Structures on Compact Non-Kahler Complex Surfaces"</i>  By: Apostolov, Vestislav; Dloussky, Georges  INTERNATIONAL MATHEMATICS RESEARCH NOTICES Issue: 9 Pages: 2717-2747 Published: 2016	2.373

12.		<i>"Blow-ups of locally conformally Balanced manifolds"</i> By: Yang, Song GEOMETRIAE DEDICATA Volume: 174 Issue: 1 Pages: 187-192 Published: FEB 2015	1.143
13.		<i>"A NOTE ON THE MORSE-NOVIKOV COHOMOLOGY OF BLOW-UPS OF LOCALLY CONFORMAL KÄHLER MANIFOLDS"</i> By: Yang, Xiangdong; Zhao, Guosong BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY Volume: 91 Issue: 1 Pages: 155-166 Published: FEB 2015	0.641
14.		<i>"On a question of Vaisman concerning complex surfaces"</i> By: Pontecorvo, Massimiliano ANNALI DI MATEMATICA PURA ED APPLICATA Volume: 193 Issue: 5 Pages: 1283-1293 Published: OCT 2014	1.421
15.		<i>"Blowing-up points on locally conformally balanced manifolds"</i> By: Lian, Zhao; Yang, Song COMPTES RENDUS MATHEMATIQUE Volume: 352 Issue: 9 Pages: 715-718 Published: SEP 2014	0.814
16.		<i>"An integral invariant from the view point of locally conformally Kahler geometry"</i> By: Futaki, Akito; Hattori, Kota; Ornea, Liviu MANUSCRIPTA MATHEMATICA Volume: 140 Issue: 1-2 Pages: 1-12 Published: JAN 2013	1.332
17.		<i>"Automorphisms of Locally Conformally Kahler Manifolds"</i> By: Ornea, Liviu; Verbitsky, Misha INTERNATIONAL MATHEMATICS RESEARCH NOTICES Issue: 4 Pages: 894-903 Published: 2012	2.373
18.		<i>"Morse-Novikov cohomology of locally conformally Kähler surfaces"</i> By: Otiman, Alexandra MATHEMATISCHE ZEITSCHRIFT <a href="https://link.springer.com/article/10.1007%2Fs00209-017-1968-y">https://link.springer.com/article/10.1007%2Fs00209-017-1968-y</a>	1.811
19.	<i>"Blow-ups of Locally Conformally Kahler Manifolds"</i> (with L. Ornea, and M. Verbitsky)	<i>"Locally conformal symplectic blow-ups"</i> By: Yang, Song; Yang, Xiangdong; Zhao, Guosong DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS Volume: 50 Pages: 11-19 Published: FEB 2017	0.947
20.	INTERNATIONAL MATHEMATICS RESEARCH	<i>"K-stability for Kahler manifolds"</i>	1.925

	NOTICES Issue: 12 Pages: 2809-2821 Published: 2013	By: Dervan, Ruadhai; Ross, Julius MATHEMATICAL RESEARCH LETTERS Volume: 24 Issue: 3 Pages: 689-739 Published: 2017	
21.		<i>"Absolutely trianalytic tori in the generalized Kummer variety"</i>	3.513
		By: Kurnosov, Nikon	
		ADVANCES IN MATHEMATICS Volume: 298 Pages: 473-483 Published: AUG 6 2016	
22.		<i>"Blow-ups of locally conformally Balanced manifolds"</i>	1.143
		By: Yang, Song	
		GEOMETRIAE DEDICATA Volume: 174 Issue: 1 Pages: 187-192 Published: FEB 2015	
23.		<i>"A NOTE ON THE MORSE-NOVIKOV COHOMOLOGY OF BLOW-UPS OF LOCALLY CONFORMAL KAHLER MANIFOLDS"</i>	0.641
		By: Yang, Xiangdong; Zhao, Guosong	
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24.		<i>"Compact complex manifolds bimeromorphic to locally conformally Kähler manifolds",</i>	1.143
		By: Shimobe, Hirokazu	
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		<a href="https://link.springer.com/article/10.1007/s10711-017-0317-y">https://link.springer.com/article/10.1007/s10711-017-0317-y</a>	
25.	<i>"EXISTENCE OF STABLE BUNDLES ON NON-KAHLER SURFACES"</i>	<i>"OELJEKLAUS-TOMA MANIFOLDS ADMITTING NO COMPLEX SUBVARIETIES"</i>	1.925
	COMPTES RENDUS DE L ACADEMIE DES SCIENCES SERIE I-MATHEMATIQUE	By: Ornea, Liviu; Verbitsky, Misha	
	Volume: 321 Issue: 5 Pages: 591-593 Published: SEP 7 1995	MATHEMATICAL RESEARCH LETTERS Volume: 18 Issue: 4 Pages: 747-754 Published: JUL 2011	
26.		<i>"The Seiberg-Witten equations on Hermitian surfaces"</i>	0.982
		By: Lupascu, P	
		MATHEMATISCHE NACHRICHTEN Volume: 242 Pages: 132-147 Published: 2002	
27.	<i>"LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem"</i>	<i>"Oeljeklaus-Toma manifolds and arithmetic invariants"</i>	1.811
	BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE	By: Braunling, O.	
		MATHEMATISCHE ZEITSCHRIFT	
		Volume: 286 Issue: 1-2 Pages: 291-323 Published: JUN 2017	

28.	ROUMANIE Volume: 57 Issue: 2 Pages: 225-231 Published: 2014	<i>"The Chern-Ricci Flow on Oeljeklaus-Toma Manifolds"</i> By: Zheng, Tao CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES Volume: 69 Issue: 1 Pages: 220-240 Published: FEB 2017	1.688
29.		<i>"Nonreciprocal units in a number field with an application to Oeljeklaus-Toma manifolds"</i> By: Dubickas, Arturas NEW YORK JOURNAL OF MATHEMATICS Volume: 20 Pages: 257-274 Published: 2014	0.976
30.		<i>"Cohomologies of locally conformally symplectic manifolds and solvmanifolds",</i> By: D. Angella, A. Otiman, N. Tardini, ANNALS OF GLOBAL ANALYSIS AND GEOMETRY <a href="https://link.springer.com/content/pdf/10.1007%2Fs10455-017-9568-y.pdf">https://link.springer.com/content/pdf/10.1007%2Fs10455-017-9568-y.pdf</a>	1.268
31.	<i>"SPIN(9) GEOMETRY OF THE OCTONIONIC HOPF FIBRATION"</i> (with L. Ornea, M. Parton, M. and P. Piccinni) TRANSFORMATION GROUPS Volume: 18 Issue: 3 Pages: 845-864 Published: SEP 2013	<i>"Riemannian and Sub-Riemannian Geodesic Flows"</i> By: Godoy Molina, Mauricio; Grong, Erlend JOURNAL OF GEOMETRIC ANALYSIS Volume: 27 Issue: 2 Pages: 1260-1273 Published: APR 2017	1.771
32.		<i>"On the explicit expressions of the canonical 8-form on Riemannian manifolds with holonomy"</i> By: Castrillon Lopez, M.; Gadea, P. M.; Mykytyuk, I. V. ABHANDLUNGEN AUS DEM MATHEMATISCHEN SEMINAR DER UNIVERSITAT HAMBURG Volume: 87 Issue: 1 Pages: 17-22 Published: APR 2017	0.591
33.	<i>"Oeljeklaus-Toma manifolds and locally conformally Kahler metrics. A state of the art"</i> (with L.Ornea). Stud.Univ. Babeş-Bolyai Math. 58(2013), No. 4, 459--468	<i>"The Chern-Ricci Flow on Oeljeklaus-Toma Manifolds"</i> By: Zheng, Tao CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES Volume: 69 Issue: 1 Pages: 220-240 Published: FEB 2017	1.688
34.		<i>"Oeljeklaus-Toma manifolds and arithmetic invariants"</i> By: Braunling, O. MATHEMATISCHE ZEITSCHRIFT Volume: 286 Issue: 1-2 Pages: 291-323 Published: JUN 2017	1.811
35.	<i>"Holomorphic and harmonic maps of locally conformal Kaehler manifolds."</i> (with S. Ianus and L.Ornea), Boll.	<i>"Harmonic maps and stability on locally conformal kahler manifolds"</i> By: Gherghe, Catalin	1.004

	Unione Mat. Ital., VII. Ser., A 9, No.3, 569-579 (1995).	JOURNAL OF GEOMETRY AND PHYSICS Volume: 70 Pages: 48-53 Published: AUG 2013	
36.	<p><i>"Relating vector bundles on a nonalgebraic surface with those on its blow-up."</i></p> <p>Ann. St. Univ. Ovidius Constanta, 5 (1997), no.2.</p>	<p><i>"Une note sur les fibrés holomorphes non-filtrables. [A note on non-filtrable holomorphic bundles]"</i></p> <p>By: M. Aprodu, M. Toma, COMPTES RENDUS MATHEMATIQUE 336 (2003), no. 7, 581–584</p>	0.814
37.	<p><i>"Holomorphic submersions of locally conformally Kahler manifolds"</i></p> <p>(with L.Ornea and M. Parton)</p> <p>ANNALI DI MATEMATICA PURA ED APPLICATA Volume: 193 Issue: 5 Pages: 1345-1351 Published: OCT 2014</p>	<p><i>"Harmonic maps and stability on locally conformal kahler manifolds"</i></p> <p>By: Gherghe, Catalin</p> <p>JOURNAL OF GEOMETRY AND PHYSICS Volume: 70 Pages: 48-53 Published: AUG 2013</p>	1.004