

**FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂŢII  
CONFERENŢIAR, poziţia 26**

publicat în Monitorul Oficial al României nr. 324 din data de 10.06.2014

Candidat: NEAGU MIRCEA

Data naşterii 28.03.1973

Funcţia actuală Lector

Instituţia: Universitatea Transilvania Braşov

**1. Studii universitare (licenţă şi masterat)**

Nr. crt.	Instituţia de învăţământ superior şi facultatea	Domeniul	Perioada	Titlul acordat
1.	Universitatea Bucureşti, Facultatea de Matematică	Matematică	1991-1996	Licenţă
2.	Universitatea Bucureşti, Facultatea de Matematică	Geometrie	1996-1997	Magister

**2. Studii de doctorat**

Nr. crt.	Instituţia organizatoare de doctorat	Domeniul	Perioada	Titlul ştiinţific acordat
1.	Universitatea Politehnica Bucureşti	Matematică	1997-2001	Doctor

**3. Studii şi burse postdoctorale (stagii de cel puţin 6 luni)**

Nr. crt.	Instituţia	Domeniul/ Specializarea	Perioada	Tipul de bursă

**4. Realizările profesional-ştiinţifice**

Calitatea activităţilor didactice/ profesionale	Din Fişa de evaluare şi din Propunerea de dezvoltare a carierei universitare
Lucrări publicate în reviste de specialitate recunoscute naţional internaţional	<ol style="list-style-type: none"><li>1. <b>M. Neagu:</b> "Generalized metrical multi-time Lagrange geometry of physical fields", Journals from de Gruyter, Forum Mathematicum, Vol. 15, No. 1 (2003), 63-92.</li><li>2. <b>M. Neagu, N.G. Krylova, H.V. Grushevskaya:</b> "Jet theoretical Yang-Mills energy in the geometric dynamics of 2D-monolayer", Journal of Mathematical Physics, Vol. 54, 031508 (2013), 1-14.</li><li>3. <b>V. Balan, M. Neagu:</b> "Jet geometrical extension of the KCC-invariants", Balkan Journal of Geometry and Its Applications, Vol. 15, No. 1 (2010), 8-16.</li><li>4. <b>M. Neagu, M.M. Marin:</b> "From a</li></ol>

	<p><i>dynamical system of the knee to natural jet geometrical objects</i>", Quarterly of Applied Mathematics, Vol. <b>LXXI</b>, No. <b>4</b> (2013), 689-705.</p> <p>5. <b>M. Neagu, A. Oană, V.M. Red'kov</b>: "An anisotropic geometrical approach for non-relativistic extended dynamics", Ricerche di Matematica, Vol. <b>62</b>, Iss. <b>2</b> (2013), 323-340.</p>
<p>Lucrări prezentate la conferințe naționale/ internaționale în profilul postului</p>	<p>1. <b>Gh. Atanasiu, M. Neagu</b>: "Distinguished tensors and Poisson brackets in the multi-time Hamilton geometry", The Int. Conf. of Diff. Geom. and Dynamical Systems (DGDS-2008), August 29 - September 2, 2008, Mangalia, Romania; Geometry Balkan Press, Balkan Society of Geometers - Proceedings <b>16</b> (2009), 12-27. <a href="http://www.mathem.pub.ro/proc/">http://www.mathem.pub.ro/proc/</a></p> <p>2. <b>M. Neagu</b>: "Multi-time Kosambi-Cartan-Chern invariants and applications", BSG Proceedings, Vol. <b>20</b> (2013), pp. 36-50. <a href="http://www.mathem.pub.ro/proc/">http://www.mathem.pub.ro/proc/</a></p> <p>3. <b>E. Ovsyuk, O. Veko, M. Neagu, V. Balan, V. Red'kov</b>: "Polarization optics. I. Some properties of parameters of Lorentz matrices and transitivity equations", BSG Proceedings, Vol. <b>20</b> (2013), pp. 51-63. <a href="http://www.mathem.pub.ro/proc/">http://www.mathem.pub.ro/proc/</a></p> <p>4. <b>C. Udriște, M. Neagu</b>: "Extrema of <math>p</math>-energy functional on a Finsler manifold", Proceedings of Workshop on Global Analysis, Differential Geometry and Lie Algebras, No. <b>3</b> (1999); Balkan Society of Geometers, Ed. Geometry Balkan Press, Bucharest; Editor: Prof. Dr. Grigorios Tsagas, University Aristotle of Thessaloniki, Greece, pp. 175-185. <a href="http://www.mathem.pub.ro/proc/">http://www.mathem.pub.ro/proc/</a></p> <p>5. <b>M. Neagu</b>: "The geometry of relativistic rheonomic Lagrange spaces", Proceedings of Workshop on Global Analysis, Differential Geometry and Lie Algebras, No. <b>5</b> (2001); Balkan Society of Geometers, Ed. Geometry Balkan Press, Bucharest; Editor: Prof. Dr. Grigorios Tsagas, University Aristotle of Thessaloniki, Greece, pp. 142-169. <a href="http://www.mathem.pub.ro/proc/">http://www.mathem.pub.ro/proc/</a></p>
<p>Volum(e) de specialitate publicat(e) în edituri recunoscute național</p>	<p><b>V. Balan, M. Neagu</b>: "Jet Single-Time Lagrange Geometry and Its Applications", John Wiley &amp; Sons, Inc., Hoboken, New Jersey, 2011.</p>

Director de departament,



Candidat,



## Fișa de verificare a îndeplinirii standardelor minime naționale

Nr. Crt.	Articol, referință bibliografică	Publicat în ultimii 7 ani	f <sub>i</sub>	n <sub>i</sub>	f <sub>i</sub> /n <sub>i</sub>	
1.	<b>M. Neagu:</b> Generalized metrical multi-time Lagrange geometry of physical fields", Journals from de Gruyter, <b>Forum Mathematicum</b> , Vol. 15, No. 1 (2003), 63-92		0.527	1	0.527	
2.	<b>M. Neagu, C. Udriște, A. Oană:</b> "Multi-time dependent sprays and h-traceless maps", <b>Balkan Journal of Geometry and Its Applications</b> , Vol. 10, No. 2 (2005), 76-92		0.806	3	0.268	
3.	<b>M. Neagu, C. Udriște:</b> "A Riemann-Lagrange geometrization for metrical multi-time Lagrange spaces", <b>Balkan Journal of Geometry and Its Applications</b> , Vol. 11, No. 1 (2006), 87-98		0.806	2	0.403	
4.	Gh. Atanasiu, <b>M. Neagu:</b> "Canonical nonlinear connections in					

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	the multi-time Hamilton geometry", <i>Balkan Journal of Geometry and Its Applications</i> , Vol. 14, No. 2 (2009), 1-12	X	0.806	2	0.403	0.403
5.	V. Balan, <u>M. Neagu</u> : "Jet geometrical extension of the KCC-invariants", <i>Balkan Journal of Geometry and Its Applications</i> , Vol. 15, No. 1 (2010), 8-16	X	0.806	2	0.403	0.403
6.	<u>M. Neagu</u> : "Geometrical objects on the first order jet space $J^1(T, R^5)$ produced by the Lorenz atmospheric DEs System", <i>Carpathian Journal of Mathematics</i> , Vol. 26, No. 2 (2010), 222-229	X	0,852	1	0,852	0,852
7.	<u>M. Neagu</u> , N.G. Krylova, H.V. Grushevskaya: "Jet theoretical Yang-Mills energy in the geometric dynamics of 2D-monolayer", <i>Journal of Mathematical Physics</i> , Vol. 54, 031508 (2013), 1-14	X	1.296	3	0,432	0,432

## Fişa de verificare a îndeplinirii standardelor minime naţionale

8.	<b>M.Neagu</b> , M.M. Marin: "From a dynamical system of the knee to natural jet geometrical objects", <b>Quarterly of Applied Mathematics</b> , Vol. <b>LXXI</b> , No. <b>4</b> (2013), 689-705	X	0,728	2	0,364	0,364
Total					3,652	2,454

Director de department:

Conf. dr. Marius Păun



Candidat:

Lect.dr. Mircea Neagu

