

## FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDDELOR MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLUTIRLOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR – CONFERENȚIAR UNIVERSITAR

Domeniul fundamental: Științe Inginerești

Anexa nr. 17 - COMISIA INGINERIE MECANICĂ, MECATRONICĂ ȘI ROBOTICĂ

Candidat: Șef lucrări dr.ing. Mihaela Violeta MUNTEANU

### ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ - DID (A1)

Rezultatele activităților	Indicatori	Denumire	Punctaj
<b>A1.1 Manuale suport de curs (conform fișei disciplinei de concurs)</b>			
Format tipărit/ electronic [1] (min 100 pag)	Coordonator/ prim autor		
	N1.1 = număr	1. <b>Munteanu M.V.</b> , Modrea A., Vlase S., MECANICĂ. STATICA. Note de curs, Editură: Editura UniversityPress, UMFST G.E. Palade din Tg. Mureș, ISBN 978-973-169-870-0 Dată 2024 NrAutori:3 Număr pagini: 198 <span style="float: right;">Dovada</span>	1 p
	<b>Total puncte N1.1</b>		<b>1</b>
Co-autor			

*MV*

	N1.2 = număr	1. Lache S., Guiman M. V., <b>Munteanu M.V.</b> , MECANICĂ (I) STATICĂ - Curs universitar Editură:EDITURA UNIVERSITĂȚII TRANSILVANIA DIN BRASOV isbn:978-606-19-1613-9 gen 978-606-19-1613-4 vol I Dată:2023 NrAutori:3 Număr pagini:134  <u>Dovada</u>	1 p
		<b>Total puncte N1.2</b>	1 p
Format electronic disponibil pe platforma universităţii/ departamentului (autor)	N1.3 = număr	1. Lache S., Guiman M. V., <b>Munteanu M.V.</b> , MECANICĂ (I) STATICĂ - Curs universitar Editură:EDITURA UNIVERSITĂȚII TRANSILVANIA DIN BRASOV isbn:978-606-19-1613-9 gen 978-606-19-1613-4 vol I Dată:2023 NrAutori:3 Număr pagini:134  <u>Dovada</u>	1 p
		2. <b>Munteanu M.V.</b> , COMUNICARE, Program de studiu Inginerie Mecanica, Invatamant cu frecventa redusa, anul I, editura:Editura Universitatii Transilvania din Brasov, www.unitbv.ro/cidifr isbn:978-973-598-593-6 AnAparitie:2016 NrAutori:1 TotalNrPagini:70  <u>Dovada</u>	1 p
		<b>Total puncte N1.3</b>	2 p
<b>A1.2 Material didactic/ Dezvoltare laboratoare, aplicații</b>			
Standuri laborator (construcție/ modernizări) certificate de directorul de departament	N2.1 = număr	1. <b>Munteanu M.V.</b> , Studiul frecării de aderență și de alunecare Anulrealizarii:2016 Anaparitie:2016  <u>Dovada</u>	1 p
		2. <b>Munteanu M.V.</b> , Determinarea coeficientului de frecare la rostogolire Anulrealizarii:2016 Anaparitie:2016  <u>Dovada</u>	1 p



		3. <b>Munteanu M.V.</b> , Verificarea teoremelor generale ale dinamicii Anulrealizarii:2016 Anaparitie:2016  Dovada	1 p
		<b>Total puncte N2.1</b>	3 p
Îndrumar laborator/ carte aplicații format tipărit sau electronic (autor, co-autor)	N2.2 = număr	1. Ulea M., <b>Munteanu M.V.</b> , STATICA TEHNICĂ APLICAȚII, Ed a III-a, Editura Universității Transilvania din Braşov, 2019, ISBN 978-606-19-1131-8, 198 pag Anulrealizarii:2019 Anaparitie:2019  Dovada	1 p
		2. S. Vlase, S. Lache, M.L. Scutaru, M. Mihalcica, <b>V.M. Munteanu</b> , PROBLEME DE MECANICA - STATICA. Editura:Universitatii Transilvania din Brasov, 2018 ISBN 978-606-19-1062-5 Anulrealizarii:2018 Anaparitie:2018  Dovada	1 p
		3. S. Vlase, S. Lache, M.L. Scutaru, M. Mihalcica, <b>V.M. Munteanu</b> , PROBLEME DE MECANICA - CINEMATICA Editura:Universitatii Transilvania din Brasov ISBN 978-606-19-1063-2 Anulrealizarii:2018 Anaparitie:2018  Dovada	1 p
		4. S. Vlase, S. Lache, M.L. Scutaru, M. Mihalcica, <b>V.M. Munteanu</b> , PROBLEME DE MECANICA - DINAMICA Editura:Universitatii Transilvania din Brasov ISBN 978-606-19-1064-9 Anulrealizarii:2018 Anaparitie:2018  Dovada	1 p
		5. S. Vlase, S. Lache, M.L. Scutaru, M. Mihalcica, <b>V.M. Munteanu</b> , V.M. Guiman, MECANICA- Indrumar de laborator Editura:Universitatii Transilvania din Brasov ISBN 978-606-19-1103-5 Anulrealizarii:2017 Anaparitie:2018  Dovada	1 p

	6. S. VLASE, S. LACHE, H. TEODORESCU, M.L. SCUTARU, M. MIHĂLCICĂ, <b>M.V. MUNTEANU</b> , PROBLEME DE MECANICĂ. STATICĂ, Editura Universității Transilvania din Braşov, ISBN: 978-606-19-0684-0, 2015, Anulrealizarii:2015 Anaparitie:2015 <u>Dovada</u>	1 p
	7. S. VLASE, S. LACHE, H. TEODORESCU, M.L. SCUTARU, M. MIHĂLCICĂ, <b>M.V. MUNTEANU</b> , PROBLEME DE MECANICĂ. CINEMATICĂ, Editura Universității Transilvania din Braşov, ISBN: 978-606-19-0685-7, 2015, Anulrealizarii:2015 Anaparitie:2015 <u>Dovada</u>	1 p
	8. S. VLASE, S. LACHE, H. TEODORESCU, M.L. SCUTARU, M. MIHĂLCICĂ, <b>M.V. MUNTEANU</b> , PROBLEME DE MECANICĂ. DINAMICĂ, Editura Universității Transilvania din Braşov, ISBN: 978-606-19-0686-4, 2015,Anulrealizarii:2015 Anaparitie:2015 <u>Dovada</u>	1 p
	9. Ulea M., <b>Munteanu M.V.</b> , STATICA TEHNICA APLICATII Editia a II-a editura, isbn: 978-606-19-0511-9, NrAutori:2 TotalNrPagini:194 Anulrealizarii:2014 Anaparitie:2014 <u>Dovada</u>	1 p
	10. Secară E., Guiman M.V., <b>Munteanu M.V.</b> , MECANICĂ DINAMICĂ CULEGERE DE PROBLEME ISBN 978-606-19-0279-8 Anulrealizarii:2013 Anaparitie:2013 <u>Dovada</u>	1 p
	11. S. Vlase, H. Teodorescu, L. Scutaru, V. Guiman, V. <b>Munteanu</b> , A. Stanciu, R. Purcarea, CINEMATICA SI DINAMICA. CULEGERE DE PROBLEME, ISBN: 978-973-1747-16-3 Anulrealizarii:2009 Anaparitie:2009 <u>Dovada</u>	1 p

		12. Ulea M., Purcărea R., <b>Munteanu M.V.</b> , Statică tehnică. Aplicații, isbn: 978-973-635-772-5 Anulrealizarii:2006 Anaparitie:2006	1 p
		Dovada	
		<b>Total puncte N2.2</b>	12 p
Aplicație informatică educațională	N2.3 = număr		0 p
		<b>Total puncte N2.3</b>	0
<b>CRITERIUL ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ - DID(A1):</b>			<b>ÎNDEPLINIT</b>

## ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE - CDI (A2)

Rezultatele activităților	Indicatori	Denumire	Punctaj
<b>A2.1 Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) [2], unde n = nr.de autori și Fi este factorul de impact [3]</b>			
Autor corespondent/ prim autor	$n \leq 3$		
	$P1.1 = 2 \cdot (0,2 + FI)$	<	0
	<b>Total puncte P1.1</b>		<b>0</b>
	$n \geq 4$		
	$P1.2 = 2 \cdot 3 \cdot (0,2 + FI)/n$	<b>1. Munteanu, V.M.; Mihălcică M., Itu C., Vlase, S., Scutaru M.L., Mechanical design of interaction chamber for the ELIADE array at ELI-NP, revista:AIP Advances issn:2158-3226 AnAparitie:2020 nrAutori:5, SRI 1.06 FI 1.579, WOS:000519595000004, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000519595000004">https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000519595000004</a></b>	2.134 p
		Dovada	
		<b>Total puncte P1.2</b>	<b>2.134 p</b>
Co-autor	$n \leq 3$		
	$P1.3 = 0,2 + FI$		0
	<b>Total puncte P1.3</b>		<b>0</b>
	$n \geq 4$		

P1.4= $3 * (0,2 + FI)/n$	1 . Petrici, A.V.; Scutaru, M.L.; <b>Munteanu, V.M.</b> ; Vlase, S., Use of New and Light Materials in Automotive Engineering for Towing System publicație: applied scienses issn:2076-3417 Dată:2024 nrAutori:4, SRI 1.795, FI 2.5 (2024), WOS:001311005700001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001311005700001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001311005700001</a> Dovada	2.025 p
	2. I. Száva, S. Vlase, I.R. Száva, G. Turzó, <b>V.M. Munteanu</b> , T. Gălăţanu, Z. Aształos, B.P. Gálfi, Modern Dimensional Analysis-Based Heat Transfer Analysis: Normalized Heat Transfer Curves publicație:Mathematics issn:2227-7390 Dată:2023 nrAutori:8, SRI 0.86, FI 2.592 (2024), WOS:000931043000001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000931043000001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000931043000001</a> Dovada	1.047 p
	3. G. Turzó, I.R. Száva, S. Dancsó, I. Száva, S. Vlase, <b>V. Munteanu</b> , T. Gălăţanu, Z. Aształos, A New Approach in Heat Transfer Analysis: Reduced-Scale Straight Bars with Massive and Square-Tubular Cross-Sections publicație:Mathematics issn:2227-7390 Dată:2022 nrAutori:8, SRI 0.86, FI 2.592 (2024), WOS:000867126600001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000867126600001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000867126600001</a> Dovada	1.047 p
	4. M.D Stanciu, V. Bucur, <b>V.M. Munteanu</b> , S.V. Georgescu, S.M. Năstac, Moisture-induced deformation in the neck of a classical guitar revista:HOLZFORSCHUNG issn:1437-434X AnAparitie: 2019 nrAutori:5 SRI 2.177 FI 2.579 (2019), WOS:000462742500006, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000462742500006">https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000462742500006</a> Dovada	1.667 p

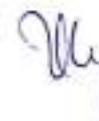
		Total puncte P1.4	5.786 p
<b>A2.2 Articole și publicații științifice BDI [4] neincluse la A2.1</b>			
Autor corespondent/ prim autor	N3.1 = număr	1. <b>V.M. Munteanu</b> , M.D. Stanciu, S. Vlase, Image Correlation to Predict the Gait Recovery of Patients in the Post-Surgery Period publicație:Procedia Manufacturing Volume 46, 2020, Pages 499-508 issn:2351-9789 Dată:2020 nrAutori:3 BDI:Web of Science, WOS:000582466200071, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200071">https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200071</a> Dovada	1 p
		2. <b>V.M. Munteanu</b> , M.D. Stanciu, A. Modrea, Behavior of Laminated Wooden Beam with Variable Section Subjected to Bending publicație:Procedia Manufacturing Volume 46, 2020, Pages 899-905 issn:2351-9789 Dată:2020 nrAutori:3 BDI:SCOPUS, WOS:000582466200127, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200127">https://0a10qra8q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200127</a> Dovada	1 p
		3. <b>V.M. Munteanu</b> , M.D. Stanciu, S.M. Nastac, A. Savin, Modal analysis of small turbine blade made from glass fibres composites revista: Materials Science and Engineering, issn: 1757-899X AnAparitie: 2018 nrAutori:4 BDI: Web of Science, WOS:000467443600091, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000467443600091">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000467443600091</a> Dovada	1 p
		4. <b>V.M. Munteanu</b> , M.D. Stanciu, I.S. Iulian, P.G. Duta, Structural analysis of classical guitar during the technological processing revista: Materials Science and Engineering issn: 1757-899X AnAparitie: 2018 nrAutori:4 BDI: Web of Science, WOS:000467443600090, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000467443600090">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000467443600090</a> Dovada	1 p





		Total puncte N3.1	4 p
Co-autor	N3.2 = număr	1. A. Modrea, <b>V.M. Munteanu</b> , I. Pruncu, Using the Symmetries in the Civil Engineering. An overview publicație:Procedia Manufacturing Volume 46, 2020, Pages 906-913 issn:2351-9789 Dată:2020 nrAutori:3 BDI:SCOPUS WOS:000582466200128, <a href="https://0a10qra36-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000582466200128">https://0a10qra36-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000582466200128</a> Dovada	1 p
		2. M. Mihalcica, A. Modrea, <b>V.M. Munteanu</b> , I. Burcă, Tracking Kinematic Gait Parameters During the Recovery of Motor Function After Total Knee Arthroplasty revista:Procedia Technology 22 ( 2016 ) issn:2212 - 0173 AnAparitie:2016 nrAutori:4 BDI; WOS:000383949300093, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000383949300093">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000383949300093</a> Dovada	1 p
		3. Teodorescu-Draghicescu H., Vlase,S., Chiru, A., Purcarea, R., <b>Munteanu, V.M.</b> , Theoretical and Experimental Approaches Regarding the Stiffness Increase of Fibre-Reinforced Composite Structures revista:ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL II Book Series: Mathematics and Computers in Science and Engineering issn:978-960-474-122-9 AnAparitie:2009 nrAutori:5 BDI: WOS:000295540700037, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000295540700037">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000295540700037</a> Dovada	1 p


		<p>4. Teodorescu-Draghicescu H., Vlase, S., Roşu D., Purcarea, R., <b>Munteanu, V.M.</b>, Damping Analysis of a New Sandwich Structure revista: WORLD CONGRESS ON ENGINEERING 2009, VOLS I AND II Book Series: Lecture Notes in Engineering and Computer Science issn:978-988-17012-5-1 AnAparitie:2009 nrAutori:5 BDI: WOS:000271615700334, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000271615700334">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000271615700334</a></p> <p style="text-align: right;">Dovada</p>	1 p
		<p>5. Tofan M, Burcă I., Mihălcică V., Vlase, S., Roşu D., Secară E., <b>Munteanu, V.M.</b>, AN ANALYSIS OF THE HUMAN MOTION USING VIBE FUNCTIONS revista: PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES, QUALITY AND INNOVATION: MODTECH 2009 - NEW FACE OF TMCR Book Series: Proceedings of the International Conference ModTech issn:2066-3919 AnAparitie:2009 nrAutori:6 BDI: WOS:000274641800165, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000274641800165">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000274641800165</a></p> <p style="text-align: right;">Dovada</p>	1 p
		<p>6. H. Teodorescu, S. Vlase, A. Stanciu, V. Guiman, <b>V. Munteanu</b>, M. Văsii, The increase of loading capability of glass fibers reinforced composite tubes revista:PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF DAAAM BALTIC INDUSTRIAL ENGINEERING, PTS 1 AND 2 issn:978-9-985-59783-5 AnAparitie:2008 nrAutori:6 BDI: Page: 567-572, WOS:000257464400094, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000257464400094">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000257464400094</a></p> <p style="text-align: right;">Dovada</p>	1 P



		<p>7. S. Vlase, A. Modrea, I. Burcă, R. Purcărea, <b>V. Munteanu</b>, M.L. Scutaru, EXPERIMENTAL RESULTS CONCERNING THE GEOMETRIC, STRUCTURAL AND DIMENSIONAL DIFFERENCES IN FIBER REINFORCED COMPOSITES revista:ANNALS OF DAAAM FOR 2008 &amp; PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings issn:ISBN:978-3-901509-68-1 ISSN: 1726-9679 AnAparitie:2008 nrAutori:6 BDI: WOS:000262860100745, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100745">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100745</a></p> <p style="text-align: right;">Dovada</p>	1 P
		<p>8. Vlase S., <b>Munteanu M.V.</b>, Scutaru M.L., ON THE TOPOLOGICAL DESCRIPTION OF THE MULTIBODY SYSTEMS revista:ANNALS OF DAAAM FOR 2008 &amp; PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings issn:ISBN:978-3-901509-68-1 ISSN: 1726-9679 AnAparitie:2008 nrAutori:3 BDI: WOS:000262860100746, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100746">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100746</a></p> <p style="text-align: right;">Dovada</p>	1 P
		<p>9. Vlase S., Purcărea R., <b>Munteanu M.V.</b>, Scutaru M.L., The Dynamic Analysis of an Elastic Multi-Bodies System revista:Annals of DAAAM for 2008 &amp; Proceedings of the 19th International DAAAM Symposium issn:1726-9679 AnAparitie:2008 nrAutori:4 BDI: WOS:000262860100747, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100747">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100747</a></p> <p style="text-align: right;">Dovada</p>	1 P



		<p>10. Vlase S., Purcărea R., Scutaru M.L., <b>Munteanu M.V.</b>, EIGENVALUES AND EIGENVECTORS OF THE ELASTIC SYSTEMS WITH THREE IDENTICAL PARTS revista:ANNALS OF DAAAM FOR 2008 &amp; PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings issn:ISBN:978-3-901509-68-1 ISSN: 1726-9679 AnAparitie:2008 nrAutori:4 BDI: WOS:000262860100748,  <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000262860100748">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000262860100748</a></p> <p style="text-align: right;">Dovada</p>	1 P
		<p>11. H. Teodorescu, S. Vlase, D. Cotoros, <b>V. Munteanu</b>, V. Guiman, Modelling of Tensile Behaviour of Sheet Moulding Compounds revista:Proceedings of the World Congress on Engineering 2007 Vol II WCE 2007, July 2 - 4, 2007, London, U.K issn:978-988-98671-2-6 AnAparitie:2007 nrAutori:5 BDI: WOS:000250382600258,  <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000250382600258">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000250382600258</a></p> <p style="text-align: right;">Dovada</p>	1 p
		<p>12. H. Teodorescu, A. Stanciu, R. Purcărea, <b>V. Munteanu</b>, An original pre-tensioning technique of PMC tubes for dynamic applications revista:MATHEMATICAL METHODS AND COMPUTATIONAL TECHNIQUES IN RESEARCH AND EDUCATION Book Series: ELECTRICAL AND COMPUTER ENGINEERING issn:ISBN:978-960-6766-08-4 ISSN: 1790-5117 AnAparitie:2007 nrAutori:4 BDI: WOS:000254019000039,  <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000254019000039">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000254019000039</a></p> <p style="text-align: right;">Dovada</p>	1 p



		13. H. Teodorescu, <b>V. Munteanu</b> , A. Stanciu, R. Purcărea, On upper and lower limits of elastic coefficients of SMC composite materials revista:NEW ADVANCES IN SIMULATION, MODELLING AND OPTIMIZATION (SMO 07) Book Series: Electrical and Computer Engineering Series issn:978-960-6766-05-3 AnAparitie:2007 nrAutori:4 BDI: WOS:000257314000034, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000257314000034">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000257314000034</a>	1 p
		Dovada	
		<b>Total puncte N3.2</b>	<b>13 p</b>
<b>A2.3 Brevete de invenții indexate [5]</b>			
Internaționale indexate în Web of Science Derwent Innovation.	P2.1 același calcul cu A2.1 și FI = 2		0 p
		<b>Total puncte P2.1</b>	0
Naționale indexate OSIM	P2.2 același calcul cu A2.1 și FI = 0,5		0 p
		<b>Total puncte P2.2</b>	0
<b>A2.4 Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)</b>			
Coordonator/ prim autor	N4.1 = număr		0
		<b>Total puncte N4.1</b>	0
Co-autor	N4.2 = număr		0
		<b>Total puncte N4.2</b>	0
<b>A2. 5 Monografii/cărți de specialitate<sup>[2]</sup>, format tipărit/electronic (min. 100 pag.)</b>			
Coordonator/ prim autor	N4.3 = număr	1. <b>M.V. Munteanu</b> , ANALIZA MIȘCĂRILOR CORPULUI UMAN CU APLICAȚII ÎN MEDICINA RECUPERATIVĂ, editura: Editura IMPULS București isbn: 978-973-8132-91-7 An Aparitie: 2024 NrAutori:1 TotalNrPagini: 172	1 p
		Dovada	

		<b>Total puncte N4.3</b>	<b>1 p</b>
Co-autor	N4.4 = număr	1. A.V. Petrici, <b>M.V. Munteanu</b> , APLICAȚII ALE METODELOR MODERNE ÎN MECANICĂ LA STUDIUL AUTOVEHICULELOR editura: Editura IMPULS București isbn: 978-973-8132-92-4 An Aparitie: 2024 NrAutori:1 TotalNrPagini: 180 <i>Dovada</i>	<b>1 p</b>
		2. Burcă, I., Tofan, M., Vlase, S., <b>Munteanu, M.V.</b> , BIOMECANICA MIȘCĂRILOR ATLETICE, editura:Infomarket isbn:978-973-8204-97-3 An Aparitie: 2008 NrAutori:4 TotalNrPagini:199 <i>Dovada</i>	<b>1 p</b>
		<b>Total puncte N4.4</b>	<b>2 p</b>
<b>CRITERIUL ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE - CDI (A2):</b>			<b>ÎNDEPLINIT</b>

## RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII - RIA (A3)

Rezultatele activităților	Indicatori	Denumire	Punctaj
<b>A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terți</b>			
Director sau responsabil partener la grant/ proiect câștigat prin competiție națională sau internațională	S1 <sup>(6)</sup> = sumă echivalentă în mii Euro <sup>(6)</sup>	1. Simularea și analiza virtuală a sistemelor multicorp cu aplicație în sport și medicină recuperativă, perioada: 2007 - 2008 finantator: CNCSIS TD Nr Contract: TD 329/2007 NrAniDerulare:2 Dovada	24.50 p
		<b>Total puncte S1</b>	
Membru în echipă la grant/ proiect câștigat prin competiție națională sau internațională, proiecte/ contracte terți	S2 <sup>(7)</sup> = sumă echivalentă în mii Euro <sup>(8)</sup>	1. Identificarea prin modelare și analiză experimentală a proprietăților nanocompozitelor utilizate în construcția lagărelor antifricțiune. Aplicație la sisteme giroscopice direcționale, perioada: 2006 - 2008 finantator: CEEX - AMCSIT NrContract: 212/2006 NrAniDerulare:3 Dovada	11.53 p
		2. Promovarea și susținerea participării cercetării românești în programe transnationale în domeniul reciclării ecologice a deșeurilor din materiale noi și compozite perioada: 2006-2008 finantator: CEEX - ANCS NrContract: III-220/2006 NrAniDerulare:2 Dovada	3.02 p
		3. Modelarea și simularea comportării la solicitări mecanice prin metoda elementelor finite, a materialelor compozite în scopul identificării proprietăților elastice/vascoelastice ale acestora perioada: 2005 - 2008 finantator: CEEX NrContract: 42/2005 NrAniDerulare:4 Dovada	12.91 p
199.6436 total S1.1 24.48 p S2. 175.1636 p			

	4. Analiza virtuală a sistemelor multicorp cu aplicație în proiectarea autovehiculelor (reprezentări simbolice și simulare numerică) perioada: 2007 - 2008 finantator: CNCSIS A NrContract: A 930/2007 NrAniDerulare:2 <u>Dovada</u>	9.36 p
	5. Analiza virtuala nelinara si experimentală si controlul optimal al sistemelor mecanice multicorp cu elemente elastice, cu aplicatie in constructia de masini si robotica perioada: 2006 - 2008 finantator: CEEX NrContract: 61/2006 NrAniDerulare:3 <u>Dovada</u>	22.14 p
	6. Soluții integrative de creștere a performanței economice prin optimizarea proprietăților rigido-elastice și stabilității structurale a chitarelor de fabricație românească, SINOPTIC perioada: 2016 - 2018 finantator: Uefiscdi NrContract: PN-III-P2-2.1-BG-2016-0017 , BG 85/2016 NrAniDerulare:2 BG 85/2016 <u>Dovada</u>	12.50 p
	7. Rezultate moderne si tendinte in mecanica materialelor compozite polimerice armate cu fibre perioada: 2006 - 2007 finantator: Ministerul Educatiei NrContract: Contract 35/2006, CEEX Modulul III NrAniDerulare:2 <u>Dovada</u>	2.01 p
	8. Cercetări avansate in mecanica computatională si ingineria virtuală perioada: 2006 - 2007 finantator: Ministerul Educatiei NrContract: CEEX Modulul III – 23/2006 NrAniDerulare:1 <u>Dovada</u>	3.17 p
	9. Promovarea cercetării interdisciplinare de excelență în domeniul sistemelor multicorp și racordarea la programul FP7 perioada: 2006 - 2008 finantator: MCT NrContract: 12555/2006 NrAniDerulare:2 <u>Dovada</u>	1.25 p



		10. Maşina multifuncţională pentru sortarea şi marunţirea deşeurilor polimerice compozite şi realizarea unei fracţii de reciclat de înaltă calitate, destinată reutilizării în procesul de fabricaţie, Acronim MARECICLA perioada: 2008 - 2011 finantator: MCT NrContract: <b>INOVARE Modulul I – 267/2008 (INOVARE 1522/ 2008)</b> NrAniDerulare:4 Dovada	1.75 p
		11. Stabilirea unui program de prognozare a calitatii aerului pentru 1zi/2zile/3zile la scara locala- studio pilot - pentru aglomerarile Craiova, Cluj si Iasi. Proiect peste 10Q00 Euro, finantator: Ministerul Mediului NrContract: <b>4165 AK/2007</b> NrAniDerulare:1 Dovada	4.20 p
		<b>Total puncte S2</b>	<b>83.84 p</b>
<b>Total puncte A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terţi</b>			<b>108.34 p</b>
<b>A3.2 Prezentarea/Diseminarea rezultatelor: prezenţă la manifestări ştiinţifice în calitate de autor/co-autor de lucrări, profesor invitat</b>			
Congrese/conferinţe / workshopuri internaţionale, profesor invitat la universităţi/ institute din străinătate	N5 = număr	1. <b>Munteanu M.V.</b> , Scutaru M.L., Savu R.L., EXPERIMENTAL RESEARCH ON THE MECHANICAL PROPERTIES OF CARBON AND KEVLAR BASED COMPOSITES, The 10 <sup>th</sup> International Conference on ADVANCED COMPOSITE MATERIALS ENGINEERING COMAT 2024, p. 70-74, ISSN 2457-8541, An Aparitie:2024	1 p
		2. <b>Munteanu M.V.</b> , Scutaru M.L., Istrate S. GLASS FIBER COMPOSITE MATERIALS: STUDIES AND EXPERIMENTAL TESTS, The 10 <sup>th</sup> International Conference on ADVANCED COMPOSITE MATERIALS ENGINEERING COMAT 2024, p. 60 - 69, ISSN 2457-8541, An Aparitie:2024	1 p
		3. <b>Munteanu M.V.</b> , Scutaru M.L., Cerneleac I., STATIC ANALYSIS AND SIMULATION OF THE BEHAVIOR OF ALUMINUM COMPOSITE MATERIALS, The 10 <sup>th</sup> International Conference on ADVANCED COMPOSITE MATERIALS ENGINEERING COMAT 2024, p. 51 - 59, ISSN 2457-8541, An Aparitie:2024	1 p

	<p>4. Purcarea R., Pufu G., Toth M, <b>Munteanu M.V.</b>, PROCESSING OF A COMPONENT USING A CNC MILLING MACHINE, The 10<sup>th</sup> International Conference on ADVANCED COMPOSITE MATERIALS ENGINEERING COMAT 2024, p. 86 - 90, ISSN 2457-8541, An Aparitie:2024</p>	1 p
	<p>5. M.D. Stanciu, M. Trandafir, Gh. Dron, <b>M.V. Munteanu</b>, V. Bucur, Numerical Modal Analysis of Kinked Bars –Triangle Case of Study”, ModTech International Conference: Modern Technologies in Industrial Engineering IX (ModTech 2021) 23rd-26th June 2021, Eforie Nord, Romania, 1182 (2021) 012074, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Stanciu_2021_10P_Conf._Ser._Mater._Sci._Eng._1182_012074.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Stanciu_2021_10P_Conf._Ser._Mater._Sci._Eng._1182_012074.pdf</a>, doi:10.1088/1757-899X/1182/1/012074</p>	1 p
	<p>6. Gh. Dron, R. Şelaru, M.D. Stanciu, <b>M.V. Munteanu</b>, Analysis Of Voltage And Deformations Conditions Of The Strength Structure Of A Retractable Wooden Garage, Proceeding of COMAT 2020 &amp; eMech 2020, 29-31 oct. 2020, Braşov, p. 230-234, ISSN 2457-8541, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/230_-_234_DRON_SELARU_STANCIU_MUNTEANU_ANALYSIS_OF_VOLTAGE_A.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/230_-_234_DRON_SELARU_STANCIU_MUNTEANU_ANALYSIS_OF_VOLTAGE_A.pdf</a></p>	1 p
	<p>7. Stanciu M.D., Năstac S., Mihălică M., <b>Munteanu M.V.</b>, <i>Experimental analysis of the dynamic behavior of a car trailer</i>, in Proceeding of The ICMSAV, COMAT, eMech 2018, 25-26 oct. 2018, Braşov, p. 216-221, ISSN 2457-8541, <a href="https://mecanica.unitbv.ro/%C8%99tiri-%C8%99i-evenimente/394-icmsav-comat-emech-2018.html">https://mecanica.unitbv.ro/%C8%99tiri-%C8%99i-evenimente/394-icmsav-comat-emech-2018.html</a>, <a href="http://aspeckt.unitbv.ro/jspui/handle/123456789/2325">http://aspeckt.unitbv.ro/jspui/handle/123456789/2325</a></p>	1 p
	<p>8. <b>Munteanu M.V.</b>, Stanciu M.D., Vlase S., <i>Rheological analysis of guitars subjected to environment variations</i>, Proceeding of The ICMSAV, COMAT, eMech 2018, 25-26 oct. 2018, Braşov, p. 222-226, ISSN 2457-8541, <a href="https://mecanica.unitbv.ro/%C8%99tiri-%C8%99i-evenimente/394-icmsav-comat-emech-2018.html">https://mecanica.unitbv.ro/%C8%99tiri-%C8%99i-evenimente/394-icmsav-comat-emech-2018.html</a>, <a href="http://aspeckt.unitbv.ro/jspui/handle/123456789/2326">http://aspeckt.unitbv.ro/jspui/handle/123456789/2326</a></p>	1 p



	<p>9. M.D. Stanciu, P. C. Lăbont, C. Târnoveanu, H. Bege, <b>M.V. Munteanu</b>: <i>Comparison Between Numerical and Physical Model of Lignocellules Materials Subjected to Cyclic Bending</i>, in Proceeding of The 7<sup>th</sup> International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 15-18, ISSN 2457-8541, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/15-18_Stanciu_Mariana_Labont(1).pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/15-18_Stanciu_Mariana_Labont(1).pdf</a>, <a href="http://aspeckt.unitbv.ro/jspui/handle/123456789/2169">http://aspeckt.unitbv.ro/jspui/handle/123456789/2169</a></p>	1 p
	<p>10. M.D. Stanciu, C. Târnoveanu, H. Bege, <b>M.V. Munteanu</b>, S.M. Năstac: <i>The Computation Of The Internal Forces In The Structure Of A Wind Turbine</i> in Proceeding of The 7<sup>th</sup> International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 19-22, ISSN 2457-8541, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/19-22_Stanciu_Mariana_Tarnoveanu.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/19-22_Stanciu_Mariana_Tarnoveanu.pdf</a>, <a href="http://aspeckt.unitbv.ro/jspui/handle/123456789/2170">http://aspeckt.unitbv.ro/jspui/handle/123456789/2170</a></p>	1 p
	<p>11. M.D. Stanciu, <b>M.V. Munteanu</b>, S.V. Georgescu, I.Ş. Urucu, P.G. Duţă, <i>Analysis of Lignocellulose Structures Deformations by Quantitative and Qualitative Methods</i> in Proceeding of The 7<sup>th</sup> International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 87-92, ISSN 2457-8541. (BG85/2016), <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/87-92_Stanciu_Mariana_Violeta_M.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/87-92_Stanciu_Mariana_Violeta_M.pdf</a>, <a href="http://aspeckt.unitbv.ro/jspui/handle/123456789/2182">http://aspeckt.unitbv.ro/jspui/handle/123456789/2182</a></p>	1 p
	<p>12. <b>M.V. Munteanu</b>, <i>The dynamic model of the lower limb movement</i>, 40th International Conference on Mechanics of Solids, Acoustics and Vibrations &amp; The 6th International Conference on Advanced Composite Materials Engineering, COMAT2016 &amp; ICMSAV2016, Brasov, ROMANIA, 24-25 November 2016; COMAT 2016; pp. 405-408, ISSN 1844 - 9336; <a href="https://sites.google.com/site/comat2016/">https://sites.google.com/site/comat2016/</a>; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/dovada_munteanu_comat_2016.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/dovada_munteanu_comat_2016.pdf</a></p>	1 p



	<p>13. O. Pop, I. Goia, D. Rosu, S. Vlase, <b>M.V. Munteanu</b>, Energy release rate evaluation in sandwich composite structures by using the DIC, 6th International Conference Computational Mechanics and Virtual Engineering COMEC 2015, 15-16 October 2015, p. 483-487, Brasov, Romania, 2015;  <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/mvm_comec_derc_2015.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/mvm_comec_derc_2015.pdf</a></p>	1 p
	<p>14. M. Mihălcică, I. Burcă, <b>M.V. Munteanu</b>, <i>An Inexpensive Solution For Tracking the Knee Flexion Angle For Patients in Motor Recovery</i>, Palestrica of the Third Millennium Civilization and Sport – Vol. 16, No. 2, April - June 2015, p. 149–153, 2015, PALESTRICA MILENIULUI III-CIVILIZATIE SI SPORT/ PALESTRICA OF THE THIRD MILLENNIUM; 1582-1943;  <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/pm3_15_-_mihalcica_149-153_2015.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/pm3_15_-_mihalcica_149-153_2015.pdf</a></p>	1 p
	<p>15. M.V. Guiman, I. Burcă, <b>M.V. Munteanu</b>, M. Mihălcică, <i>Theoretical and Experimental Aspects Regarding Long Jump Dynamics</i>, Palestrica of the Third Millennium Civilization and Sport – Vol. 16, No. 2, April - June 2015, p. 154–157, 2015, PALESTRICA MILENIULUI III-CIVILIZATIE SI SPORT/ PALESTRICA OF THE THIRD MILLENNIUM; 1582-1943;  <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/Palestrica_16_-_guiman_154-157_2015.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/Palestrica_16_-_guiman_154-157_2015.pdf</a></p>	1 p
	<p>16. M. Mihălcică, I. Burcă, <b>V. Munteanu</b>, A motion capture and analysis system to aid the physician during the motor recovery of patients, Palestrica of the Third Millennium Civilization and Sport – Vol. 15, No. 4, October - December 2014, p. 296-300, 2014;  <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/palestrica_III_2014_a_motion_capture.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/palestrica_III_2014_a_motion_capture.pdf</a></p>	1 p

	<p>17. M. Mihălcică, V. Guiman, <b>V. Munteanu</b>, A cheap and portable motion analysis system, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research &amp; Innovation in Engineering", COMAT 2014, 16 – 17 October 2014, Brasov, Romania, 2014; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/1.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/1.pdf</a></p>	1 p
	<p>18. M. Mihălcică, V. Guiman, <b>V. Munteanu</b>, Using motion analysis software to gather sports experimental data, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research &amp; Innovation in Engineering", COMAT 2014, 16 – 17 October 2014, Brasov, Romania, 2014; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/2.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/2.pdf</a></p>	1 p
	<p>19. M. Mihălcică, V. Guiman, <b>V. Munteanu</b>, Using curve fitting as a method to analyze motion analysis data for sports, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research &amp; Innovation in Engineering", COMAT 2014, 16 – 17 October 2014, Brasov, Romania, 2014; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/3.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/3.pdf</a></p>	1 p
	<p>20. M.V. Guiman, M. Mihălcică, <b>M.V. Munteanu</b>, A method for determine the run-up velocity of the long jump, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research &amp; Innovation in Engineering", COMAT 2014, 16 – 17 October 2013, Brasov, Romania, 2014; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/guiman_1.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/guiman_1.pdf</a></p>	1 p
	<p>21. <b>M.V. Munteanu</b>, M.V. Guiman, M. Mihălcică, Stanciu A.E., Current motion capture technologies used in human motion analysis, The 5th International Conference "Advanced Composite Materials Engineering" and The 3rd International Conference "Research &amp; Innovation in Engineering", COMAT 2014, 16 – 17 October 2014, Brasov, Romania, 2014; <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/munteanu_1.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/munteanu_1.pdf</a></p>	1 p



		22. <b>M.V. Munteanu</b> , Kinematical Analysis Of The Multibody Systems, 5th International Conference "Computational Mechanics and Virtual Engineering" COMEC 2013, 24- 25 October 2013, Braşov, Romania, ISBN 978 - 606 - 19 - 0225 - 5, pp. 497-499, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/comec_2013_munteanu_1.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1066/comec_2013_munteanu_1.pdf</a>	1 p
		23. A.E. Stanciu, D. Cotoros, R. Purcarea, <b>M.V. Munteanu</b> , Microscopic Analysis Of Composite Materials Tested, 5th International Conference "Computational Mechanics and Virtual Engineering" COMEC 2013, 24- 25 October 2013, Braşov, Romania, ISBN 978 - 606 - 19 - 0225 - 5, pp. 440-443, <a href="http://aspekt.unitbv.ro/jspui/handle/123456789/333">http://aspekt.unitbv.ro/jspui/handle/123456789/333</a>	1 p
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<b>Total puncte A3.2 Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat</b>		<b>65 p</b>
<b>A3.3 Citări în publicații BDI [5] (se exclud autocitățile)</b>		

<p>C1 = numărul de citări</p> <p><math>S_{F1}</math> = suma factorilor de impact al publicațiilor WOS în care apar citările</p>	<p><math>C = C1 + S_{F1}</math></p>	<p>I. Száva, S. Vlase, I.R. Száva, G. Turzó, <b>V.M. Munteanu</b>, T. Gălăţanu, Z. Asztalos, B.P. Gálfi, Modern Dimensional Analysis-Based Heat Transfer Analysis: Normalized Heat Transfer Curves publicație:Mathematics issn:2227-7390 Dată:2023 nrAutori:8, SRI 0.86, FI 2.592, WOS:000931043000001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000931043000001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000931043000001</a></p>	<p>1. Száva, J; Bolló, B ; Száva, IR ; Sorin, V; Jármai, K; Galatanu, TF ; Bencs, P; Gálfi, BP, Experimental Validation of Heat Propagation: Results of the Numerical Modelling for Real Scale Steel Structural Elements and Different Assigned Models, Subjected to Simulated Fire, Acta Polytechnica Hungarica, Volume 21, Issue 5, Page 135-159, ISSN 1785-8860, 2024, WOS:001320557000001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001320557000001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001320557000001</a></p> <p style="text-align: right;">Dovada</p>	<p><b><math>S_{F1} = 0.438</math></b></p> <p style="text-align: right;"><b>C1=1</b>      <b>C=1.438 P</b></p>
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		<p>Z. G. Turzó, I.R. Száva, S. Dancsó, I. Száva, S. Vlase, <b>V. Munteanu</b>, T. Gălăţanu, Z. Asztalos, A New Approach in Heat Transfer Analysis: Reduced-Scale Straight Bars with Massive and Square-Tubular Cross-Sections publicație:Mathematics issn:2227-7390 Dată:2022 nrAutori:8, SRI 0.86, FI 2.592, WOS:000867126600001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000867126600001">https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000867126600001</a></p>	<p>1. Asztalos, Z ; Száva, I; Scutaru, ML; Vlase, S; Gálfi, BP; Renáta-Ildikó, S; Popa, G, Modern Dimensional Analysis Model Laws Used to Model Additive Manufacturing Processes, APPLIED SCIENCES-BASEL, Volume 14, Issue 16, DOI 10.3390/app14166965, eISSN 2076-3417, AUG 2024, WOS:001305162500001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001305162500001">https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001305162500001</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>ri</sub>=0.781</b></p>
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			<p>2. Száva, J ; Bolló, B ; Száva, IR ; Sorin, V ; Jármái, K ; Galatanu, TF ; Bencs, P; Gálfi, BP, Experimental Validation of Heat Propagation: Results of the Numerical Modelling for Real Scale Steel Structural Elements and Different Assigned Models, Subjected to Simulated Fire, Acta Polytechnica Hungarica, Volume 21, Issue 5, Page 135-159, ISSN 1785-8860, 2024 WOS:001320557000001, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001320557000001">https://0a10qr733-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001320557000001</a> Dovada</p>	<b>S<sub>FI</sub> =0.438</b>
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			<p>3. Gálfi, BP; Száva, IR; Száva, J; Sorin, V; Galatanu, TF; Jármai, K; Asztalos, Z; Popa, G, Modern Dimensional Analysis Based on Fire-Protected Steel Members' Analysis Using Multiple Experiments, FIRE-SWITZERLAND, Volume 5, Issue 6, DOI 10.3390/fire5060210, DEC 2022, ISSN 2571-6255, <a href="https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000901238700001">https://0a10qr733-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000901238700001</a></p> <p style="text-align: right;">Dovada</p>	<b>S<sub>R</sub> =1.154</b>
			<b>C1=3</b>	<b>C=5.759 p</b>
		<p>3. A. Modrea, <b>V.M. Munteanu</b>, I. Pruncu, Using the Symmetries in the Civil Engineering. An overview publicație:Procedia Manufacturing Volume 46, 2020, Pages 906-913 issn:2351-9789 Dată:2020 nrAutori:3 BDI:SCOPUS WOS:000582466200128 <a href="https://0a10qra36-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200128">https://0a10qra36-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000582466200128</a></p>	<p>1. Vlase S., Itu C., The Properties of Structures with Two Planes of Symmetry, SYMMETRY-BASEL, Volume 16, Issue 8, DOI 10.3390/sym16081075, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, AUG 2024, eISSN 2073-8994, <a href="https://0a10qra36-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001304880500001">https://0a10qra36-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001304880500001</a></p> <p style="text-align: right;">Dovada</p>	<b>S<sub>R</sub> =0.71</b>

			<p>2. Podgorelec, D ; Kolingerová, I ; Lovenjak, L; Zalik, B, AHILS-An Algorithm for Establishing Hierarchy among Detected Weak Local Reflection Symmetries in Raster Images, SYMMETRY-BASEL, Volume 16, Issue 4, DOI 10.3390/sym16040442, Article Number 442, APR 2024, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, eISSN 2073-8994, <a href="https://0a10qra8q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:001220326700001">https://0a10qra8q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:001220326700001</a></p> <p style="text-align: right;"><b>Dovada</b></p>	<b>S<sub>RI</sub> =0.71</b>
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			<p>3. Buccino, F; Bruzzaniti, P; Candidori, S; Graziosi, S; Vergani, LM, Tailored Torsion and Bending-Resistant Avian-Inspired Structures, ADVANCED ENGINEERING MATERIALS, Volume 24, Issue 12, DOI 10.1002/adem.202200568, Article Number 2200568, DEC 2022, WILEY-VCH VERLAG GMBHPOSTFACH 101161, 69451 WEINHEIM, GERMANY, ISSN 1438-1656, eISSN 1527-2648, <a href="https://doi.org/10.1002/adem.202200568">https://doi.org/10.1002/adem.202200568</a>, <a href="https://www.webofscience.com/z-e-information.ro/wos/woscc/full-record/WOS:000850648300001">https://www.webofscience.com/z-e-information.ro/wos/woscc/full-record/WOS:000850648300001</a></p>	<p><b>S<sub>FI</sub> =0.596</b></p>
			Dovada	

			<p>4. Zalik, B; Strnad, D; Kohek, S; Kolingerová, I; Nerat, A; Lukac, N; Podgorelec, D, A Hierarchical Universal Algorithm for Geometric Objects' Reflection Symmetry Detection, SYMMETRY-BASEL, Volume 14, Issue 5, DOI 10.3390/sym14051060, Article Number 1060, MAY 2022, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, Eissn 2073-8994, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000801731900001">https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000801731900001</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>FI</sub> =0.738</b></p>
			<b>C1=4</b>	<b>C=6.754 p</b>
		<p>4. M.D. Stanciu, V. Bucur , <b>V.M. Munteanu</b> , S.V. Georgescu, S.M. Năstac, Moisture-induced deformation in the neck of a classical guitar revista:HOLZFORSCHUNG issn: 1437-434X AnAparitie: 2019 nrAutori:5 SRI 2.177 FI 2.579, WOS:000462742500006, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000462742500006">https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000462742500006</a></p> <p style="text-align: right;">Dovada</p>	<p>1. Bucur V., A Review on Acoustics of Wood as a Tool for Quality Assessment, FORESTS, Volume 14, Issue 8, DOI 10.3390/f14081545, Article Number 1545, AUG 2023, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, eISSN 1999-4907, <a href="https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001119945300001">https://0a10qra8q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:001119945300001</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>FI</sub> = 0.923</b></p>



			<p>2. Grottesi, G; Coelho, GBA; Kraniotis, D, Heat and Moisture Induced Stress and Strain in Wooden Artefacts and Elements in Heritage Buildings: A Review, APPLIED SCIENCES-BASEL, Volume 13, Issue 12, DOI 10.3390/app13127251, Article Number 7251, JUN 2023, MDPIST ALBAŢ-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, eISSN 2076-3417, <a href="https://ojs10.gramo-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:001016930900001">https://ojs10.gramo-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:001016930900001</a></p>	<b>S<sub>FI</sub>=0.781</b>
				<b>Dovada</b>



			<p>3. Dinulica, F; Bucur, V; Albu, CT; Vasilescu, MM; Curtu, AL; Nicolescu, N, Relevant phenotypic descriptors of the resonance Norway spruce standing trees for the acoustical quality of wood for musical instruments, EUROPEAN JOURNAL OF FOREST RESEARCH, Volume 140, Issue 1, Page 105-125, DOI 10.1007/s10342-020-01318-z, FEB 2021, SPRINGER ONE NEW YORK PLAZA, SUITE 4600 , NEW YORK, NY 10004, UNITED STATES, ISSN 1612-4669, eISSN 1612-4677, <a href="https://doi.org/10.1007/s10342-020-01318-z">https://doi.org/10.1007/s10342-020-01318-z</a>, <a href="https://www.webofscience.com.z.e-information.ro/wos/woscc/full-record/WOS:000572630500001">https://www.webofscience.com.z.e-information.ro/wos/woscc/full-record/WOS:000572630500001</a></p>	<p><b>S<sub>PI</sub> = 1.02</b></p>
			<p>Dovada</p>	



			<p>4. Stanciu, MD; Bârsanescu, P, Goanta, V; Savin, A, Experimental determination of stress and strain states of the guitar's wood structure, MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII, Volume 916, DOI 10.1088/1757-899X/916/1/012113, Book Series IOP Conference Series-Materials Science and Engineering, Article Number 012113, 2020, IOP PUBLISHING LTDDIRAC HOUSE, TEMPLE BACK, BRISTOL BS1 6BE, ENGLAND, ISSN 1757-8981, <a href="https://doi.org/10.1088/1757-899X/916/1/012113">https://doi.org/10.1088/1757-899X/916/1/012113</a>, <a href="https://www.iopscience.iop.org/journal/012113">https://www.iopscience.iop.org/journal/012113</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>ri</sub> = 0</b></p>
			<b>C1=4</b>	<b>C=6.724 p</b>



		<p>5. <b>V.M. Munteanu</b>, M.D. Stanciu, S.M. Nastac, A. Savin, Modal analysis of small turbine blade made from glass fibres composites revista: Materials Science and Engineering, issn: 1757-899X AnAparitie: 2018 nrAutori:4 BDI: Web of Science, WOS:000467443600091, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000467443600091">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000467443600091</a></p>	<p>1. Zhang, JK; Liu, HH, Effect of blade tip pattern on blade load and vibration characteristics of a twin-stage axial flow fan, JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, Volume 36, Issue 7, Page 3487-3500, DOI 10.1007/s12206-022-0626-4, JUL 2022, KOREAN SOC MECHANICAL ENGINEERSKSTC NEW BLD. 7TH FLOOR, 635-4 YEOKSAM-DONG KANGNAM-KU, SEOUL 135-703, SOUTH KOREA, ISSN 1738-494X, eISSN 1976-3824, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000825227900024">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000825227900024</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>F1</sub> = 0.405</b></p>
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			<p>2. Stanciu, MD; Nastac, SM; Tesula, I, Prediction of the Damage Effect on Fiberglass-Reinforced Polymer Matrix Composites for Wind Turbine Blades, POLYMERS, Volume 14, Issue 7, DOI 10.3390/polym14071471, Article Number 1471, APR 2022, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, eISSN 2073-4360, <a href="https://doi.org/10.3390/polym14071471">https://doi.org/10.3390/polym14071471</a>, <a href="https://www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000781582400001">https://www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000781582400001</a></p>	<b>S<sub>ri</sub> = 0.979</b>
			Dovada	
			<b>C1=2</b>	<b>C=3.384 p</b>



		<p>6. Teodorescu-Draghicescu H., Vlase,S., Chiru, A., Purcarea, R., <b>Munteanu, V.M.</b>, Theoretical and Experimental Approaches Regarding the Stiffness Increase of Fibre-Reinforced Composite Structures revista:ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL II Book Series: Mathematics and Computers in Science and Engineering issn:978-960-474-122-9 AnAparitie:2009 nrAutori:5 BDI: WOS:000295540700037, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000295540700037">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000295540700037</a></p>	<p>1. Modrea, A; Gheorghe, V; Sandu, V; Teodorescu-Draghicescu, H; Mihalcica, M; Scutaru, ML, Study of a New Composite Material Rt800 Reinforced with Polyte 440-M888 in Endurance Conditions, 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015, Volume 22, Page 182-186, DOI 10.1016/j.protcy.2016.01.042, Book Series Procedia Technology, 2016, ELSEVIER SCIENCE BVSARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, ISSN 2212-0173, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000383949300027">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000383949300027</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>R</sub> = 0</b></p>
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			<p>2. Száva, I; Modrea, A; Gálfi, BP; Munteanu, AR, Glass fabric-reinforced Polyte 440-M888 composite laminated subjected to tensile load on warp direction, 8TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2014 Volume 19, Page 254-259, DOI 10.1016/j.protcy.2015.02.037, Book Series Procedia Technology, 2015, ELSEVIER SCIENCE BVSARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, ISSN 2212-0173, <a href="https://doi.org/10.1016/j.protcy.2015.02.037">https://doi.org/10.1016/j.protcy.2015.02.037</a>, <a href="https://www.webofscience.com/z.e-nformation.ro/wos/woscc/full-record/WOS:000358732500036">https://www.webofscience.com/z.e-nformation.ro/wos/woscc/full-record/WOS:000358732500036</a></p>	<p><b>S<sub>ri</sub> = 0</b></p>
			Dovada	



			<p>3. Modrea, A; Teodorescu, F; Rosu, D, Tensile tests on four layers CSM600 glass fibers-reinforced Poly lite 440-M888 polyester resin, 8TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2014, Volume 19, Page 284-290, DOI 10.1016/j.protcy.2015.02.041, Book Series Procedia Technology, 2015, ELSEVIER SCIENCE BVSARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, ISSN 2212-0173, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000358732500040">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000358732500040</a></p>	<p>S<sub>FI</sub> = 0</p>
				Dovada



			<p>4. Vlase, S; Purcarea, R; Teodorescu-Draghicescu, H; Calin, MR; Szava, I; Mihalcica, M, Behavior of a new Heliopol/Stratimat300 composite laminate, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume 7, Issue 7-8, Page 569-572, JUL-AUG 2013, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1842-6573, eISSN 2065-3824, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000323397800021">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000323397800021</a></p>	<p><b>S<sub>RI</sub> = 0.156</b></p> <p>Dovada</p>
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			<p>5. Niculita, C; Gabor, A; Gheorghe, V; Calin, MR; Scutaru, ML, A new epoxy glass roving fabric material with a nonwoven PES fibers structure used in a composite laminates, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume 15, Issue 3-4, Page 176-181, MAR-APR 2013, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1454-4164, eISSN 1841-7132, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000319788000008">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000319788000008</a></p>	<p><b>S<sub>F1</sub> = 0.188</b></p>
				Dovada





			<p>6. Vlase, S; Teodorescu-Draghicescu, H; Calin, MR; Scutaru, ML, Advanced Polylite composite laminate material behavior to tensile stress on weft direction, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume 14, Issue 7-8, Page 658-663, JUL-AUG 2Q12, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1454-4164, eISSN 1841-7132, <a href="https://Da10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000308718300015">https://Da10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000308718300015</a></p>	<p><b>S<sub>ci</sub> = 0.188</b></p>
				Dovada

			<p>7. Niculita, C, Mechanical behavior of epoxy 1050_GBX300L-1250 glass fabric laminates subjected to three-point bend tests, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume 6, Issue 3-4, Page 487-490, MAR-APR 2012, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1842-6573, eISSN 2065-3824, <a href="https://Oa10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000304431000028">https://Oa10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000304431000028</a></p> <p>Dovada</p>	<b>S<sub>F1</sub> = 0.156</b>
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			<p>B. Stanciu, A; Teodorescu-Draghicescu, H; Vlase, S; Scutaru, ML; Calin, MR, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume 6, Issue 3-4, Page 495-497, MAR-APR 2012, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1842-6573, eISSN 2065-3824, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000304431000030">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000304431000030</a></p>	<p><b>S<sub>FI</sub> = 0.156</b></p>
				<p>Dovada</p>



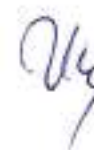
			<p>9. Niculita, C, Mechanical behavior of carbon fibre-reinforced epoxy/plain200 prepregs subjected to three-point bend tests, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume 6, Issue 3-4, Page 504-507, MAR-APR 2012, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1842-6573, eISSN 2065-3824, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000304431000032">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000304431000032</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>FI</sub> = 0.156</b></p>
			<b>C1=9</b>	<b>C=10.0 p</b>



		<p>7. Teodorescu-Draghicescu H., Vlase, S., Roşu D., Purcarea, R., <b>Munteanu, V.M.</b>, Damping Analysis of a New Sandwich Structure revista: WORLD CONGRESS ON ENGINEERING 2009, VOLS I AND II Book Series: Lecture Notes in Engineering and Computer Science issn:978-988-17012-5-1 AnAparitie:2009 nrAutori:5 BDI: WOS:000271615700334, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000271615700334">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000271615700334</a></p> <p>Dovada</p>	<p>1. Vlase, S; Purcarea, R; Teodorescu-Draghicescu, H; Calin, MR; Szava, I; Mihalcica, M, Behavior of a new Heliopol/Stratimat300 composite laminate, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume 7, Issue 7-8, Page 569-572, JUL-AUG 2013, NATL INST OPTOELECTRONICS1 ATOMISTILOR ST, PO BOX MG-5, BUCHAREST-MAGURELE 76900, ROMANIA, ISSN 1842-6573, eISSN 2065-3824, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000323397800021">https://0a10qramo-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000323397800021</a></p> <p>Dovada</p>	<p><b>S<sub>FI</sub> = 0.156</b></p>
			<p><b>C1=1</b></p>	<p><b>C=1.156 p</b></p>

		<p>B. H. Teodorescu, S. Vlase, A. Stanciu, V. Guiman, <b>V. Munteanu</b>, M. Văşii, The increase of loading capability of glass fibers reinforced composite tubes revista:PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF DAAAM BALTIC INDUSTRIAL ENGINEERING, PTS 1 AND 2 issn:978-9-985-59783-5 AnAparitie:2008 nrAutori:6 BDI: Page: 567-572, WOS:000257464400094, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000257464400094">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000257464400094</a></p>	<p>1. Stanca, G; Teodorescu, F; Avramescu, V; Teodorescu-Draghicescu, H; Craciunoiu, ST, ON THE PRE-TENSIONING TECHNIQUE OF PMC-TUBES FOR AN ULTRA-LIGHT WHEEL CHAIR WITH MEDICAL APPLICATIONS, PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES, QUALITY AND INNOVATION: MODTECH 2009 - NEW FACE OF TMCR, Page 655-658, Book Series, Proceedings of the International Conference ModTech, 2009, UNIV TECH GHEORGHE ASACHI IASIADRESA BD DIMITRIE MANGERON, NR 67, IASI, 700050, ROMANIA, ISSN 2066-3919, <a href="https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000274641800162">https://0a10qramo-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000274641800162</a></p>	<p>S<sub>FI</sub> = 0  FIR 2023          Dovada</p>
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			<p>2. Scutaru, LM; Katouzian, M; Vlase, S; Teodorescu-Draghicescu, H; Chiru, A, Some Results and an Experimental Evaluation of the Viscoelastic Parameters of Laminated Composites, PROCEEDINGS OF THE 4TH IASME/WSEAS INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Page 146+, Book Series Mathematics and Computers in Science and Engineering, Book Subtitle RECENT ADVANCES IN CONTINUUM MECHANICS, 2009, WORLD SCIENTIFIC AND ENGINEERING ACAD AND SOCAG LOANNOU THEOLOGOU 17-23, 15773 ZOGRAPHOU, ATHENS, GREECE, ISSN 1792-4308, <a href="https://ojs.ingramco.com/https://www.webofscience.com.z.e-nformation.org/wos/woscc/full-record/WOS:000266665100022">https://ojs.ingramco.com/https://www.webofscience.com.z.e-nformation.org/wos/woscc/full-record/WOS:000266665100022</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>n</sub> = 0</b></p> <p><b>FIR 2023</b></p> <p style="text-align: right;"><b>C1=2</b></p> <p style="text-align: right;"><b>C=2.0 p</b></p>
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		<p>9. S. Vlase, A. Modrea, I. Burcă, R. Purcărea, <b>V. Munteanu</b>, M.L. Scutaru, EXPERIMENTAL RESULTS CONCERNING THE GEOMETRIC, STRUCTURAL AND DIMENSIONAL DIFFERENCES IN FIBER REINFORCED COMPOSITES revista:ANNALS OF DAAAM FOR 2008 &amp; PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings issn:ISBN:978-3-901509-68-1 ISSN: 1726-9679 AnAparitie:2008 nrAutori:6 BDI: WOS:000262860100745, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100745">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100745</a></p>	<p>1. Scutaru, LM; Katouzian, M; Vlase, S; Teodorescu-Draghicescu, H; Chiru, A, An Estimation of the Viscoelastic Parameters of Laminated Composites, PROCEEDINGS OF THE 4TH IASME/WSEAS INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Page 140-+, Book Series Mathematics and Computers in Science and Engineering, Book Subtitle RECENT ADVANCES IN CONTINUUM MECHANICS, 2009, WORLD SCIENTIFIC AND ENGINEERING ACAD AND SOCAG LOANNOU THEOLOGOU 17-23, 15773 ZOGRAPHOU, ATHENS, GREECE, ISSN 1792-4308, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100021">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100021</a></p> <p style="text-align: right;">Dovada</p>	<p><math>S_{Fi} = 0</math></p> <p><b>FIR 2023</b></p> <p style="text-align: right;"><b>C1=1</b></p> <p style="text-align: right;"><b>C=1.0 p</b></p>
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	<p>10. Vlase S., <b>Munteanu M.V.</b>, Scutaru M.L., ON THE TOPOLOGICAL DESCRIPTION OF THE MULTIBODY SYSTEMS revista:ANNALS OF DAAAM FOR 2008 &amp; PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings issn:ISBN:978-3-901509-68-1 ISSN: 1726-9679 AnAparitie:2008 nrAutori:3 BDI: WOS:000262860100746, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100746">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000262860100746</a></p>	<p>1. Negrean I, FORMULATIONS ABOUT ELASTODYNAMICS IN ROBOTICS, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 62, Issue 2, Page 237-250, Published JUN 2019, TECHNICAL UNIV CLUJ-NAPOCA, FAC MACHINE BUILDING DEPT SYSTEMS ENGB-DUL MUNCII NR 103 105, RM C01, CLUJ-NAPOCA CP 400641, ROMANIA, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN 1221-5872, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000483186000003">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000483186000003</a></p> <p style="text-align: right;"><b>Dovada</b></p>	<p><b>S<sub>fi</sub> = 0.024 p</b></p> <p><b>FIR 2023</b></p>
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			<p>2. Negrean I, Crişan A., FORMULATIONS ON ACCURACY IN ADVANCED ROBOT MECHANICS, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 62, Issue 1, Page 23-32, Published MAR 2019, TECHNICAL UNIV CLUJ-NAPOCA, FAC MACHINE BUILDING DEPT SYSTEMS ENGB-DUL MUNCII NR 103 105, RM C01, CLUJ-NAPOCA CP 400641, ROMANIA, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN 1221-5872, <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000464577100004">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000464577100004</a></p> <p style="text-align: right;"><b>Dovada</b></p>	<p><b>S<sub>n</sub> = 0.024 p</b></p> <p><b>FIR 2023</b></p>
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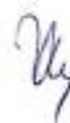


			<p>3. Vlase, S; Crişan A., Itu C; Scutaru, ML, FEA ANALYSIS OF THE INTERACTION CHAMBER FOR THE ELI-NP ARRAY OF DETECTORS (ELIADE) ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 62, Issue 1, Page 41-46, Published MAR 2019, TECHNICAL UNIV CLUJ-NAPOCA, FAC MACHINE BUILDING DEPT SYSTEMS ENGB-DUL MUNCII NR 103 105, RM C01, CLUJ-NAPOCA CP 400641, ROMANIA, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN 1221-5872, <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-information.ro/wos/woscc/full-record/WOS:000464577100005">https://0a10qs66q-y-https-www-webofscience-com.z-e-information.ro/wos/woscc/full-record/WOS:000464577100005</a></p>	<p><math>S_{FI} = 0.024</math> p</p> <p>FIR 2023</p>
			<p>Dovada</p>	



			<p>4. Negrean I, Crişan A., THE JACOBIAN MATRIX BASED ON THE TRANSFER MATRICES, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 62, Issue 1, Page 127-134, Published MAR 2019, TECHNICAL UNIV CLUJ-NAPOCA, FAC MACHINE BUILDING DEPT SYSTEMS ENGB-DUL MUNCII NR 103 105, RM C01, CLUJ-NAPOCA CP 400641, ROMANIA, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN 1221-5872, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000464577100017">https://0a10qs66q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000464577100017</a></p> <p style="text-align: right;"><b>Dovada</b></p>	<p><b>S<sub>FI</sub> = 0.024 p</b></p> <p><b>FIR 2023</b></p>
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			<p>5. Itu C, Vlase, S; Scutaru, ML, Pena, CS; Borza, PN; Mihalcica, M, Universal Absorber Applied to NVH in EV's Powertrain, ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES (AVMS-2017), Volume 198, Page 361-366, DOI 10.1007/978-3-319-69823-6_42, Book Series Springer Proceedings in Physics, Published 2018, SPRINGER-VERLAG BERLINHEIDELBERGER PLATZ 3, D-14197 BERLIN, GERMANY, ISSN 0930-8989, eISSN 1867-4941, <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000437313600042">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000437313600042</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>FI</sub> = 0 p</b></p> <p><b>FIR 2023</b></p>
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			<p>6. Vlase, S; Nastac, C; Marin, M; Mihalica, M; A METHOD FOR THE STUDY OF THE VIBRATION OF MECHANICAL BARS SYSTEMS WITH SYMMETRIES, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 60, Issue 4, Page 539-544, Published NOV 2017, TECHNICAL UNIV CLUJ-NAPOCA, FAC MACHINE BUILDING DEPT SYSTEMS ENGB-DUL MUNCII NR 103 105, RM C01, CLUJ-NAPOCA CP 400641, ROMANIA, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN 1221-5872, <a href="https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000428901100014">https://0a10qs66q-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000428901100014</a></p> <p style="text-align: right;">Dovada</p>	<p><b>S<sub>F1</sub> = 0.024 p</b></p> <p><b>FIR 2023</b></p>
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			<p>7. Tofan, M; Burca, I; Mihalcica, M; Secara, E; Hisom, R; Popa, I; MATHEMATICAL MODELS FOR THE HUMAN BODY MOTIONS ANALYSIS, PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES, QUALITY &amp; INNOVATION: MODTECH 2009 - NEW FACE OF TMCR, Page 671-674, Book Series Proceedings of the International Conference ModTech, Published 2009, UNIV TECH GHEORGHE ASACHI IASI ADRESA BD DIMITRIE MANGERON, NR 67, IASI, 700050, ROMANIA, ISSN 2066-3919, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000274641800166">https://0a10qs66q-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/full-record/WOS:000274641800166</a></p>	<p><b>S<sub>ri</sub> = 0 p</b></p> <p><b>FIR 2023</b></p> <p>Dovada</p>
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			<p><b>B.</b> Vlase, S; Teodorescu-Draghicescu, H; PROCEEDINGS OF THE 4TH IASME/WSEAS INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Page 162-167, <b>Book Series</b> Mathematics and Computers in Science and Engineering, <b>Book Subtitle</b> RECENT ADVANCES IN CONTINUUM MECHANICS, <b>Published</b> 2009, WORLD SCIENTIFIC AND ENGINEERING ACAD AND SOCAG LOANNOU THEOLOGOU 17-23, 15773 ZOGRAPHOU, ATHENS, GREECE, <b>ISSN</b> 1792-4308, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100025">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100025</a></p> <p style="text-align: right;"><b>Dovada</b></p>	<p><b>S<sub>FI</sub> = 0</b></p> <p><b>FIR 2023</b></p>
			<b>C1=8</b>	<b>C=8.12 p</b>





	<p>11. H. Teodorescu, S. Vlase, D. Cotoros, V. <b>Munteanu</b>, V. Guiman, Modelling of Tensile Behaviour of Sheet Moulding Compounds revista:Proceedings of the World Congress on Engineering 2007 Vol II WCE 2007, July 2 - 4, 2007, London, U.K issn:978-988-98671-2-6 AnAparitie:2007 nrAutori:5 BDI: WOS:000250382600258, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000250382600258">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000250382600258</a> <u>Dovada</u></p>	<p>1. Scutaru, LM; Katouzian, M; Vlase, S; Teodorescu-Draghicescu, H; Chiru, A, An Estimation of the Viscoelastic Parameters of Laminated Composites, PROCEEDINGS OF THE 4TH IASME/WSEAS INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Page 140-+, Book Series Mathematics and Computers in Science and Engineering, Book Subtitle RECENT ADVANCES IN CONTINUUM MECHANICS, 2009, WORLD SCIENTIFIC AND ENGINEERING ACAD AND SOCAG LOANNOU THEOLOGOU 17-23, 15773 ZOGRAPHOU, ATHENS, GREECE, ISSN 1792-4308, <a href="https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100021">https://0a10qs66q-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000266665100021</a> <u>Dovada</u></p>	<p><b>S<sub>R</sub> = 0</b>  <b>FIR 2023</b></p>
			<b>C1=1</b>
			<b>C=1.0 p</b>
			<b>47.335 p</b>
			<b>CRITERIUL RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII - RIA (A3): ÎNDEPLINIT</b>

[1] Publicația este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective.

[2] Se exclud publicațiile conferințelor DAAAM și WSEAS.

- [3] FI este factorul de impact al revistei la data înscrierii la concurs sau la data publicării articolului (cel mai avantajos pentru candidat). Se iau în considerare la această categorie numai revistele cu factor de impact la data publicării articolului. O revistă WOS este echivalentă cu o revistă cotate ISI cf. Ordinului de Ministru (MECTS) Nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea 1, Nr. 448/27.VI.2011.
- [4] Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) și SCOPUS.
- [5] Un brevet se poate încadra la o singură categorie.
- [6] Suma din grant/proiect încasată de instituție repartizată echipei din care directorul de grant/responsabil partener face parte (S1 include cheltuieli de: personal, logistică, deplasări, indirecte).
- [7] Suma din grant/proiecte câștigate prin concurs național/internațional și proiecte/contracte terți încasată de instituție și repartizată de director/responsabil persoanei respective (S2 include cheltuieli de: personal, logistică, deplasări, indirecte).
- [8] Pentru contractele derulate înainte de 01.01.1999 se va considera echivalarea: 1 EURO = 1 \$ USA

Tabel îndeplinire condiții

Condiții minime și obligatorii				
Domeniul de activitate		Indicatori	Conferentiar	Realizat
Activitatea didactică/ profesională (A1)	A1.1	N1	2	2
		N1.1	0	1
		N1.3	1	2
	A1.2	N2	3	15
		N2.1	1	3
Activitatea de cercetare (A2)	A2.1 + A2.3	P1 + P2	5	7.92 p
		P1	3	7.92 p

	A2.2	N3	8	17
		N3.1	3	4
	A2.4 + A2.5	N4	1	3
		N4.3	0	1
Recunoaşterea Impactului activităţii (A3)	A3.1	S1 + S2	10	108.34
	A3.2	N5	5	65
	A3.3	C	10	47.335

unde:

$$P1 = P1.1 + P1.2 + P1.3 + P1.4;$$

$$P2 = P2.1 + P2.2;$$

$$N1 = N1.1 + N1.2;$$

$$N2 = N2.1 + N2.2 + N2.3;$$

$$N3 = N3.1 + N3.2;$$

$$N4 = N4.1 + N4.2 + N4.3 + N4.4.$$