



		<p>2. Zaharia, S.M., Martinescu, I., <i>Fiabilitatea și securitatea sistemelor industriale</i>, Editura Printech, București, 2018, ISBN 978-606-23-0918-3, 276 pagini.</p> <p>3. Morariu, C.O., Zaharia, S.M., <i>Fiabilitatea și testarea rulmenților</i>, Editura Printech, București, 2018, ISBN 978-606-23-0917-6, 277 pagini.</p> <p><u>Dovadă</u></p>	13,8 p
1.1.2 Cărți ca editor	1.1.2.1 Internaționale		
		nr.pag./10-nr.edit.)	0 p
		1.1.2.2 Naționale	
		nr.pag./20-nr.edit.)	0 p
1.2 Alte materiale didactice – inclusiv în format electronic (pentru format electronic - echivalent format A4 text fără figuri cu minimum 3200 caractere inclusiv spații)			
1.2.1 Suporturi de curs/Îndrumare	nr.pag./20-nr.autori)	<p>1. Zaharia, S.M., Morariu C.O., <i>Elemente de calculul probabilităților aplicate în analiza riscurilor industriale, Teorie și aplicații</i>. Editura Risoprint, Cluj – Napoca, 2017, ISBN 978-973-53-2117-8, 139 pagini.</p> <p><u>Dovada</u></p>	3,47 p
• Conferențiar: Minimum 2 din care 1 prim autor.		<p>2. Zaharia, S.M., Morariu, C.O., <i>Fiabilitatea - Îndrumar de laborator</i>, Editura Risoprint, Cluj-Napoca, 2017, ISBN 978-973-53-2134-5, 100 pagini.</p> <p><u>Dovada</u></p>	2,50 p
		<p>3. Zaharia, S.M., <i>Analiza fiabilității și securității sistemelor – Îndrumar de laborator</i>, Editura Risoprint, Cluj – Napoca, 2018, ISBN 978-973-53-2291-5, 180 pagini.</p> <p><u>Dovada</u></p>	9,00 p
		<p>4. Zaharia, S.M., <i>Construcția, proiectarea și calculul structurilor aeronautice - Aplicații</i></p> <p><u>Dovada</u></p>	5,60 p



		MEF, Editura Printech, Bucureşti, 2020, ISBN 978-606-23-1076-9, 112 pagini. <u>Dovada</u>	
<b>1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă</b>			
Director/ Responsabil	15		0 p
<b>1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite)</b>			
Titular	10	<p>1. <i>Reglementari aeronautice. Legislaţie</i>, programul de studii de licenţă Construcţii Aeronautice, Departamentul Ingineria fabricaţiei, Facultatea de Inginerie Tehnologică şi Management Industrial, Universitatea Transilvania din Braşov, 2012. <u>Dovada</u></p> <p>2. <i>Exploatarea si întreţinerea elicopterelor</i>, programul de studii de licenţă Construcţii Aeronautice, Departamentul Ingineria fabricaţiei, Facultatea de Inginerie Tehnologică şi Management Industrial, Universitatea Transilvania din Braşov, 2012. <u>Dovada</u></p> <p>3. <i>Tehnici de reparaţii ale elicopterelor</i>, programul de studii de licenţă Construcţii Aeronautice, Departamentul Ingineria fabricaţiei, Facultatea de Inginerie Tehnologică şi Management Industrial, Universitatea Transilvania din Braşov, 2012. <u>Dovada</u></p> <p>4. <i>Managementul si resursele în proiectele de cercetare</i>, programul de studii de masterat Ingineria Fabricaţiei Inovative, Departamentul Ingineria fabricaţiei, Facultatea de Inginerie Tehnologică şi Management Industrial, Universitatea Transilvania din Braşov, 2017. <u>Dovada</u></p> <p>5. <i>Metoda elementelor finite</i>, programele de studii de licenţă Tehnologia Construcţiilor</p>	<p>10,00 p</p> <p>10,00 p</p> <p>10,00 p</p> <p>10,00 p</p> <p>10,00 p</p>

		de Maşini şi Ingineria şi Managementul Calităţii, Departamentul Ingineria fabricaţiei, Facultatea de Inginerie Tehnologică şi Management Industrial, Universitatea Transilvania din Braşov, 2019.	<u>Dovada</u>	
<b>1.5 Proiecte educaţionale (ERASMUS, Leonardo etc.)</b>				
Director/ Responsabil	10.(ani desfăşurare)			0 p
Total punctaj pentru activitatea didactică şi profesională (A1):				173,82 p



## A2. ACTIVITATEA DE CERCETARE

Categorii și restricții	Indicatori unitari ( $k_{pi}$ )	Denumire	Punctaj
2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date			
De la ultima promovare: Minimum 5 articole, din care minimum 1 în reviste, minimum 2 ca autor principal, pentru Conferențiar	Pentru reviste: (30+ 10 · factor de impact)/ (nr. de autori)	<p>1. Buican, G.R., Zaharia, S.M., Pop, M.A., Chicoș, L.A., Lancea, C., Stamate, V.M., Pascariu, I.S., (2021), Fabrication and Characterization of Fiber-Reinforced Composite Sandwich Structures Obtained by Fused Filament Fabrication Process, vol. 11, 601, ISSN: 2079-6412, FI 2,881 (zona galbenă), WOS: 000653745700001,  <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000653745700001">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000653745700001</a></p> <p>2. Lancea, C., Campbell, I., Chicoș, L.A., Zaharia, S.M., (2020). Compressive Behaviour of Lattice Structures Manufactured by Polyjet Technologies, vol. 12, 1740, ISSN: 2073-4360, FI 4,329 (zona roșie), WOS: 000602474600001  <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000602474600001">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000602474600001</a></p> <p>3. Zaharia, S.M., Enescu, L.A., Pop, M.A., (2020). Mechanical Performances of Lightweight Sandwich Structures Produced by Material Extrusion-Based Additive Manufacturing, Polymers, vol. 12, 1740, ISSN: 2073-4360, FI 4,329 (zona roșie), WOS:000564679500001,</p>	<p>8,40 p</p> <p>18,32 p</p> <p>24,43 p</p>

		<p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=1</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>4. Zaharia, S.M., Chicos, L.A., Lancea, C., Pop, M.A., (2020). Effects of Homogenization Heat Treatment on Mechanical Properties of Inconel 718 Sandwich Structures Manufactured by Selective Laser Melting, Metals, vol. 10, 645, ISSN: 2075-4701, FI 2,351 (zona galbenă), WOS:000540220000093</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=5">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=5</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>5. Zaharia, S.M., Pop, M.A., Udriou, R., (2020). Reliability and Lifetime Assessment of Glider Wing's Composite Spar through Accelerated Fatigue Life Testing, Materials, vol. 13, 2310, ISSN: 1996-1944, FI 3,623 (zona roşie), WOS:000539277000102, <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=3">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=3</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>6. Pop, M.A., Croitoru, C., Bedo, T., Geaman, V., Radomir, Zaharia, S.M., Chicos, L.A., (2020). Influence of Internal Innovative Architecture on the Mechanical Properties of 3D Polymer Printed Parts, Polymers, vol. 12, nr. 5, 1129, ISSN: 2073-4360, FI 4,329 (zona roşie), WOS:000541431100134</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=4">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=4</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>7. Pascariu, I.S., Zaharia, S.M., (2020). Design and Testing of an Unmanned Aerial Vehicle Manufactured by Fused Deposition Modeling, Journal of Aerospace</p>	<p>13,37 p</p> <p>22,07 p</p> <p>10,47 p</p> <p>24,52 p</p>
--	--	--	---



		<p>Engineering, vol. 33, nr.4, 06020002, ISSN: 0893-1321, FI 1,904 (zona galbenă), WOS:000536130300006  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=2</a></p> <p><u>Dovada</u></p> <p>8. Zaharia, S.M., (2019). The methodology of fatigue lifetime prediction and validation based on accelerated reliability testing of the rotor pitch links, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 21, nr. 4, pag. 638–644, ISSN: 1507-2711, FI 1,525, WOS:000486626700012,  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=8">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=8</a></p> <p><u>Dovada</u></p> <p>9. Chicoş, L.A., Campbell, I., Zaharia, S.M., Pop, M.A., Lancea, C; Semenescu, A., Florea, B., Chivu, O.R., (2019). Experimental and Finite Element Analysis of the Open-Cells Porous Materials Subjected to Compression Mechanical Loading. Materiale Plastice, vol. 56, nr. 2, pag. 421-425, ISSN: 0025-5289, FI 1,517, WOS:000476641000026  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=6">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=6</a></p> <p><u>Dovada</u></p> <p>10. Pop, M.A., Croitoru, C., Bedo, T., Geaman, V., Radomir, I., Cosnita, M., Zaharia, S.M., Chicos, L.A., Milosan, I., (2019). Structural changes during 3D printing of biodevised and synthetic thermoplastic materials, Journal of Applied Polymer Science, vol. 136, nr. 17, ISSN: 0021-8995, FI 2,52 (zona galbenă), WOS:000456861100001  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=7</a></p>	<p>45,25 p</p> <p>5,64 p</p> <p>6,13 p</p>
--	--	---	--



		<p><u>Dovada</u></p> <p>11. Lancea, C., Chicoş, L.A., Zaharia, S.M., Pop, M.A., Semenescu, A., Florea, B., Chivu, O.R., (2018). Accelerated Corrosion Analysis of AISi10Mg Alloy Manufactured by Selective Laser Melting (SLM), Revista de Chimie, vol. 69, nr. 4, pag. 975-981, ISSN: 0034-7752, FI 1,605, WOS:000433223000046  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=1&amp;doc=10">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=1&amp;doc=10</a></p>	6,57 p
		<p><u>Dovada</u></p> <p>12. Zaharia, S.M., Morariu, C.O., Pop, M.A. (2018). A comparative study about static and fatigue behaviour on sandwich structures with different types of glass fiber reinforced polymer skins and nomex honeycomb core. Revista Romana de Materiale-Romanian Journal of Materials, vol. 48, nr.1, pag. 91–100, ISSN: 1583-3186, FI 0,628, WOS:000429213900014  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=2&amp;doc=11">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=2&amp;doc=11</a></p>	12,09 p
		<p><u>Dovada</u></p> <p>13. Chicoş, L.A., Zaharia, S.M., Lancea, C., Pop, M.A., Canadas, I., Rodriguez, J., Galindo, J., (2018). Concentrated solar energy used for heat treatment of Ti6Al4V alloy manufactured by selective laser melting, Solar Energy, vol.173, pag. 76-88, ISSN: 0038-092X, FI 4,674 (zona roşie), WOS:000452940800007  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=1&amp;doc=9">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcclteJDP5cs&amp;page=1&amp;doc=9</a></p>	10,96 p
		<p><u>Dovada</u></p> <p>14. Zaharia, S.M., Lancea, C., Chicoş, L.A., Pop, M.A., Caputo, G., Serra, E., (2017) Mechanical properties and corrosion behaviour of 316L stainless steel honeycomb</p>	6,32 p

		<p>cellular cores manufactured by selective laser melting. Transactions of FAMENA, vol. 41, nr. 4, pag. 11–24, ISSN: 1333-1124, FI 0,797, WOS:000431808800002  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=15">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=15</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>15. Zaharia, S.M., Pop, M.A., Semenescu, A., Florea, B., Chivu, O.R., (2017). Mechanical Properties and Fatigue Performances on Sandwich Structures with CFRP Skin and Nomex Honeycomb Core, Materiale Plaste, vol. 54, nr. 1, pag. 67-72, ISSN: 0025-5289, FI 1,248, WOS:000400629900016  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=14">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=14</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>16. Zaharia, S.M., Morariu, C.O., Nedelcu, A., Pop, M.A., (2017). Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading, BioResources, vol. 12, nr. 2, pag. 2673 – 2689, ISSN: 1930-2126, FI 1,202 (zona galbenă), WOS:000402883700032  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=16">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=16</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>17. Zaharia, S.M., Pop, M.A., Chicoş, L.A., Lancea, C, Semenescu, A., Florea, B., Chivu, O.R., (2017). An Investigation on the Reliability and Degradation of Polycrystalline Silicon Solar Cells Under Accelerated Corrosion Test. Materiale Plaste, vol. 54, nr. 3, pag. 466-472, ISSN: 0025-5289, FI 1,248, WOS:000426412300012  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=13">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=13</a></p>	<p>8,49 p</p> <p>10,50 p</p> <p>6,06 p</p>
--	--	---	--



		<p><u>Dovada</u></p> <p>18. Pop, M.A., Geamăn, V., Radomir, I., Bedo, T., Milosan, I., Zaharia, S.M., Florea, B., Semencescu, A., Chivu, O.R., (2017). The Degradation Effects to Hand Made Composite Materials by Using Acids, Materiale Plastice, vol. 54, nr. 3, pag. 433-437, ISSN: 0025-5289, FI 1,248, WOS:000426412300006  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=12">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=12</a></p> <p><u>Dovada</u></p> <p>19. Zaharia, S.M., Martinescu, I., (2016). Management of accelerated reliability testing, Tehnicki Vjesnik - Technical Gazette, vol. 23, nr. 5, pag. 1447-1455, ISSN: 1330-3651, FI 0,723, WOS:000385369100028  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=19</a></p> <p><u>Dovada</u></p> <p>20. Morariu C.O., Zaharia S.M., (2013). A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, vol. 10, nr. 7, pag. 171-186, ISSN: 1785-8860, FI 0,471, WOS:000329890400012,  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=20">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=20</a></p> <p><u>Dovada</u></p> <p>21. Zaharia S.M., Martinescu I., Morariu C.O., (2012). Life time prediction using accelerated test data of the specimens from mechanical element, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 14, nr. 2, pag. 99-10, ISSN: 1507:2711, FI 0,293, WOS:000301283200002  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=21">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=2&amp;doc=21</a></p>	<p>4,72 p</p> <p>18,61 p</p> <p>17,35 p</p> <p>10,97 p</p>
--	--	--	--



<p>Pentru volume conferințe: 25/(nr. de autori)</p>	<p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=21">neralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=21</a></p> <p><u>Dovada</u></p> <ol style="list-style-type: none"> <li>1. Lancea, C., Chicos, L.A., Zaharia, S.M., Pop, M.A., (2016). Microstructure and micro hardness analyses of titanium alloy Ti-6Al-4V parts manufactured by Selective Laser Melting, MATEC Web of Conferences Journal, ISSN: 2261-236X, WOS:000393034000039 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=17">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=17</a></li> <li>2. Morariu, C.O., Zaharia, S.M., (2016). Statistical inferences for bearings life using sudden death test, MATEC Web of Conferences Journal, ISSN: 2261-236X, WOS:000393034000053 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=18">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=2&amp;doc=18</a></li> <li>3. Zaharia, S.M., Martinescu, I., Morariu, C.O., (2012). Statistical processing of accelerated life data with two stresses using Monte Carlo simulation method, 8-th International DAAAM Baltic Conference "Industrial Engineering, Tallinn, Estonia, ISBN:978-9949-23-265-9, WOS:000392535600016 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=22">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=22</a></li> <li>4. Zaharia, S.M., Martinescu, I., (2011). Research on accuracy of different methods regarding estimating reliability indicators, Proceedings of the 15th International</li> </ol> <p><u>Dovada</u></p>	<p>6,25 p</p> <p>12,50 p</p> <p>8,33 p</p> <p>12,50 p</p>

		<p>Conference Modern Technologies, Quality and Innovation, Chişinău, ModTech 2011, pag. 1189-1192, ISSN: 2069-6736, WOS:000392260500298  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=3&amp;doc=23">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=3&amp;doc=23</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>5. Zaharia, S.M., Martinescu, I., (2011). Using accelerated tests in estimating the reliability indicators of machine tools, Proceedings of the 15th International Conference Modern Technologies, Quality and Innovation, Chişinău, ModTech 2011, pag. 1193-1196, ISSN: 2069-6736, WOS:000392260500299  <a href="https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=D6VDJD9doZo2XiQDV5G&amp;page=3&amp;doc=24">https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=D6VDJD9doZo2XiQDV5G&amp;page=3&amp;doc=24</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>6. Zaharia, S.M., Martinescu, I., Morariu, C.O., (2011). Optimization the reliability testing using product lifecycle and cost management, International Conference on Manufacturing Science and Education - MSE 2011, Sibiu-Romania, vol.1, pag. 373-376, ISSN: 1843-2522, WOS:000393733400092  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=1</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>7. Zaharia, S.M., Martinescu, I., Morariu, C.O., (2011). Analyzing Accelerated Life Testing With Censored Data, International Conference on Manufacturing Science and Education - MSE 2011- Sibiu-Romania, vol. 1, pag. 377-380, WOS:000393733400093  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcoltelD3P5cs&amp;page=1&amp;doc=1</a></p>	<p>12,50 p</p> <p>8,33 p</p> <p>8,33 p</p>
--	--	--	--



		<p><u>neralSearch&amp;qid=101&amp;SID=E4WSU2DcolteID3P5cs&amp;page=1&amp;doc=2</u></p> <p><u>Dovada</u></p> <p>8. Zaharia, S.M., Martinescu, I., (2008). Optimizing the life cycle of aerospace products using accelerated life testing, Annals of DAAAM for 2008 - The 2nd European DAAAM International Young Researchers' and Scientists', Trnava, 22-25 Octombrie, Slovakia, pag. 1539-1540, ISSN 1726-9679, WOS:000262860100769  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=25">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteID3P5cs&amp;page=3&amp;doc=25</a></p>	12,5 p
<b>2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale</b>			
De la ultima promovare:  Minimum 5 pentru conferențiar	15/nr. de autori	<p>1. Zaharia, S.M., (2016). Reliability based inspection techniques of turbojet engine compressor blades, Mechanical Testing and Diagnosis Scientific Journal, vol. 2, pag. 15-24, indexat în baza de date: EBSCO.  <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jnl=22479635&amp;AN=120781075&amp;h= 3pluDdN7ZTD0C1n8OX%2fDCloYhgyvheFWjNMP%2fMR73SWTHcR3K%2b7OltcGo68tSO1FgEFielqMQOXz2139PiYQ%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrIAuth&amp;crIhashurl=logIn.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jnl%3d22479635%26AN%3d120781075">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jnl=22479635&amp;AN=120781075&amp;h= 3pluDdN7ZTD0C1n8OX%2fDCloYhgyvheFWjNMP%2fMR73SWTHcR3K%2b7OltcGo68tSO1FgEFielqMQOXz2139PiYQ%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrIAuth&amp;crIhashurl=logIn.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jnl%3d22479635%26AN%3d120781075</a></p> <p><u>Dovada</u></p> <p>2. Zaharia, S.M., Ștefăneanu, R.I., (2016). CFD simulation and FEA analysis of a ballistic missile, Journal of Industrial Design and Engineering Graphics, vol. 11, nr. 2, pag. 41-45, indexat în baza de date: EBSCO, ProQuest.  <a href="https://search.proquest.com/docview/1860091629?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1860091629?pq-origsite=gscholar&amp;fromopenview=true</a></p>	15,00 p
			7,50 p

*[Signature]*



	<p>3. Zaharia, S.M., Stăfăneanu, R.I., (2016). Design and manufacturing process for a ballistic missile, Scientific Bulletin of the Nicolae Balcescu Land Forces Academy, nr. 2, pag. 140-146, indexat în baza de date: EBSCO, ProQuest. <a href="https://search.proquest.com/docview/1905663679?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1905663679?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p><u>Dovada</u></p>	7,50 p
	<p>4. Zaharia, S.M., (2016). Reliability Testing and Failure Analysis for Spar Structure of Helicopter Rotor Blades, Review of the Air Force Academy Vol XIV, nr. 2, pag. 39 – 46, DOI: 10.19062/1842-9238.2016.14.2.5, indexat în baza de date: ProQuest. <a href="https://search.proquest.com/docview/1920622110?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1920622110?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p><u>Dovada</u></p>	15,00 p
	<p>5. Zaharia, S.M., (2016). The analysis and development of a maintenance programme for the fuel system, Research and Science Today Journal, nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest. <a href="https://search.proquest.com/docview/1852721899?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1852721899?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p><u>Dovada</u></p>	15,00 p
	<p>6. Zaharia, S.M., (2015). The modal analysis of a carbon fiber helicopter blade, Journal of Industrial Design and Engineering Graphics, vol. 10, nr. 2, pag. 23-26, indexat în baza de date: EBSCO, ProQuest. <a href="https://search.proquest.com/docview/1752118056?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1752118056?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p><u>Dovada</u></p>	15,00 p
	<u>Dovada</u>	

		<p>7. Zaharia, S.M., (2015). Simulation and aerodynamic analysis of the flow around the sailplane using CFD techniques, Scientific Bulletin of the "Petru Maior" University of Tîrgu Mureş, vol. 12, nr. 2, pag. 26-30, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18419267&amp;AN=111948019&amp;h=9iHvdJxDeIGeIZImbWFH8vKTF5JGtyIjYx275smH8kBxcvMOGgVz5dvlEkkrBFU3xinFvHINjiaGFiss9Z7S%2bw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18419267%26AN%3d111948019">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18419267&amp;AN=111948019&amp;h=9iHvdJxDeIGeIZImbWFH8vKTF5JGtyIjYx275smH8kBxcvMOGgVz5dvlEkkrBFU3xinFvHINjiaGFiss9Z7S%2bw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18419267%26AN%3d111948019</a></p>	15,00 p
		<p>8. Zaharia, S.M., Morariu, C.O., (2015). Simulation and Analysis of the Milling Machines Reliability Using the Monte Carlo Method, Research and Science Today nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=22474455&amp;AN=111532699&amp;h=CaG08ZzmaTVZ22Mizk8HpZEES%2fdmrkIjA0sp4tW9GmSIN%2fg1dUCFgzF%2fM5BAIH90pno4G49Ob1TR%2fWwA5WHCEQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22474455%26AN%3d111532699">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=22474455&amp;AN=111532699&amp;h=CaG08ZzmaTVZ22Mizk8HpZEES%2fdmrkIjA0sp4tW9GmSIN%2fg1dUCFgzF%2fM5BAIH90pno4G49Ob1TR%2fWwA5WHCEQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22474455%26AN%3d111532699</a></p>	7,50 p
		<p>9. Morariu, C.O., Zaharia, S.M., (2015). Preliminary reliability of bearings, Mechanical Testing and Diagnosis Scientific Journal, vol. 5, nr.3, pag. 5-12, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://search.proquest.com/docview/1774774115?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1774774115?pq-origsite=gscholar&amp;fromopenview=true</a></p>	7,50 p



		<p><u>Dovada</u></p> <p>10. Zaharia, S.M., Morariu, C.O., (2015). Reliability analysis for gears using accelerated testing through Monte Carlo simulation, Mechanical Testing and Diagnosis, vol. 5, nr.2, pag. 19-28, indexat în baza de date: ProQuest.  <a href="https://search.proquest.com/docview/1774773753?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1774773753?pq-origsite=gscholar&amp;fromopenview=true</a></p>	7,50 p
		<p><u>Dovada</u></p> <p>11. Zaharia, S.M., (2015). Reliability and statistical analysis of the fatigue life of the tapered roller bearings, Scientific Research &amp; Education in the Air Force – AFASES, vol. 2, pag. 535-540, indexat în baza de date: EBSCO.  <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;irnl=22473173&amp;AN=103260799&amp;h=ij5eksARf%2fGETxVPcQC1xPn dmmJlGaqT%2f1O%2bGpsq%2b4uy9codWgolbETrm3oQeS06GI8hV5sjhMu2v3QuP W1CRQ%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;urlh ashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26auth ty pe%3dcrawler%26irnl%3d22473173%26AN%3d103260799">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;irnl=22473173&amp;AN=103260799&amp;h=ij5eksARf%2fGETxVPcQC1xPn dmmJlGaqT%2f1O%2bGpsq%2b4uy9codWgolbETrm3oQeS06GI8hV5sjhMu2v3QuP W1CRQ%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;urlh ashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26auth ty pe%3dcrawler%26irnl%3d22473173%26AN%3d103260799</a></p>	15,00 p
		<p><u>Dovada</u></p> <p>12. Zaharia, S.M., (2015). Fatigue life simulation of the specimens made of mechanical component, Scientific Research &amp; Education in the Air Force – AFASES 2016, vol. 2, pag. 531-534, indexat în baza de date: EBSCO.  <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;irnl=22473173&amp;AN=103260798&amp;h=dZ9CPpOWBAP4FB8q%2bD5e VWgFL6iITL%2fs8sD2mCmytePdNyzeST4JBxhYVJcOmWHNinQsz8s2btIqGBHYC17 Rvw%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crhashu rl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26auth type%3">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;irnl=22473173&amp;AN=103260798&amp;h=dZ9CPpOWBAP4FB8q%2bD5e VWgFL6iITL%2fs8sD2mCmytePdNyzeST4JBxhYVJcOmWHNinQsz8s2btIqGBHYC17 Rvw%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crhashu rl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26auth type%3</a></p>	15,00 p



	<p><u>drcrawler%26jrn%3d22473173%26AN%3d103260798</u></p> <p><u>Dovada</u></p> <p>13. Şoimaru, C., Buzea, D., Zaharia, S.M., (2015). Conducting data analysis for electrohydraulic valves, Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, vol. 5, nr. 2, pag. 17-24, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://search.proquest.com/docview/1490874196?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1490874196?pq-origsite=gscholar&amp;fromopenview=true</a></p>	5,00 p
	<p><u>Dovada</u></p> <p>14. Zaharia, S.M., Martinescu, I., (2010). Statistical analysis of data resulting from accelerated life tests simulation, In Annals of DAAAM for 2010 &amp; Proceeding of the 21th International DAAAM Symposium "Intelligent Manufacturing &amp; Automation: Focus on Interdisciplinary Solution", 20-23 Octombrie, 2010, Zadar, Croatia, pag. 31-32, indexat în baza de date: EBSCO, Scopus.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrn%3d17269679&amp;AN=55674474&amp;h=GHJd%2b%2fqlfqwgbJxTZ04v2M9NEISBKVWAMqQXHPoxcfMY2%2FDVL309PKZqmyMNHnouoYZZOCfW5uibccimrHBw%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dscope%3dsite%26authType%3dcrawler%26jrn%3d17269679%26AN%3d55674474">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrn%3d17269679&amp;AN=55674474&amp;h=GHJd%2b%2fqlfqwgbJxTZ04v2M9NEISBKVWAMqQXHPoxcfMY2%2FDVL309PKZqmyMNHnouoYZZOCfW5uibccimrHBw%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dscope%3dsite%26authType%3dcrawler%26jrn%3d17269679%26AN%3d55674474</a></p> <p><u>Dovada</u></p> <p>15. Zaharia, S.M., (2014). Validation of Accelerated Reliability Test Techniques of Industrial Components Using Finite Element Analysis, Applied Mechanics and Materials, vol. 555, pag. 549-554, indexat în baza de date: EBSCO, ProQuest, Scopus.</p>	7,50 p
		15,00 p

		<p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904325470&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopubyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904325470&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopubyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>16. Zaharia, S.M., Lancea, C., Chicos, L.A., Caputo, G., (2014). Behaviour and Mean Life Prediction of Solar Mirrors from Parabolic Trough Collectors Under Accelerated Degradation/Reliability Testing, Applied Mechanics and Materials, Applied Mechanics and Materials, vol. 656, pag. 442-449, indexat în baza de date: EBSCO, ProQuest, Scopus.</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopubyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=1&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopubyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=1&amp;citeCnt=1&amp;searchTerm=</a></p> <p style="text-align: center;"><u>Dovada</u></p> <p>17. Zaharia, S.M., Morariu, C.O., (2014). Optimum design of experiments for accelerated reliability testing, Revista Fiabilitate și Durabilitate/Fiaility and Durability, Supplement nr. 1, pag. 257-263, indexat în baza de date: EBSCO.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jnl=1844640X&amp;AN=97069972&amp;h=tvDO7JsGinZga%2ftz%2fPG9KUH2WchQohSI6%2bOBt%2bOdqKF1Ckq1Bm%2bIlpKzlj1dNf8iZ1sdw9giabrOqzfy0u8big%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrIAuth&amp;crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3d">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jnl=1844640X&amp;AN=97069972&amp;h=tvDO7JsGinZga%2ftz%2fPG9KUH2WchQohSI6%2bOBt%2bOdqKF1Ckq1Bm%2bIlpKzlj1dNf8iZ1sdw9giabrOqzfy0u8big%3d%3d&amp;url=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrIAuth&amp;crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3d</a></p>	<p>3,75 p</p> <p>7,50 p</p>
--	--	---	-----------------------------



		<p><a href="#">crawler%26jrn%3d1844640X%26AN%3d97069972</a></p> <p><u>Dovada</u></p> <p>18. Zaharia, S.M., Morariu, C.O., (2013). Reliability and lifetime estimation of ball bearings under accelerated reliability and durability testing, Revista Metalurgia International, nr. 5, 2013, pag. 90-96, indexat în baza de date: EBSCO, ProQuest. <a href="#">http://connection.ebscohost.com/c/articles/86444097/reliability-lifetime-estimation-ball-bearings-under-accelerated-reliability-durability-testing</a></p> <p><u>Dovada</u></p> <p>19. Zaharia, S.M., (2013). Using finite element method for simulation of accelerated experiments on industrial products, Revista Metalurgia International, Special Issue nr. 8, pag. 312-315, indexat în baza de date: ProQuest. <a href="#">https://search.proquest.com/docview/1394526383?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p><u>Dovada</u></p> <p>20. Zaharia, S.M., Martinescu, I., (2013). Lifetime estimation from accelerated reliability testing using finite elements analysis, Revista Fiabilitate și Durabilitate/Fiability and Durability, nr.1, pag. 146-152, indexat în baza de date: EBSCO. <a href="#">https://web.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrn%3d1844640X&amp;AN=90473586&amp;h=7Amu965RI0bV0sl%2foQCne5u6of4EB%2fogeiCBEKfK96t3lq5mprLIot%2fIHIRT%2bNML2n4Z9mFpkX80ZVWEnw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrn%3d1844640X%26AN%3d90473586</a></p> <p><u>Dovada</u></p>	<p>7,50 p</p> <p>15,00 p</p> <p>7,50 p</p>
--	--	---	--

		<p>21. Zaharia, S.M., Martinescu, I., (2013). Improving product reliability under accelerated life testing using Monte Carlo simulation, Scientific Bulletin of the „Petru Maior” University of Tîrgu Mureș, vol. 10, nr. 2, pag. 45-48, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=18419267&amp;AN=95059044&amp;h=y9G9A%2b4LBin%2bCxGZ%2b5UYutfC4EobZg4LA9DDmubbhUlyac58GhUfZiLZzxG4h9oxEBMXXcBxbDD0qMlt2k4QNTA%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d18419267%26AN%3d95059044">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=18419267&amp;AN=95059044&amp;h=y9G9A%2b4LBin%2bCxGZ%2b5UYutfC4EobZg4LA9DDmubbhUlyac58GhUfZiLZzxG4h9oxEBMXXcBxbDD0qMlt2k4QNTA%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d18419267%26AN%3d95059044</a></p>	7,50 p
		<p>22. Morariu, C.O., Zaharia, S.M., (2012). Calculation method of the testing period of products using the lognormal distribution, Academic Journal of Manufacturing Engineering, vol. 10, nr. 2, pag. 84-89, indexat în baza de date: EBSCO.</p> <p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuUDILYnkWGGHIBVs8YGW5o2%2fOYCzCCBMIEIYAzz7DDONT9qUEIBf9MIPrFgxhf13co1mYe761eTMdipC%2f3Qg%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuUDILYnkWGGHIBVs8YGW5o2%2fOYCzCCBMIEIYAzz7DDONT9qUEIBf9MIPrFgxhf13co1mYe761eTMdipC%2f3Qg%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168</a></p>	7,50 p
		<p>23. Morariu, C.O., Zaharia, S.M., Udriou, R (2012). The study of the bootstrap estimate accuracy in the case of exponential distribution, Academic Journal of Manufacturing Engineering, vol. 10, nr. 2, pag. 90-95, indexat în baza de date: EBSCO.</p> <p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuUDILYnkWGGHIBVs8YGW5o2%2fOYCzCCBMIEIYAzz7DDONT9qUEIBf9MIPrFgxhf13co1mYe761eTMdipC%2f3Qg%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authType=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuUDILYnkWGGHIBVs8YGW5o2%2fOYCzCCBMIEIYAzz7DDONT9qUEIBf9MIPrFgxhf13co1mYe761eTMdipC%2f3Qg%3d%3d&amp;url=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authType%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168</a></p>	5,00 p



		<p><a href="http://www.scopus.com/c/articles/48299606/estimation-reliability-mechanical-system-using-accelerated-life-testing">http://www.scopus.com/c/articles/48299606/estimation-reliability-mechanical-system-using-accelerated-life-testing</a></p> <p>24. Zaharia, S.M., Martinescu, I., (2009). Estimation the reliability of mechanical system using the accelerated life testing, Revista Fiabilitate și Durabilitate/Fiability and Durability, nr.1, pag. 89, indexat în baza de date: EBSCO.</p> <p><u>Dovada</u></p>	7,50 p
		<p>25. Zaharia, S.M., Martinescu, I., (2009). Theoretical and experimental researches using accelerated life testing in aerospace industry, Pollack Periodica, vol. 4, nr. 2, pag. 117-122, indexat în baza de date: SCOPUS.</p> <p><u>Dovadă</u></p>	7,50 p

**2.3 Articole în extenso în reviste/ volumele unor manifestări științifice naționale/ internaționale neindexate**

Se admit max. două articole la aceeași ediție	6/ nr. autori (reviste)		
		<p>1. Zaharia, S.M., (2016). Modal and buckling analysis of the fiberglass sailplane fuselage, Tehnologia Inovativa - Revista Construcția de Mașini, ISSN: 2248 – 0420, nr. 3-4, pag. 5-10.</p> <p>2. Zaharia, S.M., (2016). An investigation on the smoke pollution issued by the turbofan engines, ECOTERRA - Journal of Environmental Research and Protection, ISSN: 1584-7071, vol. 13, No 4, pag. 52-60.</p> <p>3. Zaharia, S.M., (2016). The Reliability analysis of shafts testing under rotating bending stress using the accelerated fatigue testing, Buletinul Universității Petrol – Gaze din Ploiești, Seria Tehnică, ISSN: 2247-8574, vol. LXVIII, No 1, pag. 47-52.</p> <p>4. Zaharia, S.M., (2015). Evaluation and impact of noise pollution caused by turbojet engines on people and the environment, ECOTERRA - Journal of Environmental Research and Protection, ISSN: 1584-7071, vol. 12, nr. 4, pag. 19-25.</p> <p>5. Zaharia, S.M., (2015). Analysis of the aerodynamic performance of a powered sailplane from CS 22 categories, Tehnologia Inovativa - Revista Construcția de Mașini, ISSN: 2248 – 0420 2015, nr. 4, pag. 22-27.</p> <p>6. Zaharia, S.M., Morariu, C.O., (2014). Statistical processing of censored data under accelerated reliability testing for radial ball bearing, Revista Fiabilitate și Durabilitate/Fiability and Durability, ISSN 1844 – 640X, nr.1, pag. 57-63.</p>	<p>6,00 p</p> <p>6,00 p</p> <p>6,00 p</p> <p>6,00 p</p> <p>6,00 p</p> <p>3,00 p</p>

DovadaDovadaDovadaDovadaDovadaDovada



		<p>7. Zaharia, S.M., Martinescu, I., (2013). Statistical methodology for prediction the life of aerospace components using accelerated experiments under impact testing, – Revista „Construcția de mașini” - Tehnologia Inovativă, ISSN: 2248 – 0420, nr. 3-4, pag. 5-11.</p> <p style="text-align: center;"><u>Dovada</u></p> <p>8. Martinescu, I., Zaharia, S.M., (2013). Analiza fiabilității sistemelor tehnice utilizând metoda arborelui de defectare, Buletinul Asociației Române de Mecanica Ruperii, ISSN: 1453-8148, nr. 31, pag. 19-24.</p> <p style="text-align: center;"><u>Dovada</u></p> <p>9. Zaharia, S.M., Martinescu, I., (2013). Estimarea fiabilității și duratei de viață a rulmenților radiali cu bile utilizând metoda încercările accelerate de fiabilitate/durabilitate, Buletinul Asociației Române de Mecanica Ruperii, ISSN: 1453-8148, nr. 31, pag. 25-32.</p> <p style="text-align: center;"><u>Dovada</u></p> <p>10. Zaharia, S.M., Martinescu, I., (2008). Reducing the test time using the accelerated reliability testing, Academic Journal of Manufacturing Engineering – AJME, ISSN:1583-7904, Supliment nr.2, pag. 227-233.</p> <p style="text-align: center;"><u>Dovada</u></p>	3,00 p
	4/nr. autori (volume conferințe)	<p>1. Zaharia, S.M., Martinescu, I., (2013). Reliability and environmental degradation of composite materials using accelerated methods, The 5-th International Conference Computational Mechanics and Virtual Engineering, 24- 25 Octombrie, Braşov, Romania, pag. 285-290, ISBN 978-600-19-225-5.</p> <p style="text-align: center;"><u>Dovada</u></p> <p>2. Morariu, C.O., Zaharia, S.M., (2011). The Calculation of the Testing Period of the Reliability of Products by Using the Model of Exponential Distribution, 12th WSEAS International Conference on NEURAL NETWORKS, 11-13 Aprilie, 2011, Braşov,</p>	2,00 p
			2,00 p

		<p>Romania, pag. 169-173, ISBN 978-960-474-292-9.</p> <p><u>Dovada</u></p> <p>3. Zaharia, S.M., Martinescu, I., (2010). Analysis of modern methods of reliability testing, 3-rd International Conference "Advanced Composite Materials Engineering", 27-29 Octombrie, Braşov, Romania, vol. I, pag. 209-214, ISSN 1844-9336.</p> <p><u>Dovada</u></p> <p>4. Zaharia, S.M., Martinescu, I., (2008). Researches regarding the testing methods in aviation, The 2-nd International Conference „Advanced Composite Materials Engineering” – COMAT 2008, Universitatea Transilvania Braşov, Romania, vol. 1B, pag. 376 – 381, ISSN 1844-9336.</p> <p><u>Dovada</u></p>	2,00 p
<b>2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.</b>			
	<b>2.4.1 Internaționale</b>		
	40/nr. de autori	—	0 p
	<b>2.4.2 Naționale</b>		
	20/nr. de autori	1. Zaharia, S.M., Stamate, V.M., (2020), Stand de testare a rezistenței la oboseala a palelor si metoda de testare, Nr. RO 129022 B1.	10,00 p
		<u>Dovada</u>	
<b>2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, justificată cu documente care să ateste încasarea sumei)</b>			
<b>2.5.1 Director/ Responsabil - Minimum 1D sau 2R pentru Conferențiar</b>	<b>2.5.1.1 Internaționale</b>		
	20 · val/ (10 mii €)	—	0 p
	<b>2.5.1.2 Naționale</b>		
	10 · val/ (10 mii €)	1. Cercetări teoretice si experimentale privind încercările de fiabilitate, Agenția de finanțare: UEFISCDI, Tip proiect: RU – TD (Tineri Doctoranzi), nr. înregistrare	9,88 p



		<p>UEFISCDI 142/1.10.2007, valoarea proiectului: 33142 lei; 9888 euro (curs 3,3513 lei = 1 Euro din 10.01.2007), durata proiectului: 2007 – 2009, pagina web: <a href="https://uefiscdi.gov.ro/userfiles/file/TD2007_DOCUMENTE_COMUNE/PROIECTE%20FINALIZATE%20-%20actualizare%20mai%202011.pdf">https://uefiscdi.gov.ro/userfiles/file/TD2007_DOCUMENTE_COMUNE/PROIECTE%20FINALIZATE%20-%20actualizare%20mai%202011.pdf</a>.</p>	
		<p><u>Dovada</u></p>	
		<p>2. Model experimental de avion fără pilot din materiale compozite fabricate prin tehnologii aditive, Agenția de finanțare: UEFISCDI, Tip proiect: PED (Proiect Experimental Demonstrativ), nr. 413PED din 01/11/2020, cod proiect: PN-III-P2-2.1-PED-2019-0739, Etapele I și II – 2020 -2021 (au fost finanțate și finalizate); valoarea etapelor I - II - 433320 lei - 89081 euro (curs 4,8643 lei = 1 Euro din 02.11.2020), valoarea totală a proiectului: 600000 lei; durata proiectului: 2020–2022, pagina web: <a href="https://uefiscdi.gov.ro/resource-821165-d2_rezerva.pdf?&amp;wtok=&amp;wtkps=XY5dbolMwEITv4ueEerOY08tLT1BVvgkcdbJLBAiGoCbi7rWtSP152tnd+UZjSNEzEBIL3r16kARih6oqT2g6/VXd+otWSzkaV85nVO1qhrnb9jRe9qrRi3vY9zzulqGR9GkKkYIK9xPvMahnM/z/y+/16i15MGfqi3LTdobEgnVCKFKWLWjv3n8QOVf1polnUOjeiPZScA/AlgYK4gM/XxiwFO7K8xVltdehVdbBL54phOheLa31orC/u3q2FmWbFDB2rt28=&amp;wchk=114424f5f09ea0934ab6fc743ef381ffb6fbada8">https://uefiscdi.gov.ro/resource-821165-d2_rezerva.pdf?&amp;wtok=&amp;wtkps=XY5dbolMwEITv4ueEerOY08tLT1BVvgkcdbJLBAiGoCbi7rWtSP152tnd+UZjSNEzEBIL3r16kARih6oqT2g6/VXd+otWSzkaV85nVO1qhrnb9jRe9qrRi3vY9zzulqGR9GkKkYIK9xPvMahnM/z/y+/16i15MGfqi3LTdobEgnVCKFKWLWjv3n8QOVf1polnUOjeiPZScA/AlgYK4gM/XxiwFO7K8xVltdehVdbBL54phOheLa31orC/u3q2FmWbFDB2rt28=&amp;wchk=114424f5f09ea0934ab6fc743ef381ffb6fbada8</a></p>	89,08 p
2.5.2 Membru în echipă	2.5.2.1 Internaționale	<u>Dovada</u>	
	4 · nr. ani participare în proiect	—	0 p
	2.5.2.2 Naționale		
	2 · nr. ani participare	—	

	în proiect		
<b>2.6 Coordonare/dezvoltare laborator/centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o singură dată)</b>			
Responsabil	40	—	
Total punctaj pentru activitatea de cercetare (A2):			780,69 p



## A3. RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII

Categorii și restricții	Indicatori unitari ( $k_{pi}$ )	Denumire	Punctaj
3.1 Vizibilitate în baze de date internaționale			
Număr de citări în publicații (fără autocitări)	3.1.1 Citări în articole indexate ISI 10/nr. autori art.citat	Articol citat	5,00 p
		Articol care citează	
		<p>Morariu C.O., Zaharia S.M., A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, ISSN 1785-8860, Vol 10, No. 7, 2013, pag. 171-186, WOS:000329890400012.</p> <p>1. Horvath, E., Torok, A., Ficzere, P., Zador, I., Racz, P., (2014). Optimisation of Computer-aided Screen Printing Design, Revista Acta Polytechnica Hungarica, vol. 11, nr. 8, WOS:000346148600002.</p> <p><u>Dovada</u></p> <p>2. Pogany, T.K., Tudor, M., Sanjin, V., (2014). Cold duplication and survival equivalence in the case of gamma – Weibull distributed composite systems, Jurnalul Acta Polytechnica Hungarica Vol. 11, No. 10, WOS:000350404600011.</p> <p><u>Dovada</u></p>	5,00 p





		Zaharia S.M., Martinescu I., Morariu C.O., (2012). Life time prediction using accelerated test data of the specimens from mechanical element, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 14, nr. 2, pag. 99-10, WOS:000301283200002.		3,33 p
		7. Ma, Z.H., Wang, S.P., Zhang, C., Tomovic, M.M., Li, T.Y. (2018). Load Sequence Design Method for Hydraulic Piston Pump Based on Time-Related Markov Matrix, IEEE TRANSACTIONS ON RELIABILITY, vol. 67, nr. 3, pag. 1237-1248, WOS:000443970200034.	<u>Dovada</u>	3,33 p
		8. Zhu, S.P., Liu, Q., Peng, W.W., Zhang, X.C., (2018). Computational - experimental approaches for fatigue reliability assessment of turbine bladed disks, International Journal of Mechanical Sciences, vol. 142, pag. 502-517, WOS:000437372600042.	<u>Dovada</u>	
		9. Ma, Z.H., Wang, S.P., Zhang, C., Chi, X.K., (2018) An Accelerated Load Sequence Design Method Based on Merged Markov Matrix, 2018 IEEE INTERNATIONAL CONFERENCE ON PROGNOSTICS AND HEALTH MANAGEMENT (ICPHM), ISBN:978-1-5386-1165-4, WOS:000539546400046.	<u>Dovada</u>	3,33 p




		Properties and Fatigue Performances on Sandwich Structures with CFRP Skin and Nomex Honeycomb Core, Materiale Plastice, vol. 54, nr. 1, pag. 67-72, ISSN: 0025-5289, FI 1,248, WOS:000400629900016	applications of sandwich structures, COMPOSITES PART B-ENGINEERING, vol. 142, pag. 221-240, WOS:000431157500020. <u>Dovada</u>	2,00 p
		14. Stoian, E.V., (2020). Researches Regarding the Compression of the Films Polymers in Composite System, MATERIALE PLASTICE, vol. 57, nr. 1, pag. 112-121, WOS:000528195000014. <u>Dovada</u>		
		Zaharia, S.M., Lancea, C., Chicos, L.A., Pop, M.A., Caputo, G., Serra, E., (2017) Mechanical properties and corrosion behaviour of 316L stainless steel honeycomb cellular cores manufactured by selective laser melting. Transactions of FAMENA, vol. 41, nr. 4, pag. 11-24, ISSN: 1333-1124, FI 0,797, WOS:000431808800002	15. Hussein, R., Anandan, S., Spratt, M., Newkirk, J.W., Chatzdrashekhara, K., Heath, M., Walker, M. (2020). Effective elastic moduli of metal honeycombs manufactured using selective laser melting, Rapid Prototyping Journal, vol. 26, nr. 5, pag. 971-980, WOS:000512413100001. <u>Dovada</u>	1,66 p
		16. Balos, S., Rajnović, D., Sidjanin, L., Cekić, O.E., Moraca, S., Trivković, M., Dedic, M. (2019). Vickers hardness indentation size effect in selective laser melted MS1 maraging steel, Proceedings of the Institution of Mechanical Engineers Part C-Journal of Mechanical Engineering Science, WOS:000499778800001		1,66 p

	</		



			sandwich structures consisting of thermoplastic face sheets and different balsa core thicknesses, COMPOSITES PART B-ENGINEERING, vol. 149, pag. 49-57, WOS:000442979500006.	
		Lancea, C., Chicoș, L.A., Zaharia, S.M., Pop, M.A., (2016). Microstructure and micro hardness analyses of titanium alloy Ti-6Al-4V parts manufactured by Selective Laser Melting, MATEC Web of Conferences Journal, ISSN: 2261-236X, WOS:000393034000039.	21. Harun, W.S.W., Kadirgama, K., Samykano, M., Ramasamy, D., Ahmad, I., Moradi, M. (2019). Mechanical behavior of selective laser melting-produced metallic biomaterials, MECHANICAL BEHAVIOR OF BIOMATERIALS, pag. 101-116, WOS:000555687600006.	2,50 p
			<u>Dovada</u>	
3.1.2 Citări în articole indexate BDI				
5/nr.autori art.citat	Articol citat	Zaharia, S.M., Martinescu, I., (2009). Theoretical and experimental researches using accelerated life testing in aerospace industry, Pollack Periodica, vol. 4, nr. 2, pag. 117-122, indexat în baza de date: SCOPUS.	1. Pasquale, G., (2010). On the mechanics of microsystems, Pollack Periodica, vol. 5, nr. 1, pag. 137-149, indexat în baza de date: SCOPUS.	2,50 p
	Articol care citează		<u>Dovada</u>	

		Morariu C.O., Zaharia S.M., A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, ISSN 1785-8860, Vol 10, No. 7, 2013, pag. 171-186.	2. Pokorádi, L. (2016). Availability assessment with Monte-Carlo simulation of maintenance process model, UPB Scientific Bulletin, Series D: Mechanical Engineering, vol. 78, nr. 3, pag. 43-54, indexat în baza de date: SCOPUS.	2,50 p
			<u>Dovada</u>	
			3. Ding, F., Wang, Q., Zhang, L., Wang, C. (2017). Support vector machine for hydraulic support reliability prediction, Jixie Qiangdu/Journal of Mechanical Strength, vol. 39, nr. 3, pag. 603-607, indexat în baza de date: SCOPUS.	2,50 p
		Zaharia, S.M., Morariu, C.O., Nedelcu, A., Pop, M.A., (2017). Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading, BioResources, vol. 12, nr. 2, pag. 2673 – 2689.	4. Engel, B., Al-Maeeni, S.S.H. (2018). Fe analysis and experimental determination of a shaft deflection under three-point loading, Vibroengineering Procedia, vol. 19, pag. 199-204, indexat în baza de date: SCOPUS.	1,25 p
			<u>Dovada</u>	

ZSM



	<p><b>Zaharia S.M., Martinescu I., Morariu C.O., (2012).</b> Life time prediction using accelerated test data of the specimens from mechanical element, <i>Eksploatacja i Niezawodnosc – Maintenance and Reliability</i>, vol. 14, nr. 2, pag. 99-10.</p>	
	<p>5. Yin, Y., Huang, H, Liu, Z. (2019). Imprecise Probability Method with the Power-Normal Model for Accelerated Life Testing, <i>Journal of Shanghai Jiaotong University</i>, vol. 24, nr. 6, pag. 805-810, indexat în baza de date: SCOPUS.</p> <p><u>Dovada</u></p>	1,66 p
	<p>6. Niknafs, H., Faridkhah, M., Kazemi, C. (2018). Analytical approach to product reliability estimation: A case study of automotive clutch system, <i>International Journal of Quality Engineering and Technology</i>, vol. 7, nr. 2, pag. 108-127, indexat în baza de date: SCOPUS.</p> <p><u>Dovada</u></p>	1,66 p
	<p>7. Niknafs, H., Faridkhah, M., Kazemi, C. (2018). Analytical approach to product reliability estimation based on life test data for an automotive clutch system, <i>Mechanics and Mechanical Engineering</i>, vol. 22, nr. 4, pag. 845-863, indexat în baza de date: SCOPUS.</p> <p><u>Dovada</u></p>	1,66 p
	<p>8. Lu, C., Liu, S. (2017). An intelligent assessment method of contact fatigue reliability for rolling bearing under EHL, <i>International Journal of Performance</i></p> <p><u>Dovada</u></p>	2,50 p

Today nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.	Engineering, vol. 13, nr. 5, pag. 587-597, indexat în baza de date: SCOPUS.	
Zaharia, S.M., (2015). Fatigue life simulation of the specimens made of mechanical component, Scientific Research & Education in the Air Force – AFASES 2016, vol. 2, pag. 531-534, indexat în baza de date: EBSCO.	9. Sivaranjani, T., Abhirama, K., Manjuprasad, M. (2018). Probabilistic fatigue life estimation of plate with multiple stress concentration zones, Lecture Notes in Mechanical Engineering, 2018, pag. 307-322, indexat în baza de date: SCOPUS.	5,00 p  <u>Dovada</u>
Zaharia, S.M., Stefăneanu, R.I., (2016). Design and manufacturing process for a ballistic missile, Scientific Bulletin of the Nicolae Balcescu Land Forces Academy, nr. 2, pag. 140-146, indexat în baza de date: EBSCO, ProQuest.	10. Yang, C., Wu, J., Liu, G., Zhang, Y. (2018). Ballistic Missile Maneuver Penetration Based on Reinforcement Learning, 2018 IEEE CSAA Guidance, Navigation and Control Conference, CGNCC 2018, Xiamen, China, indexat în baza de date: SCOPUS, IEEE Xplore.	2,50 p  <u>Dovada</u>
Zaharia, S.M., (2016). The analysis and development of a maintenance programme for the fuel system, Research and Science Today Journal, nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.	11. Pujangkoro, S., Wahyuni, D., Panama, J. (2019), Evaluating Working Time and Work Capacity of Aircraft Cabin Line Maintenance Services, IOP Conference Series: Materials Science and Engineering, vol. 505, nr. 1, article number 012021, indexat în baza de date: SCOPUS.	5,00 p  <u>Dovada</u>



			12. Haider, S. (2019). Overview of prognostics and health management for landing gear maintenance, Proceedings - Annual Reliability and Maintainability Symposium, nr. articol 8768977, indexat în baza de date: SCOPUS, IEEE Xplore.	5,00 p
	3.1.3 Citări în alte publicații		<u>Dovada</u>	
	3/nr. autori art. citat	Articol citat	Articol care citează	
		<p>Zaharia, S.M., (2015). Reliability and statistical analysis of the fatigue life of the tapered roller bearings, Scientific Research &amp; Education in the Air Force – AFASES, vol. 2, pag. 535-540, indexat în baza de date: EBSCO.</p> <p>Zaharia, S.M., (2015). The modal analysis of a carbon fiber helicopter blade, Journal of Industrial Design and Engineering Graphics, vol. 10, nr. 2, pag. 23-26, indexat în baza de date: EBSCO, ProQuest.</p>	<p>1. Li, Y., Zhi, P., Chen, B., Wang, Y. (2016). Reliability Analysis of Bearing System in High Speed Railway and Software Implementation, Advances in Computer Science Research, vol. 71, pag. 763-767, ISSN 0149-144X.</p> <p><u>Dovada</u></p> <p>2. Mironov, A., Mironovs, D., (2019). Modal passport of dynamically loaded structures: application to composite blades, 13th International Conference Modern Building Materials, Structures and Techniques, Vilnius, Lithuania, pag. 750-757, ISSN 2029-9915.</p> <p><u>Dovada</u></p>	<p>3,00 p</p> <p>3,00 p</p>

**3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)**

Număr de prezentări	3.2.1 În străinătate		
	20	—	0 p
	3.2.2 În țară		
	10	—	0 p
<b>3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice</b>			
<b>(b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI</b>			
Punctajul se ia în calcul o singură dată pentru o revistă sau o manifestare științifică	3.3.1 Indexate ISI		
	10	<ol style="list-style-type: none"> <li>1. Membru în Comitetul de recenzori al revistei Reliability Engineering &amp; System Safety, ISSN 0951-8320, <a href="https://www.journals.elsevier.com/reliability-engineering-and-system-safety">https://www.journals.elsevier.com/reliability-engineering-and-system-safety</a> <u>Dovada</u></li> <li>2. Membru în Comitetul de recenzori al revistei Acta Polytechnica Hungarica, ISSN 1785-8860, <a href="http://acta.uni-obuda.hu/">http://acta.uni-obuda.hu/</a> <u>Dovada</u></li> <li>3. Membru în Comitetul de recenzori al revistei Solar Energy, ISSN 0038-092X, <a href="https://www.journals.elsevier.com/solar-energy">https://www.journals.elsevier.com/solar-energy</a> <u>Dovada</u></li> <li>4. Membru în Comitetul de recenzori al revistei Additive Manufacturing, ISSN 2214-8604, <a href="https://www.journals.elsevier.com/additive-manufacturing">https://www.journals.elsevier.com/additive-manufacturing</a> <u>Dovada</u></li> <li>5. Membru în Comitetul de recenzori al revistei Tehnicki Vjesnik – Technical Gazette (TV-TG), ISSN 1330-3651, <a href="http://www.tehnicki-vjesnik.com/web/public/page">http://www.tehnicki-vjesnik.com/web/public/page</a></li> </ol>	10,00 p
			10,00 p
			10,00 p
			10,00 p



	<p>6. Membru în Comitetul de recenzori al revistei Latin American Journal of Solids and Structures, ISSN 1679-7817, <a href="https://www.lajss.org/index.php/LAJSS">https://www.lajss.org/index.php/LAJSS</a></p> <p>7. Membru în Comitetul de recenzori al revistei Metals, ISSN 2075-4701, <a href="https://www.mdpi.com/journal/metals">https://www.mdpi.com/journal/metals</a></p> <p>8. Membru în Comitetul de recenzori al revistei Materials, ISSN 1996-1944, <a href="https://www.mdpi.com/journal/materials">https://www.mdpi.com/journal/materials</a></p> <p>9. Membru în Comitetul de recenzori al revistei Coatings, ISSN 2079-6412, <a href="https://www.mdpi.com/journal/coatings">https://www.mdpi.com/journal/coatings</a></p> <p>10. Membru în Comitetul de recenzori al revistei Applied Sciences, ISSN 2076-3417, <a href="https://www.mdpi.com/journal/applsci">https://www.mdpi.com/journal/applsci</a></p> <p>11. Membru în Comitetul de recenzori al revistei Materials Research - Ibero-american Journal of Materials, ISSN 1516-1439, <a href="https://www.scielo.br/scielo.php?script=sci_arttext&amp;pid=S1516-14392008000300001">https://www.scielo.br/scielo.php?script=sci_arttext&amp;pid=S1516-14392008000300001</a></p> <p>12. Membru în comitetul de organizare și recenzor la <i>International Conference Computing and Solutions in Manufacturing Engineering – COSME '16</i>, November 3÷4, Braşov, Romania, 2016, <a href="http://old.unitbv.ro/cosme16/en/index.html">http://old.unitbv.ro/cosme16/en/index.html</a></p>	<p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p> <p><u>Dovada</u> 10,00 p</p>

202



		conference-standardization,-protypes-and-quality-a-means-of-balkan-countries%E2%80%99-collaboration.html	
		Dovada	
<b>3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ</b>			
	3.4.1 Conducere		
	5 ani desfășurare	—	—
	3.4.2 Membru		
	2 ani desfășurare	1. Membru în consiliul departamentului de Ingineria fabricației, 2016 – prezent, <a href="https://itmi.unitbv.ro/despre/ingineria-fabrica%C8%9Biei.html">https://itmi.unitbv.ro/despre/ingineria-fabrica%C8%9Biei.html</a>	8,00 p
		Dovada	
<b>3.5 Premii</b>			
	3.5.1 Academia Română		
	30	—	0 p
	3.5.2 ASAS, AOSR, academii de ramură și CNCS		
	15	—	0 p
	3.5.3 Premii internaționale		
	10	1. Best Paper Award, secțiunea Quality Engineering and Reliability, la THE 4 <sup>th</sup> INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING, anul de acordare 2016.	10,00 p
		Dovada	

		2. Best Paper Award, secțiunea Additive Manufacturing and Non-conventional Technologies, la THE 4 <sup>th</sup> INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING, anul de acordare 2016.	10,00 p
	Dovada		
	3.5.4 Premii naționale în domeniu		
	5	—	—
3.6 Membru în academiile, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.1 Academia Română		
	100	—	0 p
	3.6.2 ASAS, AOSR și academiile de ramură		
	20	—	0 p
	3.6.3 Conducere asociații profesionale		
	3.6.3.1 Internaționale		
	30	—	0 p
	3.6.3.2 Naționale		
	10	—	0 p
	3.6.4 Asociații profesionale		
3.6.4.1 Internaționale			
5	1. The Polish Safety and Reliability Association (PSRA), <a href="http://ptbn.pl/psra/">http://ptbn.pl/psra/</a>		5,00 p
	Dovada		



	2. Society of Reliability Engineers (SRE), <a href="http://www.sre.org/">http://www.sre.org/</a>		<u>Dovada</u>	5,00 p
	3. International Association of Computer Science and Information Technology (IACSIT) <a href="http://www.iacsit.org/">http://www.iacsit.org/</a>		<u>Dovada</u>	5,00 p
	4. International Association of Engineers (IAENG), <a href="http://www.iaeng.org/">http://www.iaeng.org/</a>		<u>Dovada</u>	5,00 p
	3.6.4.2 Naționale			
3	1. Asociația Universitară de Ingineria Fabricației – AUIF, <a href="http://www.auif.utcluj.ro/en/members-tm.html">http://www.auif.utcluj.ro/en/members-tm.html</a>	<u>Dovada</u>	3,00 p	
	2. Asociația Română de Tribologie – ART	<u>Dovada</u>	3,00 p	
	3. Asociația Română de Mecanica Ruperii – ARMR	<u>Dovada</u>	3,00 p	
3.6.5 Organizații în domeniul educației și cercetării				
3.6.5.1 Conducere				
10	—		0 p	
3.6.5.2 Membru				
5	—		0 p	
Total punctaj pentru activitatea recunoașterea și impactul activității (A3):				319 p

**Condiții minimele privind punctajul**

Nr. crt.	Domeniul de activitate	Condiții minimele pentru Conferențiar	Punctaj realizat
1.	Activitatea didactică / profesională (A1)	80 puncte	173,82 puncte
2.	Activitatea de cercetare (A2)	150 puncte	780,69 puncte
3.	Recunoașterea impactului activității (A3)	50 puncte	319 puncte
TOTAL:		280 puncte	1273,51 puncte





Domeniul fundamental: Științe Inginerești  
Domeniul: Inginerie Industrială

**Centralizator de îndeplinire a  
Standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice  
din învățământul superior și a gradelor profesionale de cercetare - dezvoltare  
CONFERENȚIAR**

Domeniul de activitate	Condiții minime Conferențiar	Realizat
1. Activitatea didactică / profesională (A1)	Minimum 80 puncte	173,82 puncte
	1.1. 1 Cărți/manuale/monografii/capitole de specialitate ca autor Conferențiar: Minimum 1 de prim autor	5 cărți (4 prim autor, 1 coautor)
	1.1.2 Suporturi de curs/îndrumare Conferențiar: Minimum 2, din care 1 prim autor	4 suporturi de curs/ îndrumare (4 prim autor)
2. Activitatea de cercetare (A2)	Minimum 150 puncte	780,69 puncte
	2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date De la ultima promovare (01.10.2012)	
	Minimum 5 articole, din care 1 în reviste, minimum 1 ca autor principal, pentru Conferențiar	24 articole în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters; 21 articole în reviste ISI Thomson Reuters; 10 ca autor principal;

		10 articole în reviste ISI Thomson Reuters din zona galbenă sau roşie (4 prim autor).
	2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale	
	De la ultima promovare: Minimum 5 pentru conferenţiar	19 articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale
	2.5 Granturi/proiecte câştigate prin competiţie sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei).	
	2.5.1 Director/ Responsabil - Minimum 1D sau 2R pentru Conferenţiar	2 proiecte câştigate prin competiţie în calitate de director
	Minimum 50 puncte	319 puncte
3. Recunoaşterea impactului activităţii (A3)		

Şef. lucr. dr. ing. ZAHARIA Sebastian – Marian

28.01.2022



Rezoluția Comisiei Științifice Inginerie si Management Standardele sunt indeplinite

Semnătură

- |  |             |    |
|--|-------------|----|
| 1. Prof.dr.Andreea Cătălina DEACONESCU | DA          | NU |
| 2. Prof.dr.Mircea Viorel DRĂGOI        | DA          | NU |
| 3. Prof.dr.Ramona CLINCIU              | 46/46<br>DA | NU |