

# LISTA DE LUCRĂRI

Conf.univ.dr.ing. MIBALACHE Marius Andrei

Categorie	Cod	Autori. Titlul lucrării. Editura. Revista sau manifestarea științifică, anul apariției
A.1.1 Cărții manual.el monografii/ capitole în cărți de specialitate	A.1.1.1	<b>Marius Andrei Mihalache</b> , Alexandru Sover, Oana Dodun-Des-PelTeres, Gheorghe Nagit, Vasile Merticaru, Adelina Hrituc, Laurentiu Slarineanu, <i>Modern Trends of Reverse Engineering in Digital Manufi. Icturing</i> , capitolul m. 2 (pagini capitol 23) din volumul "Digital Product Design and Manufaci-uring", 1st Edition. First Published 2025, eBook Published 26 August 2025, Pub. Location: Boca Raton, Imp,int: CRC Press, <a href="https://t.loi.org/10.1201/971(1003518198">https://t.loi.org/10.1201/971(1003518198</a> , pagini volum 264, eBook ISBN: 9781003518198, disponibil la adresa: <a href="https://www.hirfrancis.com/ix.oks.cd.t/10.1201/97100151X198.d1g1tal-product-de-21en-manufini:turing-gh0nrph-onn_a-p:ln3glo11-kyratsi">https://www.hirfrancis.com/ix.oks.cd.t/10.1201/97100151X198.d1g1tal-product-de-21en-manufini:turing-gh0nrph-onn_a-p:ln3glo11-kyratsi</a>
	A.1.1.2	Sănnășanu-Chihai Constantin, Bujor Adriana, Avram Elena, Tudose Mihaela Brîndușa. Corduban Călin Gabriel, <b>Mihalache Marius Andrei</b> , Negru Daniela, <i>Antreprenoriat Creativ</i> , Ed. Perfomnantica, 2022, voi. I, 168 pagini, ISBN 978-606-685-930-1.
	A.1.1.3	Laurențiu Slătîleanu, Traian Grănescu, Oana Dodun, Eugen Axinte, Mihai Boca, Cazimir Bohosievici, Vasile Braha, Constantin Cărăușu, Viorel Cobai, Margareta Coteață, Gheorghe Crețu, Petru Dușa, Laurențiu Dan Ghenghea, Octavian Lupescu, Vasile Menicarn, <b>Marius Mihalache</b> , Gavril Musca, Gheorghe Nagit, Dumitru Nedelcu, Florin Negoescu, Dragoș Paraschiv, Octavian Prntem, Marius Ionuț Rîpanu, Lucian Tăbăcaru, <i>Monografia catedrei/Departamentului de Tehnologia Construcțiilor de Mașini din Universitatea Tehnică "Gheorghe Asachi" din Iași</i> , Ed. Perfomnantica, 2015, 270 pagini, ISBN 978-606-685-269-2.
	A.1.1.4	Eugen Axinte, Mihai Boca, Constantin Cărăușu, Margareta Coteață, Oana Dodun-des-Perrieres, Petru Dușa, Vasile Ennolai, Traian Grănescu, Simona-Nicoleta Mazurchievici, Vasile Merticam, <b>Marius Andrei Mihaiache</b> , Teodor-Daniel Mindrn, Gheorghe Nagit, Dumitru Nedelcu, Florin Negoescu, Marius-Ionuț Rîpanu, Laurențiu Slătineanu, Liviu-Lucian Tăbăcaru, <i>Monografia catedrei/Departamentului de TEHNOLOGIA CONSTRUCȚIILOR DE MAȘINI din Universitatea Tehnică "Gheorghe Asachi" din Iași</i> , Ediția a-2a, revizuită și adăugită Ed. Perfomnantica, 2024, 316 pagini, ISBN 978-630-328-126-1.
	A.1.1.5	<b>Marius Andrei Mihalache</b> , <i>Aplicarea procedeelor de inginerie inversă în domeniul mecanic</i> , Ed. Perfomnantica, 2024, 483 pagini, ISBN 978-630-328-130-8.
A.1.2 Suporturi de curs/Îndrumare	A.1.2.1	<b>Mihailche Marius Andrei</b> , <i>Fabricația asistată de calculator bazată pe sisteme CAM</i> , suport de curs pentru disciplina Fabricație asistată de calculator-Sisteme CAM, anul IV, licență TCM, Ed. Perfomnantica 2024, 334 pagini, ISBN 978-630-328-111-7.
	A.1.2.2	Laurențiu Slătineanu, Cazimir Bohosievici, Traian Grănescu, Dragoș Paraschiv, Gavril Muscă, Oana Dodun, Gheorghe Nagit, Dumitru Nedelcu, Alexandru Sover, Liviu-Lucian Tăbăcaru, Constantin Cărăușu, Gheorghe Crețu, Vasile Merticam, Margareta Coteață, Mihai Boca, <b>Marius Andrei Mihalache</b> , Marius Ionuț Rîpanu, Simona Nicoleta Mazurchievici, Teodor Daniel Minctru, Marius Andrei Boca, Adelina Irițuc, Justina Georgiana Motaș, <i>Aplicații de ingineria fabricației</i> , un număr de trei aplicații în calitate de coautor și două aplicații în calitate de autor (în aria tematică a disciplinelor postului), Ed. PIM, 2021, 41 Rpagini, ISBN 978-606-13-6104-5.
	A.1.2.3	<b>Mihalache Marius Andrei</b> , <i>Limbaje de programare smcturată cu aplicabilitate în ingineria industrială - Teorie și aplicații</i> -, Ed. Petfonnanlica 2026, 300 pagini, ISBN 978-630-328-189-6.
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A.2.1.3.	Nagit Gheorghe and <b>Mihalache Andrei Marius</b> - <i>Alternative Method for Segmenting Digitized Data in Reverse Engineering</i> , IJlanE 2013. ISBN-13: 978-3-03785-786-1. ISSN print 1660-9336, Applied Mechanics and Materials voi. 371, pp. 463-467, available electronically at <a href="http://www.scitecreg.com">www.scitecreg.com</a> . Iasi. Romania, 2013. Proceedings Paper
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A.2.1.10.	Merticaru, V.; Slatineanu, L.; <b>Mihalache, M. A.</b> ; Dodun, O., <i>Procedurally programmed engineering solution for a machining process accuracy assessment</i> , 2016 International conference on production research - regional conference Africa, Europe and the Middle East (ICPR-AEM 2016) and 4th International conference on quality and innovation in engineering and management (QIEM 2016), Pages: 507-512, ISBN:978-606-737-180-22016, Proceedings Paper
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A.2.1.18.	Gavril Musca, <b>Andrei Marius Mihalache</b> and Lucian Tabacaru, <i>Development of E-learning systems in technical universities</i> , MATEC Web Conf. 178, IMANEE 2018, DOI: <a href="https://doi.org/10.1051/mateconf/201817807004">https://doi.org/10.1051/mateconf/201817807004</a> , 07004 (2018), Proceedings Paper
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	A.2.2.30.	Spiridon. Alexandra-Anamaria; Munteanu, Adriana: Băzdăgă, Rica; Rădulescu, Bruno; <b>Mihalache, Marius Andrei</b> ; Laurențiu Slătineanu; <i>Use of reverse engineering principles to design a twist drill sharpening device</i> , Proceedings in Manufacturing Systems; Bucharest Voi. 20, Iss. 1, (2025): 3-8, ISSN 2067-9238.
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<b>A.2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.</b>	A.2.4.1	Brevet de invenție* nr. 133328. Titular: Universitatea Tehnică "Gheorghe Asachi" din Iași, Iași, IS [RO], cu titlul <i>'Dispozitiv pentru poziționarea unui cuțit de filetat'</i> , inventatori: Slătineanu Laurențiu. Iași [RO]; <b>Mihalache Marius Andrei</b> , Iași [RO]; Coman Ionel, Iași (RO); Nagit Gheorghe, Iași [RO] cu data publicării mențiunii acordării brevetului 28/02/2024, BOPI nr. 2/2024. disponibil la <a href="https://osim.ro/universitatea-tehnica-111111-2024-bo21-ip-0220Fpdf">https://osim.ro/universitatea-tehnica-111111-2024-bo21-ip-0220Fpdf</a>