

**LISTA DE LUCRĂRI**  
**a cadrului didactic BĂLDEA MONICA**

**A. Teza de doctorat**

*Contributii la studiul vibratiilor sistemelor mecanice liniar-elastice cu excitatii aleatoare*, Universitatea din Pitești, 2004, domeniul Inginerie Mecanică, Inginerie industrială, 2004

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**B. Cărți și capitole în cărți publicate în perioada 2000 - 2025**

**B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)**

1. Bâldea Monica, Pandrea Nicolae, *Mecanica. Culegere de probleme.*, carte, Editura Universității din Pitești, ISBN 973-690-364-8, 305 pagini, 2007

2. Bâldea Monica, *Vibratiile sistemelor mecanice liniar-elastice cu excitatii aleatoare*, carte, Editura Universității din Pitești, ISBN 978-973-690-790-6, 182 pagini, 2008

3. Bâldea Monica, *Mecanica. Statica.*, carte, Editura Universității din Pitești, ISBN 973-690-363-X, 188 pagini, 2009

4. Bâldea Monica, : *Mecanica. Dinamica*, carte, Editura Universității din Pitești, ISBN 978-606-560-204-5, 160 pagini, 2011

5. Bâldea Monica, *Mecanica: Teorie și aplicații*, carte, Editura Universității din Pitești, ISBN 978-606-560-279-3, 306 pagini, 2012, (TC\_5\_2012\_DFMI, TC\_5\_2012\_DFMI)

6. Bâldea Monica, *Geometrie descriptivă. Desen tehnic*, carte, Editura Universității din Pitești, e-ISBN 978-606-560-497-1, 133 pagini, 2016, (TC\_5\_2016\_DFMI, TC\_5\_2016\_DFMI)

7. Monica Bâldea, Alin Rizea, Marinică Stan, *Tehnici de măsurare. Îndrumar de laborator*, Tehnici de măsurare. Îndrumar de laborator, Monica Bâldea, Alin Rizea, Marinică Stan, Editura Universității din Pitești, e-ISBN: 978-606-560-618-0, 2019, 91 pagini, 2019, (TC\_2\_2019\_DFMI)

8. Monica Bâldea, Mihaela Istrate, *DINAMICA. Teorie și aplicații*, DINAMICA. Teorie și aplicații, Editura Universității din Pitești, e-ISBN: 978-606-560-710-1, 2021, 184 pagini, 2021, (TC\_3\_2021\_DFMI)

9. Mihaela Istrate, Monica Bâldea, *STATICA. CINEMATICA. Teorie și aplicații*, Editura Universității din Pitești- 2022, e-ISBN : 978-606-560-740-8, nr. pagini 311, 2022, (TC\_14\_2022\_DFMI)

10. Mihaela ISTRATE, Monica BĂLDEA, *MECANISME ȘI ORGANE DE MAȘINI, Mihaela ISTRATE, Monica BĂLDEA, Editura Universității din Pitești-2022, E-ISBN: 978-606-560-735-4, nr pagini 345*, Editura Universității din Pitești-2022, e-ISBN: 978-606-560-735-4, nr pagini 345, 2022, (TC\_15\_2022\_DFMI)

11. Monica Bâldea, Mihaela Istrate, *DESEN TEHNIC. ORGANE DE MAȘINI*, Editura Universității din Pitești, 323 pagini, ISBN 978-606-560-779-8, 2023, (TC\_3\_2023\_DFMI)

**B5. Manuale didactice, suport de curs**

1. Babalâc (Bâldea) Monica, Pandrea Marina, *Mecanica*, curs, Editura Scrisul Românesc, ISBN 973-38-0075-9, Craiova, 306 pagini, 2001

2. Monica Baldea, *Mecanica. Suport de curs*, Universitatea din Pitești, Facultatea de Mecanică și Tehnologie, DFMI, 200 pagini, 2018

3. Monica Bâldea, Alin Rizea, *Toleranțe*, Toleranțe, Monica Bâldea, Alin Rizea, curs, 83 pagini, 2019

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5. Mihaela Istrate, Monica Bâldea, *Mecanisme*, Mecanisme, Mihaela Istrate, Monica Bâldea, 2021, 300 pagini, 2021

6. Mihaela Istrate, Monica Bâldea, *CINEMATICA. Teorie și aplicații*, CINEMATICA. Teorie și aplicații, 2021, 100 pagini, 2021

7. Monica Bâldea, Mihaela Istrate, *Desen tehnic cu aplicații în organe de mașini*, curs, nr. pagini 300, 2022

#### **B6. Îndrumare de laborator, culegere de probleme**

1. Alin Rizea, Monica Bâldea, *Toleranțe.Îndrumar de laborator*, Toleranțe.Îndrumar de laborator, Alin Rizea, Monica Bâldea,2019,144 pagini, 2019
2. Monica Bâldea, Alin Rizea, *TEHNICI DE MĂSURARE ÎN DOMENIUL MECANIC*, TEHNICI DE MĂSURARE ÎN DOMENIUL MECANIC, curs,Monica Bâldea, Alin Rizea,2019, 67 pagini, 2019
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##### **C2. Articole în volume indexate ISI Proceedings**

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2. Bâlțeanu Anuța,Bâldea Monica, *APPLYING A PERFORMANCE MANAGEMENT BY ELIMINATING A POST BLOCKER*, articol Review of Management and Economic Engineering,6th International Management Conference "Perfomance Management or Management Performance",20-22 septembrie 2018,Cluj-Napoca,Rpmania, pag.537-543,Conference Proceeding was indexed in "ISI Web of Knowledge" Proceedings Database, 2018, (TC\_2\_2018\_DFMI)
3. Babă Alexandru, Monica Bâldea, *A method of inserting SI on the workpiece sketch and assembling a device*, articol IOP Conf. Series:Materials Science and Engineering 564 (2019),IManEE,The 23-rd edition of Innovative Manufacturing Engineering & Energy International Conferince,University of Pitesti,Romania, 22-24 may 2019, 2019, (TC\_11\_2019\_DFMI)
4. Nicolae Viorel, Istrate Mihaela, Bâldea Monica, Vâlcan Andrei, *Study on reduction of the fuel consumption and the pollution by using traffic management systems in urban areas*, articol IOP Conf. Series:Materials Science and Engineering 564 (2019),IManEE,The 23-rd edition of Innovative Manufacturing Engineering & Energy International Conferince,University of Pitesti,Romania, 22-24 may 2019, 2019, (TC\_15\_2019\_DFMI)

##### **C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale**

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2. Bâldea Monica,Pandrea Nicolae, *Vibration of bars with aleatory excitations*, articol,Construcția de mașini nr.7,Pitești, 2002
3. Pandrea Marina,Bâldea Monica, *The analytical method for the determination of the mechanical energy of the automobile vibrations with random excitation by bearing race on the pattern with one degree of freedom*, articol,Science and Management of Automobiles and Tractors,SMAT2008,Tome1,Editura Universitaria,ISBN 978-606-510-253-8/978-606-510-245-3,Craiova,pagina 147, 2008
4. Bâldea Monica, *Metoda directa pt.determinarea funcțiilor de raspuns ale sistemelor liniare cu un nr. finit de grade de libertate*, articol,Durabilitatea și Fiabilitatea Sistemelor,Fiability&Durability No.1,pagina 4;Editura "Academica Brâncuși",Tg.Jiu,ISBN 978-973-144-180-1, 2008
5. Bâldea Monica, Pandrea Marina, Pandrea Nicolae, *The power weight of the vibration modes of automobiles with random excitation by bearing race.The power weight of the vibrations modes.*, articol,Science and Management of Automobiles and Tractors,SMAT2008,Tome1,Editura Universitaria Craiova,ISBN 978-606-510-253-8/978-606-510-245-3,pagina 13, 2008

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8. Bâlțeanu Ancuța., Bâldea Monica, *Planning staffing for the activity in relation with the costumers requirements*, articol, Scientific Bulletin Automotive series, Year XVIII, No.22, Volume B/2012, University of Pitesti, ISSN 1453-1100, pages 24, 2012, (TC\_5\_2012\_DFMI, TC\_5\_2012\_DFMI)
9. Bâldea Monica, Bâlțeanu Ancuța, *Deviations influence on bars efforts truss statically undetermined*, articol, Scientific Bulletin Automotive series, Year XVIII, No.22, Volume B/2012, University of Pitesti, ISSN 1453-1100, pages 19, 2012, (TC\_5\_2012\_DFMI, TC\_5\_2012\_DFMI)
10. Bâldea Monica, *Reliability, component of industrial production quality*, articol, Fiabilitate și Durabilitate, Fiability & Durability, pagina 303-306, Editura Academica Brâncuși, Tg. Jiu, Supplement No.1, ISSN 2344-3669, ISSN-L 1844-640X, 2012, (TC\_5\_2012\_DFMI, TC\_5\_2012\_DFMI)
11. Bâldea Monica, *Determining the response in case of vibrations of straight bars with random excitations*, articol, Revista Fiabilitate si Durabilitate, Fiability & durability, Editura Academica Brancusi, Tg-Jiu, Supplement No 1/2012, ISSN 2344-3669, ISSN L- 1844-640X, pages 68-71, Index Copernicus, Journal Seek, DOAJ, EBSCO, SCIOPI, ULRICHS, 2012, (TC\_5\_2012\_DFMI, TC\_5\_2012\_DFMI)
12. Bâlțeanu Ancuta, Bâldea Monica, *Study on listening skills in managerial communication*, articol, Scientific Bulletin, University of PITEȘTI, Faculty of Mechanics and Technology, AUTOMOTIVE Series, year XII, no.23/B, p. 37-41, Index Copernicus, 2013, (TC\_5\_2013\_DFMI, TC\_5\_2013\_DFMI)
13. Istrate Mihaela, Bâldea Monica, *On predictive control using vibration detection method on condensation damage to the machine with single stage centrifugal pump.*, articol, Scientific Bulletin Automotive series, Year XII, No.23 part B/2013, University of Pitesti, Index Copernicus, 2013, (TC\_5\_2013\_DFMI, TC\_5\_2013\_DFMI)
14. Bâldea Monica, Istrate Mihaela, *On predictive control using vibration detection method on condensation damage to the multistage 2 rotors centrifugal pump machine with frontal sealing*, articol, Scientific Bulletin Automotive series, Year XII, No.23/B/2013, University of Pitesti, Index Copernicus, 2013, (TC\_5\_2013\_DFMI, TC\_5\_2013\_DFMI)
15. Bâlțeanu Ancuta., Bâldea Monica, *Determination of random movement characteristic parameters of mechanical models with finite number of degrees of freedom (isothermal mode)*, articol, The Scientific Bulletin of Valahia University-Materials and Mechanics, No.8 (year 11)/2013, ISSN 1844-1076, pages 94-96, Index Copernicus, SCIOPI, DOAJ, 2013, (TC\_5\_2013\_DFMI, TC\_5\_2013\_DFMI)
16. Bâldea Monica, Bâlțeanu Ancuța, *Determination of random movement characteristic parameters of mechanical models with distributed mass (isothermal mode)*, articol, The Scientific Bulletin of Valahia University-Materials and Mechanics, No.8 (year 11)/2013, ISSN 1844-1076, pages 91-93, Index Copernicus, SCIOPI, DOAJ, 2013, (TC\_5\_2013\_DFMI, TC\_5\_2013\_DFMI)
17. Bâldea Monica, Istrate Mihaela., Bâlțeanu Ancuta, *Study on axial and radial forces of the primary frontal sealing*, articol, Scientific Bulletin, AUTOMOTIVE series, Year XX, No. 24, Volume B, pagina 19, Universitatea din Pitești, ISSN: 1453-11, 2014, (TC\_6\_2014\_DFMI, TC\_6\_2014\_DFMI)
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19. Istrate Mihaela, Bâldea Monica, *On predictive control using vibration detection method on condensation damage to the machine with screw bitumen pump*, articol, Revista Fiabilitate si Durabilitate, Fiability & durability, Editura Academica Brancusi, Tg-Jiu, No 1/2014, ISSN 2344-3669, ISSN L-1844-640X, pages 150-153, Index Copernicus, Journal Seek, ULRICHS, DOAJ, EBSCO, SCIOPI, 2014, (TC\_6\_2014\_DFMI, TC\_6\_2014\_DFMI)
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23. Bâlteanu Ancuta,Bâldea Monica,Grigore Jan,Istrate Mihaela., *The Application Of Qrqc Method To Solve Problems And To Improve The Production Flux (1)*, articol,SYMECH2015,Fiability&Durability,No 1/2015Supliment,Editura Academica Brâncuși,Tg.Jiu,pag.217,ISSN:1844-640X.Index Copernicus,JournalSeek,ULRICHS, DOAJ,EBSCO,SCIPPIO, 2015, (TC\_6\_2015\_DFMI, TC\_6\_2015\_DFMI)

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***Cadrul didactic BÂLDEA MONICA***