

Lista de lucrări științifice

Prof.dr.ing. Luminița Bibire

1. Teza de doctorat

”Cercetări privind calculul arborilor dispozitivelor de amestecare” –susținută public iunie, 1999, la Universitatea ”Politehnica București” Facultatea de Inginerie Mecanică, Catedra Echipamente de Proces, Coordonator: Prof. univ. dr. ing. Valeriu V. Jinescu

A. Cărți și capitole în cărți de specialitate

A.1. Cărți ca autor - internaționale

1. Ciobotărescu, I., Neagu, Gh., **Bibire, L.**, Utilaj tehnologic pentru vinificație, 1997, Editura tehnică București, Editura “Tehnică Chișinău, ISBN 9975-910-11-4, ISBN 973-31-1106-6, 579 pg

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2. **Bibire, L.**, Arbori pentru dispozitive de amestecare - Cercetări teoretice și experimentale, 2005, Editura Tehnica-Info, Chișinău, ISBN 9975-63-262-7, 148 pag
3. **Bibire, L.**, Baze teoretice ale proiectării utilajului tehnologic, 2005, Editura Tehnica-Info, Chișinău, ISBN 9975-63-261-0, 283 pag
4. **Bibire Luminița**, Ghenadi Adrian, Risc industrial-Evaluare – politici și strategii, 2011, Editura Alma Mater, ISBN 978-973-1833-92-7, 180 pag
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2. **Bibire Luminița**, Cobrea Codrin, Risc și securitate industrială - Note de curs și seminar, 2008, Editura Alma Mater, Bacău, ISBN-978-973-1833-94-1, 123 pag
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4. **Bibire Luminița**, Ureche Camelia, Didactica specialității - Discipline tehnice – Modulul I, 2015, Alma Mater, Bacău, 978-606-527-496-9, 237 pag

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2. **Bibire, L.**, Cobrea, C., Tehnici clasice și moderne de proiectare și laborator, Industria Alimentară, 2004, Editura Tehnica-Info, Chișinău, ISBN 9975-63-243-2, 197 pag

B. Lucrări științifice

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2. **Bibire L.**, Ghenadi A., Lazăr G., Cobrea C., Research Concerning the Influence of Work Medium on Fracture of Materials, Metalurgia International, vol XIV (2009), nr.4, pg 29, ISSN 1582-2214, FI (2009)= 0,173
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1. **Bibire Luminita**, Ghenadi Adrian-Stelian, Topliceanu Liliana, Influence of the Work Environment and of Mixer Hydrodynamic Mass on the Deformations and Implicitly on the Shaft Own Pulsation, *Applied Mechanics and Materials*, vol. 436, 2013, pag. 180-187
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5. Iuliana Caraman, Gabriel Lazar, **Luminita Bibire**, Iuliana Lazar, Marius Stamate, Dragos Rusu, The optical properties of Cd_{1-x}MnxTe (0<x<0.55) solid solutions in monocrystals and thinpolycrystalline films, *Physica Status Solidi C* /ISSN: 1862-6351, No.6, Vol.5, 1203-1206 (2009) DOI: 10.1002/pssc.200881183 Indexata in Physics Abstracts (IET)SCOPUS (Elsevier), VINITI (All-Russian Institute of Science & Technological Information), Web of Science (Thomson Reuters)

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2. **Bibire, L.**, Cobrea, C.R., Comparative Study Regarding on Some Computer Programs for Designing of Tall Towers which Are Used in Process Industries, 7th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2003, Lloret de Mar, Barcelona, Spain
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7. **Bibire, L.**, Cobrea, C.R., Process Risk Assessment – Overview of HAZOP Assessment Method in Chemical Process Plants, 3rd International Conference Research And Development In Mechanical Industry, RaDMI 2003, Herceg Novi (Montenegro Adriatic)-Krusevac
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 9. **Bibire, L.**, Cobrea, C., The Influence Of Work Medium On Deformations And Own Pulsation Of The Mixing Devices Shafts, 8th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2004, Bosnia și Herțegovina, ISBN 9958-617-18-8, pg. 447;
 10. **Bibire, L.**, Cobrea, C., Computer Software for Tall Towers Dimensioning and Testing Based on ASME Codes, 8th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2004, Bosnia și Herțegovina, ISBN 9958-617-18-8, pg. 803;
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 13. **Bibire, L.**, Cobrea, C., Theoretical Consideration Concerning Crack of Shafts, 11th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2007, Hammamet, Tunisia, 5-9 September, 2007;
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 15. Ghenadi Adrian Stelian, **Bibire Luminita**, Topliceanu Liliana, A Life-Cycle Analysis Of A New Romanian Automotive Manufacturing Battery, Annals of DAAAM for 2011&PROCEEDINGS/ DAAAM International Vienna/ 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation: Power of Knowledge and Creativity", 23-26th November 2011, (vol.22, No 1), pp. 1347-1348, Published by DAAAM International, Vienna, Austria 2011
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22. Nadabaica Dumitru-Cristinel, Nedeff Valentin, **Bibire Luminita**, Theoretical study about the influence of predictive maintenance on process equipment lifetime, Journal of Engineering Studies and Research, Volume: 18, no 2, 2012, pp. 57-65,
23. Topliceanu L., Ghenadi A. **Bibire L.**, Methodology for Determining the Propagation Speed of the Hydraulic Shock in the Pipes Advanced Materials Research vol 705/2013, pg. 419-423, doi: 10.4028/www.scientific.net/AMR.705.419,
24. Ghenadi A, Topliceanu L., **Bibire L.**, Particular Aspects on the Dynamics of Hydraulic Driven Robot with Spherical Joints, Applied Mechanics and Materials Vol. 332 in 2013 with the title OPTIROB 2013, Pages: 254-259, Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.332.254
25. **Bibire L.**, Ghenadi A, Topliceanu L., Considerations on Steel Behavior at Oligocyclic Fatigue, Applied Mechanics and Materials, Vol 332(2013) pag. 375-380, Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.332.375
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27. Valentin Zichil, Radu Iatan, **Luminita Bibire**, Paraschiva Busuioceanu Grigorie, Laurențiu Șerban, Thermo-Mechanical Loading in Bevelled Area Between Two Cylindrical Shells with Different Thicknesses. Theoretical Study - Connection Loads, Journal of Engineering Studies and Research, 2068-7559
28. Ceocea Costel, **Bibire Luminita**, Ghenadi Adrian Stelian, The Risk in Management Activity of a Company for Machine Building, Applied Mechanics and Materials, 1660-9336
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30. Costel Ceocea, **Luminița Bibire**, Adrian Stelian Ghenadi, Risk Management Planning Within Romanian Companies, Journal of Engineering Studies and Research, 2068-7559

B.3. Articole în extenso în Reviste/Proceedings naționale/internaționale neindexate

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20. **Bibire, L.**, Ghenadi, Effects of the Axial Force and Torque on Critical Speed of the Main Spindle at Drilling, Milling and Boring Machines XIII-th Conference and Exhibition on Machine Tools, University of Miskolc, Hungary, pg. 32, ISSN 0016-8572, 1998
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