

LISTA DE LUCRĂRI

Sef lucrari dr.ing. COLDEA (FLOCA) M. Alina Mihaela

1. Floca, A., *Metodologie de determinare a proprietăților elastice ale produselor pentru femei realizate pe mașini circulare cu diametru mic*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-9280-96-X, pp.111- 116, 6 pg., 1998
2. Floca, A., *Studiul influenței adâncimii de buclare asupra proprietăților elastice ale produselor realizate pe mașini circulare de tricotat cu diametru mic*, Sesiunea Jubiliară de Comunicări Științifice, Universitatea „Aurel Vlaicu“ Arad, ISSN 1582-3431, pp. 95-100, 6 pg., 2000
3. Floca,A., “*Studiul influenței tensiunii în fir asupra proprietăților elastice ale produselor tricotate pe mașini circulare cu diametru mic*”, Sesiunea Jubiliară de Comunicări Științifice, Universitatea „Aurel Vlaicu“, Arad, ISSN 1582-3431, pp. 101-107, 7 pg., 2000
4. Floca, A., *Analiza influenței tensiunii în fir la alimentare asupra proprietăților firelor poliamidice*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-651-157-X, pp.189-193, 5pg.2000
5. Floca, A., *Analiza influenței adâncimii de buclare asupra proprietăților firelor poliamidice*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-651-157-X, pp.194- 198, 5 pg., 2000
6. Floca, A., *Analiza influenței structurii tricotului asupra proprietăților elastice ale produselor din fire poliamidice realizate pe mașini circulare de tricotat cu diametru mic*”, Lucrările celei de-a XII-a Conferințe Române de Textile-Pielărie, Universitatea Tehnică Gh. Asachi, Iași, ISBN 973-8075-51-3, pp. 101-106, 6 pg., 2002
7. Floca, A., *Studiul influenței operațiilor de tricotare și termofixare asupra proprietăților firelor poliamidice*, Lucrările celei de-a XII-a Conferințe Române de Textile-Pielărie, Universitatea Tehnică Gh. Asachi, Iași, ISBN 973-8075-51-3, pp.96-100, 5 pg., 2002
8. Floca, A., *Proiectarea calității produselor tricotate pe mașini circulare cu diametru mic*, Revista Română de Textile-Pielărie nr.2, ISSN 1453-5424, Iași, pp67-74, 8pg, 2005, cod CNCSIS 164
<http://www.revtex.tuiasi.ro/>,
9. Floca, A., *Cercetări privind influența operației de termofixare asupra proprietăților elastice ale tricoturilor realizate pe mașini circulare cu diametru mic*, Revista Română de Textile-Pielărie nr.2, ISSN 1453-5424, Iași, pp75-80, 6pg, 2005, cod CNCSIS 164
<http://www.revtex.tuiasi.ro/> <http://www.revtex.tuiasi.ro/prezentare.html>
10. Floca, A., *New elements in stocking knitting machines and technologies*, Acta Universitatis Cibinensis, Universitatea „Lucian Blaga“ din Sibiu, vol. LIII, ISSN 1583-7149 pp.100- 105, 6 pg., 2006.
http://inginerie.ulbsibiu.ro/buletin_ACTA/LIII.pdf
11. Floca, A., *The stocking knitting operation control*, Acta Universitatis Cibinensis, Universitatea „Lucian Blaga“ din Sibiu, vol. LIII, ISSN1583-7149 pp.111- 116, 6 pg., 2006,
http://inginerie.ulbsibiu.ro/buletin_ACTA/LIII.pdf
12. Floca, A., *Mathematical patterning of the yarn's tension influence on the width of the tubular knit fabric in stretched state*, 6'th International Conference TEXSCI 2007, Liberec, Czech Republic, ISBN 978-80-7372-207-4, 7 pg, 2007.
<http://www.ft.tul.cz/index.cgi?sou=english/action/conference.htm>
13. Floca, A., *Étude de l'influence des paramètres des opérations de lavage et séchage sur les dimensions des tricots de laine*, Buletinul Institutului Politehnic din Iasi, Sectia Textile Pielarie, Fascicola 1-4, vol.LIII (LVII), pg. 55-62, Iasi, 2007, cod CNCSIS 18
http://www.tuiasi.ro/users/113/Abstract%202007_3.pdf
14. Floca A., *Research regarding mathematical relations between the elastic properties of knit and the parameters of the knitting process*, Annals Of The Oradea University. Fascicle Of Textile-

Leatherwork, INTERNATIONAL SCIENTIFIC CONFERENCE "Innovative solutions for sustainable development of textiles industry", Oradea, ISSN 1582-5590, 6pg, 2008
<http://textile.webhost.uoradea.ro/Annals/anale%20%201%202008.pdf> categoria B

15. Floca A., *New types of yarns used for the knitting of hosiery*, Acta Universitatis Cibinensis, Technical series, vol. LVIII, Universitatea „Lucian Blaga“ din Sibiu, pp. 39-44, 6pg , ISSN 1583-7149, 2009
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LVIII.pdf categoria B
16. Floca A., *Study of the influence of the knitting parameters on the behaviour of fabrics under repeated stress*, Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LIX, pp 89-93, 5pg., ISSN 1583-7149, 2009
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LIX.pdf Categoria B
17. Coldea A., *Research concerning the finishing process influence on the length of yarn for a stitch*, Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LX, pp41-45, 5pg, ISSN 1583-7149, 2010,
<http://inginerie.ulbsibiu.ro/buletin ACTA/> Categoria B
18. Floca, A., Morar, L., Dragu,L., *Analiza posibilităților tehnologice ale mașinii circulare de tricotat cu diametru mic MATEC HF 4.6 și 4.7*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-9280-96-X, pp.128- 135, 8 pg., 1998
19. Floca,A., Budulan, C., Blaga, M., Țiglea-Lupașcu, R., *Research on the influence of the knitting process parameters on the nylon yarn's quality*, 4-th Central European Conference 2005, ISBN 80 - 7083 - 967 – 8, Liberec, Czech Republic, 9pg, 2005
20. Floca A, Dinu M., Analysis of pilling effect on wool knit”, Buletinul Institutului Politehnic din Iasi, Sectia Textile Pielarie, Fascicola 1-4, vol.LIII (LVII), pg.63-69, Iasi, 2007, cod CNCSIS 18, cat C http://www.tuiasi.ro/users/113/Abstract%202007_3.pdf
21. Floca A, Dinu M, Budulan C., *Investigation on the abrasion resistance of wool knitted fabrics*, 15th International Conference- Structure and Structural Mechanics of Textiles, Technical University of Liberec and Czech Section of Textile Institute of Manchester, Czech Republic, pp 69-75, ISBN 978-80-7372-418-4, Liberec, 1-3 dec. 2008
22. Floca A, Vlad D., *Study of seam strength on knitted fabrics*, Acta Universitatis Cibinensis, Universitatea „Lucian Blaga“ din Sibiu, ISSN 1583-7149, 2009
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LVIII.pdf Categoria B
23. Coldea A., Vlad D., Budulan C., “*Study concerning the influence of the raw material on strength and elongation of knit for matress*”, 18th International Conference- Structure and Structural Mechanics of Textiles, Technical University of Liberec and Czech Section of Textile Institute of Manchester, Czech Republic, pp 121-126, ISBN 978-80-7372-78604, December 2011, Liberec
<http://www.ktt.tul.cz/strutex/2011/papers/program.pdf>
<http://www.ktt.tul.cz/strutex/2011/sectionI.html>
24. Coldea A, Vlad D., „*Research regarding air permeability of knitted fabric*”, Annals Of The Oradea University. Fascicle Of Textile- Leatherwork”, International scientific Conference “Innovative solutions for sustainable development of textiles industry”, Oradea, 2011, VOLUME XII, No. 2, ISSN 1843 – 813X, pp. 54-57, 2011
<http://textile.webhost.uoradea.ro/Annals/Vol%20XII-Nr%202-2011.pdf>
Indexed in: Ulrich's Update - Periodicals Directory
25. Coldea, A., Vlad, D., Budulan C., “*Study concerning the influence of the raw material on the friction resistance of socks*”, Annals Of The Oradea University. Fascicle Of Textile- Leatherwork”, International scientific Conference “Innovative solutions for sustainable development of textiles industry”, Oradea, 2012, VOLUME XIII, ISSN 1843 – 813X, 2012 in press <http://textile.webhost.uoradea.ro/Annals/index.html>
26. Coldea, A., Vlad, D., Transfer of water vapour thru the articles knitted on small diameter circular machine, Annals Of The Oradea University. Fascicle Of Textile- Leatherwork”, International scientific Conference “Innovative solutions for sustainable development of textiles industry”, Oradea, 2013, volumeXIV, ISSN 1843-813X, pp51-55, 5pg, 201
<http://textile.webhost.uoradea.ro/Annals/Volume%20XIV-%20Nr1-2013.pdf>

27. . Coldea, A., Vlad, D, Budulan C, The influence of raw material on the liquid moisture transport through knitted fabric, Annals Of The Oradea University. Fascicle Of Textile- Leatherwork”, International scientific Conference "Innovative solutions for sustainable development of textiles industry", Oradea, 2014, . ISSN1843 – 813X, pp29-34, 5pg, 2014
<http://textile.webhost.uoradea.ro/Annals/AUO-FTL-VolumeXV-%20No%201-2014.pdf>
28. Capră, V., Floca, A., *Cresterea calității produselor obținute pe mașini circulare cu diametru mic prin folosirea firelor elastan*, Sesiunea de Comunicări Științifice a Universității „Aurel Vlaicu“ Arad, ISBN 973-97708-0-0, pp.368- 373, 6 pg., 1996
29. Dragu, L., Pietraru, M., Floca, A., *Conceptul stretch: fire, fibre, țesături*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-9280-96-X, pp.501- 506, 6 pg., 1998
30. Morar, L., Floca, A., *Analiza posibilităților tehnologice ale mașinilor circulare de tricotat cu diametru mare MAYER &Cie M.L.B.F.*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-9280-96-X, pp.117-122, 6 pg., 1998
31. Morar, L., Floca, A., *Analiza posibilităților tehnologice ale mașinilor rectilinii de tricotat tip VESTA STEIGER.*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-9280-96-X, pp.123-127, 5 pg., 1998
32. Capră, V., Floca, A., *Implicațiile standardizării în proiectarea calității produselor tricotate*, Buletinul Științific al Sesiunii de Comunicări Științifice, Universitatea „Lucian Blaga“ din Sibiu, ISBN 973-651-157-X, pp.183- 188, 6 pg., 2000
33. Coman D., Floca,, A., “*Study of the finishing processes influence on the shrinkage of knitted fabrics* ”, Acta Universitatis Cibinensis, Universitatea „Lucian Blaga“ din Sibiu,vol. LVIII 5pg , ISSN 1583-7149, 2009..
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LVIII.pdf Categorie B
34. Dinu, M., Floca, A., *Research regarding the pilling effect on fabrics obtained from mixed yarns*, Acta Universitatis Cibinensis, Universitatea „Lucian Blaga“ din Sibiu, vol LVIII, 5pg , ISSN 1583-7149, 2009
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LVIII.pdf categoria B
35. Dinu, M., Floca,, A., Coman D., Study concerning determination of the pilling effect on knitted fabrics through rolling method, Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LIX, pp 127-130, 4pg., ISSN 1583-7149, 2009
http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LIX.pdf Categorie B
36. Vlad D., Floca A., „Analysis of tensile strength of seams make on knitted fabric”, Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LIX, pp 84-88, 5pg., ISSN 1583-7149, 2009 http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LIX.pdf
Categorie B
37. Dinu, M., Floca, A., Coman, D., Budulan, C., *Comparative study concerning the testing possibilities of the pilling effect*, Proceedings of The second International Proficiency Testing Conference, pp201-206, 6pg, ISSN2066-737X, Sibiu, 2009, <http://www.pt-conf.ro>
38. Vlad, D., Floca, A., Budulan C., *Methods for testing the seams for making knitted fabrics*, Proceedings of The second International Proficiency Testing Conference, pp.311-321, 11pg, ISSN2066-737X, Sibiu, 2009, <http://www.pt-conf.ro/>
39. Dinu M., Floca A.,, Budulan C., *Analysis of the influence of knitted fabric geometry on the stress-strain behaviour*, 16th International Conference Structure and Structural Mechanics of Textiles, , Technical University of Liberec and Czech Section of Textile Institute Manchester, Czech Republic, 5pg, ISBN 978-80-7372-542-6, Liberec ,2009,
<http://www.ktt.tul.cz/?page=strutex16>
40. Vlad D., Floca A., Budulan C., *Study concerning the influence of the raw material on the wear by friction of knit for matress*, StruTex 2009, 16th International Conference Structure and Structural Mechanics of Textiles, Technical University of Liberec and Czech Section of Textile Institute Manchester, Czech Republic, 6pg, ISBN 978-80-7372-542-6, Liberec, 2009,
<http://www.ktt.tul.cz/?page=strutex16>
41. Dinu, M., Floca, A., Budulan, C., „*Study regarding the influence of raw materials on the behavior of fabrics which undergo stretch stress* ”, Annals Of The Oradea University. Fascicle Of Textile-

- Leatherwork", International scientific Conference "Innovative solutions for sustainable development of textiles industry", Oradea, 2010, p. 59-62, ISSN: 1582-5590, Oradea, 2010, categorie B.
- <http://textile.webhost.uoradea.ro/Annals/VolumeXI-no%202-2010.pdf>,
42. Dinu, M., Coldea, A., *Study concerning the pilling effect on knitted fabrics obtained from cotton yarns*, Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LX, pp 65-68, 4pg, ISSN 1583-7149, 2010, http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LX.pdf categoria B
43. Vlad, D., Coldea, A., *Influence of raw material on the air permeability of hosiery*", Acta Universitatis Cibinensis, Technical series, Universitatea „Lucian Blaga“ din Sibiu, vol. LX, pp 65-68, 4pg, ISSN 1583-7149, 2010, http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LX.pdf
- Categoria B
44. Vlad, D.; Floca, A. M. & Dinu, M. (2010). *Study on Strength and Breaking Elongation for Yarns and Knitted Fabrics Used to Make Socks* (2010). 0535-0537, *Annals of DAAAM for 2010 & Proceedings of the 21st International DAAAM Symposium*, ISBN 978-3-901509-73-5, ISSN 1726-9679, pp 0268, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2010
<https://docs.google.com/spreadsheets/d/1gl8ELoLK10GQHZsS25y0SRXhDRfqk3lHCP-y68X-04s/pub?hl=en&output=html>
45. Vlad, D., Coldea, A., Budulan, C., *Study concerning the influence of the raw material on strength and elongation of knit for socks*, Annals Of The Oradea University. Fascicle Of Textile-Leatherwork", International scientific Conference "Innovative solutions for sustainable development of textiles industry", Oradea, 2012, VOLUME XIII, ISSN 1843 – 813X, pp63-66, 4pg, 2012
<http://textile.webhost.uoradea.ro/Annals/Volume%20XIII%20No%202.pdf>
46. Vlad, D. ,Coldea, A., *The influence of humidity on the tensile strength and breaking elongation of yarns for knitting socks*, Annals Of The Oradea University. Fascicle Of Textile- Leatherwork", International scientific Conference "Innovative solutions for sustainable development of textiles industry", volume XIV, pp 80-86, 7pg, vol, ISSN 1843 –813X, Oradea, 2013,
<http://textile.webhost.uoradea.ro/Annals/Volume%20%20XIV-Nr2-2013.pdf>
47. Vlad, D., Coldea, A., Coman, D., *Study regarding the use of new sustainable textile materials.*, Proceedings ASTR - 2014, Zilele Academiei de Științe Tehnice din România, ediția a 9-a, "Dezvoltarea durabilă favorabilă incluziunii", Universitatea "Lucian Blaga" din Sibiu, Facultatea de Inginerie,, Sibiu, 2014, Buletinul AGIR, anul XX, supliment 2/2015, pg.115-124, ISSN-L 1224-7928, ISSN (online) 2247-3548, B+ CNCSIS <http://www.agir.ro/buletine/2279.pdf>
48. Vlad, D., Coldea, A, *Research Regarding The Influence Of Knitted Fabric Geometry On Air Permeability*, Joint International Conference of Doctoral and Post-Doctoral Researchers, Craiova, 12-13 September 2014, ISBN 978-606-26-0215-4, Vol. 2 : Post-doctoral research within : engineering and exact sciences, ISBN 978-606-26-0217-8, pp 322-330, 9pg, Craiova 2014
49. Vlad ,D., Coldea, A.,*Study regarding yarn tension during knitting on circular machine with small diameter*, Annals of the University of Oradea, Fascicle of textiles, leatherwork, ISSN 1843 – 813X, volume XIV, pp 93-98, 6pg, Oradea 22-23 mai 2015,
<http://textile.webhost.uoradea.ro/Conferinta/2015/index.html>,
<http://textile.webhost.uoradea.ro/Annals/Vol%20XVI-Nr.%201-2015/Art.nr.88-pag.93-98.pdf>
Indexare în: <https://doaj.org/article/cd6fb784c3234da5a4f57f15ddba42f6> GoogleScholar.
50. Vlad D., **Coldea A.**, Iridon A., "Study on the water vapor permeability through geotextiles used in repair /stabilizing roads", Academic Journal of manufacturing engineering, vol. 14, issue 2/202016, ISSN 1583-7904, pp102-106, 5pg, Sibiu 2016
51. **Coldea A.**, Vlad D., „Research regarding the phisical- mechanical properties of knits for garments – part I- abrasion resistance”, 10th International Conference Interdisciplinarity in Engineering, Procedia Engineering 00 (2017) 000–000, available online at www.sciencedirect.com, Targu Mures, INTER-ENG 2016
52. **Coldea A.**, Vlad D - Study Regarding the Physical-Mechanical Properties of Knits for Garments - Pilling Performance, Proceedings of MSE 2017, 8th INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION - MSE 2017 - TRENDS IN NEW

CĂRȚI PUBLICATE

1. Floca, A., *Proiectarea calității produselor tricotate pe mașini circulare cu diametru mic*, Editura Universității Lucian Blaga din Sibiu, ISBN (10) 973-739-325-2 ; ISBN (13) 978-973-739-325-8, 104pg, 2006