

Lista cu lucrări

Cărți:

1. Nedeff Valentin și **Moșneguțu Emilian** – Mașini și instalații pentru protecția factorilor de mediu și prelucrarea și valorificarea deșeurilor, Universitatea din Bacău, 1999;
2. Nedeff Valentin, **Moșneguțu Emilian** și Băisan Ioan – Separarea mecanică a produselor granulometrice și pulverulente din industria alimentară, Ed. TEHNICA-INFO, Chișinău, 2001;
3. **Moșneguțu Emilian**, Panainte Mirela, Savin Carmen, Măcărescu Bogdan și Nedeff Valentin (coordonator) – Separarea amestecurilor de particule solide în curenți de aer verticali, Ed. Alma Mater Bacău, Bacău, 2007, ISBN 978-973-1833-57-6;

Articole științifice:

- publicate în țară:

1. Nedeff Valentin, **Moșneguțu Emilian** – Aspecte generale privind sortarea semințelor (particulelor) pentru diferite destinații, Mecanizarea Agriculturii - București, nr. 7, 1999;
2. **Moșneguțu Emilian**, Nedeff Valentin și Panainte Mirela – The influence of particles density over separation speed, MOCM 7, Bacau, 23.11.2001;
3. **Moșneguțu Emilian**, Nedeff Valentin și Panainte Mirela – The influence of temperature over separation process of particle in air flow, MOCM 7, Bacau, 23.11.2001;
4. Nedeff, Valentin, **Moșneguțu, Emilian**, Savin, Carmen – The condition surface influence and humidity of particles over separation degree in vertical air currents, MOCM 8, Bacău;
5. Nedeff Valentin, **Moșneguțu Emilian**, Panainte Mirela – The form influence of solid particles over separation degree in air currents, MOCM 8, Bacău;
6. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela – Comparative study between particles separation on sieve and on air current, MOCM 9, Bacău, 2003;
7. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela – Study and researching concerning influence of particles dimension on aerodynamically separation, MOCM 9, Bacău, 2003;
8. **Moșneguțu Emilian**, Neculăiasa Vasile, Nedeff Valentin, Panainte Mirela – The determination speeds of float for real particle, MOCM 10, 2004, pag. 78;
- 9.
10. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela, Burcă Genoveva – Influence of particle aerodynamical characteristic over on his speed moved into vertical airflow, MOCM 11, 2005, vol. 2, pag. 223-228;
11. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela – Study and research concerning to influence of particle forms about aerodynamic sorting process, MOCM 11, 2005, pag. 217-222;
12. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela, Savin Carmen – Contribution concerning the aerodynamically sorting to biphase mixture with different concentration of phase, Buletinul Institutului Politehnic din Iași, Ed. Universitatea Tehnică “Gh. Asachi” Iași, Tomul LII (LVI), Fascicula 6C, Secțiunea Construcției de Mașini, ISSN 1011-2855, 2006, pag. 291 – 298;
13. **Moșneguțu Emilian**, Nedeff Valentin, Panainte Mirela, Savin Carmen – The possibility of determination position of a floating solid particle in a air channel with variable section, MOCM 13, vol. 1, 2007, pag. 195 - 200;
14. Panainte Mirela, Dasic Predag, Nedeff Valentin, Moșneguțu Emilian, Savin Carmen - Modalities to determine the energy consumption for the grindin gat vegetables product

with variable texture, MOCM – 13, volumul 1, ISSN 1224-7480, pg. 239- 246 Editura Alma Mater, Bacau

15. **Moşneuguţu Emilian Florin**, Nedeff Valentin, Băisan Ioan, Panainte Mirela, Savin Carmen, Ristea Mihai - Study concerning the forms of solid particles, MOCM 13, vol. 3, 2007, pag. 73- 78;
16. **Moşneuguţu Emilian**, Nedeff Valentin, Panainte Mirela, Savin Carmen, Măcărescu Bogdan - Studies about the influenced of the surface state on a behaviour of solid particles finded into an air flow, 7th INTERNATIONAL MULTIDICIPLINARY CONFERENCE, Baia Mare, Romania, May 17-18, 2007, ISSN-1224-3264, pag. 487 - 494;
17. **Mosnegutu Emilian Florin**, Nedeff Valentin, Panainte Mirela, Savin Carmen - Studies about the influence of the bulk density of solid particles mixture on the process of aerodynamic sort, MOCM – 14/2008, tip B+, vol. 2 ISSN 1224-7480, pag. 190 - 197, Ed. Alma Mater, Bacau;

- articole prezentate la conferinţe sau simpozioane internaţionale:

1. **Moşneuguţu Emilian**, Nedeff Valentin, Ristea Mihail, Panainte Mirela, Savin Carmen - Research on aerodynamic separation of mixtures solids, THE 4th INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS ON MECHANICAL ENGINEERING, Universitatea Tehnică „Gh. Asachi” Iaşi, ISSN 1011 – 2855, iunie 17-18, 2010, pag. 401 – 410.

- articole prezentate la conferinţe sau simpozioane naţionale:

1. **Moşneuguţu Emilian**, Nedeff Valentin, Panainte Mirela, Savin Carmen, Măcărescu Bogdan – Study and researches concerning to aerodynamics sorting of solid particles afther their surface, First edition of the Applied Sciences Symposium (ASS 2007), Ed. Alma Mater, Bacău, ISBN 1843-1003, 2007, pag. 25 – 33;

- publicate în străinătate:

1. **Moşneuguţu Emilian**, Nedeff Valentin, Panainte, Mirela – The influence of mixture coefficient about separation in flow air of heterogeneous mixture gas-solid, Proceedings of the 2nd DAAAM International Conference on Advanced Technologies for Developing Countries, June 25-28, 2003, Tuzla, Bosnia and Herzegovina;
2. **Moşneuguţu, Emilian**, Nedeff, Valentin, Panainte, Mirela – The influence of mixture coefficient about separation in flow air of heterogeneous mixture gas-solid, The 14th International DAAAM Symposium “Intelligent Manufacturing & Automation; Focus on Reconstruct Development”, 22 – 25 October 2003, Sarajevo, Bosnia and Herzegovina;
3. **Mosnegutu Emilian**, Nedeff Valentin and Paniante Mirela – The influence of mixture coefficient over aerodynamically separation process, 8th International Research/Expert Conference “Trends in the Development of Machinery and Associated Technology”, TMT 2004, Neum, Dosnia and Herzeegovina, September 15 – 19, 2004, ISBN 9958-617-18-8;

4. **Moşneguţu** Emilian, Nedeff Valentin, Panainte **Mirela**, Burcă Genoveva – Theoretic study concerning the behavior on solid particle into vertical airflow, 5th International Conference "Research and Development in Mechanical Industry" RaDMI 2005, 04 - 07. September 2005, Vrnjačka Banja, Serbia and Montenegro, pag. 744-747;
5. **Mosnegutu Emilian**, Valentin Nedeff, Mirela Panainte - Studies and researches concerning influence of particles quantity to the pneumatic separation, 9 INTERNATIONAL RESEARCH/EXPERT CONFERENCE "Trends in the development of machinery and associated technology", TMT 2005, 26-30 sept. 2005, Antalya, Turkey, pag. 1383-1386;
6. **Moşneguţu Emilian Florin**, Nedeff Valentin, Pamainte Mirela, Savin Carmen, Măcărescu Bogdan – Studies and researches considering the behavior of solid particles in an air channels with variable section, 3rd International Conference ICQME 2008, pag. 181 – 190.

ARTICOLE PUBLICATE ÎN REVISTE ISI

1. Valentin Nedeff, Emilian Moşneguţu, Mirela Panainte, Carment Savin, Bogdan Măcărescu, Studiul comportării unei particule solide într-un curent de aer vertical ascendent, Revista de Chimie Bucureşti, România, ISSN 0034-7752, Vol 58, Nr. 12/2007, pag. 1285-1290;
2. Nedeff Valentin, **Mosnegutu Emilian**, Panainte Mirela, Savin Carment, Macarescu Bogdan - Researches concerning the aerodynamic sorting of solid particles according to the surface states, REVISTA DE CHIMIE, Vol. 59, nr. 3, Pag. 360-365, mart 2008;