

LISTA LUCRĂRILOR ȘI REALIZĂRILOR ȘTIINȚIFICE

Cristian-Emil MOLDOVEANU

1. LISTA DE LUCRĂRI REPREZENTATIVE:

- 1 **Moldoveanu C.E.**, Giovannini A., Boisson H.C., *Turbulence receptivity of longitudinal vortex-dominated flows*, Lecture Notes in Computational Science and Engineering, Vol. 69, Springer Verlag, Berlin, pp. 227 – 236 (10 pag.), ISBN: 978-3-642-00604-3, **2009**, DOI: https://doi.org/10.1007/978-3-642-00605-0_18 3391;
- 2 **Moldoveanu C.E.**, Moraru F., Șomoiaș P., Boisson H.C., Giovannini A., *Turbulence Modelling Applied to Aircraft Wake Vortex Study*, MTA Review, Volum XXI, nr. 1/ **2011**, ISSN 1843-3391;
- 3 **Moldoveanu C.E.**, Giovannini A., Boisson H.C., Șomoiaș P., *Simulation of Wake Vortex Aircraft in Ground Effect*, INCAS Buletin, Volum 3, nr. 1/**2011**, pp. 55-61, ISSN 2066-8201;
- 4 Giovannini A., Boisson H.C., **Moldoveanu C.E.**, *Effect of Wind Conditions on the Evolution of an Aircraft Vortex Wake Model Near the Ground*, Proceedings of the 6th International Conference on Computational Fluid Dynamics, pp. 94, St. Petersburg, Russia, 12-16 July **2010**;
- 5 **Moldoveanu C.E.**, Buono S., Șomoiaș P., *Study of the Unguided Rocket Effectiveness*, MTA Review, Volum XXVI, nr. 1 / **2016**, pag. 71-80, ISSN 1843-3391, Martie 2016;
- 6 **Moldoveanu C.E.**, Du Parc M., Somoiaș P., *Aspects Regarding the Unguided Rocket Effectiveness*, Review of the Air Force Academy, Brașov, No. 1/**2017**, ISSN 2069-4733;
- 7 **Moldoveanu C.E.**, Șomoiaș P., Tudor V.C., Vedinaș I., *Research Concerning the Oscillations of the Weapons Systems Barrels*, Proceedings of the 16th International Conference-The Knowledge-Based Organization, pp. 83-87, ISSN 1843-6722, **WOS:000297596200013**, Sibiu, 25-27 November **2010**;
- 8 Șomoiaș P., **Moldoveanu C.E.**, *Numerical Research on the Stability of Launching Devices During Firing*, Defence Technology Elsevier Journal, Volum 9, Issue 4, decembrie **2013**, pag. 242-248, ISSN 2214-9147;
- 9 **Moldoveanu C.E.**, Zvîncu N.D., Olar-Pop A.M., Gaden T., *Research Concerning the Security Improvement in the Infantry Shooting Range*, Proceedings of the International Scientific Conference - Defense Technology Forum 2020, Shumen, Bulgaria, October, 2020, ISSN 2367-7902;
- 10 Zvîncu N.D., **Moldoveanu C.E.**, Vedinaș I., *Material Deflection and Bullet Ricochet Determinations for Different Angles of Firing on a Concrete Plate*, Proceedings of the International Scientific Conference - Defense Technology Forum 2020, Shumen, Bulgaria, October, 2020, ISSN 2367-7902;

2. TEZA DE DOCTORAT:

- 1 **Moldoveanu C.E.**, *Simulation des grandes échelles de tourbillons longitudinaux soumis a une turbulence extérieure*, teză de doctorat în co-tutelă franco-română, Institutul Național Politehnic din Toulouse/Academia Tehnică Militară, conducători științifici prof. univ. Henri-Claude BOISSON și gl. mr. (r) prof. univ. dr. ing. Florentin MORARU, 18 Decembrie **2007**, Toulouse, Franța;

3. CĂRȚI ȘI MANUALE PUBLICATE

3.1. Cărți și capitole în cărți de specialitate

- 1 **Moldoveanu C.E.**, *Modélisation et simulation des écoulements turbulents – Simulation des grandes échelles des tourbillons de sillage*, Edition Universitaires Européennes, Saarbrücken, Germania, 222 pag., ISBN: 978-613-1-52198-0, **2010**;
- 2 **Moldoveanu C.E.**, *Modelarea și simularea numerică a siajului turbulent al aeronavelor*, Edition Editura AGIR, București, **2017**, 187 pag., ISBN: 978-973-720-700-5, editură națională;
- 3 Bucur F., **Moldoveanu C.E.**, Rotariu A.N., *Modelarea și simularea fenomenelor aerodinamice cu aplicații în domeniul sistemelor de armament*, Editura Academiei Tehnice Militare Ferdinand I, ISBN 978-973-640-324-8, 140 pag., **2020** ;
- 4 Roșca A., Popa I., Bunea M., Șomoiaș P., **Moldoveanu C.E.**, *Calculul și Construcția Armamentului de Artilerie. Acțiunea Tragerii asupra Gurilor de Foc*, Editura Academiei Tehnice Militare, București, 185 pag., ISBN: 973-8290-55-4, **2002**.

3.2. Manuale didactice

- 1 **Moldoveanu C.E.**, Bucur F., Șomoiaș P., *Aerodinamica proiectilelor, bombelor și rachetelor*, Editura Academiei Tehnice Militare Ferdinand I, ISBN 978-973-640-325-5, 180 pag., **2020**;
- 2 Enache C., **Moldoveanu C.E.**, *Muniții și Focoase de Aviație*, București, Editura Academiei Tehnice Militare, ISBN 978-973-640-250-0, 280 pag., **2016**;

3.3. Îndrumare de laborator

- 1 **Moldoveanu C.E.**, Enache C., *Muniții și focoase de aviație. Îndrumar de laborator*, București, Editura Academiei Tehnice Militare "Ferdinand I", ISBN 978-973-640-294-42018, 92 pag., **2019**;
- 2 Șomoiaș P., **Moldoveanu C.E.**, Bucur F., Mandache A., *Calculul și construcția armamentului de artilerie. Îndrumar de laborator pentru proiectarea legăturilor elastice*, Editura Academiei Tehnice Militare Ferdinand I, ISBN 978-973-640-318-7, 84 pag., **2020**;
- 2 Crețu E., Sava A.C., Vedinaș I., **Moldoveanu C.E.**, *Optică tehnică. Lucrări de laborator*, București, **2017**, 50 pagini, ISBN: 978-973-1944-34-0.

4. ARTICOLE ȘTIINȚIFICE

4.1. Articole publicate în reviste din fluxul științific internațional principal

- 1 Rotariu, A., Trană E., Matache L., Cîrmaci M., Sandu S., **Moldoveanu C.E.**, Bucur F., *Experimental Study on the Dynamic Response of Polyurethane/fly Ash Ceramic Foam*, Materiale Plastice (Mater. Plast.), Year 2021, Volume 58, Issue 1, 106-112, <https://doi.org/10.37358/MP.21.1.5450>, ISSN Print 0025-56289, ISSN Online 2668-8220 (*ISI Web of Knowledge, revistă cotate ISI, factor impact 1,517*);
- 2 Trana E., Rotariu, A.N., Rotariu T., Pulpea, B.G. **Moldoveanu C.E.**, Bucur F., Matache L.C., Gozin M., *Experimental Study on Aluminum Foils Use in Blast Enhancement Application*, Proceedings Of The Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science, Volum 20, Issue 3, iulie-septembrie 2019, pag. 275-282, ISSN 1454-9069 (*ISI Web of Knowledge, revistă cotate ISI, factor impact 1,294, WOS:000485880200008*);
- 3 Șomoiaș P., **Moldoveanu C.E.**, *Numerical Research on the Stability of Launching Devices During Firing*, Defence Technology Elsevier Journal, Volum 9, Issue 4, decembrie 2013, pag. 242-248, ISSN 2214-9147 (*ISI Web of Knowledge, revistă cotate ISI, factor impact 3,172*);
- 4 **Moldoveanu C.E.**, Du Parc M., Șomoiaș P., *Aspects Regarding the Unguided Rocket Effectiveness*, Review of the Air Force Academy, Brașov, No. 1/2017, ISSN 2069-4733 (**BDI: Index Copernicus, EBSCO, SCIPPIO**);
- 5 **Moldoveanu C.E.**, Buono S., Șomoiaș P., *Study of Unguided Rocket Effectiveness*, MTA Review, Volum XXVI, nr. 1/ **March 2016**, pag. 71-80, ISSN 1843-3391 (**BDI: Ulrich, Index Copernicus, CNCSIS**);
- 6 **Moldoveanu C.E.**, Șomoiaș P., Hemelaar O., Aubert M., *Particularities of the Interaction Between the Aircraft Wake Vortices and the Atmospheric Boundary Layer*, Review of the Air Force Academy, Brașov, No. 3/2015, ISSN 2069-4733 (**BDI: Index Copernicus, EBSCO, SCIPPIO**);
- 7 **Moldoveanu C.E.**, Giovannini A., Boisson H.C., Șomoiaș P., *Simulation of Wake Vortex Aircraft in Ground Effect*, INCAS Buletin, Volum 3, nr. 1/2011, pp. 55-61, ISSN 2066-8201 (**BDI: SCIPPIO, Index Copernicus, ProQuest, DUAJ, CNCSIS B**);
- 8 **Moldoveanu C.E.**, Moraru F., Șomoiaș P., Boisson H.C., Giovannini A., *Turbulence Modelling Applied to Aircraft Wake Vortex Study*, MTA Review, Volum XXI, nr. 1/ **2011**, ISSN 1843-3391 (**BDI: Ulrich, Index Copernicus, CNCSIS**);
- 9 **Moldoveanu C.E.**, Giovannini A., Boisson H.C., *Turbulence receptivity of longitudinal vortex-dominated flows*, Lecture Notes in Computational Science and Engineering, Vol. 69, Springer Verlag, Berlin, pp. 227 – 236 (10 pag.), ISBN: 978-3-642-00604-3, 2009, DOI: https://doi.org/10.1007/978-3-642-00605-0_18 3391 (**BDI: SpringerLink**);
- 10 Goga D.A., Țigănescu T.V., Pulpea B., **Moldoveanu C.E.**, Rotaru C., *A Quantitative Method of Comparative Assessment of Primers Ignition Performances*, Journal Advances in Military Technology, Vol. 12, No. 2(**2017**), pp. 217-228, Brno, ISSN 1802-2308, DOI 10.3849/aimt.01185(**BDI: SCOPUS**);
- 11 Sava A.C., **Moldoveanu C.E.**, Șomoiaș P., Nistoran D.G., *Study of the Effect of 7.62 mm Caliber Ammunition, on Concrete. Comparative Analysis between Eastern and Western Types Ammunition*, MTA Review, Bucharest, Volum XXVI, nr. 1, pag., 13-18, **March 2016**, ISSN 1843-3391 (**BDI: Ulrich, Index Copernicus, CNCSIS B+**).

- 12 Nuțu V., **Moldoveanu C.E.**, *Study on Percussive Operation of a Plan Mechanism with Perpendicular Displacements*, MTA Review, Bucharest, Volum XXIV, nr. 4, **December 2014**, ISSN 1843-3391 (**BDI: Ulrich, Index Copernicus, CNCSIS B+**).
- 13 Nuțu V., **Moldoveanu C.E.**, Șomoiaș P., *A method and an algorithm for obtaining the Stable Oscillatory Regimes Parameters of the Nonlinear Systems, with two time constants and Relay with Delay and Hysteresis*, WSEAS Transactions on Systems and Control, Issue 8, Volume 4, **august 2009**, pp. 413-422, ISSN 1991-8763 (**BDI: Engineering Village, Compendex, ACM Citation**);
- 14 Șomoiaș P., Moraru F., Safta D., **Moldoveanu C.E.**, *A Mathematical Model for the Motion of a Rocket-Launching Device System on a Heavy Vehicle*, WSEAS Transactions on Applied and Theoretical Mechanics, Issue 4, Volume 2, pp. 95-101, ISSN 1991-8747 **august 2007**, (**BDI: INSPEC, Engineering Village, CSA, British Library, STN**);
- 15 Șomoiaș P., Safta D., Moraru F., **Moldoveanu C.E.**, *A Scheduling Algorithm for the Motion of a Rocket-Launching Device System on a Heavy Vehicle*, WSEAS Transactions on Applied and Theoretical Mechanics, Issue 4, Volume 2, pp. 102-107, ISSN 1991-8747, **august 2007**, (**BDI: INSPEC, Engineering Village, CSA, British Library, STN**);
- 16 Șomoiaș P., **Moldoveanu C.E.**, *Research Concerning the Calculation of the Launching Device Oscillations During the Launch, by Numerical and Experimental Methods*, MTA Review, Volum XVII, nr. 2/2007, ISSN 1843-3391 (**BDI: Ulrich, Index Copernicus, CNCSIS B+**).

4.2. Publicații apărute în lucrări ale principalelor conferințe internaționale de specialitate

- 1 **Moldoveanu C.E.**, Safta D., Șomoiaș P., *Analyze of the Counter-Rotating Vortices Pair Stability under the External Turbulence Influence*, Lecture Notes in Engineering and Computer Science, The 2008 International Conference of Mechanical Engineering, Volume II, pp. 1463-1467, ISBN 978-988-17012-3-7, **WOS:000259580600272**, London, United Kingdom, 2-4 July **2008**;
- 2 **Moldoveanu C.E.**, Șomoiaș P., Tudor V.C., Vedinaș I., *Research Concerning the Oscillations of the Weapons Systems Barrels*, Proceedings of the 16th International Conference-The Knowledge-Based Organization, pp. 83-87, ISSN 1843-6722, **WOS:000297596200013**, Sibiu, 25-27 November **2010**;
- 3 **Moldoveanu C.E.**, Edu I.R., Rotariu T., Andruseac G. *The Impact of Erasmus Mobility on Military Technical Higher Education*, Proceedings of the 9th International Technology, Education and Development Conference, INTED 2015, pp. 4233-4238, ISSN 2340-1079, ISBN: 978-84-606-5763-7, **WOS:000398586304036**, Madrid, Spain, 2-4 March **2015**;
- 4 Sava A.C., Nistoran D., **Moldoveanu C.E.**, Piticari L., *The analysis of the vibratory movement of the gun barrel and its influence on the firing accuracy*, Proceedings of the 21st International Conference The Knowledge Based Organization, Sibiu, June, **2015**, DOI:10.1515/kbo-2015-0150, ISSN: 1843-6722, pag. 883-887, (**ISI Web of Knowledge, WOS:000379493200150**);
- 5 Șomoiaș P., **Moldoveanu C.E.**, *The Numerical Simulation for the Determining of the Oscillations witch Appear in Launching Site During Firing*, Proceedings of the 16th International Conference-The Knowledge-Based Organization, Applied Technical Sciences and Advanced Military Technologies, pp. 136-142, ISSN 1843-6722, **WOS:000297596200022**, Sibiu, 25-27 November **2010**;
- 6 Răducanu D., Nedelcu I., Safta D., **Moldoveanu C.E.**, Șomoiaș P., *Particularity Concerning Evaluation of Unguided Rocket Trajectories Deviation under the Disturbance Factors Action*, Lecture Notes in Engineering and Computer Science, The 2009 International Conference of Mechanical Engineering, Volume II, pp. 1458-1462, ISBN 978-988-17012-5-1, **WOS:000271615700271**, Londra, UK, 1-3 July **2009**;
- 7 Șomoiaș P., **Moldoveanu C.E.**, *Air and Ballistic Missile Defense Systems*, Proceedings of the 15th International Scientific Conference - Knowledge Based Organization, Section 5 – Applied Technical Sciences and Advanced Military Technologies, pp. 298-300, ISSN 1843-6722, **WOS:000277288700058**, Land Forces Academy, Sibiu, 26-28 November **2009**;
- 8 Nuțu V., **Moldoveanu C.E.**, Șomoiaș P., *Some Aspects of the Oscillatory Regime of Nonlinear Systems with Relay and Delay Time*, Control, Modelling & Simulation, Proceedings of the 11th International Conference on Automatic Control, Modelling and Simulation (ACMOS'09), pp. 395-400, ISSN 1790-5117, ISBN 978-960-474-082-6, **WOS:000271276800059**, Istanbul, Turkey, 30 May - 01 June **2009**;
- 9 Nuțu V., **Moldoveanu C.E.**, Șomoiaș P., *A Method for Calculus of Oscillatory Regime Parameters for Systems which Include a Nonlinear Parts Inside of Controlled Plant*, Control, Modelling & Simulation, Proceedings of the 11th International Conference on Automatic Control, Modelling and Simulation (ACMOS'09), pp.401-406, ISSN 1790-5117, ISBN 978-960-474-082-6, **WOS:000271276800060**, Istanbul, Turkey, 30 May-01 June **2009**;

- 10 Şomoiaş P., Safta D., **Moldoveanu C.E.**, *Particularity of the Rocket Movement upon the Launcher under the Disturbance Factors Action which Appear During the Firing*, Lecture Notes in Engineering and Computer Science, The 2008 International Conference of Mechanical Engineering, Volume II, pp. 1396-1401, ISBN 978-988-17012-3-7, **WOS:000259580600260**, Londra, UK, 2-4 July **2008**;
- 11 Şomoiaş P., **Moldoveanu C.E.**, Surdu G., *Studies Concerning the Evaluation of Trajectories Deviations Caused by the Perturbations Made when the Rocket Leaves the Rocket Launcher System*, Proceedings of the International Conference on Military Technologies 2007, pp. 146 -154, ISBN 978-80-7231-238-2, **WOS:000263292800021**, Brno, Czech Republic, 2-4 May, **2007**;
- 12 **Moldoveanu C.E.**, Şomoiaş P., Ferrier P., Daude H., *Mathematical Models used to Study the Aircraft Wake Vortices*, International Conference of Scientific Papers „Scientific Research and Education in the Air Force”, AFASES 2013, Braşov, 23-25 May **2013**, (**BDI:EBSCO, Index Copernicus**);
- 13 **Moldoveanu C.E.**, Şomoiaş P., *Considerations on the Mathematical and Numerical Modeling of the Longitudinal Vortices*, pp. 699-706, Proceedings of the 12th International Conference of Scientific Papers „Scientific Research and Education in the Air Force”, AFASES 2010, „Henri Coanda” Air Force Academy, pp. 699-706, ISBN 978-973-8415-76-8, Brasov, 27-29 May **2010**, (**BDI:EBSCO, Index Copernicus**);
- 14 Surdu G., **Moldoveanu C.E.**, Şomoiaş P., *PROTECH “In House” Software an Alternative for Projectile’s Drag Coefficient Evaluation in Case of Small Tollerances of its Geometrical Dimensions*, Proceedings of the 18th International Conference „Scientific Research and Education in the Air Force”, AFASES 2016, „Henri Coanda” Air Force Academy, Vol. I, pp. 67-76, ISSN, ISSN-L: 2247-3173, DOI: 10.19062/2247-3173.2016.18.1.9, Brasov , 26-28 May **2016**, (**BDI:EBSCO, Index Copernicus**);
- 15 Şomoiaş P., **Moldoveanu C.E.**, *Numerical and Experimental Study of the Launching Device Oscillations During the Launch*, Proceedings of the 12th International Conference of Scientific Papers „Scientific Research and Education in the Air Force”, AFASES 2010, „Henri Coanda” Air Force Academy, pp. 743-750, ISBN 978-973-8415-76-8, Brasov , 27-29 May **2010**, (**BDI:EBSCO, Index Copernicus**);
- 16 **Moldoveanu C.E.**, Zvîncu N.D., Olar-Pop A.M., Gaden T., *Research Concerning the Security Improvement in the Infantry Shooting Range*, Proceedings of the International Scientific Conference - Defense Technology Forum 2020, Shumen, Bulgaria, October, **2020**, ISSN 2367-7902;
- 17 **Moldoveanu C.E.**, *Instability Mechanisms of the Aircraft Wake Vortices*, Proceedings of the International Scientific Conference - Defense Technology Forum 2018, Shumen, Bulgaria, October, **2018**, ISSN 2367-7902;
- 18 **Moldoveanu C.E.**, Şomoiaş P., Thiaux A., Chavannes S., Dimitrova M., *Numerical researches of the unguided rocket launching device oscillations for obtaining the optimal firing order*, 22nd International Scientific Conference ARMAMENT AND TECHNICS OF LAND FORCES 2016, Liptovsky Mikulas, Slovakia, 10-11 noiembrie **2016**;
- 19 **Moldoveanu C.E.**, Şomoiaş P. , Isac T., *Ballistic calculator for fire control used for anti-tank firings executed from mobile systems*, International Scientific Conference 2016 Defense Technology Forum 2016, Shumen, Bulgaria, 6-7 octombrie **2016**;
- 20 **Moldoveanu C.E.**, Şomoiaş P., Buono S., Ben-Lisa A., *Researches concerning the aerodynamic and ballistic performances of an unguided missile*, Proceedings of the 2nd Edition of The New Challenges in Aerospace Sciences International Conference, NCAS 2015, Bucharest, 5-6 November **2015**;
- 21 **Moldoveanu C.E.**, Buono S., Şomoiaş P., *Research concerning the unguided rocket effectiveness*, Proceedings of the International Scientific Conference - Defense Technology Forum 2015, Shumen, Bulgaria, October, **2015**;
- 22 **Moldoveanu C.E.**, Şomoiaş P., Vedinaş I., Ferrier P., *Researches Concerning Aircraft Wake Vortex*, 1st International Conference New Challenges in Aerospace Sciences "NCAS 2013", Bucharest, 7-8 November **2013**;
- 23 **Moldoveanu C.E.**, Boisson H.C., Giovannini A., *Receptivity of a Longitudinal Contrarotating Vortices in an External Flow: a Numerical Experimentation*, Conference on Boundary and Interior Layers, BAIL 2004, Toulouse, France, 5-9 July **2004**;
- 24 Zvîncu N.D., **Moldoveanu C.E.**, Vedinaş I., *Material Deflection and Bullet Ricochet Determinations for Diferent Angles of Firing on a Concrete Plate*, Proceedings of the International Scientific Conference - Defense Technology Forum 2020, Shumen, Bulgaria, October, **2020**, ISSN 2367-7902;
- 25 Surdu G., **Moldoveanu C.E.**, Şomoiaş P., *Researches on projectile’s drag coefficient evaluation in case of small tolerances of its geometrical dimensions*, International Scientific Conference 2016 Defense Technology Forum 2016, Shumen, Bulgaria, 6-7 octombrie **2016**;

- 26 Şomoiaş P., **Moldoveanu C.E.**, Buono S., *Mathematical model for computing the unguided rocket trajectories*, Proceedings of the International Scientific Conference - Defense Technology Forum 2015, Shumen, Bulgaria, October, **2015**;
- 27 Şomoiaş P., Vedinaş I., **Moldoveanu C.E.**, Daude H., *Evaluation of Unguided Missile Trajectories Deviations*, 1st International Conference New Challenges in Aerospace Sciences "NCAS 2013", Bucharest, 7-8 November **2013**;
- 28 Şomoiaş P., **Moldoveanu C.E.**, Daude H., Ferrier P., *Particularities of Ballistic Performances for Unguided Rockets* 19th International Scientific Conference, Knowledge Based Organization, KBO 2013, Land Forces Academy, Sibiu, 13-15 June **2013**;
- 29 Giovannini A., Boisson H.C., **Moldoveanu C.E.**, *Effect of Wind Conditions on the Evolution of an Aircraft Vortex Wake Model Near the Ground*, Proceedings of the 6th International Conference on Computational Fluid Dynamics, pp. 94, St. Petersburg, Russia, 12-16 July **2010**;
- 30 Şomoiaş P., Nuşu V., **Moldoveanu C.E.**, *Theoretical and Experimental Researches Concerning Launching Devices Stability during Firing*, Proceedings of the 7th EUROMECH Solid Mechanics Conference, ESMC2009, ISBN 978-989-96264-2-3, Lisboa, Portugal, 7 – 11 September **2009**;
- 31 Şomoiaş P., **Moldoveanu C.E.**, *A Mathematical Model for Launcher's Oscillation Determination Durig the Firing*, The 36th International Scientific Symposium of the Military Equipement & Technologies Research Agency, Bucharest, May 26 - 26 **2005**;
- 32 Nuşu V., Postolea D., Şomoiaş P., **Moldoveanu C.E.**, *Individual Electronic Calculus Means for Artillery Shooting*, IIIrd International Symposium on Defence Technology, Department of Weapon System, Bolyai Janos Military Technical College, ISSN 1416-1443, Budapest, Hungary, 19-20 April **2004**;
- 33 Nuşu V., **Moldoveanu C.E.**, *The Estimation Sensor's Precision Influence About Precision of Air-Air Shooting*, The 30th Internationally Attended Conference Modern Technologies in the XXI Century, Military Technical Academy, Bucharest, 06 – 07 November **2003**;
- 34 Nuşu V., **Moldoveanu C.E.**, *Considerations about the Dynamic of Target Tracking in Air-Air Shooting*, The 30th Internationally Attended Conference Modern Technologies in the XXI Century, Military Technical Academy, Bucharest, 06 – 07 November **2003**;
- 35 Nuşu V., **Moldoveanu C.E.**, *Consideration about Solving Possibility of the Sighting Problem in Air to Air Combat Using Unguided Artillery Weapons*, „IVth International Armament Conference on Scientific Aspects of Armament Technology”, Waplewo, Pologne, 9 – 11 October **2002**;
- 36 Postolea D., Nuşu V., **Moldoveanu C.E.**, *Studies Regarding the Consumption of Ammunition at Effect Firing*, The 33rd International Scientific Symposium of the Military Equipement and Technology Research Agency, ACTTM, Bucharest, 23-24 May **2002**;
- 37 Postolea D., Nuşu V., **Moldoveanu C.E.**, *Individual Electronic Means of Calculation for Artillery Shooting*, The 33rd International Scientific Symposium of the Military Equipement and Technology Research Agency, ACTTM, Bucharest, 23 – 24 May **2002**;

4.3. Alte lucrări

- 1 **Moldoveanu C.E.**, *Management of the Internationalization Process in the Technical Military Higher Education Institutions*, The 1st International Conference on Methods for Effective Management and Research in Higher Education, Bucureşti, 28 noiembrie **2016**;
- 2 **Moldoveanu C.E.**, *Particularities of the Internationalisation Process in the Technical Military Higher Education Institution*, Erasmus Congress and Exhibition-ERACON 2017, Maribor, Slovenia, 09-13 mai **2017**;
- 3 **Moldoveanu C.E.**, *The impact of Erasmus+ program on the Military Technical Higher Education*, Erasmus Congress and Exhibition – ERACON 2016, Salonic, Grecia, 10-14 mai **2016**;
- 4 **Moldoveanu C.E.**, Şomoiaş P., Sava A.C., *Cercetări asupra caracteristicilor jetului de gaze reactiv supersonic*, Conferinţa Naţională Sisteme Energetice şi Balistice, SEB 2013, Military Technical Academy, Bucharest, 19-20 September **2013**;
- 5 **Moldoveanu C.E.**, Şomoiaş P., *Modelarea siajului aeronavelor*, Conferinţa Naţionala multidisciplinara - cu participare internaţională - “Profesorul Ion.D. Lăzărescu-fondatorul şcolii româneşti de teoria aşchierii”, Cugir, 20 September **2013**;
- 6 **Moldoveanu C.E.**, Boisson H.C., Giovannini A., *Considérations sur la modélisation mathématique et numérique des tourbillons longitudinaux*, 31st Internationally Attended Conference Modern Technologies in the XXI Century, Academia Tehnica Militara, Bucuresti, 3-4 noiembrie **2005**;

- 7 Moraru F., Cocosila L.C., **Moldoveanu C.E.**, *Sur la détermination de la portance d'une aile avec incidence variable en envergure (II)*, MTA Review, Volum XIV, nr. 1/**2004**, ISSN 1453-259X;
- 8 Moraru F., **Moldoveanu C.E.**, Cocosila L.C., *Sur la détermination de la portance d'une aile avec incidence variable en envergure (I)*, MTA Review, Volum XIII, nr. 3/**2003**, pp. 19-30, ISSN 1453-259X.
- 9 Şomoiaş P., **Moldoveanu C.E.**, *Calculul oscilațiilor instalației de lansare pe timpul tragerii*, Conferința Națională multidisciplinară - cu participare internațională - "Profesorul Ion.D.Lăzărescu – fondatorul școlii românești de teoria așchierii", Cugir, 20 septembrie **2013**;
- 10 Şomoiaş P., **Moldoveanu C.E.**, Sava A.C., *Cercetări privind influența ejectorului de gaze asupra parametrilor balistici la tragerile cu tunul de pe tanc*, Conferința Națională Sisteme Energetice și Balistice, SEB 2013, Military Technical Academy, Bucharest, 19-20 September **2013**;
- 11 Surdu G., Slămnoiu G., Şomoiaş P., Ciuculin A., **Moldoveanu C.E.**, *Instrumente software realizate „in-house” pentru evaluarea teoretică a parametrilor balistici*, Conferința Națională Sisteme Energetice și Balistice, SEB 2013, Military Technical Academy, Bucharest, 19-20 September **2013**;
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Semnătura

