

LISTA DE LUCRĂRI

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6.5 „Considerații asupra preciziei arborilor principali la strunguri" Glăvan Dan autor unic Publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad,mai, 1992, secț. Mașini Unelte

6.6 „Posibilități de estimare a rigidității statice a batiurilor de strung" Glăvan Dan, Redac Teodor Publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad,mai, 1992, secț. Mașini Unelte

6.7 „Studiul asupra structurilor de strunguri mici" Glăvan Dan autor unic Publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad,mai, 1992, secț. Mașini Unelte

6.8 „Ghidaje prismatice sau circulare de strunguri" Glăvan Dan publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad,mai, 1996, Secțiunea I.1

6.9 „Studii comparative asupra rigidității statice la strunguri" Glăvan Dan, Radu Ioan,Nitu Adrian publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad,mai, 1996, Secțiunea I.1

6.10 Structuri noi in condițiile copierii si a comenzii adaptive la strunguri Dan Glavan 1999 Universitatea "Politehnica" Timisoara

- 6.11 „Ghidajele circulare și precizia lor” Glăvan Dan, Babanatsas Theoharisautor publicată în cadrul Sesiunii de Comunicări Științifice a Universității “Aurel Vlaicu” Arad, mai, 2000
- 6.12 „Sisteme de comandă în cazul comenzii adaptive și a copierii” Glăvan Dan, Babanatsas Theoharis publicată în cadrul Sesiunii de Comunicări Științifice a Universității “Aurel Vlaicu” Arad, mai, 2000
- 6.13 Condiția de difracție a razelor x Dan Glavan, Rodica Glavan Conferința 30 de Ani de Invatamint Superior de Stat in Arad 2002
- 6.14 Copierea în condițiile comenzii adaptive D Glăvan, I Radu, B Theoharis Sesiunea anuală cu participare internațională IMT Oradea, 2002
- 6.15 Experimentarea regimului variabil și a comenzii adaptive D Glăvan, B Theoharis Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002
- 6.16 Tehnologia de realizare a ghidajelor circulare D Glăvan, B Theoharis Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002
- 6.17 Considerații asupra formei ghidajelor la strunguri D Glăvan, I Radu Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002
- 6.19 Utilizarea sistemelor de comandă în cazul comenzii adaptive și a copierii D Glăvan, I Radu Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002
- 6.20 Sisteme robotizate în agricultură D Glăvan, B Theoharis Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002
- 6.21 „Stress distribution on cylindrical slides in the longitudinal cross section” D Glăvan, I Radu Godollo/Hungary 15-16 January 2002 HUNGARIAN ACADEMY of SCIENCES
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- 6.25 „Study of line system for vibromoothing device D.N.6-1” Glăvan Dan, Radu Ioan Nitra/Slovacia 29-30.05.2002
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- 6.31 „Command system for lathes with numerical controls” Glăvan Dan, Radu Ioan, Mortoiu Doina, Adrian But Quality and reability of machines 27-28. 05. 2003, NITRA. Slovacia. ISBN 80-8069-195-9

- 6.32 „About the splinters forces at honing proceeding” Glăvan Dan, Radu Ioan, Mortoiu Doina, Adrian But Quality and reability of machines 27-28. 05. 2003, NITRA. Slovacia. ISBN 80-8069-195-9
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- 6.36 „Study of influence supplying channels and eviting channels with compressed air for oscilation system pneumatical with two masses” Glăvan Dan, Radu Ioan, Mortoiu Doina Quality and reability of machines 26-27. 05. 2003, NITRA. Slovacia. . ISBN 80-8069-369-2
- 6.37 „Study of cylindrical slides in longitudinal cross section” Glăvan Dan+1autor Quality and reability of machines 26-27. 05. 2004, NITRA. Slovacia. . ISBN 80-8069-369-2
- 6.38 „Contributions to the concept of an olive harvesting robot” Dan Glăvan, Babanatsas Theoharis Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.39 „Harvesting methods and necessity of harvesting robot.” Dan Glăvan, Babanatsas Theoharis Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.40 „Considerente noi în cazul comenzii adaptive și a copierii” Dan Glăvan, Babanatis Theoharis Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.41 „Studiul asupra formelor ghidajelor” Dan Glăvan, Babanatsas Theoharis Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.42 „PROTOTYPING METHODS FOR CONSTRUCTION OF PHYSICAL OBJECTS USING SOLID FREEFORM FABRICATION. „ Dan Glăvan, Babanatis Theoharis, Mortoiu Doina, Gal Lucian Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.43 „BUILDING COLOR PHYSICAL MODELS DIRECTLY FROM CAD DATA USING PROTOTYPING METHODS.” Dan Glăvan Babanatis Theoharis, Mortoiu Doina Symposium Research and Education in Innovation Era, 3rd Ed., Section Engineering, Arad – 2008 ISSN 1842-9718.
- 6.44 „STUDY ON IMPROVING PERFORMANCE PETROL SUPERCHARGED ENGINES” Dan GLĂVAN, Babanatis Theoharis, Mortoiu Doina, Igret Sorin International Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012
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- 6.47 „BUILDING PHYSICAL MODELS. 3D PRINTING VS CONVENTIONAL TECHNOLOGIES” Glăvan Dan, Babanatis Theoharis, Nortoiu Doina Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012
- 6.48 „CORRECTION IN REAL TIME USING MAGNETO-STRICTIVE ENGINES IN MANUFACTURING ” Glavan Dan Theoharis, Babanatsas; Babanatis, Merce, Roxana, Mihaela ISREIE UAV 2014

- 6.49 „SENSORIAL SYSTEM FOR PROCESS” Glavan Dan Theoharis, Babanatsas; Babanatis, Merce, Roxana, Mihaela ISREIE UAV 2014
- 6.50 SIMULATE OF SHAKING FORCES ON 3D OLIVE TREE MODEL GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis International Conference ISREE (2016) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.51 STUDY OF AN AUTOMATIC SELECTION SYSTEM OF OLIVES GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis International Conference ISREE (2016) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.52 AD HOC SYSTEM FOR POSITIONING IN SPORTS ALTERNATIVE SOLUTIONS GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis International Conference ISREE (2016) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.53 STUDY OF MOLDED OR WELDED BEDFRAME BEHAVIOR ON A LATHE GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis International Conference ISREE (2016) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.54 STUDY OF AN AUTOMATIC SELECTION SYSTEM OF OLIVES GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis International Conference ISREE (2016) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.55 PRECISE POSITIONING OF AUTONOMOUS AGRICULTURAL VEHICLES USING AD HOC SYSTEM Dan GLAVAN; Theoharis BABANATSAS; Roxana Mihaela BABANATIS MERCE; Monica SZABO International Conference ISREE (2018) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.56 HEATING AND LIGHTING CONTROL IN OLIVE DEPOSITE Dan GLAVAN ; Roxana Mihaela BABANATIS MERCE ; Theoharis BABANATSAS ; Rodica Adriana GLAVAN International Conference ISREE (2018) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.58 SIMULATION OF NATURAL VENTILATION OF A AGRICULTURAL WAREHOUSE BUILDING MERCE Roxana, Mihaela, BABANATIS, GLAVAN Dan, BABANATSAS Theoharis, GLAVAN Rodica, Adriana, SZABO Monica International Conference ISREE (2018) University „Aurel Vlaicu” of ARAD, Mechanical Engineering
- 6.59 3D MODELING OF THE SHAKING FORCES OF OLIVE TREE Theoharis BABANATSAS; Dan GLAVAN; Roxana Mihaela BABANATIS MERCE; Monica SZABO; Andrei KOMJATY; Adriana MOTICA International Conference ISREE (2018) University „Aurel Vlaicu” of ARAD, Mechanical Engineering

7. Brevete de inventie

7.1 [Lead screw type machine tool carriage feeder|consists of transverse and longitudinal combined drive](#)

Patent Number: RO104108-A Patent Assignee: INTR MASINI UNELTE ARAD
 Inventor(s): GLAVAN D O. International Patent Classification B23B-021/100 Derwent class Code :P54(metal milling ,machining, electroworking)
http://apps.webofknowledge.com/full_record.do?colName=DIIDW&recordID=1993173484&og_event=no&search_mode=GeneralSearch&qid=14&log_event=yes&product=UA&SID=F36JuiPaicURurpkM9P&viewType=fullRecord&doc=27&page=3

7.2 [Lead screw type machine tool carriage feeder|consists of transverse and longitudinal combined drive](#)

Patent Number: RO104108-A Patent Assignee: INTR MASINI UNELTE ARAD
 Inventor(s): **GLAVAN D O**. International Patent Classification B23B-021/100
 Derwent class Code :P54(metal milling ,machining, electroworking)
http://apps.webofknowledge.com/full_record.do?colName=DIIDW&recordID=1993173483&og_event=no&search_mode=GeneralSearch&qid=14&log_event=yes&product=UA&SID=F36JuiPaicURurpkM9P&viewType=fullRecord&doc=28&page=3

7.3 [Lead screw type machine tool carriage feeder|consists of transverse and longitudinal combined drive](#)

Patent Number: RO104107-A Patent Assignee: INTR MASINI UNELTE ARAD
 Inventor(s): **GLAVAN D O** International Patent Classification B23B-021/100
 Derwent class Code :P54(metal milling ,machining, electroworking)

[h8.1](#)

http://apps.webofknowledge.com/full_record.do?colName=DIIDW&recordID=1993173482&lo

g_event=no&search_mode=GeneralSearch&qid=14&log_event=yes&product=UA&SID=F36JuiPaicURurpkM9P&viewType=fullRecord&doc=29&page=3

7.4 Brevet inovatie MIET Dispozitiv de antrenare a hirtiei pentru imprimante matriceale Glavan Dan

8. Contracte de cercetare

Director

8.1 Contracr nr 471-2004 Studiul stabilității statice a strungului SN 400.3 beneficiarS.C. Aris Arad S.A. , 1 an, valoare 100.000.000 RON=10.000 RON aprox 12.500 EURO

8.2 Contract nr 475-1996 Studiul stabilității statice a strungului SP 250 CNC beneficiarS.C. Aris Arad S.A., 1 an , valoare 100.000.000 RON=10.000 RON aprox 12.599 EURO

8.3 Contract nr 141-2006 Păpușă mobilă cu acționare electromecanică pentru strungul SU 400 CNC beneficiarS.C. Aris Arad S.A., 2 ani, 14.500.000 RON=1.450 RON aprox 1.800 EURO

8.4 Contract nr 142-2005 Turelă cu acționare electromecanică pentru strungul SU 400 CNC beneficiarS.C. Aris Arad S.A., 2 ani, valoare 12.000.000 RON=1.250 RON aprox 1.600 EURO

8.5 Contract nr 143-2005 Minifreză tip școală cu CNC beneficiarS.C. Aris Arad S.A. , 2 ani , valoare 13.599.000 RON=1.359,9 RON aprox 1.700 EURO

Membru în echipă

1, POCU/379/6/21, *EDUBUSINESS* "Invata safii Antreprenor pentru Viitor! Imbunafirea calitatii ofertelor educative si a competentelor cadrelor didactice in domeniul antreprenoriatului in vederea cresterii accesului participantilor la invatamant tertiar in conditii de echitate si eficienta sociala si promovarea unei culturi educationale antreprenoriale in domeniile competitive de interes regional" Responsabil grup tinta studenti expert intre 5 - 10 ani COD SMIS 125150

cod: PN-III-P2-2.1-PTE-2016-0217

2, Contract de finantare pentru executie proiecte: nr 28PTE/06.11.2016

Titlul: Instalatie demonstrativă pentru o tehnologie inovativă de topire a cânepii
valoare totala: 1.779.682,00 lei , din care UAV: 518001 lei
durata 24 luni

3, Dispozitiv de transfer de masa in procesul de albire contract 5034C/1993 beneficiar
Ministerul Invatamintului, Directia Cercetare si Doctorat membru colectiv cercetare, valoare
5.800 RON , 3 ani

4, POSDRU/135/5.2/S/128939 Progres Rural Regiune Vest si Nord Ves, durata ani
Parteneri: UAV aprilie 2014 septembrie 2015-1,5 ani

5, POSDRU/124/5.1/S/131980 Re-activ pe piata muncii durata ani Parteneri :UAV aprilie 2014 septembrie 2015-1,5 ani

6, POSDRU /160/2.1/S/138850 Studentul consiliat-excelent viitor angajat 2 ani

7, POSDRU 189/2.1/g/156607 CONPRACTIS