

I. TRATATE, MANUALE, CURSURI, ÎNDRUMĂTOARE, CULEGERI DE PROBLEME (pentru uzul studenților)

Nr. cr.	TITLUL LUCRĂRII	AUTORI	EDITURA/LITOGRAFIA ANUL APARIȚIEI	NR. PAG.
1.	Compunerea și construcția mașinilor unelte	Glăvan Dan Babanatsas Theoharis	Edy Optic LTD 2002 ISBN 973-99086-8-3	255
2.	Instalații de ridicat și transportat. Mașini mobile pentru transporturi interioare	Babanatsas Theoharis	Editura Promun 2010 ISBN 978-606-8196-16-8	150
3.	Îndrumătorul Stivoituristului	Babanatsas Theoharis	Editura Promun 2010 ISBN 978-606-8196-16-9	153
4.	Instalații de ridicat și stivuitoarele. Îndrumător practic	Babanatsas Theoharis	Editura Promun 2013 ISBN 978-648-8455-18-7	144
5.	Stivuitoarele. Curs practic	Babanatsas Theoharis	Editura Promun 2013 ISBN 978-648-8455-18-8	102
6.	CAM - STRUNJIRE	Dan Ovidiu Glavan Babanatsas Theoharis	Editura Universității "Aurel Vlaicu", Arad – 2013 ISBN 978-973-752-711-0	144
7.	CAM - FREZARE	Dan Ovidiu Glavan Babanatsas Theoharis	Editura Universității "Aurel Vlaicu", Arad – 2013 ISBN 978-973-752-714-1	188
8.	PROIECTAREA ASISTATĂ DE CALCULATOR	Dan Ovidiu Glavan Babanatsas Theoharis	Editura Universității "Aurel Vlaicu", Arad – 2014 ISBN 978-973-752-712-7	156
9.	Bazele generării suprafețelor pe mașini-unelte	Babanatsas Theoharis Dan Ovidiu Glavan	Editura Universității "Aurel Vlaicu", Arad – 2015 ISBN 978-973-752-731-8	80

II. LUCRĂRI ȘTIINȚIFICE PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE ȘI NAȚIONALE

Nr. cr.	TITLUL LUCRĂRII	AUTORI	EDITURA/LITOGRAFIA ANUL APARIȚIEI	NR. PAG.
1.	Ghidajele circulare și precizia lor	D. Glăvan T. Babanatsas	publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad, mai, 2000 ISSN 1582-3393	5
2.	Sisteme de comandă în cazul comenzii adaptive și a copierii	Glăvan Dan Babanatsas T.	publicată în cadrul Sesiunii de Comunicări Științifice a Universității "Aurel Vlaicu" Arad, mai, 2000 ISSN 1582-3393	4

3.	Copierea în condițiile comenzii adaptive	Glăvan Dan Babanatsas T.	Sesiunea anuală cu participare internațională IMT Oradea, 2002 ISSN 1345-2155	6
4.	Sisteme de copiere	Glăvan Dan Babanatsas T.	SIMPOZIONUL ȘTIINȚIFIC INTERNAȚIONAL “UNIVERSITARIA ROPET 2002” Petroșani 2002	4
5.	Studiul regimului variabil și a comenzii adaptive	Glăvan Dan Babanatsas T.	SIMPOZIONUL ȘTIINȚIFIC INTERNAȚIONAL “UNIVERSITARIA ROPET 2002” Petroșani 2002	6
6.	Contributions to the concept and manufacture of a dive harvesting robot	Babanatsas T. Glăvan Dan	Conferința națională de robotică, Craiova 17-19 oct.2002	6
7.	Experimentarea regimului variabil și a comenzii adaptive	Glăvan Dan Babanatsas T.	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	6
8.	Tehnologia de realizare a ghidajelor circulare	Glăvan Dan Babanatsas Theoharis	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	8
9.	Considerații asupra formei ghidajelor la strunguri	Glăvan Dan Babanatsas Theoharis	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	10
10.	Utilizarea sistemelor de comandă în cazul comenzii adaptive și a copierii	Glăvan Dan Babanatsas Theoharis	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	10

11.	Sisteme robotizate în agricultură	Glăvan Dan Babanatsas Theoharis	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	8
12.	Sisteme robotizate de bunuri materiale	T. Babanatsas	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	6
13.	Sisteme de comandă în cazul comenzii adaptive.	Glăvan Dan Babanatsas Theoharis	Sesiunea jubiliara de comunicari stiintifice cu participare internationala “30 ANI DE INVATAMANT SUPERIOR DE STAT IN ARAD” ARAD, 2002 ISSN 1582-3393	6
14.	Contributions to the cocept and manufacture of an olive harversting robot	T. Babanatsas	Univ. Craiova 2002	6
15.	The concept of an olive harvesting robot for ensure of quality	T. Babanatsas	Quality and reability of machines 27-28. 05. 2003, NITRA. Slovacia. ISBN 80-8069-195-9	6
16.	Restoring of production processes using robots	T. Babanatsas	Quality and reability of machines 27-28. 05. 2003, NITRA. Slovacia. ISBN 80-8069-195-9	4
17.	Study of harvesting methods and necessity of harvesting robot	T. Babanatsas	Univ. Craiova 2003	6
18.	Flexible virtual manufacturing system	Babanatsas Theoharis	Annals of the Oradea University, Fascicle of Management and Tehnological Engineering, CD-ROM Edition, Vol. VI(XVI), pg.271, ISSN: 1583-0691, CNCSIS “Clasa B+”, Oradea 2007	6
19.	Rendering medical interventions virtual and robot	Babanatsas Theoharis	Annals of the Oradea University, Fascicle of Management and Tehnological Engineering, CD-ROM Edition, Vol. VI(XVI), pg.164, ISSN: 1583-0691, CNCSIS “Clasa B+”, Oradea 2007	6
20.	Control System of a Production Kanban	Radu Ioan, Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, section III, pg. 382- 385, ISBN: 9978 – 973	8
21.	Studiu asupra formelor ghidajelor	Babanatsas Theoharis Dan Glăvan	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	8

22.	Considerente noi în cazul comenzii adaptive și a copierii	Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	6
23.	Contributions to the concept of an olive harvesting robot	Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	6
24.	Harvesting methods and necessity of harvesting robot	Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	6
25.	Building color physical models directly from cad data using prototyping methods	Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	8
26.	Prototyping methods for construction of physical objects using solid freeform fabrication	Babanatsas Theoharis	Proceedings international symposium – „Research and Education in an Innovation Era”, Arad, 2008, ISSN: 2065 – 2569	8
27	STUDY ON IMPROVING PERFORMANCE PETROL SUPERCHARGED ENGINES	Lucian PAVEL; Ioan RADU; Dan GLĂVAN; Theoharis BABANATSAS	International Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012	6
28	PROTOTYPING METHODS FOR CONSTRUCTION OF PHYSICAL OBJECTS.	Glăvan Dan, Babanatsas Theoharis Radu Ioan	International Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012	6
29	ALTERNATIV METHODES TO BUILDING PHYSICAL MODELS USING	Radu Ioan, Babanatsas Theoharis , Glăvan Dan	International Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012	6
30	BUILDING PHYSICAL MODELS. 3D PRINTING VS CONVENTIONAL TECHNOLOGIES	Babanatsas Theoharis , Glăvan Dan, Radu Ioan	International Symposium Research and Education in Innovation Era, 4 th Ed., Section Engineering – 2012	6

31	COMPARATIVE RESEARCH BEDFRAME BEHAVIOR ON A LATHE NORMAL VARIATIONS CAUSED MOLDED OR WELDED TO THE REQUESTS OF FORCED VIBRATIONS	Glavan Dan, Babanatsas Theoharis, Merce Roxana Mihaela	Annals of the University of Petroșani, Mechanical Engineering, 17 (2015), 5-12	6
32	THE COMPARED DYNAMIC STUDY OF A NORMAL PARALLEL LATHE FRAME MADE IN THE WELDED VERSION AND CASTED VERSION	Babanatsas Theoharis, Glavan Dan, Merce Roxana Mihaela	Annals of the University of Petroșani, Mechanical Engineering, 17 (2015), 5-12	6
33	CONCEPT OF AN AUTOMATING OLIVE HARVESTING SYSTEM	Babanatsas Theoharis, Glavan Dan, Merce Roxana Mihaela	ACTA Technica Corviniensis – Bulletin of Engineering – Tome IX 2016 ISSN: 2067-3809	6
34	STUDY OF HARVESTING METHODS AND NECESSITY OF OLIVE HARVESTING ROBOT	Glavan Dan, Babanatsas Theoharis, Merce Roxana Mihaela	ANNALS OF FACULTY ENGINEERING HUNEDOARA – INTERNATIONAL JOURNAL OF ENGINEERING – Tome XIII (year 2016) - Fascicule 3 [August]	6
35	<i>SIMULATE OF SHAKING FORCES ON 3D OLIVE TREE MODEL</i>	GLĂVAN Dan, BABANATSAS Theoharis, BABANATIS MERCE Roxana Mihaela	Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering (2016)	6

36	<i>STUDY OF AN AUTOMATIC SELECTION SYSTEM OF OLIVES</i>	BABANATIS MERCE Roxana Mihaela, GLĂVAN Dan, BABANATSAS Theoharis	Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering (2016)	6
37	<i>AD HOC SYSTEM FOR POSITIONING IN SPORTS ALTERNATIVE SOLUTIONS</i>	GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis	Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering (2016)	6
38	<i>STUDY OF MOLDED OR WELDED BEDFRAME BEHAVIOR ON A LATHE</i>	GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela, BABANATSAS Theoharis	Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering (2016)	6
39	<i>CONTRIBUTIONS TO OPTIMIZATION OF STORAGE AND TRANSPORTING INDUSTRIAL GOODS</i>	GLĂVAN Dan, BABANATSAS Theoharis BABANATIS MERCE Roxana Mihaela,	International Conference on Applied Science, Hunedoara– ICAS 2017 ISI	6
40	<i>MODELLING IN 3D THE OLIVE TREES CULTURES IN ORDER TO ESTABLISH THE FORCES (INTERVAL) NEEDED FOR AUTOMATIC HARVESTING</i>	BABANATSAS Theoharis GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela,	International Conference on Applied Science, Hunedoara– ICAS 2017 ISI	

41	<i>COMPARATIVE STUDY OF TOOL MACHINERY SLIDING SYSTEMS. COMPARISON BETWEEN PLANE OR CYLINDRICAL BASIC SHAPES</i>	BABANATSAS Theoharis GLĂVAN Dan, BABANATIS MERCE Roxana Mihaela,	International Conference on Applied Science, Hunedoara– ICAS 2017 ISI	
42	<i>STUDY ON INFLUENCE OF SUPPLYING COMPRESSED AIR CHANNELS AND EVICTING CHANNELS ON PNEUMATICAL OSCILATION SYSTEM FOR VIBROMOOSHING</i>	GLĂVAN Dan, BABANATSAS Theoharis, BABANATIS MERCE Roxana Mihaela	International Conference on Applied Science, Hunedoara– ICAS 2017 ISI	

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