

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design



# GRAPHIC ENGINEERING AND DESIGN

#### DOCTORAL ACADEMIC STUDIES

Novi Sad 2012.



#### FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



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Doroslovački D. Rade		3
Folić J. Radomir		5
Gilezan K. Silvia		7
Glavardanov B. Valentin		0
Gojo F. Miroslav	6.	2
Grbić P. Tatjana		3
Ivetić V. Dragan		6
Karlović Đ. Igor		8
Kašiković D. Nemanja		0
Katić A. Vladimir		2
Kiurski S. Jelena		5
Konjović D. Zora		7
Kostić Z. Marko		0
Kovačević M. Ilija		2
Kovačić N. Ivana		4
Kozmidis-Luburić F. Uranija		6
Kozmidis-Petrović F. Ana		8
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Programme name	Graphic Engineering and Design
Independent higher education institution where the programme is being executed	University of Novi Sad
Higher education institution where the programme is being executed	Faculty of Technical Sciences
Educational-scientific/educational-art field	Interdisciplinary
Scientific, proffesional or art field	Graphic Engineering and Design: Technical Sciences; Art
Type of studies	Doctoral Academic Studies
Study scope, expressed in ECTS	180-182
Academic degree, abbreviation	Doctor of Science - Graphic Engineering and Design, Ph.D.Graph.Eng.Des.
Study length	3
Programme implementation starting year	2005
Future course implementation starting year (for new programme)	
Number of students attending this programme	9
Planned number of students to be enrolled in this programme	18
Programme approval date (state the approval issuer)	14.11.2012 - Science Education Council 29.11.2012 - University of Novi Sad Senate
Programme language	Serbian, English
Programme accreditation year	2008
Web address containing programme information	http://www.ftn.uns.ac.rs



Standard 00. Higher Education Institution Competence for the Implementation of PhD Studies

The study programme of the Doctoral academic studies Graphic Engineering and Design presents the continuation of the study programme for graduate academic - Master studies at the Department for Graphic Engineering and Design at the Faculty of Technical Sciences, University of Novi Sad. The establishment of the modern and contemporary curriculum for Doctoral academic studies presents the possibility for further education of students with a unique educational profile in the region and wider. The Faculty of Technical Sciences, as a part of its progressive strategy, established a study programme Graphic Engineering and Design, which has been given a great interest by students. In a short time, with the laboratory and the equipment, the Department for Graphic Engineering and Design has become a professional leader in the region. The Department is a member of well-known world associations such as FOGRA and IRAGAI, and has connections to the leading faculties in the field in Europe. This study programme should enable students, within the selected field of the Doctoral thesis, to become capable for independent scientific and research work. Multidisciplinarity, as a basic principle in learning about Graphic Engineering and Design, is accomplished both through the curriculum and with links to interdisciplinarity of study programmes at the faculty, providing very competent personnel for teaching this study programme. Besides learning about the field of Graphic Engineering and Design, students should also develop the ability and individuality in research by using world literature, by innovative thinking and thinking unburdened with previous experiences, and by proposing solutions within contemporary scientific achievements and professional engineering and artistic practice.

The Faculty is fully prepared in terms of academic staff, classroom capacity and other facilities for administering doctoral studies in all the fields studied at the Faculty based on indicators related to scientific and research work. The Faculty has a short-term and long-term plan and is accredited as a scientific and research institution, as required by law.

The ability of the Faculty to administer doctoral studies can be indicated by the following criteria:

•The number of Ph.D. and Master theses defended at the higher education institution, which are in the area for which the study programme is accredited, in terms of the ratio of the doctoral and master theses and the number of students who have graduated from the programme and the number of professors.

•The ratio between the number of professors and the number of professors involved in scientific and research projects.

•The ratio between publications in the Ministry of Science acclaimed international journals in the last 10 years and the number of professors.

•cooperation with institutions in the country and abroad

•The Faculty employs a number of tenured teachers who have acted as doctoral thesis supervisors.

The capability of the Faculty to administer doctoral studies is obvious from the references which are enclosed with the accreditation material.





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DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Standard 01. Programme Structure

The name of the study programme of Doctoral academic studies is Graphic Engineering and Design. The acquired academic degree is a Doctor of Science - Graphic Engineering and Design (Ph.D.). The final outcome of the learning process is development and improvement of the knowledge obtained during the previous cycle studies, which enables students to become capable of independent scientific research. Doctoral academic studies in Graphic Engineering and Design last for three years and they are worth at least 180 ECTS. Out of it, 90 ECTS is obtained through examination at the subjects, 30 ECTS is obtained by taking theoretical basis for doctoral dissertation, and 60 ECTS is acquired by elaborating and defending

the doctoral dissertation. Doctoral studies cannot last longer than 10 years. Student's research interest is profiled by selecting teaching subjects which will be studied and taken; and thus, contributing to their in-depth knowledge and understanding of areas (themes) of their doctoral dissertation. Optional subjects are selected from the group of proposed subjects on the study programme, though students have the possibility, according to their abilities and wishes and with the agreement by their mentor (co-mentor), to select a certain number of courses from the proposed courses at the Faculty of Technical Sciences, University of Novi Sad, or some other university in the country and abroad. IN doing so, the prerequisites determined for taking an optional course have to be fulfilled.

Teaching activity for the subjects (compulsory or optional) is group or individual (mentoring) activity. Group classes are held if the subject was chosen by ten or more students or if this type of lecturing is necessary to be organized due to the nature (character) of the subject. The decision on the type of instruction and optional subjects that will be taught is made by the Head of Doctoral Studies following the proposal of the Committee for the Quality of the study programme (study group).





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Standard 02. Programme Objectives

The purpose of the Study Programme is the education of students capable of high quality and independent scientific research in accordance with the needs of society. On the other hand, educating staff trained to critically evaluate research work and independently carry out original and scientifically relevant research enables the development of new technologies and procedures that contribute to the overall development of society. In addition, the purpose of this Doctoral Study Programme is a contribution to national science as well.

Study Programme of Doctoral Studies in Graphic Engineering and Design is designed to provide the acquisition of skills that are socially justified and useful. Faculty of Technical Sciences defined tasks and goals for educating highly competent personnel in the field of technology. The purpose of the Study Programme of Graphic Engineering and Design is completely in accordance with the objectives and goals of the Faculty of Technical Sciences.



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Standard 03. Programme Goals

The objective of the study programme is to achieve student's scientific competencies and academic skills in the field of Graphic Engineering and Design. This also includes the development of creative abilities in considering problems and the ability of critical thinking, the development of teamwork skills and the mastering of specific practical skills necessary to perform the profession.

The objective of the study programme of doctoral studies is to educate an expert who has sufficient extended knowledge in the field of Graphic Engineering and Design, consistent with contemporary directions of development of science in the world.

One of the specific objectives which is in accordance with educational aims of experts at the Faculty of Technical Sciences is to develop students' awareness of the need for a personal contribution to the development of a society in general and the environmental protection. The objective of the study programme is also the education of experts in the field of teamwork, and the development of technical capacity for communication and presentation of their original results to scientific public.



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Standard 04. Graduates' Competencies

PhD graduates of the academic study programme in Graphic Engineering and Design are competent to conduct research and solve problems in real life practice activities. Competencies include, above all, the development of critical thinking skills, problem analysis capabilities, synthesis solution, predicting the behaviour of selected solutions with a clear representation of what is good and what is bad by the selected solution.

PhD graduates are also capable to continue their development through their own scientific researches. Qualifications that indicate the completion of doctoral academic studies are gained by students:

•who have demonstrated systematic knowledge and understanding in the field of civil engineering that complements the knowledge gained at graduate academic studies, being the basis for developing critical thinking and application of knowledge;

•who have mastered the skills and methods of research in the field of civil engineering;

•who have shown the ability of making concepts, design and application

•who have shown ability to adapt the research process with the necessary level of academic integrity;

•who have performed original research and work, extending the boundaries of knowledge, which is verified by publishing papers in the appropriate scientific journal and by the references in national and international levels:

•who are capable of critical analysis, evaluation and synthesis of new and complex ideas;

•who are capable of knowledge and ideas transfer to their colleagues, wider academic community and society in general

•who are capable of promoting technological, social and cultural progress in the academic and professional environment

After graduation, PhD programme allows students to have the knowledge, skills, developed abilities and competencies to:

•independently solve practical and theoretical problems and organize and realize developing activities and research:

be involved in international scientific projects

•be able to implement the development of new technologies and procedures in the field of civil engineering and to understand and use modern knowledge;

think critically, work creatively and independently;

•respect the code of ethics and principles of good scientific practice;

•be capable to present scientific research results at scientific conferences and publish in scientific journals, verifying them through patents and new technical solutions;

•contribute to the development of scientific disciplines in science generally.

After this study programme completion, the student obtains the following subject-specific competences:

• thorough knowledge and understanding of the disciplines that are the subject of their involvement;

ability to solve problems using scientific methods and procedures;

linking basic knowledge in various fields and their application;

ability of modern developments in the field of profession;

necessary skills and ability in applying knowledge in the field of civil engineering;

Students will be enabled to design, organize and manage the construction of specific and complex structures. During their education, students acquire the knowledge to independently perform experiments, process statistic data, as well as formulate and make adequate conclusions. Students who obtain their Doctoral degree in Graphic Engineering and Design acquire knowledge on how to economically utilize natural resources of the Republic of Serbia and they are fully aware of their position as future participants in promoting and applying the sustainable development principles in Graphic Engineering and Design as a significant strategic direction.



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Standard 05. Curriculum

The curriculum of the Doctoral Academic Study Programme in Graphic Engineering and Design is made to meet the set goals. The structure of the study programme enables the students to choose optional courses which will be worth at least 70% of ECTS credits.

During the course of the doctoral academic studies students are encouraged to specialize in the specific field of study they are most interested in. Through optional courses they are able to take further interest in the scientific and research areas studied during the course of their graduate academic studies.

All courses last one semester and are worth a certain number of ECTS credits, one credit comprising approximately 30 hours of a student's activity.

The curriculum defines every course of the study programme which states the following: the course name, type, the year and semester when the course is lectured, the number of ECTS credits, the name of the lecturer, the course objective with the expected outcome, the knowledge and competences the student will acquire, the prerequisites for taking the course, the course content, the recommended literature, the methods of lecturing, the knowledge tests and evaluation.

The study programme is created in accordance with the European standards concerning the enrolment requirements, the duration of studies, the terms of enrolling into the next year of studies, the acquisition of a diploma and the mode of study.

The curriculum enables students to attend 7 courses during the first three semesters. During the first two semesters three compulsory courses (Methods of Scientific Research; Selected Chapters in Chemistry and Selected Chapters in Graphic Technologies) and two optional courses are taught. During the second year with two semesters and two optional courses, students elect optional courses after consulting their comentor, one being available to every student of the doctoral studies.

The doctoral studies in Graphic Engineering and Design last for three years and are worth no less than 180ECTS. Out of this, at least 90 ECTS are obtained by passing the course tests assigned by the study programme, 30 ECTS are obtained by passing the theoretical basis for Doctoral dissertation, and 60 ECTS are obtained through the elaboration and defence of Doctoral dissertation.

The research study of the theoretical framework of a doctoral dissertation is completed by passing an exam which proves that the student has acquired the necessary theoretical knowledge in the chosen field of study. Passing this exam enables the student to continue the doctoral studies. The theoretical framework has to be taken as an examination (either written and/or oral), divided into chapters (questions) in at least three courses of the study programme.

The doctoral studies within a specific study programme last at least 3 (three) academic years (6 semesters), and their longest duration is 10 academic years.

The doctoral studies involve classes, scientific and research work and the completion and defence of a doctoral thesis.

The course lectures (compulsory and optional) are carried out either through group or individual work (with a mentor). Group lectures are necessary if more than ten students are taking a particular course, or if the nature of the subject (the course) requires group work.

The decision on the type of lectures and optional courses to be organized is made by the Head of the Doctoral Studies in compliance with the Study Programme (or Study Group) Quality Committee.



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Course: Scientific Research Method Course id: DZ001 Number of ECTS: 5 Teachers: Atanacković M. Teodor, Folić J. Radomir Course status: Mandatory Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 0 0 0 3 0 Precondition courses None 1. Educational goal: To enable students for successful writing of scientific papers and doctoral dissertations. 2. Educational outcomes (acquired knowledge): Ability of understanding varius scientific metods witch was used in scientific literature - Ability of successful managing in proffesonal literature - Ability of successful writing of scientific paper in area of of interests - Ability of successful creating and ending of doctoral dissertation 3. Course content/structure: Definition of science. Development of science through history. Scientific methodology. General and special scientific methods. Structure of a scientific paper. Types of scientific results. Writing and publishing scientific papers. Writing the doctoral dissertation. Evaluating scientific results. 4. Teaching methods: Lectures. Consultations with students. Seminar paper. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Project 30.00 Oral part of the exam Yes Yes 70.00 Literature Title Ord. Publisher Author Year Karl Poper Logika naučnog otkrića Nolit, Beograd 1973 1,



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Graphic Engineering and Design

Course:										
Course	id:	FDS13	Sele	Selected Chapters in Contemporary Graphic Technologies						
Number	of ECTS:	11								
Teache	rs:		Gojo F. Miro	oslav, Novakov	rić M. Drag	goljub				
Course	status:		Mandatory							
Number	of active teac	hing classe	s (weekly)							
L	ectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	isses:	
	9	C		0		4		0		
Precond	dition courses			None		-				
1. Educ	ational goal:									
To acqu	iire specific kn	owledge in	the field of g	raphic enginee	ering and	design.				
2. Educ	ational outcom	ies (acquire	ed knowledge	e):						
Ability to	o deal with scie	entific resea	arch in the fie	eld of graphic e	ngineerin	g and design.				
3. Cours	se content/stru	cture:								
Contem printing printing	porary achiev , screen printi problems, fin	ements in ng, digital ishing, pro	graphic tech printing, spe ofing. Conte	nologies, pres cial procedure mporary meth	s prepara s, printin ods in an	ation, high quality printing g on diverse masters, in alysis and synthesis.	g techniques, gravur proving and similar	e printing, lit procedures,	hography technical	
4. Teac	hing methods:									
Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally).										
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	ition obligat	ions	Mandatory	Points	Final ex	am	Mandatory	Points	
Written	part of the exa	m - tasks a	nd theory	Yes	50.00	Oral part of the exam		Yes	50.00	
					Liter	ature				
Ord.	A	uthor			Title	•	Publishe	r	Year	
1,	Novaković, D		Tehn	ike štampe			dizajn,Novi Sad	01	2006	
2,	Kipphan, H.		Hand	book of Print N	Nedia		Springer		2000	



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Table 5.2 Course specification	า
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Course:										
Course id:	DZ01F		Selected Chapters in Physics							
Number of ECTS:	12									
Teachers:		Budinski-Pe Vučinić-Vas	etković M. Ljuba ić T. Milica	a, Kozmid	is-Luburić F. Uranija, Koz	midis-Petrović F. Ana	a, Satarić V. I	Miljko,		
Course status:		Elective								
Number of active tea	aching classe	es (weekly)								
Lectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:		
5	0	)	0		3		0			
Precondition course	S		None							
1. Educational goal:										
To acquire the know	ledge of phys	sics which is	applied in mod	dern engin	eering.					
2. Educational outco	mes (acquire	ed knowledge	e):							
The students will ha as well as evolveme	ve acquired t nt in science	he knowledg and researd	ge which enabl h work in the c	les them to correspond	o develop models for solv ding areas.	ing problems in pract	ical professi	onal work		
3. Course content/st	ructure:									
Student can choos engineering, 2. Qua materials, amorpho method of statistics	e in consult ntum tunnelli us materials physics, rar	ation with p ing effect and , spin glass, idom numbe	orogramme su d applications, 5. Natural and er generator. N	ipervisor, 3. Quanti d artificial /lonte Car	one of the suggested u um dots, wires and tubes polymers and their appl lo simulation.	nodules: 1. Lasers, , Applications in nand ication in nanotechn	their applic otechnologie ologies, 6. N	cations in s, 4. New Numerical		
4. Teaching method	s:									
Lectures. (The student can choose in consultation with co-mentor, one or more modules depending on module scope). Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Through research and study work the student will, on the bases of scientific journals and other relevant literature that has been studied independently, develop further understanding of the material covered in lectures. Working with the course teacher the student develops the ability to independently work on a scientific paper.										
			Knowledge e	evaluation	(maximum 100 points)					
Pre-examin	nation obligat	tions	Mandatory	Points	Final ex	am	Mandatory	Points		
Term paper			Yes	50.00	Oral part of the exam		Yes	50.00		
				Litera	ature					
Ord.	Author		<u> </u>	Title		Publishe	r	Year		



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Course:									
Course	id: D	DZ01M	Selected Chapters in N			lathematics			
Number	of ECTS: 1	2							
Teache	rs:		Adžić Z. Kovačevi Ralević N	Nevenka, Doroslo ić M. Ilija, Mihailo ⁄I. Nebojša, Slado	ovački D. F vić P. Bilja oje Matić I.	Rade, Gilezan K. Silvia, G na, Pantović B. Jovanka, Nataša, Stojaković M. M	Srbić P. Tatjana, Kost Pilipović R. Stevan, ila, Teofanov Đ. Ljilja	ić Z. Marko, Rajković R. I na, Uzelac S	Vilan, 5. Zorica
Course	status:		Elective						
Number	of active teach	ing classe	es (weekly	')					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	5	C	)	0		3		0	
Precond	dition courses			None					
1. Educ	ational goal:								
To acque enginee	uire knowledge ering courses ι	e which ca using the	an be use knowledg	ed in professiona le gained throug	I subjects	and practical work, de d chapters in mathemat	velop and solve mat	hematical m	nodels for
2. Educ	ational outcome	es (acquire	ed knowle	dge):					
Student	will have been	competer	nt enough	to develop and se	olve mathe	ematical models in furthe	r professional educati	on.	
3. Cours	se content/struc	cture:							
Studen Optimiz Functio .13.Stod Euclide Logic in Algebra Theory. of math statistic	Student can choose in consultation with programme supervisor, one of the suggested modules: 1. Numerical Mathematics, 2. Optimization. 3. Pattern Recognition. 4. Partial Differential Equations, 5. Nonlinear Equations. 6. Computational geometry. 7. Elements of Functional Analysis. 8. Combinatorics. 9. Graph Theory.10.Operational Research- Linear Programming. 11. Probability 12. Statistics .13.Stochastic Processes. 14. Vector analysis. 15. Complex Analysis. 16. Linear Algebra. 17. Differential and Difference Equations. 18. Euclidean and Non-Euclidean Geometry. 19. Fractional Calculus,Differential Equations . 20. Operational Research-Quiung theory. 21. Logic in Computing. 22. Discrete Mathematics. 23. Higher order Logic. 24. Theory of Mobile Processes. 25. Numerical Methods of Linear Algebra. 26. Fuzzy Sets. 27. Economic and Financial Mathematics. 28. Groups and Algebras Li. 29. Formal Languages and Automata Theory. 30. Process Algebras. 31. History of Mathematics. Part of the course is in the form of independent research and study in the field of mathematics. Study and research work is based on primary scientific sources, organization and conduction of experiments and								
4. Teac Lecture Lecture contribu study w	hing methods: s. (The student s are organize ite to better un ork the student understanding	t can choc d in comb derstandir will, on th of the n	ose in con bined form ng of the t e bases o naterial co	sultation with su n. The presentati theoretical part. I of scientific journ overed in lectur	pervisor, on of the n addition als and ot es. Work	one or more modules de theoretical part is follow to lectures there are re- her relevant literature that ing with the course tea	pending on module s red by the correspon gular consultations. T at has been studied ir cher the student de	scope). Considing examp fhrough resendently evelops the	sultations. les which earch and /, develop ability to
indeper	ndently work o	on a scier	ntific pap	er.		-		•	
				Knowledge e	evaluation	(maximum 100 points)			1
<b>T</b>	Pre-examinat	ion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Term pa	aper			Yes	50.00	Oral part of the exam		Yes	50.00
Ord	۸.				Litera		Dublisha	-	Veer
010.	AL Alexander Mo		Inf	traduction to the t	theory of s	tatistics	McGraw Hill	:[	2005
2,	Athanasios Pa	apoulis	Pr	obability, random	variables	and stochastic	McGraw Hill		2002
3,	I. Kovačević, I	N. Ralević	Fu	unkcionalna anali	za		FTN (edicija tehničk udžbenici), Novi Sa	te nauke- d	2004
4,	N.Ralević,I.Ko	vačević	Zb	oirka rešenih zada	ataka iz Fu	inkcionalne analize	FTN (edicija tehničk udžbenici), Novi Sa	te nauke- d	2004
5,	M.Stojaković		SI	učajni procesi			FTN, Novi Sad		1999
6,	V.Jevremović,	J.Mališić	St	atističke metode	u metorolo	ogiji i inženjerstvu	Savezni hidrometor zavod, Beograd	ološki	2002
7,	Zeidler E.		No	onlinear Function	al Analysis	and Aplications	Springer-Verlag, Ne Berlin-Heidelberg-T	ew York- okyo	1985
8,	Zlobec S., Pet	trić J	Ne	elinearno progran	niranje		Naučna knjiga, Beo	grad	1989
9,	Dauxois, M. P	eyrard	Pł	nysics of Solitons			Cambridge Universit	ork	2006
10,	Saaty, T. L		М	odern Nonlinear I	Equations		Dover Publications, York	Inc., New	1981
11,	N. Ralević, S.	Medić	Ma	atematika 1 - drug	gi deo		FTN, Novi Sad		2002
12,	Juergens, D. S	eilgen, H. Saupe	С	haos and Fractal	s		Springer Verlag, Ne	ew York	2004

AN STA	S STUDIOR	FACULTY OF T	EJA OBRADOVIĆA 6	A THINK	AX HANAS				
N. AROAL	Study Programme Accreditation - PhD Studies         DOCTORAL ACADEMIC STUDIES       Graphic Engineering and Design								
Literature									
Ord.		Author		Year					
13,	Mileva Pr	vanović	Osnovi geometrije		Građevinska knjiga, Be	ograd	1990		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:								
Course id:	FDS12	Selected Chapters in Chemistry						
Number of ECTS	: 12							
Teacher:		Kiurski S. Je	lena					
Course status:		Elective						
Number of active	teaching class	es (weekly)						
Lectures:	Practica	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
5		C	0		3		0	
Precondition cour	ses		None					
1. Educational go	al:							
To acquire specif	ic knowledge ir	selected cha	oters in Chem	histry that	can be used in the field o	f graphic engineering	and design.	
2. Educational ou	tcomes (acquir	ed knowledge	):					
Ability to deal with	n scientific rese	arch in the fiel	d of graphic e	engineerin	g and design			
3. Course conten	t/structure:							
Chemism. Chem Corrosion of mat compounds. Synt environment. Th printing industry.	ical bonds in o erials. Chemic hetic and natur e basic structu Hazardous pr	rganic compo al kinetics. Er al organic poly re of printing inting wastes	unds and or htropy, free in mers. Introdu materials. C . Printing ind	ganic chei nternal en uction to g olors. Sol loor monit	nical structures. Types of ergy and balance. Chem reen chemistry. Significal vents. Degradation of gl oring.	of chemical reactions histry of transition me nt parameters of the p lobal environment.	in organic o etals and coo printing indus Types of wa	chemistry. ordination try on the ste in the
4. Teaching meth	ods:							
Lectures and cor covered by two e	sultations are ssays that are	held regularly orally present	The theoret	ical part is	followed by examples o	f graphics speciality.	Part of the n	naterial is
			Knowledge	evaluation	(maximum 100 points)			
Pre-exa	mination obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Term paper			Yes	20.00	Oral part of the exam		Yes	30.00
Term paper			Yes	20.00				
Test			Yes	10.00				
Test			Yes	10.00				
1651			res	Litor	aturo			
					Publisho	or l	Voar	
1 Mihailov	ić	Organ	ska hemija I	deo		Nučna kniiga Beog	rad	2000
2, Piletić		Organ	iska hemija, i			Tehnološki fakultet.	Novi Sad	2000
3, Jelena k	Kiurski	Regis mono	tar polutanata grafija	a grafičke i	ndustrije Novog Sada,	FTN Izdavaštvo, No	ovi Sad	2010



Course:

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Graphic materials-selected chapters Course id: FDS225 Number of ECTS: 12 Teacher: Prica D. Miljana Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other classes: Other teaching types: Study research work: 5 0 0 3 0 Precondition courses None 1. Educational goal: The expansion and acquisition of new and specific knowledge in the field of graphic materials as well as in areas related to their applicability and acceptability from an environmental point of view. 2. Educational outcomes (acquired knowledge): Mastered the necessary skills on the field of graphic materials and their structure, implementation and acceptability from an environmental point of view. The ability to deal with scientific research in the field of graphic material. Part of teaching the course is conducted through independent research in a field related to the case. Independent research includes a detailed review of current scientific literature related to the field of graphic material, writing of the paper and the writing of the subject area. Course content/structure: Contemporary approaches to the characterization of graphic material. Admissibility of graphic materials from a technological point of view, and environmental sustainability. Formation, treatment and waste management printing industry. Mechanisms of natural and accelerated aging of graphic material. Recycling. Modern graphic materials. 4. Teaching methods: Classes are conducted by an independent research, consulting and mentoring. Through research, student, studying scientific journals and other appropriate literature deepens the material independently. In addition to working with teachers, students are trained to independent researchers and writing a papers. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points 50.00 Oral part of the exam Project 50.00 Yes Yes Literature Ord. Author Title Publisher Year Univerzitet u Novom Sadu, Lazić, V., Novaković, D. 2010 1 Ambalaža i životna sredina Tehnološki fakultet Analysis and Deformulation of Polymeric Materials: Kluwer Academic Publishers. 2002 2 Gooch, J. W. Paints, Plastics, Adhezives, and Inks New York The Royal Society of 3 Christie, R. M. Colour Chemistry 2001 Chemistry, UK WILEY-VCH Verlag GmbH 4, Sixta, H. Handbook of Pulp 2006 &Co. KGaA, Weinheim Handbook of Paper and Board WILEY-VCH Verlag GmbH & Holik, H. 2006 5, Co. KGaA, Weinheim Ek, M., Gellerstedt, G., Pulp and Paper Chemistry and Technology Volume 4 6, Walter De Gruyter GmbH 2009 Henriksson, G Paper Products Physics and Technology



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:			Selected Chapters in Computing							
Course	id:	DAU002								
Number	of ECTS:	14								
Teache	rs:		Konjović D	. Zora, Popović	V. Mirosla	av				
Course	status:		Elective							
Number	of active teac	hing classe	s (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:	
	5	0		0		4		0		
Precond	lition courses			None		·				
1. Educ	ational goal:									
Deep ur	nderstanding c	of the select	ed areas re	lated to comput	ter softwai	re.				
2. Educ	ational outcom	nes (acquire	d knowledg	le):						
The sture to comp	dents will have uter software.	e been able	to critically	analyze the ex	isting solu	utions and synthesize ori	ginal solutions in the	selected are	as related	
3. Cours	se content/stru	icture:								
Theoretical foundations of the selected areas related to computing. Technological foundations of the selected chapters in computing. Part of the course is in the form of independent research and study in the area of computing. Research and study work is based on primary scientific sources, organization and conduction of research experiments, numerical simulations										
4. Teac	ning methods:									
Forms of teaching include: lectures, practical work on computers, developing projects, as well as consultations. During the lecture classes the content of the course is presented using the necessary didactic materials and stimulating the active participation through presentation of the assigned materials. The practical component is covered through computer work. The student is obliged to dvelop an independent project.										
Knowledge evaluation (maximum 100 points)										
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Project				Yes	70.00	Oral part of the exam		Yes	30.00	
					Litera	ature				
Ord.	A	uthor			Title		Publishe	er	Year	
1,	Nije primenlji	vo	Oda	brani naučni ra	dovi uz pr	edmetne oblasti	različiti izdavači		2007	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course									
Course	id:	SID04	Current State in the Field						
Number	r of ECTS:	2							
Teache	rs:	1	Atanackov	ić M. Teodor, Ka	atić A. Vla	dimir, Kulić J. Filip, Vilotić	ć Ž. Dragiša		
Course	status:	1	Mandatory	,					
Number	r of active teac	hing classes	(weekly)						
L	ectures:	Practical c	lasses:	Other teaching	ng types:	Study resea	arch work:	Other cl	asses:
	0	0		0		2		0	
Precon	dition courses			None		•	•		
1. Educ	ational goal:								
Introduc	cing students to	o the current	research	directions and n	nanners ir	n solving problems from t	he wider study field.		
2. Educ	ational outcom	ies (acquired	d knowledg	ge):					
Knowle Europe	dge on the cur or prominent	rent researd experts from	ch direction the well-l	ns worldwide in known compani	the field, es abroad	based on lectures by pr d.	ominent professors f	rom the univ	ersities in
3. Cour	se content/stru	cture:							
Conterr topics c	porary topics or attend lectur	in the field of res as they v	of research wish or as	h, presented by they find the to	prominer	nt professors and experte	s on lectures on invit	ation. Stude	nts select
4. Teac	hing methods:								
Survey	Survey on solving contemporary problems by theoretical methods and multimedia presentations.								
Knowledge evaluation (maximum 100 points)									
	Pre-examina	tion obligation	ons	Mandatory	Points	Final ex	kam	Mandatory	Points
Project Yes 30.00 Oral part of the exam Yes 7						70.00			
					Litera	ature			
Ord.	A	uthor			Title		Publishe	er	Year
1,	Razni		Čas	opisi sa SCI list	e		IEEE Publishing, i d	lr.	2008



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation - PhD Studies



Other classes:

0

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:			Oslastad Obsertans in Oslavn Managarat							
Course id:	FDS141	Selected Unapters in Colour Management								
Number of ECTS:	14									
Teachers:		Karlović	Ð. Igor, Novaković M. Dragolju	b, Pavlović S. Živko, Kozmidis-Petrović F.	Ana					
Course status:		Elective	Elective							
Number of active teac	hing classe	es (weekly	()		-					
Lectures:	Practical	classes:	Other teaching types:	Study research work:	(					
5	C	)	0	4						
Precondition courses			None							
1. Educational goal:										

Acquired specific knowledge in field of graphic engineering and design.

2. Educational outcomes (acquired knowledge):

Ability to deal with scientific and research methods in the field of colour management in graphic engineering and design.

3. Course content/structure:

Research in the field of light, colours and their parameters, colour distribution systems, colour perceptions, colour space, contemporary models in colour management, contemporary measuring techniques, analyses and syntheses of the colour space.

4. Teaching methods:

Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally).

	Knowledge evaluation (maximum 100 points)										
	Pre-examination obligations		Mandatory	Points	Final ex	Mandatory	Points				
Written	part of the exam - tasks and the	eory	Yes	50.00	Oral part of the exam Yes			50.00			
	Literature										
Ord.	Author	Author Title					Publisher				
1,	Novaković, D.	Nauka	o boji			FTN, Grafičko inžer dizajn, Novi Sad	ijerstvo i	2006			
2,	Soutworth M., Soutworth D.	Pocke	t Guide to Co	lor Repro	duction	Graphic Arts Publisl	ning	2000			
3,	3, Kelvin, T. Colour control in lithography							1993			
4,	Gary F.	Colour	and its repro	oduction		GatfPress, Pittsburg	gh	1999			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course	id:	FDS151			Select	ed Chapters in	Multimedia					
Number	of ECTS:	16										
Teache	rs:		Ivetić V. Dra	gan, Mihajlovi	ć R. Drag	an, Milosavljević P. Brank	0					
Course	status:		Elective									
Number	of active teac	hing classes	s (weekly)									
L	ectures:	Practical of	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:			
	5	0		0		4		0				
Precond	lition courses			None		·						
1. Educ	ational goal:											
Introduction with theoretical bases, technological solutions and selected applications of computer-aided multimedia systems with a special emphasis on the Internet-oriented multimedia systems.												
2. Educ	ational outcom	ies (acquire	d knowledge	):								
Underst multime	anding theore dia systems.	tical bases o	of multimedia	systems. De	tailed intro	oduction to technological	solutions in the field o	of the Interne	t-oriented			
3. Cours	se content/stru	icture:										
Represe oriented	entation, orgar I multimedia s	nization and ystems. Soft	storage, and tware solution	search of mu	ultimedia of the Inte	data. The Internet and mu ernet-oriented multimedia	ltimedia. Architecture systems.	of advanced	1 Internet-			
4. Teac	hing methods:											
Teachir equipm content	ng methods in ent, course co s. Practical p	clude: lectu ontent is pr art is done	ires, comput esented and on the comp	er work, proj I students aro puter. Studen	ect elabo e stimulat its have t	ration, and consultations ed to actively participat he obligation to individu	a. In lectures, using a by being obligated ally elaborate a proj	all necessar to present ect.	y didactic the given			
				Knowledge e	valuation	(maximum 100 points)						
	Pre-examina	tion obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points			
Project	defence			Yes	60.00	Oral part of the exam		Yes	40.00			
					Liter	ature						
Ord.	A	uthor	Title Publisher				er	Year				
1,	Različiti auto	ri	Monog multin podata	gratske publik nedijalnih siste aka	acije i rad ema i muli	lovi iz oblasti arhitektura timedijalnih baza	Različiti izdavači		2007			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Table 5.2 Course specification	
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Graphic	Engineering	and Desigi
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Course	:			01	<b>t</b>	Taniaa in Oamm	uten Onenhie	_	
Course	id:	FDS152		Sel	ected	Topics in Comp	outer Graphics	S	
Numbe	r of ECTS:	16							
Teache	ers:		Ivetić V. D	ragan, Konjović	D. Zora, I	Milosavljević P. Branko, V	/idaković P. Milan		
Course	status:		Elective						
Numbe	r of active tead	ching classe	es (weekly)						
L	.ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	5	(	)	0		4		0	
Precon	Precondition courses None								
1. Educ	ational goal:								
Acquiri	ng specific kno	wledge in t	he field of c	computer graphic	cs.				
2. Educational outcomes (acquired knowledge):									
Ability t	o deal with sci	entific and i	research wo	ork in the filed of	compute	r graphics.			
3. Cour	se content/stru	ucture:							
- Trans - Prese Compu - basic - plane - metho - offset - transp Program - data m - standa - langua	formations formation of curv ter geometry: geometric bod cross-sections ds for elabora curves and pla parency and sh mming graphic epresentation ards ages	es and plar ies and the ting smooth anes lading of pla systems:	ir relations ir relations transitions anes	in curves and p	lanes				
4. Teac Lecture corresp (making	hing methods: es. Consultati onding examp g a logical uni	ions. Lectu bles. In add ty) during le	ires are or ition to lect	ganized in cor tures there are d by writing a so	nbined fo regular co eminar pa	orm. The presentation on onsultations. Part of the or oper (presented orally).	of the theoretical pa course content can be	irt is followe e passed in	ed by the segments
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points
Project	defence			Yes	50.00	Oral part of the exam		Yes	50.00
					Liter	ature			
Ord.	A	Author	r Title Publisher Year						
1,	Hoschek, J.,	Lasser, D.	Fun	damentals of C	omputet A	ided Geometric Design	A K Peters, Wellesk Massachusetts	ey,	1993
2,	Morgan Spa	lter Anne	The	e Computer in th	e Visual A	Arts	Addison Wesley Lor	ngman, Inc.	1999



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course: Selected Chapters in Technical Mechanics Course id: FDS143 Number of ECTS: 14 Teachers: Cvetićanin J. Livija, Glavardanov B. Valentin, Kovačić N. Ivana Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 5 0 0 4 0 Precondition courses None 1. Educational goal: Acquiring specific knowledge in the field graphic engineering and design. 2. Educational outcomes (acquired knowledge): Ability to deal with scientific and research work in the filed of graphic engineering and design. 3. Course content/structure: Mechanical movement and rest. Axioms of statics. Theorem on three unparallel forces. Dot kinematics. Classification of dot movement. Complex dot movement. Differential equations for the material dot movement. Free dot oscillations. Forced dot oscillations. Kinetic energy of material dots. Theorem on the alteration of kinetic energy of material dots. Law on preserving total mechanical energy. 4. Teaching methods: Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally). Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Project 30.00 Oral part of the exam Yes Yes Literature Ord. Title Publisher Author Đ. Đukić, T. Atanacković, Fakultet tehničkih nauka, Novi 2000 1, Mehanika L.Cvetićanin Sad FTN, Novi Sad, Edicija 2, I. Kovačić, Z. Rakarić Zbirka zadataka iz Statike I 2000 Tehničke nauke-Udžbenici 3 John Willey&Sons 2000 J. L. Meriam, L.G. Kraige **Engineering Mechanics STATICS** 

Points

70.00

Year



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course	:									
Course	id:	FDS224		S	electe	d Chapters in P	rogramming			
Numbe	r of ECTS:	14								
Teache	r:	М	losavljević	P. Branko						
Course	status:	EI	ective							
Numbe	r of active teac	hing classes (	weekly)							
L	ectures:	Practical cla	sses:	Other teachi	ng types:	Study rese	arch work:	Other cl	asses:	
	5	0		0		3		0		
Precon	dition courses		None							
1. Educ	ational goal:									
То асqu	uire knowledge	in the field of	Contempo	orary Theory in	n Progran	nming and associated tec	hnologies.			
2. Educ	ational outcom	es (acquired	knowledge	):						
Unders	tanding moder	n programmin	g theories,	ability to app	ly knowle	dge in the field of software	e systems developme	nt.		
3. Cour	se content/stru	cture:								
Moderr	n programming mming paradig	g theory. Sele jms.	cted prog	ramming par	adigms. <sup>-</sup>	Fechnologies and develo	opment tools for sup	porting cont	emporary	
4. Teac	hing methods:									
Teachir equipm content	ng methods in ent, course co s. Practical pa	clude: lecture ontent is pres art is done or	s, comput ented and the comp	er work, proj I students aro outer. Studer	ect elabo e stimula nts have f	ration, and consultations ted to actively participat he obligation to individu	s. In lectures, using a e by being obligated ally elaborate a proj	all necessar to present ect.	y didactic the given	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obligatior	IS	Mandatory	Points	Final ex	kam	Mandatory	Points	
Written	part of the exa	m - tasks and	theory	Yes	50.00	Oral part of the exam		Yes	50.00	
					Liter	ature				
Ord.	A	uthor	Title Publisher Year							
1,	Različiti auto	ri	Mono	grafske publik amiranja	acije i na	učni radovi iz teorije	razni		2007	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Wiley, England

Morgan&Claypool, USA

Course: Colour and Image Appearance Models Course id: FDS153 Number of ECTS: 16 Teachers: Karlović Đ. Igor, Pavlović S. Živko, Novaković M. Dragoljub Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 5 0 0 4 0 Precondition courses None 1. Educational goal: The objective is to introduce students to the bases in generating visual stimuli and mechanisms and effects during the visual perception of coloured complex surfaces. 2. Educational outcomes (acquired knowledge): Ability to deal with scientific and research work. 3. Course content/structure: The objective is to introduce students to the bases in generating visual stimuli and mechanisms and effects during the visual perception of coloured complex surfaces. Course content will cover theoretical knowledge on the complex visual sensation of colours and spatially variable images and objects. During the course, students are introduced to the manners of classification, scaling and calculating visual emotions in various observation conditions. - Fundamentals in psycho-physics and creation of visual stimuli - Observation effects (chromatic adaptation, dark and light adaptation, effect of additional image, colour constancy) - Scaling sensitive sizes of visual stimuli - Determining minimally observable differences - Colour appearance models CIECAM97 and CIECAM02 - Defining image quality Image appearance models iCAM 4. Teaching methods: Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally) Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Points Final exam Written part of the exam - tasks and theory 50.00 Oral part of the exam 50.00 Yes Yes Literature Ord Author Title Publisher Year M.D. Fairchild Color Appearance Models 2nd Edition, Wiley, England 2005 1. 2007 2, M.Ebner Color constansy Wiley, England

Light Vision Colour

Modern Image Quality Assessment

3,

4.

A.Valberg

Z.Wang, A.C. Bovik

2005

2006



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Cour	se specification
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Course:			Pre	paration fo	r the A	Application of Do	octoral Disser	tation T	opic
Course	id:	SID05							
Number	of ECTS:	2							
Teache	rs:								
Course	status:		Mandato	ry					
Number	of active tead	hing classe	es (weekly	()					
Lectures: Practical classes				Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	0	C	)	0		2		0	
Precond	lition courses		-	None					
1. Educ	ational goal:								
Overvie monogr is to ove	Overview of situation in the area of the proposed topic for doctoral dissertation based on the scientific literature analysis – books, monographs, papers in referential journals, papers from conference proceedings, available documentation at websites, etc. The objective is to overview the possibilities of the thesis and scientific potential of the topic.								
2. Educ	ational outcom	nes (acquire	ed knowle	dge):					
Study o doctora	n the potentia dissertation,	ls of the pr as well as	oposed de	octoral dissertation ctions in further r	on topic, i. esearch c	e. the systematized know on the topic.	wledge in the area of	the researcl	n topic for
3. Cours	se content/stru	icture:							
Definino scientifi etc. Stu	the wider and c books, mono dy on the pote	ea of the d ographs, pa entials of th	octoral dis apers in re le propose	ssertation topic a eferential journals ed doctoral disse	nd key m , papers rtation top	otives for research. Over from conference proceed oic.	rview of literature on lings, available docur	the basis of nentation at	available websites,
4. Teac	ning methods:								
Teachin	g is performed	d as tutorial	S.						
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obligation	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Term pa	aper			Yes	70.00	Oral part of the exam		Yes	30.00
					Liter	ature			
Ord.	Ord. Author Title Publisher Year							Year	
1,	Priznati nauč iz oblasti tem	čnici i stručr ne Dr teze	<sup>njaci</sup> Ra	azna naučna dela					sve



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	FDS211			Sele	cted Chapters i	n Design				
Number	of ECTS:	14									
Teache	rs:		Nedeljković	M. Slobodan,	Kuzmano	vić B. Siniša					
Course	status:		Elective								
Number	of active teac	hing classe	es (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	5	C	)	0		4		0			
Precond	Precondition courses None										
1. Educ	ational goal:										
Acquirir	ig specific know	wledge in t	he field of de	sign.							
2. Educ	2. Educational outcomes (acquired knowledge):										
Ability to	o deal with scie	entific and i	esearch wor	k in the field of	f design.						
3. Cours	se content/stru	cture:									
Contem Contem today. I design technol- concept a good analysis	Contemporary principles of modelling/design, definition of design, theories on design, narrow-oriented professional approaches. Contemporary product design. Business design – graphic design, legibility of typefaces and fonts, packaging design through time until today. Design in management (Internet technology), explicit knowledge, importance of design in Knowledge Management (KM), How design can increase the IQ of an organization, creating knowledge in design, classifications, applications, business process, information technologies, leadership, corporative culture, human resources management, control and innovation, relation between KM and other concepts, learning organization, design competencies – total quality management (TQM), BSC and design, Motivation in management for a good design, relating vision and reality via design. Correlation of graphic and industrial design. Colour usage. Type design. Semiotic										
4. Teac	hing methods:										
Lecture unity) d	s. In addition to uring lectures,	o lectures and by wr	there are reg ting a semin	jular consultat ar paper (pres	ions. Part ented ora	of the course content ca Illy).	n be passed in segm	ents (making	a logical		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Project				Yes	50.00	Oral part of the exam		Yes	50.00		
					Liter	ature					
Ord.	A	uthor			Title		Publishe	er	Year		
1,	Sokolović, S,		Dizaj	n i projektovar	nje proizvo	oda	Beograd		2001		
2,	Poels, K; Dev	witte, S.	How to Capture the Heart? Reviewing 20 Years of Emotion Measurement in Advertising/e–book Dept. of Marketing and Organization studies, Faculty of Economics and Applied 2 Economic, Catholic University of Leuven						2006		
3,	Messaris, P.		Visua	Visual Persuasion Sage Publications, Inc. 199							
4,	Babin, J.B; H	arris, G.E.	Pona	išanje potrošao	ča		Data status, Beogra	ad	2012		
5,	Phil Baines, A	Andrev Has	slam Type	& typography			Laurence King		2002		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:													
Course	id:	FDS221			Select	ed Chapters in	Packaging						
Number	of ECTS:	14											
Teache	rs:		Novaković	M. Dragoljub, F	Pavlović S	. Živko, Kašiković D. Nem	anja						
Course	status:		Elective										
Number	of active teac	hing classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:				
	5	C	)	0		4		0					
Precond	lition courses			None		•							
1. Educational goal:													
Acquirin	Acquiring specific knowledge in the field of packaging.												
2. Educ	2. Educational outcomes (acquired knowledge):												
Ability to	o deal with scie	entific and r	research wo	ork in the field of	f packagin	g and graphic products.							
3. Cours	se content/stru	cture:											
Contem manufa	porary approa cturing, types	aches in pa of modern	ackaging pr packaging	oduction, appro	aches to r evaluati	the development and de ng and researching pack	sign of packaging, pı aging.	reparation of	masters,				
4. Teac	ning methods:												
Lecture corresp (making	s. Consultation onding examp a logical unit	ons. Lectu les. In add y) during le	ires are or lition to lect ectures, and	ganized in cor tures there are d by writing a se	nbined fo regular co eminar pa	orm. The presentation of nsultations. Part of the of per (presented orally).	f the theoretical pa ourse content can be	rt is followe e passed in s	d by the segments				
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	ition obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points				
Written	part of the exa	m - tasks a	and theory	Yes	50.00	Oral part of the exam		Yes	50.00				
					Liter	ature							
Ord.	A	uthor			Title		Publishe	r	Year				
1,	Novaković, D	).	Grafička ambalaža Grafičko inženjerstvo i dizajn, elektronski oblik						2007				
2,	Nelson R. E.		Pac	Package Printing Jelmar Publishing Co, NY 2000									
3,	Vujković I.		Poli	merna i kombin	ovana am	balaža	Poli, Novi Sad		2000				
4,	Klimchuk M.	R., Krasove	ec S. A P	ackaging Desig	n		John Willey & Sons,	Inc.	2000				
5,	Kirwan M. J.		Pap	per and paperbo	ard packa	ging technology	Blackwell Publishing	g, London	2000				



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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

i able t	5.2 Course s	specifica	tion								
Course:					Liahta			Doroontion			
Course	id:	FDS222			Lightin	es		Perception			
Number	of ECTS:	14									
Teache	'S:		Zdravkov	∕ić T. Sunčica, P	avlović S. 2	Živk	ko, Karlović Đ. Igor				
Course	status:		Elective								
Number	of active teac	hing classe	es (weekly	<i>'</i> )							
L	ectures:	Practical	classes:	Other teach	ing types:		Study resea	arch work:	Other cla	asses:	
	5	(	)	0			4		0		
Precond	lition courses			None							
1. Educ	I. Educational goal:										
Course experim Enablin usage c researc	Course objective: a) Introduction to the – history of problems related to the constancy of perception of lightness and colours – experimental data beginning with psycho-physics and ending with imaging techniques – sense nerve basis of these processes; b) Enabling students for: - individual work in the field of visual perception that combines knowledge and methods of various disciplines, - usage of obtained knowledge in asking precise experimental questions and using necessary techniques and methods for their solving, - research on the obtained experimental data and creation of new and original theoretical frames.										
2. Educ	Educational outcomes (acquired knowledge):										
It is exp the area	is expected that, at the end of the course, students are capable of – individual creation and interpretation of problems and questions in ne area, - having the knowledge of basic theoretical directions.										
3. Cours	se content/stru	icture:									
Theoret colorim Phenon disorde lightnes	Theoretical lectures. 1. Introduction: physics of colours and illumination, Newton, Helmholtz, measuring instruments, photometer and colorimeter. 2. Constancy of colours and lightness: influence of context on perception, illusions, digital and proximal stimulus. 3. Phenomenology: Katz, Kafka, Gelb and Wallach. 4. Physiology and cognitive neuroscience. Visual zones, cortical directions and disorders, imaging. 5. Modelling and neural networks. Practical classes: experimenting in the field of the perception of a methodology to data cathering and processing. Writing a paper for publiching										
4. Teacl	ning methods: s, interactive c	lasses, do	ing and su	upervising psych	o-therapy	in a	a group, survey of psyc	cho-therapy transcrip	ts, discussior	ns related	
to the s	urvey of transc	cripts and a	a plan for a	a pilot research,	practice ci	lass	ses.				
	Dra avanciaa	tion oblige	41 a.m.a	Mandatarr		1 1			Mandatan	Deinte	
Evercie	Pre-examina	ition obliga	tions	Mandatory	10.00	1.0/-	Final ex		Wandatory	Points	
	attendance			Yes	10.00	VVI	ritten part of the exam	- tasks and theory	Yes	40.00	
Project	lask			Yes	20.00		al part of the exam		165	20.00	
. reject				163	Liter		Ire				
Ord	۸	uthor			Title			Publisho	or .	Voor	
1,	Adelson, E. H	H.	Li	ghtness percepti azzaniga, The N	on and ligh ew Cogniti	ntne	ess illusions. In M. Neurosciences (pp	Cambridge, MA: MI	T Press	2000	
2	Annan, V., E	conomou, l	33 E., & Lo	39-351) ocus of error in si	multaneou	ıs li	ightness contrast	Investigative Ophth	almology	1998	
_, 3,	Gilchrist. A.	& Goldsteir	n, R. Si	multaneous cons	stancy, ligh	ntne	ess, and brightness	and Visual Science Journal of the Optic	. <u>39. 158</u> al Society o	1987	
4,	Arend, L.E., a	& Spehar, I	B. Lig	ghtness, brightne	ess, and br	rght	tness contrast: 2.	Amilina 4 Perception & Psych	ophysics,	1993	
5.	Bindman. D	& Chubb.	C Br	ightness assimil	ation in bu	llse	eve displays	Vision Research. 44	4. 309-319	2004	
6,	Bonato, F., &	Cataliotti,	J. ta	ne effects of figur	e/ground,	per	rceived area, and	Perception & Psych	ophysic	2000	
7.	Bressan. P.		Explaining lightness illusions Perception, 30, 1031-1046 20							2001	
8,	Bressan, P.		A lui nr	fair test of the ef minance gradien	fect of a sh t on the sir	nado muli	ovv-incompatible Itaneous lightness	Comment. Percepti	on	2003	
9,	Gelb, A.		Di	e *Farbenkonsta	nz* der Se	ehdi	inge	Handbuch der Norn Pathologische Psyc	nal ur choloc	1929	
			<b>!</b>								



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course: Selected Chapters in Design for Excellence Course id: IMDRPI Number of ECTS: 14 Teachers: Anišić M. Zoran, Ćosić P. Ilija Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 5 0 0 4 0 Precondition courses None 1. Educational goal: Acquiring specific knowledge in the field of comparative (simultaneous) engineering. 2. Educational outcomes (acquired knowledge): Ability to deal with scientific and research work in the field. 3. Course content/structure: Basic concept and history of DFX, Predecessors of the design for excellence, Abilities for assembly and manufacture, Basic idea and necessity of applying DFX, Diverse DFX approaches, Basic principles for DFX, Organization and Management of DFX approach, Procedure for product development, Comparative or simultaneous engineering (SE), Teamwork and cooperation, Evaluation of proposed solutions for improvement, Dimensions of DFX, Design for Assembly (DFA), Design for Manufacture (DFM), Design for Quality (DFQ), Design for Cost Optimization (DFC), Design for reliability, Design for service and maintenance, Design for safety, Design for environment protection, Design for simple usage, Design for fast market introduction, Computer-aided DFX and the integration with CAD, IIS-DFX developed tools in CAD, Tendencies for future development of the DFX approach. 4. Teaching methods: Lectures. (Mentor and students select one or more modules depending on the size of the module content.) Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. In study and research, students investigate through scientific journals and other literature independently to upgrade the lectures. In working with the teacher, student is becoming capable for individual writing of a scientific paper. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory 50.00 Theoretical part of the exam Project Yes Yes Oral part of the exam Yes Literature Ord. Author Title Publisher Integralni razvoj proizvoda - osnove Zelenović, D. i ostali FTN - Novi Sad 1998 1 Design for "X" - Concurrent Engineering Imperatives 2000 2, Chapman & Hall Huang, G. 3, Bralla, J.G Design for eXcellence McGraw-Hill 1996 Andreasen, M., Kahler, S., 4. Design for Assembly JFS Public, UK 1999 Lund. T

Points

30.00 20.00

Year



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course: Selected Chapters in Art in Graphic Engineering Course id: FDS212 Number of ECTS: 14 Teacher: Nedeljković M. Slobodan Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 5 0 0 4 0 Precondition courses None 1. Educational goal: Acquiring specific knowledge in the field of art in graphic techniques. 2. Educational outcomes (acquired knowledge): Ability to deal with scientific and research work in the field of art in graphic techniques. 3. Course content/structure: Research within contemporary approaches and principles of design, graphic art and design education, analysis of historical artistic and graphic styles. Visual rhetoric in graphic communications. 4. Teaching methods: Lectures. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally) Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Project 50.00 Oral part of the exam Yes 50.00 Yes Literature Title Year Ord Publisher Author Nedeljković, S., Nedeljković, Zavod za izdavanje udžbenika 1998 1, Grafičko oblikovanje i pismo nastavna sredstva, Beograd http://www.aber.ac.uk/media/D Daniel Chandler ocuments/S4B/semiotic.html 2007 2, Semiotics for Beginners 3, Umberto Eko Kultura komunikacija informacija Nolit Beograd 1973 4, Rudolf Arhajm Umetnost i vizuelno opažanje Univerzitet umetnosti Beograd 1981



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course:		Selected Chapters in Contemporary Graphic Systems and								
Course	id:	FDS223	Processes						-	
Number	of ECTS:	14								
Teacher	'S:		Novaković	M. Dragoljub, P	avlović S	. Živko, Kašiković D. Nem	nanja			
Course	status:		Elective							
Number of active teaching classes (weekly)										
L	ectures:	Practical	classes:	Other teachir	Other teaching types: Study research work: O				Other classes:	
	5	(	)	0		4		0		
Precond	lition courses			None						
1. Educa	ational goal:									
Acquiring specific knowledge in the field of contemporary graphic devices and systems.										
2. Educa	ational outcom	ies (acquir	ed knowled	ge):						
Ability to	deal with scie	entific and	research wo	ork in the field of	contemp	orary graphic devices and	l systems			
3. Cours	se content/stru	cture:								
Graphic processes, communication technologies, printed media, graphic technologies, graphic technologies without a master, post graphic production, production strategies in printed media, graphic systems, complex graphic systems, structure of complex graphic systems, building concepts for graphic systems, systems for printing, systems for post graphic production, systems for packaging and graphic materials inspection and quality of graphic systems.										
4. Teacl	ning methods:									
Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally).										
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	ition obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Written	part of the exa	m - tasks a	and theory	Yes	50.00	Oral part of the exam		Yes	50.00	
					Liter	ature		i		
Ord.	A	uthor			Title		Publisher		Year	
1,	Novaković, D	) <b>.</b>	Gra	afički procesi, de	olill	FTN Grafičko inženjerstvo i dizajn. Novi Sad		2012		
2,	Novaković, D	).	Gra	fički sistemi		FTN, Grafičko inženjerstvo i dizajn, elektronski oblik		2006		
3,	Kipphan, H.		Har	ndbook of Print N	/ledia		Heidelberger Druck	maschinen 2001		
4,	Novaković, D	)_	Ruk moi	Rukovanje materijalom u grafičkim sistemima, monografijaFakultet tehničkih nauka, Novi Sad, ISBN 86-80249-64-52003						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Other classes:

0

Mandatory Points

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Course: Selected Chapters in Industrial Product Modelling Course id: FDS214 Number of ECTS: 14 Teacher: Kuzmanović B. Siniša Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: 5 0 0 4 Precondition courses None 1. Educational goal: Acquiring specific knowledge in the field of industrial product modelling. 2. Educational outcomes (acquired knowledge): Ability to deal with scientific and research work in the field of industrial product modelling. 3. Course content/structure: Contemporary approaches to the definition and properties of a product. Factors influencing products. Energy demands and design. Graphic means of information. Manufacturing and technology. Automation degree. Products' manufacture manners. Necessary protection. Special demands. Life cycle of a product. Research and development of a product. Development of technologies. Defining range of products, technical characteristics and fashion characteristics of a product. Manufacture, standards, ecology and legal regulative. Systematization and identification of products. Promotion, presentation, training and sale of a product. Finishing operations. Exploitation, monitoring, technical support, development costs, evaluation of market position. 4. Teaching methods: Lectures. Consultations. Lectures are organized in combined form. The presentation of the theoretical part is followed by the corresponding examples. In addition to lectures there are regular consultations. Part of the course content can be passed in segments (making a logical unity) during lectures, and by writing a seminar paper (presented orally). Knowledge evaluation (maximum 100 points) Mandatory Points Pre-examination obligations Final exam

Written	part of the exam - tasks and theo	ory Yes	50.00	Oral part of the exam		Yes	50.00			
	Literature									
Ord.	Author	Title			Publisher		Year			
1,	Kuzmanović, S.	Menadžment proizv	/odima		Univerzitet u Novom Sadu, Ekonomski fakultet Subotica		2004			
2,	Holt, Rinehart and Winston	The sciense of eng	ineering d	lesign	P. Hill, New York		1970			
3,	Kuzmanović, S.	Metodologija konstruisanja			FTN, Novi Sad		1998			
4,	P. Trott Inovatiom Management and new product development financial time			Prentice Hall, London		2002				
5,	M. Fruht	Industrijski dizajn p	roizvoda		Beograd		1981			





FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

		-							
Course:									
Course id: SID01		Doctoral Dissertation (Theoretical Bases)							
Number of ECTS:	30								
Teachers:									
Course status:		Mandato	ry						
Number of active tead	ching classe	es (weekly	()		_				
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:				
0	(	)	0	20	0				
Precondition courses			None						
1. Educational goal:									
The application of fur methods and contem Doctoral studies.	ndamental, iporary kno	theoretica wledge fr	al and methodological, scientif om the magazines from the S	ic and professional, and professional a CI list in order to solve concrete probl	ind applicative knowledge ems within the courses at				

2. Educational outcomes (acquired knowledge):

Enabling students to individually connect the contents from the courses at Doctoral studies, apply previously acquired as well as new knowledge for observing the structure of the set problems and its systematic analysis in order to elaborate conclusions on possible directions in its solving. Through individual usage of literature, students broaden their knowledge and utilizing new methods individually and creatively, they use new knowledge in solving the set problems.

3. Course content/structure:

It is formulated individually in accordance with further research. Students read scientific literature, and perform analyses in order to find solutions for a concrete task which is defined by setting the task on the side of the supervisor and other lecturers at Doctoral studies. Theoretical bases present a classification examinations. Students are prepared to take the classification examination.

#### 4. Teaching methods:

Student's co-supervisor sets the seminar paper task and delivers it to the student. The student has the obligation to elaborate the paper within the set theme defined by the paper task, utilizing the literature proposed by the co-supervisor. During the paper elaboration, the cosupervisor can provide additional instructions to the student direct them to certain literature and additionally direct them towards the elaboration of a quality paper. During the study research work, the student has tutorials with the co-supervisor and course lecturers, and if needed, with other lecturers dealing with the problems in the field of the set paper task. Within the set theme, the student can also perform certain measuring, research, calculations, surveys and other researches, statistic data processing, if it is necessary for the task. After the defence of the paper, the candidate has to pass the oral examination in the field of the passed examinations, in front of a committee. If the examination is

Knowledge evaluation (maximum 100 points)										
	Pre-examination obligations	Mandatory	Points	Final exam		Mandatory	Points			
Term pa	aper	Yes	50.00	Oral part of the exam		Yes	50.00			
Literature										
Ord.	Author			Title	Publishe	er	Year			
1,	grupa autora	časop	časopisi sa liste Kobsona					sve		
2,	grupa autora	časop	časopisi i doktorske disertacije iz date problematike					sve		



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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:								
Course id: SID02		Doctoral Dissertation – Study and Research						
Number of ECTS: 30								
Teachers:								
Course status:		Mandato	ry					
Number of active teac	hing classe	s (weekly	()					
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:			
0	C	)	0	30	0			
Precondition courses	-		None					
1. Educational goal:								
and methods in solving concrete problems within the selected field. In this segment of Doctoral dissertation, students investigate the problem, its structure and complexity and on the basis of the performed analyses draw conclusions on possible manner in its solving. Researching the literature, students are introduced to methods attended for creative solving of new tasks and the engineering practice in their solving. The objective of students' activity within this segment of research is to acquire necessary experience through solving complex problems and tasks and recognizing the possibility for applying previously acquired knowledge in practice.								
2. Educational outcom	nes (acquire	ed knowle	dge):					
Enabling students to individually apply previously acquired knowledge from diverse areas already studied in order to observe the structure of the set problem and its systematic analysis for drawing conclusions on possible directions in its solving. Through individual usage of literature, students broaden their knowledge from the selected field and they investigate diverse methods and papers related to the similar fields. Thus, students develop the competence to perform analyses and identify problems within the set theme. Practical application of the acquired knowledge from diverse areas develops in students the ability to overview the place and the role of engineers in the selected field, the demand for cooperation with other professions and the team work.								
3. Course content/structure:								
It is formulated individually in accordance with the elaboration of the concrete Doctoral dissertation, its complexity and structure. Students read scientific literature, Doctoral dissertations by other students dealing with similar theme; they perform analyses in order to find solutions for a concrete task defined by the task of the Doctoral dissertation.								
4 Teaching methods:								

The supervisor of the Doctoral dissertation sets the dissertation task and delivers it to the student. The student has the obligation to elaborate the dissertation within the set theme defined by the Doctoral dissertation task, utilizing the literature proposed by the supervisor. During the elaboration of the Doctoral dissertation, the supervisor can provide additional instructions to the student direct them to certain literature and additionally direct them towards the elaboration of a quality Doctoral dissertation. During the study research work, the student has tutorials with the supervisor, and if needed, with other lecturers dealing with the problems in the field of the set dissertation task. Within the set theme, the student can also perform certain measuring, research, calculations, surveys and other researches, statistic data processing, if it is predicted by the task of the Doctoral dissertation.

Knowledge evaluation (maximum 100 points)										
	Pre-examination obligations	Mandatory	Points	Final ex	Final exam		Points			
Term pa	aper	Yes	50.00	Oral part of the exam	am		50.00			
	Literature									
Ord.	Author			Title	Publishe	er	Year			
1,	grupa autora	časopisi sa liste Kobson						sve		
2,	grupa autora	časop	časopisi i doktorske disertacije iz date problematike					sve		


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UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course	:								
Course	id:	SID03		Doctoral Dissertation – Study and Research					
Numbe	r of ECTS:	10							
Teachers:									
Course status: Mandatory									
Number of active teaching classes (weekly)									
L	ectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:
	0	0		0		10	)	0	
Precon	dition courses		-	None		·			
1. Educ	ational goal:								
The cor and pro segmen analyse creative researc previou	ntinuation of stu fessional, and nt of Doctoral es draw conclus solving of ne sh is to acquire sly acquired k	udy and res profession dissertatio sions on po ew tasks ar e necessary nowledge i	search from al and appli n, students ssible mann nd the engin y experienc n practice.	previous seme cative knowled investigate th ner in its solving neering practic e through solvi	ster. The ge and m e problen g. Resear e in their ing compl	application of fundamenta ethods in solving concret n, its structure and comp ching the literature, stude solving. The objective of ex problems and tasks a	al, theoretical and m the problems within the plexity and on the the ents are introduced to of students' activity and recognizing the	ethodological ne selected fie pasis of the p o methods att within this se possibility for	, scientific eld. In this performed tended for egment of r applying
2. Educ	ational outcom	nes (acquire	ed knowledg	e):					
Enablin of the s literatur fields. T acquire field, th	g students to in et problem an e, students bro hus, students d knowledge f e demand for	ndividually a d its system baden their develop the rom diverse cooperation	apply previo natic analys knowledge e competence areas dev n with other	usly acquired k sis for drawing from the select ce to perform a relops in studer professions a	nowledge conclusion ed field ar nalyses an nts the ab nd the tea	e from diverse areas alreat ns on possible directions ad they investigate divers and identify problems withi ility to overview the plac im work.	idy studied in order t in its solving. Throu e methods and pape n the set theme. Pra e and the role of en	o observe the ugh individua ers related to t actical applica gineers in the	e structure I usage of the similar tion of the e selected
3. Cour	se content/stru	icture:							
It is forr read so solutior	nulated individ cientific literatuns for a concre	ually in acc ure, Doctor ete task de	ordance wit al dissertat fined by th	th the elaborations by other starts of the class of the c	on of the c students c loctoral d	concrete Doctoral disserta dealing with similar then issertation.	ation, its complexity and the second se	and structure. alyses in orc	. Students ler to find
4. Teac	hing methods:								
The su elabora During literatur student task. W data pro	The supervisor of the Doctoral dissertation sets the dissertation task and delivers it to the student. The student has the obligation to elaborate the dissertation within the set theme defined by the Doctoral dissertation task, utilizing the literature proposed by the supervisor. During the elaboration of the Doctoral dissertation, the supervisor can provide additional instructions to the student direct them to certain literature and additionally direct them towards the elaboration of a quality Doctoral dissertation. During the study research work, the student has tutorials with the supervisor, and if needed, with other lecturers dealing with the problems in the field of the set dissertation task. Within the set theme, the student can also perform certain measuring, research, calculations, surveys and other researches, statistic data processing, if it is predicted by the task of the Doctoral dissertation.								
				Knowledge e	evaluation	(maximum 100 points)		-	
L	Pre-examination obligations Mandatory Points Final exam Mandatory Points							Points	
Ferm p	aper			Yes	50.00	Oral part of the exam		Yes	50.00
			1		Liter	ature			
Ord.	A	uthor			Title		Publish	er	Year
1,	grupa autora		časo	pisi sa liste Ko	bsona	o iz dato problematika			sve
Ζ,	grupa autora		case	IPISI I UOKIOISKE	user acij				SVE



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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:							
Course id:	se id:DZR03Doctoral Thesis - Realization and Defence of Thesis						
Number of ECTS:	mber of ECTS: 20						
Teachers:							
Course status:		Mandato	ry				
Number of active tead	ching classe	es (weekly	()				
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:		
0	(	)	0	0	20		
Precondition courses	-		None				
1. Educational goal:							
necessary to describe to the science develo the Doctoral disserta presentation, as wel	e the proble pment and ation is to o I as to resp	m, implen to the app levelop s bond to co	nent methods and procedures plication of the scientific resear tudent skills for independent omments and questions relat	and obtained results, as well as to give ch in practice. In addition, the objective paper preparation in a suitable form ed to the given topic.	new scientific contribution e of writing and defense of for the purpose of public		
2. Educational outcor	nes (acquire	ed knowle	dge):				
Training students for knowledge from othe given topic, they acq Doctoral dissertatior profession. The stu preparing the results	a systema r areas in c uire the kn n, students dent acquir s for public	tic approa rder to fir owledge gain cert res neces defense,	ach in solving the given probl ad creative solutions for a give about the complexity of the p ain experiences that can be sary experience on how to p by public defense, and by a	ems, carrying out analyses, applying I n problem. Through independent study roblems in the field of their profession applied in practice when solving prot present the results of independent or inswering questions and complaints c	knowledge and accepting ring and solving tasks in a i. Through elaboration of blems in the field of their team work in practice by of the Commission.		
3. Course content/stre	ucture:						
It is individually formed in accordance with the needs and the field covered by a given Doctoral dissertation. In agreement with a mentor, a student makes the Doctoral dissertation in a written form in accordance with the rules provided by the Faculty of Technical Sciences. The student prepares and defends the written Doctoral dissertation in public, in agreement with the mentor and in accordance with the prescribed rules and procedures.							
4. Teaching methods	:						
During the elaboration dealing within a sph Commission upon the public, and after the p	on of the l ere of the e approval o presentation	Doctoral o Doctoral of the Con n, the stud	lissertation, the student consi dissertation. The student write nmission for assessment and o lent is obliged to orally answer	ults with his/her mentor, and if nece: s the Dcotoral dissertation, and submit defense. The Defense of the Doctoral d the questions and comments.	ssary with other teachers is the bound copies to the issertation is performed in		

	U U	,	•						
Knowledge evaluation (maximum 100 points)									
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points				
Writing the PhD thesis	Yes	50.00	PhD thesis defence	Yes	50.00				



following: 1.Faculty for Graphic Engineering, Zagreb, Croatia

2. Faculty for Graphic Engineering, Kemnitz, Germany

3. Faculty for Graphic Engineering, Stuttgart, Germany

4. Faculty for Graphic Engineering, Ljubljana, Slovenia

5. Faculty for Graphic Engineering, Bitola, FYR Macedonia

The study programme is formally and structurally consistent with the adopted subjects and specific standards for accreditation and conforms to European standards in terms of enrolment, length of study, conditions of transition to a following year, graduation and method of study.



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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Standard 07. Student Enrollment

In accordance with social needs and its resources, the Faculty of Technical Sciences enrols a number of students to the Doctoral Academic Studies in Graphic Engineering and Design either to the budget financing of studies or self-financing which is defined each year by a special decision of Educational-Scientific Council of the Faculty.

The first year of doctoral studies may be enrolled by a person who has:

• the completed undergraduate academic and graduate academic studies with at least 300 ECTS credits and grade point average not less than 8.00 on the undergraduate academic and graduate academic studies - Master or equivalent grade from other rating systems, or if one belongs to 20% of the best students in the generation; or

• the academic title of Master of Science in the adequate scientific field and if the student has not obtained the PhD degree by earlier legislation within the period established by the law.

Adequate graduation studies and scientific areas are determined individually for every study programme.

In some exceptional situations enrolment may be allowed to other candidates taking differential exams. The decision on taking differential exams including the character of differential exam is made by the Commission for the enrolment of the study programme (group).

In addition, the candidate is required to know world languages and to have IT skills which guarantee the smooth attendance of classes and the use of literature.

The passed examinations can be acknowledged or partially acknowledged to students of master studies or those with the master of science degrees whose knowledge was acquired by previously existing legislation with amendment which is done by the Commission for enrolment, provided that the candidate has not spent more than four (4) years on Master of science studies.

Based on the grade point average and the duration of studies, published scientific and expert papers, the Committee for the study programme quality forms a list of applied candidates.

Committee for the study programme quality can issue a decision on organizing additional knowledge evaluation by setting a classification examination.

Priority in budget studies is given to candidates who work in the position of associates at the Faculty and those having scholarships provided by the Ministries and Secretariat for Science of AP Vojvodina.

Committee for quality evaluates all passed activities by candidates for enrolment, and determines on the basis of obtained number of points whether the candidate can enrol doctoral studies. Passed activities can be acknowledged entirely, partially or not at all.

During enrolment, the student and the Faculty conclude an agreement on the rights and obligations during studies.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies

Graphic Engineering and Design



Standard 08. Student Evaluation and Progress

DOCTORAL ACADEMIC STUDIES

The final grade in each course included in this programme is formed by continual monitoring of students` accomplishments throughout the academic year and by passing the final examination.

Students master the study programme by taking examinations and thus obtaining a certain number of ECTS credits, in accordance with the study programme. Each course within the programme is worth a certain number of ECTS credits which students obtain by successfully passing the course examination. The number of ECTS credits is based on the quantity and quality of work students are required to submit during a certain course and on the Faculty of Technical Sciences` unique methodology for all study programmes. Students` success in mastering a certain course is constantly monitored during classes and is expressed in points. Maximum number of points obtained in a course is 100.

Students obtain points from a course through their work during classes, completion of the prerequisites and taking the examination. The minimal number of points a student can obtain by fulfilling the course prerequisites during classes is 30, the maximum 70.

Each course at the study programme has a clear and transparent mode of obtaining points. There are several ways students can obtain points: by participating in different activities during classes, by fulfilling the course prerequisites and by passing the course examination.

The final success of students at a course is presented with a grade from 5 (fail) to 10 (excellent). The student's grade is based on the overall number of points obtained on fulfilling prerequisites and taking the examination, and in accordance with the quality of acquired knowledge and skills.

For students to be able to take a course examination, they have to obtain at least 15 ECTS prerequisite credits during the semester. Additional requirements for taking the examination are defined separately for every course.

The advancement of students during studies is defined by the Statute on Doctoral academic studies.

The research study on the Theoretical Framework for the Doctoral Dissertation is a qualifying examination the student has to pass before he is allowed to start writing the doctoral thesis. The student also needs to have at least one published paper in a SCI list journal (R54 according to the categorization by the Ministry of Science) and the accepted positive report on the doctoral dissertation by the Senate at the University. The way and procedure for the preparation and defence of the doctoral dissertation is determined in the general act of the Faculty, which defines the acceptance of the topic for the dissertation, the evaluation of the elaborated dissertation and the fulfilment of conditions for taking the public presentation and defence.





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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Standard 09. Teaching Staff

For the realization of the study programme in Graphic Engineering and Design, there is teaching staff with necessary professional and scientific qualifications, verified by the list of scientific papers and data on participation in national and international scientific and research projects. At least half of teachers participate in scientific and research projects. Teachers' competence is determined on the basis of scientific papers published in international magazines, where at least one paper has been published or accepted to be published in a magazine from the SCI list; scientific papers published in national magazines; papers published in proceedings from international scientific conferences; monographs; patents; textbooks; new products or significant improvements on the existing products.

The supervisor has at least five scientific papers published or accepted to be published in scientific magazines on the given field. It has been established that a supervisor cannot lead more than five Doctoral dissertation candidates simultaneously. The selection of a supervisor is determined in such a manner that each supervisor ought to have at least five papers published in the magazines from the SCI list.

The number of teachers coincides with the demands of the study programme and depends on the number of courses they lecture and the number of classes at these courses. The total number of teachers is sufficient to cover the total number of classes on the study programme, so each teacher has an average of 180 active classes (lectures, tutorials, practice classes, field classes) per year, i.e. 6 classes per week. Out of the total number of necessary teachers, all 100% are full time employed. A minimal number of teachers participating in the given study programme with full time employment is five.

Scientific and professional gualifications of the teaching staff relate to the educational and scientific field and the level of their participation. Each teacher has at least 10 references from the narrow scientific or professional field in which they lecture on the study programme.

No teacher has more than 12 classes per week. All data on teachers and assistants (CV, selections, and references) are available to the public.



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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Adžić Z. Neve	enka		
Academic title:			Full Professor					
Name of the institution where the teacher works full time and Faculty		Faculty of Te	culty of Technical Sciences - Novi Sad					
starting date:			15.09.1978					
Scier	ntific or art f	ield:	Maar	la adde di an	Mathematics			
Acad	iemic caries	er	Year					
Acad		lection:	2002	Faculty of Technical Sci	ences - Novi S	ad	Mathematics	
PhD	thesis		1990	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis		1986	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Bach	elor's thesis	S	1976	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E121	Mathe	matical Ana	Ilysis 2		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2	E221A	Matha	motion! And			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
<u>∠</u> .		watte		uyələ Z		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
3.	GG10	Mathe	matical Met	hods 3		( G00) Civi	I Engineering, Undergraduate Academic Studies	
						( M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
	N400	N 4 - 41				( M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
4.	IVI 106	Mathe	matics 2			( M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						( P00) Production Engineering, Undergraduate Academic Studies		
5	<u>9017</u>	Matho	matics 2			( S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
5.	3017	Maule	matics 2			( S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
6	S0213	Mathe	matical Stat	listics		( S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
0.	00210	Matric				(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
7.	Z104	Mathe	matics 1			( ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
8.	BMI91	Mathematics 1			( BM0) Bio Studies	medical Engineering, Undergraduate Academic		
9.	BMI92	Mathe	matics 2			( BM0) Bio Studies	medical Engineering, Undergraduate Academic	
10.	E101A	Discre	te Mathema	atics		(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(110) Indus Studies	strial Engineering, Undergraduate Academic	
11.	IM1012	Probat	oility and St	atistics		( I20) Engi Studies	neering Management, Undergraduate Academic	
						( P00) Proo Studies	duction Engineering, Undergraduate Academic	

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Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses be	eina held by th	e teacher in the	accredited study	programme

12.         IM1523         Discrete Mathematics         IM1623           12.         IM1523         Discrete Mathematics         IM1623           13.         P216         Numerical Analysis         (P00) Production Engineering, Undergraduate Academic Studies           14.         0M517         Numerical Analysis         (D01) Production Engineering, Undergraduate Academic Studies           15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           16.         D201MS         Selected Chapters in Mathematics         (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           18.         D201M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18.         D201M         Selected Chapters in Mathematics         (E10) Power, Electronic Academic Studies           18.         D201M         Selected Chap		ID	Course name	Study programme name, study type
12         IM1523         Discrete Mathematics         PLadamin Journal Studies           13.         P216         Numerical Analysis         (POD) Production Engineering Management. Undergraduate Academic Studies           14.         0M517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           16.         0Z01MS         Selected Chapters in Mathematics         (IM1) Mathematics in Engineering, Specialised Academic Studies           17.         DOM24         Numerical Solutions of Differential Equations         (IM1) Mathematics in Engineering, Specialised Academic Studies           17.         DOM24         Numerical Solutions of Differential Equations         (IM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (IM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (IM1) Mathematics in Engineering Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (IM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (IM2) Oreal Engineering Anademic Studies           19.				(M30) Energy and Process Engineering, Undergraduate
13.         P216         Numerical Analysis         (P00) Production Engineering, Undergraduate Academic Studies           14.         0M517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Specialised Academic Studies           16.         DZ01MS         Selected Chapters in Mathematics         (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (122) Engineering, Specialised Academic Studies (200) Environmental Engineering, Specialised Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Design, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Instring Engineering, Doctoral Academic Studies           19.         ALD66         Graph theory         (E20) Engineering Animation, Doctoral Academic Studies           10	12.	IM1523	Discrete Mathematics	(I20) Engineering Management, Undergraduate Academic Studies
14.         0M517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           16.         DZ01MS         Selected Chapters in Mathematics         (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies (120) Environmental Engineering, Doctoral Academic Studies           17.         DOM24         Numerical Solutions of Differential Equations         (CM1) Mathematics in Engineering, Doctoral Academic Studies           17.         DOM24         Numerical Solutions of Differential Equations         (CM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (G00) Civil Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M01) Mathematics in Engineering, Doctoral Academic Studies (M01) Mathematics in Engineering, Doctoral Academic Studies (C00) Civil Safey at Work, Doctoral Academic Studies (C00) Environmental Engineering, Doctoral Academic Studies (C00) Studies           19.         ADD6         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies (C00) Studi	13.	P216	Numerical Analysis	(P00) Production Engineering, Undergraduate Academic Studies
15.         0ML517         Numerical Analysis         (OM1) Mathematics in Engineering, Master Academic Studies           16.         DZ01MS         Selected Chapters in Mathematics         (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (OM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Andemic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F00) Graphic Engineering Animation, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F00) Carphic Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F00) Carphic Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F00) Carphic Engineering, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies           10.         N. Adzic: On the spectral solut	14.	0M517	Numerical Analysis	( OM1) Mathematics in Engineering, Master Academic Studies
16.         DZ01MS         Selected Chapters in Mathematics         (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (C0M1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E20) Computing and Control Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronica Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (I20) Industrial Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (S00) Traffic Engineer	15.	0ML517	Numerical Analysis	( OM1) Mathematics in Engineering, Master Academic Studies
16.       DZ01MS       Selected Chapters in Mathematics       (112) Industrial Engineering, Specialised Academic Studies         17.       D0M24       Numerical Solutions of Differential Equations       (OM1) Mathematics in Engineering, Doctoral Academic Studies         17.       D0M24       Numerical Solutions of Differential Equations       (CM1) Mathematics in Engineering, Doctoral Academic Studies         17.       D0M24       Numerical Solutions of Differential Equations       (CM1) Mathematics in Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (F10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (F20) Engineering Animation, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (G00) Civi Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (H00) Mechatronics, Doctoral Academic Studies         19.       ALD6       Graph theory       (F20) Engineering Animation, Doctoral Academic Studies         19.       ALD6       Graph theory       (F20) Engineering Animation, Doctoral Academic Studies         19.       ALD6       Graph theory       (F20) Engineering Animation, Doctoral Academic Studies         10.       N. Adzic, On the spectral solution fo				(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
16.       D201MS       Selected Chapters in Mathematics       (122) Engineering Management, Specialised Academic Studies         17.       D0M24       Numerical Solutions of Differential Equations       (OM1) Mathematics in Engineering, Doctoral Academic Studies         17.       D0M24       Numerical Solutions of Differential Equations       (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (F20) Camputing and Control Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (G00) Civil Engineering, Doctoral Academic Studies         18.       DZ01M       Selected Chapters in Mathematics       (G00) Civil Engineering, Doctoral Academic Studies         19.       DZ01M       Selected Chapters in Mathematics       (M00) Mechanical Engineering, Doctoral Academic Studies         19.       DZ01M       Selected Chapters in Mathematics       (M00) Mechanical Engineering, Doctoral Academic Studies         19.       DZ01M       Selected Chapters in Mathematics       (T20) Selected Mechanics, Doctoral Academic Studies         19.       ALD6       Graph theory       (F20) Engineering, Doctoral Academic Studies         19.       ALD6       Graph theory       (F20) Engineering, Doctoral Academic Studies         19.       ALD6       Graph theory				(112) Industrial Engineering, Specialised Academic Studies
17.         D0M24         Numerical Solutions of Differential Equations         (COM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (COM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         (COM1) Mathematics in Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering and Design, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F00) Graphic Engineering Animation, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (H00) Mechatronics, Doctoral Academic Studies           19.         DZ01M         Selected Chapters in Mathematics         (M00) Mechanical Engineering, Doctoral Academic Studies           10.         DZ01M         Selected Chapters in Mathematics         (M00) Mechanical Engineering, Doctoral Academic Studies           118.         DZ01M         Selected Chapters in Mathematics         (M00) Mechanical Engineering, Doctoral Academic Studies           12.         MD06         Graph theory         (E10) Power/Elepineering, Doctoral Academic Studies           13.         ALD06         Graph theory         (F20) Engineering Anim	16.	DZ01MS	Selected Chapters in Mathematics	(I22) Engineering Management, Specialised Academic Studies
17.         D0M24         Numerical Solutions of Differential Equations         COM1) Mathematics in Engineering, Doctoral Academic Studies           17.         D0M24         Numerical Solutions of Differential Equations         COM1) Mathematics in Engineering, Doctoral Academic Studies           18.         J         J         F00 Graphic Engineering, Doctoral Academic Studies         (F00) Graphic Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (F20) Engineering, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (G00) Civil Engineering / Engineering Management, Doctoral Academic Studies           18.         DZ01M         Selected Chapters in Mathematics         (M00) Mechanical Engineering, Doctoral Academic Studies           19.         DAD06         Graph theory         (F20) Engineering, Doctoral Academic Studies           10.         MAD06         Graph theory         (F20) Engineering, Doctoral Academic Studies           19.         ALD06         Graph theory         (F20) Engineering, Andcademic Studies           10.         N. Adzic. On the spectral solution for boundary value problem, ZAMM 70,(1990) 6, T647-T649.         V. Vrcelj, N. Adzic. Academic Studies           19.         N. Adzic: Modified hermite polynomials in the spectral approximation for boundary layer problems, Bulletin of the Australian mathematics, vol.3, (1991)				( Z00) Environmental Engineering, Specialised Academic Studies
18         Laboration         E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18         DZ01M         Selected Chapters in Mathematics         (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies           18         DZ01M         Selected Chapters in Mathematics         (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Mechatronics, Doctoral Academic Studies (G00) Mechatronics, Doctoral Academic Studies (H00) Mechanical Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M01) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (200) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Octoral	17.	D0M24	Numerical Solutions of Differential Equations	( OM1) Mathematics in Engineering, Doctoral Academic Studies
<ul> <li>(E20) Computing and Control Engineering, Doctoral Academic Studies</li> <li>(F20) Graphic Engineering and Design, Doctoral Academic Studies</li> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(G00) Civil Engineering, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> <li>(M00) Mechatronics, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M00) Technical Mechanics, Doctoral Academic Studies</li> <li>(M00) Functional Mechanics, Doctoral Academic Studies</li> <li>(M00) Functional Mechanics, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01) Con the spectral solution for boundary value problem, ZAMM 70.(1990) 6, T647-T649.</li> <li>V. Vereij, N. Adzic, Z. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematical society, Vol.45, (1992) 287-276.</li> <li>N. Adzic: Spectral approximation for singular perturbation problems, Bulletin of the Australian mathematical society, Vol.45, (1992) 287-276.</li> <li>N. Adzic: Nonclassical orthogonal polynomial</li></ul>				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
18.         DZ01M         Selected Chapters in Mathematics         (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechanical Engineering, Ingineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies           20.         V. Vrcelj, N. Adzic, C. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematics, Vol.39, (1991) 229-238.           30.         N. Adzic: Nooffied hermite polynomials in the spectral approximation for boundary layer problems, Bulletin of the Australian mathematical society, Vol.45, (1992) 267-276.< <eng> <td></td><td></td><td></td><td>( E20) Computing and Control Engineering, Doctoral Academic Studies</td></eng>				( E20) Computing and Control Engineering, Doctoral Academic Studies
<ul> <li>IB: DZ01M Selected Chapters in Mathematics</li> <li>IB: AID06 Graph theory</li> <li>IF: AID06 G</li></ul>				(F00) Graphic Engineering and Design, Doctoral Academic Studies
18.         DZ01M         Selected Chapters in Mathematics         (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies (M00) Environmental Engineering, Doctoral Academic Studies (200) Environmental Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies           19.         AID06         Graph theory         (F20) Engineering Animation, Doctoral Academic Studies           19.         N. Adzic, On the spectral solution for boundary value problem, ZAMM 70,(1990) 6, T647-T649.         V. Vrcelj, N. Adzic, Z. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematical society, Vol.45, (1992) 267-276.           3.         N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624.           5.         N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871.           6.         N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555.				(F20) Engineering Animation, Doctoral Academic Studies
18.       DZ01M       Selected Chapters in Mathematics       (Gi0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanics in Engineering, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctora				(G00) Civil Engineering, Doctoral Academic Studies
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<ul> <li>10. D20 IM Selected Chapters in Mathematics</li> <li>(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M40) Technical Mechanics, Doctoral Academic Studies</li> <li>(M40) Technical Mechanics, Doctoral Academic Studies</li> <li>(M01) Mathematics in Engineering, Doctoral Academic Studies</li> <li>(S00) Traffic Engineering, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01)</li></ul>	10		Coloritor Chartors in Mathematics	(H00) Mechatronics, Doctoral Academic Studies
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<ul> <li>M40) Technical Mechanics, Doctoral Academic Studies         <ul> <li>(M40) Technical Mechanics, Doctoral Academic Studies</li> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> <li>(S00) Traffic Engineering, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> </ul> </li> <li>AID06 Graph theory         <ul> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> </ul> </li> <li>N. Adzic, On the spectral solution for boundary value problem, ZAMM 70,(1990) 6, T647-T649.</li> <li>V. Vrcelj, N. Adzic, Z. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematics, Vol.39, (1991) 229-238.</li> <li>N. Adzic: Modified hermite polynomials in the spectral approximation for boundary layer problems, Bulletin of the Australian mathematical society, Vol.45, (1992) 267-276.</li> <li>N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624.</li> <li>N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871.</li> <li>N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555.</li> </ul>				( M00) Mechanical Engineering, Doctoral Academic Studies
<ul> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> <li>(S00) Traffic Engineering, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> <li>(V) Safety at Work, Doctoral Academic Studies</li> <li>(V) Vrcelj, N. Adzic, On the spectral solution for boundary value problem, ZAMM 70,(1990) 6, T647-T649.</li> <li>V. Vrcelj, N. Adzic, Z. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematical society, Vol.45, (1992) 267-276.</li> <li>N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624.</li> <li>N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871.</li> <li>N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555.</li> </ul>				(M40) Technical Mechanics, Doctoral Academic Studies
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<ol> <li>N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624.</li> <li>N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871.</li> <li>N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555.</li> </ol>	3.	N. Adzic: mathema	Modified hermite polynomials in the spectral approximation atical society, Vol.45, (1992) 267-276.<\eng>	for boundary layer problems, Bulletin of the Australian
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	6.	N. Adzic:	Spectral approximation and asymptotic behaviour of bound	lary layer problems, ZAMM74(1994)6, T-553-T555.
<ul> <li>N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854</li> </ul>	7.	N. Adzic, (1998). S	Z. Uzelac: A combination of spline and spectral approximat 853-S854	tion for a class of singularly perturbed problems, ZAMM78
8. Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999). S881-S882	8.	Z. Uzelad	c, N. Adzic: The Approximate Solution for Problems with Nor	nlocal Boundary Conditions, ZAMM79 (1999), S881-S882
<ul> <li>N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851- S852</li> </ul>	9.	N. Adzic, S852	Z. Uzelac: On spectral approximation for some two-dimens	sional singularly perturbed problems, ZAMM79 (1999), S851-
10. N. Adzic: On the spectral approximation for singularly perturbed problems,ZAMM 71(1991)6,T773-T776.	10.	N. Adzic:	On the spectral approximation for singularly perturbed prob	olems,ZAMM 71(1991)6,T773-T776.

## UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design Summary data for teacher's scientific or art and professional activity: Quotation total : 5

Quotation total :	5			
Total of SCI(SSCI) list papers :	10			
Current projects :	Domestic :	2	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Anišić M. Zor	Anišić M. Zoran				
Academic title:			Associate Pro	ofessor				
Name of the institution where the teacher works full time and starting date:			-					
Scier	ntific or art f	ield:			Production S	ystems, Org	anization and Management	
Acad	emic caries	er	Year	Institution			Field	
Acad	emic title el	ection:	2008	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management	
PhD	thesis		2002	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management	
Magi	ster thesis		1997	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management	
Bach	elor's thesis	6	1993	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	ll1012	Assem	bly Techno	logies		( I10) Indus Studies	strial Engineering, Undergraduate Academic	
						(110) Indus	strial Engineering, Undergraduate Academic	
2.	IM1011	Applie	d Operation	al Research		( I20) Engli Studies	neering Management, Undergraduate Academic	
3.	IM1013	Produc	ct Developn	nent		( I20) Engi Studies	neering Management, Undergraduate Academic	
4.	IM1112	Techn	ological and	Business Forcasting		(I20) Engineering Management, Undergraduate Academic Studies		
5.	IM1212	Decisio	on Theory			(I20) Engir Studies	neering Management, Undergraduate Academic	
	1110007	0		in Desident Life souls Man		( 112) Indus	strial Engineering, Specialised Academic Studies	
0.	IIVID567	Select	ed Chapters	s in Product Lifecycle Mar	agement	(122) Engineering Management, Specialised Academic Studies		
7.	IMDSPI	Select	ed Chapters	s in Design for Excellence	!	(112) Industrial Engineering, Specialised Academic Studies		
	5	<b>_</b> .				(110) Industrial Engineering, Master Academic Studies		
8.	PLM02	Produc	ct Developn	nent and Management in I	PLM	(I1U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies		
9.	IM2207	Techn	ology mana	gement		(I20) Engir	neering Management, Master Academic Studies	
10.	IM2213	Produc	ct and Servi	ice Management		( OM1) Ma Studies	thematics in Engineering, Master Academic	
						(I20) Engin	neering Management, Master Academic Studies	
11.	IM2216	Technomanac	ology transf iement	fer and intellectual propert	Ŋ	(I1U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies		
						(120) Engin	neering Management, Master Academic Studies	
12.	PLM02	Applie	d Product D	Development		Studies		
13.	IMDR67	Select	ed Chapters	s in Product Lifecycle Mar	nagement	(120) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
14.	IMDR91	Produc	ct Family De	evelopment and Product C	Configurators	(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
15.	IMDR92	Advan	ced Foreca	sting Methods and Techni	iques	(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
16	IMDDDI	Coloct	od Chanter	n in Dooign for Excellence		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
10.		Select				( I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
Rep	oresentative	reffere	nces (minim	num 5, not more than 10)				
1.	Ćosić, I., 7892-448	Anišić, 2	Z., Lazarevi	ić, M.: Tehnološki sistemi	u montaži, FTN	N, Novi Sad,	str.290, UDK 621.717-52(075.8), ISBN 978-86-	
Rep 1.	presentative Ćosić, I., 7892-448	e reffere Anišić, 2 8-4, 2012	nces (minin Z., Lazarevi 2	num 5, not more than 10) ić, M.: Tehnološki sistemi	u montaži, FTN	N, Novi Sad,	str.290, UDK 621.717-52(075.8), ISBN 976	

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WHKNX A.				
AN A	NULL SION	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE -				
NO. NE		Study Program	Study Programme Accreditation - PhD Studies							
Operation         Doctoral ACADEMIC STUDIES         Graphic Engineering and Design										
Rep	presentative r	efferences (minimum 5, not more th	ian 10)							
2.	Ćosić, I., A 7892-390-6	nišić, Z.: Tehnologije montaže - prir 5, 2012.	učnik za vežbe, FTN N	lovi Sad, str.255,	UDK 658.515(075.8)(076)	SBN 978-86-				
3.	Ćosić, I., A 2006. 130s	nišić, Z.: MONTAŽNE TEHNOLOGI tr., UDK: 621.88(075.8), ISBN 86-8	JE – POSTUPCI I SIS 5211-73-5.	TEMI ZA SPAJA	NJE, Novi Sad, Fakultet teh	ničkih nauka,				
4.	Anišić, Z.: F SISTEMA,	RAZVOJ POSTUPKA ZA DINAMIČI Fakultet tehničkih nauka, Novi Sad,	KO MODELIRANJE I <sup>-</sup> , 1997,	TEHNOEKONOM	SKU OPTIMIZACIJU MONT	ſAŽNIH				
5.	Anišić, Z.: S Conference 25, ISBN 8	SOME RESULTS OF THE IMPLEM on Mass Customization in Central 3-87658-96-0.	ENTATION OF THE N Europe, Rzeszow, Po	IC CONCEPT IN land: Univesrity fo	SMALL COMPANIES, 2nd or Technology and Information	International cs, 2006, str. 5-				
6.	Suzić N., A Industry; C University o ISBN 978-9	nišić Z., Ćosić I.: Reconfiguring Pro hapter 20 of Innovative Production \$ of Maribor, Faculty of Mechanical Ei )61-248-250-3	oduction and Organiza Systems Key to Future ngineeing, Maribor; Fa	tional Structures Inteligent Manuf culty of Mechanic	for Mass Customization in F acturing; Scientific Monogra al Engineering, Skopje, 201	urniture phy, Maribor, 0, str. 257-275,				
7.	Anišić, Z., ł EFFECTIV	Krsmanović, C.: ASSEMBLY INITIA E MANUFACTURING, Strojniški ve	TED PRODUCTION A stnik - Journal of Mech	S A PREREQUIS nanical Engineerir	BITE FOR MASS CUSTOMI. ng 54(2008)9, 607-618, UDC	ZATION AND C 658.5.				
8.	Firstner (Fi Polytechnic	irstner) I., Anišić Z., Takač M.: Proc a Hungarica – Journal of Applied S	duct Configurator Self- ciences, 2012, Vol. 9,	Adapting to Differ No 4, pp. 129-15	ent Levels od Customer Kn 0, ISSN 1785-8860	owledge, Acta				
9.	Suzić N., S Study of Fu	tevanov B., Ćosić I., Anišić Z., Sren ırniture Manufacturing, Strojniski ve	nčev N.: Customizing stnik = Journal of Mec	Products trough A hanical Engineeri	Application of Group Technong, 2012, ISSN 0039-2480	logy: A Case				
10.	<ul> <li>Gečevska V., Lombardi F., Čuš F., Anišić Z., Angelidis D., Veza I., Vasilevska S., Ćosić P.: PLM – Product Lifeycle Management</li> <li>Strategy for Innovative and Competitive Business Environment, Maribor, University of Maribor, Faculty of Mechanical Engineering, Faculty of Mechanical Engineering Skopje, 2010, str. 193-208, ISBN 978-961-248-250-3</li> </ul>									
Sur	mmary data fo	or teacher's scientific or art and prof	essional activity:							
Quot	tation total :		43							
Tota	I of SCI(SSCI	) list papers :	3			1.				
Curre	ent projects :		Domestic :	0	International :	1				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Atanacković I	M. Teodor		
Academic title:			Full Professor					
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starti	ng date:				18.03.1975			
Scier	ntific or art f	ield:			Deformable B	ody Mecha	nics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	1988	Faculty of Technical Scie	ences - Novi Sa	ad	Deformable Body Mechanics	
PhD	thesis		1974	Faculty of Technical Scie	ences - Novi Sa	ad	Deformable Body Mechanics	
Magi	ster thesis		1973	Faculty of Technical Scie	ences - Novi Sa	ad	Deformable Body Mechanics	
Bach	elor's thesis	6	1969	Faculty of Technical Scie	ences - Novi Sa	ad	Thermal Energetics and Thermotechnics	
List c	of courses b	eing hel	d by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	A237	Materia	al Resistan	ce		(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	H202	Streng	th of materi	als		(H00) Med	chatronics, Undergraduate Academic Studies	
						(A00) Arch	nitecture, Specialised Academic Studies	
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
2	40026	Colonti	fie Desser	h Mathad		( GI0) Geo Studies	desy and Geomatics, Specialised Academic	
э.	A0025	Scienti	Scientific Research Method			( 112) Indus	strial Engineering, Specialised Academic Studies	
					(122) Engineering Management, Specialised Acade Studies			
						( Z00) Environmental Engineering, Specialised Academic Studies		
						( E20) Computing and Control Engineering, Doctoral Academic Studies		
4.	DAU003	Selecte	ed Chapters	s in Mechanics	(H00) Mechatronics, Doctoral Academic Studies			
						( OM1) Mathematics in Engineering, Doctoral Academic Studies		
						(A00) Arcł	nitecture, Doctoral Academic Studies	
						(AS0) Sce	nic Design, Doctoral Academic Studies	
						( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Doctoral Studies	
						( F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
						(F20) Engineering Animation, Doctoral Academic Studies		
						(G00) Civi	I Engineering, Doctoral Academic Studies	
5	D7001	Scienti	fic Researc	h Method		( GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
5.	52001	SUCILI	ine i vesedi u			( H00) Med	chatronics, Doctoral Academic Studies	
						( I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
						( M00) Me	chanical Engineering, Doctoral Academic Studies	
						( M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
						(S00) Traf	fic Engineering, Doctoral Academic Studies	
						( Z00) Env Studies	ironmental Engineering, Doctoral Academic	
						(Z01) Safe	ety at Work, Doctoral Academic Studies	

Mast	TAS STUD	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NOV ENCES 21000 NOVI S	VI SAD SAD, TRG DOSIT	EJA OBRADOVIĆA 6	SUMAKNX MAL					
NO.Z		Study Program	me Accredita	ation - Ph[	D Studies	To a					
·01	LANTENS	DOCTORAL ACADEMIC STUDIES	3	Graphic	Engineering and Design	-0 HOD					
List o	of courses b	eing held by the teacher in the accred	neld by the teacher in the accredited study programmes								
	ID Course name Study programme name, study type										
( E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies											
				(E20) Computin Academic Studie	ig and Control Engineering, es	Doctoral					
				( F00) Graphic E Studies	Engineering and Design, Do	ctoral Academic					
				(F20) Engineeri	ng Animation, Doctoral Aca	demic Studies					
				(G00) Civil Engi	ineering, Doctoral Academic	c Studies					
6.	SID04	Current State in the Field		(GI0) Geodesy a	and Geomatics, Doctoral Ac	ademic Studies					
				(H00) Mechatro	nics, Doctoral Academic St	udies					
				( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies							
				(M00) Mechanical Engineering, Doctoral Academic Studi							
				( OM1) Mathematics in Engineering, Doctoral Academic Studies							
				( S00) Traffic En	gineering, Doctoral Academ	nic Studies					
				(Z00) Environme Studies	ental Engineering, Doctoral	Academic					
				(A00) Architectu	ure, Doctoral Academic Stud	dies					
7.	SID04	Present State in the Field		(AS0) Scenic De	esign, Doctoral Academic S	tudies					
				(Z01) Safety at	Work, Doctoral Academic S	tudies					
Rep	oresentative	refferences (minimum 5, not more th	an 10)								
1.	T. M. Atar	nackovic, Stability Theory of Elastic R	ods. World Scientific,	1997.							
2.	T. M. Atar	nackovic, A. Guran, Theory of Elastic	ty for Scientists and E	ngineers. Birkhau	ıser, 2000						
3.	B. D Vuja Boston 20	novic, T. M. Atanackovic, An Introduc 004	tion to Modern Variatio	onal Techniques i	in Mechanics and Engineeri	ng. Birkhauser,					
4.	T.M. Atan	ackovic, Stability of a Compressible I	Elastic Rod with Imper	fections. Acta Me	chanica. 76, 203?222 (1989	9)					
5.	T.M. Atan 80 (1989)	ackovic and M. Achenbach, Moment	curvature relations for	a pseudoplastic	beam. Continuum Mech. Th	nermodyn. 1, 73-					
6.	T.M. Atan	ackovic and I. Müller, A New form of	ther Coherency Energ	y in Pseudoelasti	city. Meccanica, 30, 467-47	4 (1995).					
7.	T. M. Atar	nackovic, Optimal shape of column w	ith own weight: bi and	single modal opti	mization. Meccanica 41, 17	73-196 (2006).					
8.	T. M. Atar Math. The	nackovic, S. Pilipovic, D. Zorica, Diffu eor. 40, 5319-5333 (2007).	sion wave equation wi	th two fractional o	derivatives of different order	. J. Phys. A:					
9.	T. M. Atar – 405 (20	nackovic, Optimal shape of an elastic 07).	rod in flexural – torsio	nal buckling. Z. A	ngew. Math. Mech.( ZAMM	) 87, No. 6, 399					
10.	T. M. Atar A/Solids,	nackovic and B. N. Novakovic, Optim 25, 154-165 (2006).	al Shape of an elastic	column on elastic	; foundation. European J. M	echanics,					
Sur	nmary data	for teacher's scientific or art and profe	essional activity:								
Quot	ation total :		220								
Tota	of SCI(SSC	CI) list papers :	120								
Curre	ent projects	:	Domestic :	1	International :	0					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Budinski-Pet			Budinski-Pet	ković M. Ljuba				
Acad	emic title:				Full Professor			
Nam	e of the inst	itution w	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
Starti	ng date:	ioldi			01.10.1989			
Acad		ieia.	Voor	Institution	Physics		Field	
Acad		action:	2000				Physics	
	thesis	ection.	1008	Faculty of Sciences - No	wi Sad		Physics	
Magi	ster thesis		1996	Faculty of Physics - Beo	orad		Physics	
Bach	elor's thesis	5	1988	Faculty of Sciences - No	vi Sad		Physics	
List c	of courses b	eing hel	d by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E215	Physic	s			( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
						( F10) Eng Studies	ineering Animation, Undergraduate Academic	
2.	H101	Physic	S			( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
						(H00) Med	chatronics, Undergraduate Academic Studies	
3.	IAFI01	Colors	and Light			(F10) Eng Studies	ineering Animation, Undergraduate Academic	
4.	BMI93	Physic	s			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
	570/50	Selected Chapters in Dhusics				( 112) Indus	strial Engineering, Specialised Academic Studies	
5.	DZ01FS					(I22) Engi Studies	neering Management, Specialised Academic	
						Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
						<ul> <li>(E20) Computing and Control Engineering, Doctoral Academic Studies</li> <li>(F00) Graphic Engineering and Design, Doctoral Academic Studies</li> </ul>		
						(G00) Civil Engineering, Doctoral Academic Studies		
						( GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
						(H00) Mechatronics, Doctoral Academic Studies		
6.	DZ01F	Selecte	ed Chapters	s in Physics		( 120) Industrial Engineering / Engineering Managemen Doctoral Academic Studies		
						( M00) Me	chanical Engineering, Doctoral Academic Studies	
						( M40) Tec	chnical Mechanics, Doctoral Academic Studies	
						( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
						( S00) Traf	fic Engineering, Doctoral Academic Studies	
						( Z00) Env	ironmental Engineering, Doctoral Academic	
						(Z01) Safety at Work, Doctoral Academic Studies		
Ren	oresentative	reffere	nces (minim	num 5, not more than 10)		, , , , , , , , , , , , , , , , , , , ,		
1.	Budinski-	Petkovio n a trian	ć Lj., Lonča gular lattice	rević I., Petkovic M., Jaks Physical Review F 201	ic Z., Vrhovac	S.: Percolat	tion in random sequential adsorption of extended 1-8	
2.	Šćepanov with cons	vić J., Lo trained	ončarević I. movements	, Budinski-Petković Lj., Ja on a triangular lattice. Ph	kšić Z., Vrhova iysical Review	ac S.: Relax E, 2011, Vo	ation properties in a diffusive model of k-mers I. 84, No 031109, pp. 1-13	
3.	Budinski- adsorptio	Petkovio n of exte	ć Lj., Lonča ended obje	rević I., Jakšić Z., Vrhovac cts on a triangular lattice, I	c S., Švrakić N Physical Revie	.: Simulatio w E, 2011, V	n study of anisotropic random sequential Vol. 84, No 5, pp. 5160-1	

4	TAS STUR		UNIVERSITY OF NO	VI SAD		NHKHX H		
AND AND	NULL STOR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
0.2		Study Programme Accreditation - PhD Studies						
·0	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HOD HOD		
Re	presentative r	efferences (minimum 5, not more th	an 10)					
4.	4. Lončarević I., Budinski-Petković Lj., Vrhovac S., Belić A.: Generalized random sequential adsorption of polydisperse mixtures on a one-dimensional lattice, Journal of Statistical Mechanics: Theory and Experiment, 2010, ISSN 1742-5468							
5.	Lončarević I., Budinski-Petković Lj., Vrhovac Lj., Belić A.: Adsorption, desorption, and diffusion of k-mers on a one-dimensional lattice, Physical Review E, 2009, Vol. 80, No 2							
6.	6. Budinski-Petković Lj., Vrhovac S., Lončarević I.: Random sequential adsorption of polydisperse mixtures on discrete substrates, Physical Review E, 2008, Vol. 78, No 061603, pp. 1-7							
7.	Lončarević lattice , Th	I., Budinski-Petković Lj., Vrhovac S e European Physical Journal E, 200	.: Simulation study of 07, Vol. 24, pp. 19-26,	random sequenti ISSN 1292-8941	al adsorption of mixtures on	a triangular		
8.	Lončarević Physical Re	I., Budinski-Petković Lj., Vrhovac S eview E, 2007, Vol. 76, No 031104,	.: Reversible random pp. 1-9	sequential adsorp	ption of mixtures on a triang	ular lattice,		
9.	Arsenović [ vertical tap	., Vrhovac S., Jakšić Z., Budinski-F bing, Physical Review E, 2006, Vol.	Petković Lj., Belić A.: S 74	imulation study o	f granular compaction dyna	mics under		
10.	Lj. Budinski-Petković and S. B. Vrhovac: Memory effects in vibrated granular systems: Response properties in the generalized random seguential adsorption model, The European Physical Journal E, 2005, Vol. 16, pp. 89-96, ISSN 1292-8941							
Su	Summary data for teacher's scientific or art and professional activity:							
Quot	tation total :		75					
Tota	l of SCI(SSCI)	list papers :		1	1			
Curr	ent projects :		Domestic :	1	International :	1		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Cvetićanin J. Livija			
Acad	emic title:				Full Professor			
Nam	e of the inst	titution v	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				12.11.1975			
Scientific or art field:					Machine Mec	hanics		
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	1992	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Mechanics	
PhD	thesis		1981	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanical Engineering	
Magi	ster thesis		1977	Faculty of Mathematics	- Beograd		Mechanics	
Bach	elor's thesis	S	1975	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanical Engineering	
List o	of courses b	eing hei	ld by the tea	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	IAKI01	Select	ed Chapters	s in Kinematics		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
						(M20)Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
2	M103	Mecha	inics 1			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
						(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						( M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
3.	M107	Mechanics 2				( M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
						( M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						( P00) Proo Studies	duction Engineering, Undergraduate Academic	
						( M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
4	M201	Moobo	nico 2			(M30) Energy and Process Engineering, Undergraduate Academic Studies		
4.	M201	Mechanics 3			(M40)T Undergr		chnical Mechanics and Technical Design, uate Academic Studies	
						( P00) Production Engineering, Undergraduate Academic Studies		
						( M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
5.	M2411	Theory	/ of Oscillati	ion		(M40) Technical Mechanics and Technical Desig Undergraduate Academic Studies		
						( P00) Proo Studies	duction Engineering, Undergraduate Academic	
						( M00) Me	chanical Engineering, Doctoral Academic Studies	
6.	DM405	Chaos	in Dynamic	c Systems		( M40) Tec	chnical Mechanics, Doctoral Academic Studies	
			-			( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
7		Nonlin	erar Oscilla	tions		( M00) Me	chanical Engineering, Doctoral Academic Studies	
1.			Crai Uscilla	0010		( M40) Tec	hnical Mechanics, Doctoral Academic Studies	
8.	FDS143	Select	ed Chapters	s in Technical Mechanics		(F00) Graphic Engineering and Design, Doctoral Academic Studies		
Rep	oresentative	e reffere	nces (minim	num 5, not more than 10)				
1.	1. 1.L. Cveticanin, Dynamics of Machines with Variable Mass, Gordon and Breach Science Publishers, London, p.236, 1998.							
2.	L. Cvetica March-Ap	anin, Pa oril 2007	rticle separ , Pages 27	ation from a four-particle-s 0-285.	system, Europe	ean Journal	of Mechanics - A/Solids, Volume 26, Issue 2,	

1	AS STIL		UNIVERSITY OF NO	VI SAD		NYWY .		
AN	NOILO R	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSII	TEJA OBRADOVIĆA 6	STATE		
N N N N N N N N N N N N N N N N N N N		Study Programme Accreditation - PhD Studies						
4	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design			
Rep	presentative re	efferences (minimum 5, not more th	an 10)					
3.	3. L. Cveticanin, Homotopy-perturbation method for pure non-linear differential equation, Chaos, Solitons and Fractals, Vol.30, 2006, 1221-1230							
4.	4. L. Cveticanin, Free vibration of a Jeffcott rotor with pure cubic non-linear elastic property of the shaft, Mechanism and Machine Theory, Vol.40, 2005, 1330-1344.							
5.	5. L. Cveticanin, Approximate solution of a strongly non-linear complex differential equation, Journal of Sound and Vibration, Vol.284, No.1-2, 2005, pp.503-512.							
6.	L. Cvetican	in, Vibrations of the non-linear oscil	lator with quadratic no	on-linearity, Physic	ca A, Vol.341, 2004, pp.123	-135.		
7.	M. Zukovic, and Machir	L. Cveticanin, R. Maretic, Dynamic e Theory, Vol.58, 2012, 1-12.	cs of the cutting mecha	anism with flexible	e support and non-ideal forc	ing, Mechanism		
8.	L. Cvetican connection,	in, M. KalamiYazdi, H. Askari, Z. Sa Mechanics Research Communicat	aadatnia, Vibration of a tions 43 (2012) 22-28.	a two-mass syste	m with non-integer order no	nlinear		
9.	L.Cveticani	n, Oscillator with fraction order rest	oring force, Journal of	Sound and Vibra	tion, Vol.320, 2009, 1064-10	077.		
10.	L. Cvetican	in, Pure odd-order oscillators with c	constant excitation, Joi	urnal of Sound an	d Vibration, Vol.330, 2011,	976-986.		
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	tation total :		706					
Tota	l of SCI(SSCI)	list papers :	134					
Curre	ent projects :		Domestic :	2	International :	0		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Ćosić P. Ilija				
Acad	emic title:				Full Professor				
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starting date:			22.12.1972	22.12.1972					
Scier	ntific or art f	ield:			Production Sy	/stems, Org	anization and Management		
Acad	emic caries	er	Year	Institution			Field		
Acad	lemic title el	ection:	1993	Faculty of Technical Scie	ences - Novi Sa	ad	Production Systems, Organization and Management		
PhD	thesis		1983	Faculty of Technical Scie	ences - Novi Sa	ad	Production Systems, Organization and Management		
Magi	ster thesis		1979	Faculty of Technical Scie	ences - Novi Sa	ad	Production Systems, Organization and Management		
Bach	elor's thesis	S	1972	Faculty of Mechanical E	ngineering - No	ovi Sad	Mechanical Engineering		
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1	M316	Produc	ction System	ne		( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
1.	M510	FIUUU	Production Systems				hnical Mechanics and Technical Design, uate Academic Studies		
2.	II1017	Produc	ction Syster	n Design		(110) Indus Studies	strial Engineering, Undergraduate Academic		
3.	II1053	Production Systems				(F00) Gra	phic Engineering and Design, Undergraduate Studies		
						(P00) Prod Studies	Suction Engineering, Undergraduate Academic		
4.	IM1027	Production systems				( I20) Engi Studies	neering Management, Undergraduate Academic		
	-		, <b>,</b>			( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
						( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
5	IM1039	Funda	mentals of (	Operations management		( S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
0.	1011000	r undamentais of Operations management				(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
						( ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
6	IM1116	Mork 9	Study and E	irgonomics		(110) Indus Studies	strial Engineering, Undergraduate Academic		
0.	INTTIO	WORK		rgonomica		(I20) Engineering Management, Undergraduate Academic Studies			
7.	ZR401A	Scienc	e on Work			(Z01) Safe	ety at Work, Undergraduate Academic Studies		
		Select	ed chanters	in enternrise's design or	nanization	( 112) Indus	strial Engineering, Specialised Academic Studies		
8.	IMDR0S	and co	ontrol	an enterprise s design, or	ganization	( I22) Engi Studies	neering Management, Specialised Academic		
9.	IMDSPI	Select	ed Chapters	s in Design for Excellence		( I12) Indu	strial Engineering, Specialised Academic Studies		
						(I20) Engi	neering Management, Specialised Professional		
10.	IS001	Effecti	ve managei	ment		Studies (IB0) Engi Profession	neering Management - MBA, Specialised al Studies		
11.	ZR502	Occup	ational Risk	Assessment		( Z01) Safe	ety at Work, Master Academic Studies		
12.	IIDS5	Select and co	ed chapters Introl	in enterprise's design, or	ganization	( 112) Indus	strial Engineering, Specialised Academic Studies		
13.	IIDS9	Effecti	ve Producti	on and Service Systems		( 112) Indus ( 122) Engi	strial Engineering, Specialised Academic Studies		
						Studies	(122) Engineering Management, Specialised Academic Studies		

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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



### Study Programme Accreditation - PhD Studies

'Ot	LANTEN	DOCTORAL ACADEMIC STUDIES	Graphic Engineering and Design		
List c	of courses b	eing held by the teacher in the accredited study programme	S		
	ID	Course name	Study programme name, study type		
14.	IM2101	Intelligent Enterprising and Effective Management	(M50) Energy Management, Master Academic Studies (I20) Engineering Management, Master Academic Studies		
15.	IM2102	Manufacturing strategy (KAIZEN, LEAN, KANBAN, EFPS)	<ul><li>(110) Industrial Engineering, Master Academic Studies</li><li>(M50) Energy Management, Master Academic Studies</li><li>(I20) Engineering Management, Master Academic Studies</li></ul>		
16.	IM2119	Layout and location of the enterprise	(I20) Engineering Management, Master Academic Studies		
17.	IM2124	Production and Service Systems	(H00) Mechatronics, Master Academic Studies (M50) Energy Management, Master Academic Studies		
18.	IMDR0	Science of Industrial Engineering and Management	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
19.	IMDR31	Effective Production and Service Systems	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
20.	IMDR56	Traceability of Product Lifecycle	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
21.	IMDR57	Strategic Planning and Designing Procedures and Systems at the End of Product Lifecycle	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
22.	IMDRPI	Selected Chapters in Design for Excellence	<ul> <li>(F00) Graphic Engineering and Design, Doctoral Academic Studies</li> <li>(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> </ul>		
23.	IMDR5	Selected chapters in enterprise's design, organization and control	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
24.	IMDR85	Effective technological and production structures	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
25.	ZRD27A	Operations management in the security and occupational	(Z01) Safety at Work, Doctoral Academic Studies		

26. ZRD28A Selected topics in the science of occupational safety Representative refferences (minimum 5, not more than 10)

safety

2

Cosić I.: Development of Knowledge-Based Syslem for the Configuration of Assembly Systems, Knowledge-Based Selection arid 1 Arragement of Parts Bins at Assembly Workplaces (TEBES) - Europian Communities Brusseles, 1991

(Z01) Safety at Work, Doctoral Academic Studies

Pečujlija M., Ćosić I., Ivanišević V.: A professor's moral thinking at the abstract level vs the professor's moral thinking in real life situation (consistency problem), Science and Engineering Ethics, 2011, Vol. 17, No 2, pp. 299-320, ISSN 1353-3452

Zelenović D., Ćosić I., Šormaz D., Šišarica Z.: An approach to the design of more effective production systems , International 3 Journal of Production Research, 1987, Vol. 25, No 1, pp. 3-15, ISSN 0020-7543

Suzić N., Stevanov B., Ćosić I., Anišić Z., Sremčev N.: Customizing Products trough Application of Group Technology: A Case 4 Study of Furniture Manufacturing, Strojniski vestnik = Journal of Mechanical Engineering, 2012, ISSN 0039-2480 Borocki J., Ćosić I., Lalić B., Maksimović R.: Analysis of Company Development Factors in Manufacturing and Service Company: 5 a Strategic Approach, Strojniski vestnik = Journal of Mechanical Engineering, 2011, Vol. 57, No 1, pp. 55-68, ISSN 0039-2480, UDK: DOI:10.5545/sv-jme.2010.030 Tešić Z., Lalić D., Ćosić I., Mitrović V.: Integration of information for manufacturing shop control, Strojniski vestnik = Journal of 6 Mechanical Engineering, 2010, Vol. 56, No 3, pp. 217-223, ISSN 0039-2480 Tekić Ž., Ćosić I., Katalinić B.: House of Knowledge Model: Knowledge, Co-creation, Innovation, 5. International Conference on 7

Mass Customization and Personalization in Central Europe MCP-CE, Novi Sad: Faculty of Technical Sciences, 19-21 Septembar, 2012, pp. 247-251, ISBN 978-86-7892-432-3 Tekić Ž., Ćosić I., Katalinić B.: Framing Knowledge in Business Context, 21. DAAAM International Symposium, Zadar: DAAAM 8 International, 20-23 Oktobar, 2010, pp. 555-557, ISBN 1726-9679 Novaković D., Ćosić I.: System model of an automated design of complex graphic systems, Novi Sad, Faculty of technical 9 sciences, Machine Design, 2007, str. 65-70, ISBN 867892038-6 Lalić B., Ćosić I., Poli M.: Project Strategy Matching Project Structure to Project Type to Achieve Better Success, International 10 Journal of Industrial Engineering and Management - IJIEM, 2010, Vol. 1, No 1, pp. 29-40, ISSN 2217-2661 Summary data for teacher's scientific or art and professional activity

Quotation total :	96						
Total of SCI(SSCI) list papers :	15						
Current projects :	Domestic :	2	International :	2			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Doroslovački D. Rade			
Acad	lemic title:				Full Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:					01.10.1978			
Scier	ntific or art f	ield:			Mathematics		-	
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	2000	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics	
PhD	thesis		1989	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis		1984	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Bach	elor's thesis	S	1976	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	E213	Discre	te Mathema	atics and Linear Algebra		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
						( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Sofi Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
2.	E101	Discre	te Mathema	atics		(ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
3.	E101A	Discre	te Mathema	atics		( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
4.	IM1523	Discre	te Mathema	atics		(I20) Engineering Management, Undergraduate Academic Studies		
5.	IM1706	Actuerial Mathematics				(I20) Engir Studies	neering Management, Undergraduate Academic	
6	SEOOOD	Discre	te Mathema	atics		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
0.	320009	DISCIE		alles		(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
7.	0M503	Combi	natorics an	d Graph Theory		(OM1) Mathematics in Engineering, Master Academic Studies		
8.	0M509	Applie	d Abstract A	Algebra		(OM1) Mathematics in Engineering, Master Academic Studies		
9.	0M511	Geom	etry			( OM1) Ma Studies	thematics in Engineering, Master Academic	
10.	0ML503	Combi	natorics an	d Graph Theory		( OM1) Ma Studies	thematics in Engineering, Master Academic	
11.	0ML509	Applai	d Abstract A	Algebra		( OM1) Ma Studies	thematics in Engineering, Master Academic	
12.	0ML511	Geom	etry			( OM1) Ma Studies	thematics in Engineering, Master Academic	
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						( I12) Indus	strial Engineering, Specialised Academic Studies	
13.	DZ01MS	Select	ed Chapters	s in Mathematics		(I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
14.	OM519	Actuer	ial Mathem	atics		( OM1) Mathematics in Engineering, Master Academic Studies		
15.	OML519	Actuer	ial Mathem	atics		( OM1) Ma Studies	thematics in Engineering, Master Academic	

4	UNIVERSITY OF NOVI SAD									
A A	A BOR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE				
NO J		Study Program	me Accredit	ation - Phi	) Studies					
1KO	MANTEN			Graphic	Engineering and Design	HOBN HOBN				
List o	List of courses being held by the teacher in the accredited study programmes									
	ID	Course name		Study program	me name, study type					
16.	D0M08	Applied Abstract Algebra		( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
17.	D0M17	Combinatorics		( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
18.	D0M20	Graph Theory		( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
19.	D0M34	Actuarial Mathematics		( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
20.	DOM31	Combinatorial Matrix Theory		( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
				( E10) Power, El Engineering, Do	ectronic and Telecommuni ctoral Academic Studies	cation				
				( E20) Computin Academic Studie	ig and Control Engineering, es	, Doctoral				
				( F00) Graphic E Studies	Engineering and Design, Do	octoral Academic				
				(F20) Engineeri	ng Animation, Doctoral Aca	ademic Studies				
				(G00) Civil Engi	ineering, Doctoral Academi	c Studies				
				(GI0) Geodesy and Geomatics, Doctoral Academic Studies						
21	D701M	Selected Chapters in Mathematics		(H00) Mechatro	nics, Doctoral Academic St	tudies				
21.	DZUTIVI	Selected Chapters in Mathematics		(I20) Industrial E Doctoral Acader	Engineering / Engineering N nic Studies	Management,				
				(M00) Mechanio	cal Engineering, Doctoral A	cademic Studies				
				(M40) Technica	I Mechanics, Doctoral Acad	demic Studies				
				( OM1) Mathema Studies	atics in Engineering, Doctor	ral Academic				
				(S00) Traffic En	gineering, Doctoral Acader	nic Studies				
				(Z00) Environmental Engineering, Doctoral Academic Studies						
				(Z01) Safety at	Work, Doctoral Academic S	Studies				
Rep	presentative	refferences (minimum 5, not more th	an 10)							
1.	R. Dorosle	ovački, R. Tošić and I. Stojmenović: (	Generating and countir	ng triangular syste	em, BIT: 27(1987) 18-24, k	Kobenhavn, R 54				
2.	R. Doroslo mathemat	ovački , R . Tošić i J. Gutman: Topol tical chemistry (19) (219-228) Max- P	ogical properties of be lank-Institut fur Stranh	nzenoid systems, lenchemije, Mulh	, XXXVIII, the boundary co eim (1986)	de, Match in				
3.	Rade Dor	oslovački: Binary Sequences without	0110, Matematički v	esnik, Mathemati	ical Society of Serbia, 46 (1	1994), 93-98.				
4.	Rade Dor	oslovački: On binary n-words with for	bidden 4-subwords, (1	997/01) Novi Sad	Juornal of Mathematics.					
5.	R. Dorosle	ovački, J. Pantović, G.Vojvodić: Note	on Itersection of Maxi	mal Clones, (199	8/02) Novi Sad, Journal of	Mathematics.				
6.	R. Doroslo and Comp	ovački, J. Pantović, G. Vojvodić: Clas olement, Matematički vesnik,, Mather	sification of Maps by t natical Society of Serb	heir Membership ia, 51, (1999), 21	in Maximal Clones that cor -28	ntain Minimum				
7.	Rade Dor Mathemat	oslovački, Jovanka Pantović and Gra tical Journal, 55 (130),2005, 719-72	dimir Vojvodić: One In 4, (R52)	terval in the Lattic	ce of Partial Hyperclones, C	Czechoslovaka				
8.	O. Bodrož DIVISION	a-Pantić, R. Doroslovački, K. Doroslo OF A REGION INTO TWO," in Rock	ovački, AN ELEMENTA vy Mountain Journal of	ARY PROOF OF Mathematics, Vo	A THEOREM CONCERNIN	NG THE				
9.	O. Bodrož Vol.35,No	ža-Pantić, R. Doroslovački, The Gutm .2, Februar 2004, R 51.	an formulas for algebr	aic structure cour	nt, Journal of Mathematical	Chemistrz				
10.	Ratko Toš Multiple V	šić, Gradimir Vojvodić, Dragan Mašul alued Logic, An International Journal	ović, Rade Doroslovač (Journal of Multiple-V	ki, Jovanka Rosio alued Logic and S	ć: Two examples of relative Soft Computing), (1996), Vo	e completeness, pl. 2, pp. 67-78.				
Sur	mmary data	for teacher's scientific or art and profe	essional activity:							
Quot	tation total :		60							
Tota	l of SCI(SSC	CI) list papers :	5	-						
Curre	ent projects		Domestic :	0	International :	0				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name: Foli			Folić J. Radomir				
Acad	emic title:				Emeritus Professor			
Nam	e of the inst	itution w	here the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
starti	ng date:				01.03.1980			
Scier	ntific or art f	ield:			Constructions in Civil Engineering			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2008	Faculty of Technical Scie	ences - Novi Sa	ad	Constructions in Civil Engineering	
PhD	thesis		1983	Faculty of Civil Engineer	ing - Beograd		Theory of Construction	
Magi	ster thesis		1974	Faculty of Civil Engineer	ing - Zagreb		Theory of Construction	
Bach	elor's thesis	6	1963	Faculty of Civil Engineer	ing - Beograd		Constructions in Civil Engineering	
List c	of courses b	eing hel	d by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
						(A00) Arch	nitecture, Specialised Academic Studies	
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
		o ·	<b>.</b> .			( GI0) Geo Studies	desy and Geomatics, Specialised Academic	
1.	A002S	Scienti	TIC Researc	n Method		( 112) Indus	strial Engineering, Specialised Academic Studies	
						( I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
2.	GG505	Concrete Bridges				(G00) Civil	Engineering, Master Academic Studies	
3.	GS015	5 Scientific Research Method				(G10) Ene Studies	ergy Efficiency in Buildings, Specialised Academic	
4.	A120S	Proces, principi i tehnike naučnog istraživa			nja-odabrana	(A00) Arcł	nitecture, Specialised Academic Studies	
5.	GG531	Odabra	ana poglavl	ja zidanih konstrukcija		(G00) Civil	Engineering, Master Academic Studies	
6.	DGI002	Selecte	ed Chapters	s in Engineering Geodesy		(GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
						(A00) Architecture, Doctoral Academic Studies		
						(AS0) Scenic Design, Doctoral Academic Studies		
						( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies	
						(E20) Computing and Control Engineering, Doctoral Academic Studies		
						(F00) Graphic Engineering and Design, Doctoral Academic Studies		
						( F20) Eng	ineering Animation, Doctoral Academic Studies	
						( G00) Civi	I Engineering, Doctoral Academic Studies	
						(GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
7.	DZ001	Scienti	fic Researc	h Method		(H00) Med	chatronics, Doctoral Academic Studies	
						( I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
						( M00) Me	chanical Engineering. Doctoral Academic Studies	
						(M40) Tec	chnical Mechanics. Doctoral Academic Studies	
						(OM1) Ma	thematics in Engineering, Doctoral Academic	
						(S00) Traf	fic Engineering, Doctoral Academic Studies	
						(Z00) Env	ironmental Engineering. Doctoral Academic	
						Studies	5 <u>5</u> , <u></u>	
						(Z01) Safe	ety at Work, Doctoral Academic Studies	
8.	A120	Proces poglav	s, principi i t Ija(uneti na	ehnike naučnog istraživar ziv na engleskom)	nja - odabrana	(A00) Arcł	nitecture, Doctoral Academic Studies	
9.	GD027	Proces	s, principle	s and techniques of scien	tific research	( G00) Civi	l Engineering, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minim	um 5, not more than 10)				

						1			
S	TAS STUD		UNIVERSITY OF NO	VI SAD		UNYKHX Ha			
ANN A	ORL	FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6				
200000		Study Programme Accreditation - PhD Studies							
.0	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HOS			
Re	Representative refferences (minimum 5, not more than 10)								
1.	Folić, R. (19 Ekonomika	983): Spojevi i veze montažnih betc , Beograd, str. 117-167. (9 autorski	onskih zgrada. U knjizi h tabaka)	Montažni građevi	inski objekti, (Ed. B. Žeželj,	A.Flašar)			
2.	Folić, R. (19 Građevinsk	983): Statika konstrukcija - Zbirka re a knjiga, Beograd (1991).	ešenih zadataka. FTN	IIG, Novi Sad, str	. 1-486. II izdanje (1987). II	l izdanje			
3.	Folić, R., Tatomirović, M. (1999): Spregnute betonske konstrukcije-I deo. Građevinski kalendar, 1999. str. 289-386; II deo, Građevinski kalendar, 2001, str. 217-290								
4.	4. Folić, R. (1991): Classification of damage and its causes as applied to precast concrete buildings. Material and Structures. RILEM - Journal, Chapman & Hall, Vol. 24, pp. 276-285.								
5.	5. Folić, R., Ivanov, D. (1991): In situ behaviour of concrete structures deterioration of concrete, influence of earthquake and a fire in Diagnosis of Concrete Structures - State of the Art Report, Ed. by T. Javor, Expertcentrum, Bratislava, pp. 135-146.								
6.	Folić, R. (19 IIG Posebn	985): Analiza aktivne širine ploče i ç o izdanje 7, Novi Sad, str. 1-193.	graničnih stanja kod ele	emenata od armir	anog i prethodno napregnu	itog betona. FTN			
7.	Folić, R., R July/August	adonjanin, V. (1998): Experimental t 1998, pp.463-470.	research on polymer r	nodified concrete	, Materials Journal, ACI, V	OL. 95 No. 4,			
8.	Folić, R. (19 RILEM - Jo	991): A classification of damage to urnal, Chapman & Hall, Vol. 24, pp	concrete buildings in e . 286-292.	arthquakes, illust	rated by examples. Materia	l and Structures,			
9.	Javor, T., N Chapman &	laus, D.J., Folić, R., Zakić, B.: (199 & Hall, Vol. 25, pp. 437-440.	2): Diagnosis of Concre	ete Structures. RI	LEM - Journal Materials an	d Structures,			
10.	Folić, R., R July/August	adonjanin, V. (1998): Experimental t 1998, pp.463-470.	research on polymer r	nodified concrete	, Materials Journal, ACI, V	OL. 95 No. 4,			
Su	mmary data fo	r teacher's scientific or art and prof	essional activity:						
Quo	tation total :		11						
Total of SCI(SSCI) list papers : 8									
Curr	ent projects :		Domestic :	2	International :	1			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Gilezan K. Silvia			
Acad	lemic title:				Full Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				01.04.1984			
Scier	ntific or art f	ield:	X	1	Mathematics	Mathematics		
Acad	lemic caries	er	Year					
Acad	lemic title el	lection:	2005	Faculty of Technical Sci	ences - Novi Si	ad	Mathematics	
PhD	thesis		1993	Faculty of Sciences - No	De a sura d		Mathematical Sciences	
Magi	ster thesis		1988	Faculty of Mathematics	- Beograd		Mathematical Sciences	
Bach		S sing ha		Faculty of Sciences - No		-	Mathematical Sciences	
LISU		eing ne	id by the tea			.5		
	ID	Course	e name			Study pro	gramme name, study type	
1	GH404	Mathe	matical Stat	tistics		(G00) Civil	Engineering, Master Academic Studies	
	011-0-	Matric				(G00) Civil	Engineering, Undergraduate Academic Studies	
2.	GI303B	Probal	oility and Ma	athematical Statistics		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
3.	IAM003	Forma	I Mathemat	ical Models		( F10) Eng Studies	ineering Animation, Undergraduate Academic	
	0011					(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
4.	5011	Mathe	matics 1			(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						( Z01) Safe	ety at Work, Undergraduate Academic Studies	
						( ZP0) Disaster Risk Management and Fire Safety,		
5.	Z203	Statist	ical Method	s		Undergraduate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
						(110) Indus Studies	strial Engineering, Undergraduate Academic	
6.	IM1012	Probat	bility and St	atistics		(120) Engineering Management, Undergraduate Academic Studies		
						( P00) Proo Studies	duction Engineering, Undergraduate Academic	
7.	0M506	Semar	ntics of Prog	gramming Languages		(OM1) Mathematics in Engineering, Master Academic Studies		
8.	0M507	Logic i	n Compute	r Science		( OM1) Ma Studies	thematics in Engineering, Master Academic	
9.	0M513	Introdu	uction to Fu	nctional Programming Lar	nguages	( OM1) Ma Studies	thematics in Engineering, Master Academic	
10.	0ML506	Semar	ntics of prog	ramming languages		( OM1) Ma Studies	thematics in Engineering, Master Academic	
11.	0ML507	Logic i	n computer	science		( OM1) Ma Studies	thematics in Engineering, Master Academic	
12.	0ML513	Introdu	uction to Fu	nctional Programming Lar	nguages	( OM1) Ma Studies	thematics in Engineering, Master Academic	
						(E11) Pow Engineerin	er, Electronic and Telecommunication g, Specialised Academic Studies	
						( 112) Indu	strial Engineering, Specialised Academic Studies	
13.	DZ01MS	Select	ed Chapters	s in Mathematics		( I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Environmental Engineering, Specialised Academic Studies		
						(G00) Civil Engineering, Master Academic Studies		
14.	GH404	Mathe	matical Stat	tistics		(G00) Civil	Engineering, Undergraduate Academic Studies	
15.	SD0M06	Loaic i	n Compute	r Science		(GI0) Geo	desy and Geomatics, Specialised Academic	
	02 01100					Studies		

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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List hold by the teacher in the appredited study are

LISU		leng heid by the teacher in the accredited study programming				
	ID	Course name	Study programme name, study type			
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engledskom), Master Academic Studies			
17.	D0M05	Semantics of Programming Languages	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
18.	D0M06	Logic in Computer Science	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
19.	D0M11	Models of Computation	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
20.	D0M12	Introduction to Functional Programming Languages	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
21.	D0M13	Theory of Mobile Processes	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
22.	D0M14	Process Algebra	( OM1) Mathematics in Engineering, Doctoral Academic Studies			
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies			
			( E20) Computing and Control Engineering, Doctoral Academic Studies			
			(F00) Graphic Engineering and Design, Doctoral Academic Studies			
			(F20) Engineering Animation, Doctoral Academic Studies			
			(G00) Civil Engineering, Doctoral Academic Studies			
			( GI0) Geodesy and Geomatics, Doctoral Academic Studies			
22	DZ01M	Selected Chapters in Mathematics	(H00) Mechatronics, Doctoral Academic Studies			
23.		Selected Chapters in Mathematics	( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
			( M00) Mechanical Engineering, Doctoral Academic Studies			
			(M40) Technical Mechanics, Doctoral Academic Studies			
			( OM1) Mathematics in Engineering, Doctoral Academic Studies			
			( S00) Traffic Engineering, Doctoral Academic Studies			
			(Z00) Environmental Engineering, Doctoral Academic Studies			
			(Z01) Safety at Work, Doctoral Academic Studies			
24.	AID05	Theory of Mobile Processes	(F20) Engineering Animation, Doctoral Academic Studies			
Re	presentative	e refferences (minimum 5, not more than 10)				
1.	"Inhabita Universit	tion in lambda calculus with intersection and union types", J y Press	lournal of Logic and Computation 6 (1993) 671-685, Oxford			
2.	"Characte D.Dough	erizing strong normalization in the Curien-Herbelin symmetr erty, P.Lescanne) Theoretical Computer Science 2007	ic lambda calculus: extending the Coppo-Dezani heritage, (sa			
3.	"Separati 1363	ng Points by Parallel Hyperplanes " (sa J. Pantovic, J. Zuni	c), IEEE Transactions of Neural Networks 18(5) (2007) 1356-			
4.	"Lambda Programi	terms for natural deduction, sequent calculus and cut elimining, 10 (2000) 121-134.	nation" (sa H.P.Barendregt), Journal of Functional			
5.	"Confluer 2201, 38	nce of untyped lambda calculus via simple types" (with V.Ku -49.	uncak), ICTCS"01, Lecture Notes in Computer Science			
6.	6. "Full intersection types and topologies in lambda calculus", Journal of Computer and System Sciences, 62 (2001) 1-14.					
7.	"Behavio (2004) 49	ural inverse limit lambda models" (sa M. Dezani-Ciancaglin )-74.	i, S. Likavec), Theoretical Computer Science Vol 316/1-3			
8.	"Strong r Science	ormalization of the classical sequent calculus" (sa D. Doug 3835 (2005) 169-183.	herty, P. Lescanne, S.Likavec), Lecture Notes in Computer			
9.	"Security Notes in	types for dynamic web data" (sa M.Dezani-Ciancaglini, J. F Computer Science 4661 (2007) 263-280.	Pantovic), Trustworthy Global Computing, TGC"06, Lecture			
10.	Zbirka re	šenih zadataka iz statistike (sa Z.Lužanin, Z.Ovcin, Lj.Nedo	vić, T.Grbić, B.Mihailović) 2005			
Su	mmary data	for teacher's scientific or art and professional activity:				
Quot	tation total :	325				

WIAS STUD			UNKNX M			
AND REAL PROPERTY	FACULTY OF TECHNICAL SCI	STATE -				
The search	Study Program	Study Programme Accreditation - PhD Studies				
PLANTER	DOCTORAL ACADEMIC STUDIES Graphic Engineering and Desig					
Total of SCI(SSCI	) list papers :	17				
Current projects :		Domestic :	2	International :	4	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Glavardanov B. Valentin						
Acad	lemic title:				Full Professor				
Name of the institution where the teacher works full time and			Faculty of Tee	chnical Scie	nces - Novi Sad				
starting date:			17.05.1990						
Scier	ntific or art f	ield:			Deformable B	Deformable Body Mechanics			
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	lection:	2008	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics		
PhD	thesis		1997	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics		
Magi	ster thesis		1995	Faculty of Mathematics	- Beograd		Deformable Body Mechanics		
Bach	elor's thesis	S	1989	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics		
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	F107	Techn	ical Mechar	nics		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	H202	Streng	th of materi	als		(H00) Med	chatronics, Undergraduate Academic Studies		
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies		
	N004	Chart -	th of 11-1- '			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
3.	W204	Streng	th of Materi	ais		(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
						( P00) Prod Studies	duction Engineering, Undergraduate Academic		
						(M40) Teo	chnical Mechanics and Technical Design, uate Academic Studies		
4.	M2412	Theory	/ of Elasticit	У		(P00) Production Engineering, Undergraduate Academic Studies			
5.	M4302	Biome	chanics and	d mechanics of sport		(M40) Teo Undergrad	M40) Technical Mechanics and Technical Design, ndergraduate Academic Studies		
6.	M4304	Advan	ced strengt	h of materials		(M40) Tec Undergrad	) Technical Mechanics and Technical Design, graduate Academic Studies		
7.	M4306	Simila	rity and dim	ensional methods		(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
8.	M4401	Contin	uum mecha	anics		(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
9.	URZP14	Funda	mentals of I	Mechanical Engineering		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
10.	BMI128	Contin	uum Biome	chanics		( BM0) Bio Studies	medical Engineering, Undergraduate Academic		
11.	II1004	Mecha	inics and In	dustrial Engineering		( I10) Indus Studies	strial Engineering, Undergraduate Academic		
12.	M44041	Dynam	nics of non-	smooth mechanical system	ms	( M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
13.	M4504	Therm	al Elasticity			(M40) Teo Academic	chnical Mechanics and Technical Design, Master Studies		
14.	M45991	Biome	chanics of c	cardiovascular system		(M40) Teo Academic	chnical Mechanics and Technical Design, Master Studies		
15.	DM402	Selected Chapters in Elasticity Theory			( M00) Mea	chanical Engineering, Doctoral Academic Studies			
16.	DM404	Select	ed Chapters	s in Mechanics of Continu	um	( M00) Me	chanical Engineering, Doctoral Academic Studies		
			1.0			(M40) Tec	chnical Mechanics, Doctoral Academic Studies		
17.	DZ003	Select	ed Chapters	s in Mechanics		( M00) Me	chanical Engineering, Doctoral Academic Studies		
18.	FDS143	Select	ed Chapters	s in Technical Mechanics		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
19.	ZRD16A	Select	ed chapters	in mechanics and elastic	ity theory	( Z01) Safe	ety at Work, Doctoral Academic Studies		
Rep	Representative refferences (minimum 5, not more than 10)								

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WHKMX He			
NIVE A	A DA	FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
0.26		Study Program	Study Programme Accreditation - PhD Studies						
.01	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HO			
Re	presentative r	efferences (minimum 5, not more th	an 10)						
1.	Spasic D.T Solids, vol.	., Glavardanov B.V.: Stability of a rig 15, No 2, pp 337-350,1996	gid sphere supported b	by a thin elastic co	olumn, European Journal of	Mechanics A-			
2.	Atanackovi 130, 1996	c M.T., Glavardanov B.V.: Twisted a	axially loaded rod with	shear and compr	essibility, Acta Mechanica,	vol.119, pp 119-			
3.	V. B. Glava (2000).	rdanov and T. M. Atanackovic, Stal	pility of a pipe through	which a sring is p	ulled. Int. J. Non-Linear Me	echanics 35, 7–20			
4.	V. B. Glava 20, 795–80	rdanov and T. M. Atanackovic, Opt 9 (2001).	imal shape of a twisted	d compressed rod	. European Journal of Mec	hanics A-Solids,			
5.	T. M. Atana 39, 2987-29	ackovic, V. B. Glavardanov, Buckling 999 (2002)	g of a twisted and com	pressed rod. Inte	rnational Journal of Solids a	and Structures,			
6.	R.B. Mareti Mechanics-	ć, V. B. Glavardanov, Stability of a Transaction of the ASME, 71, 896-	Rotating Heated Circu 899, (2004)	lar Plate With Ela	stic Edge Support, Journal	of Applied			
7.	Valentin Gl	avardanov: Zbirka rešenih zadataka	a iz teorije elastičnosti,	FTN, Novi Sad, 2	2003.				
8.	T.M. Atana Optimizatio	cković, V.B. Glavardanov: "Optimal n, 28, 388-396, (2004)	shape of a heavy com	pressed column"	, Structural and Multidiscipli	inary			
9.	R. Maretic, Journal of S	V. Glavardanov and V. Mitic, Vibrat Structural Stability and Dynamics, vo	tion and Stability of a H ol 10, No 5,1111-1121	leavy and Heated , 2010	Vertical Circular Plate, Inte	ernational			
10.	10. Glavaradnov V, Maretic R, Stability of a twisted and compressed clamped rod, Acta Mechanica, 202, 17-33, 2009								
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:						
Quo	tation total :		2						
Tota	I of SCI(SSCI)	) list papers :	14						
Curr	ent projects :		Domestic :	1	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Gojo F. Miroslav							
Academic title:			Guest Professor							
Name of the institution where the teacher works full time and			-							
start	ing date:									
Scie	ntific or art f	ield:	_			Graphic Engi	neering and	Design		
Acad	lemic caries	er	Year	Institution				Field		
Acad	lemic title e	lection:	2010					Graphic Engineer	ring and Desigr	ı
PhD	thesis		1995					Chemist Science		
Mag	ister thesis		1979					Technological En	gineering	
Bach	nelor's thesi	s	1976				Technological Engineering			
List o	of courses b	eing he	ld by the te	acher in the accredi	ted stu	udy programme	es			
	ID	Course	e name				Study pro	gramme name, stu	dy type	
1.	FDS13	Select Techn	ed Chapter ologies	s in Contemporary (	Graphi	ic	( F00) Gra Studies	bhic Engineering ar	nd Design, Doc	toral Academic
Re	oresentative	e reffere	nces (minin	num 5, not more tha	ın 10)					
Summary data for teacher's scientific or art and professional			al activity:							
Quotation total :										
Tota	l of SCI(SS	CI) list p	apers :							
Curr	ent projects	:			Dome	estic :		Internationa	d :	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Grbić P. Tatjana						
Acad	emic title:				Assistant Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
starting date:			15.12.1995						
Scier	ntific or art f	ield:			Mathematics				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics		
PhD	thesis		2008	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Magi	ster thesis		1999	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Bach	elor's thesis	3	1993	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
List c	of courses b	eing he	Id by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1	E135	Probal	hility Statiet	tics and Stochastic Proces	2202	( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
	2100	TIODA	Sinty, Statis			(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
2.	E212	Mathe	matical Ana	Ilysis 1		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies			
3.	GI303B	Probal	bility and M	athematical Statistics		( GI0) Geo Studies	0) Geodesy and Geomatics, Undergraduate Academic dies		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies		
						( ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies		
4.	Z104	Mathe	matics 1			( ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
						( Z01) Safe	ety at Work, Undergraduate Academic Studies		
5.	Z203	Statist	ical Method	S		( ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
6.	BMI91	Mathe	matics 1			( BM0) Bio Studies	medical Engineering, Undergraduate Academic		
7.	BMI92	Mathe	matics 2			( BM0) Bio Studies	medical Engineering, Undergraduate Academic		
8.	IA001	Algebr	a			(F10) Eng Studies	ineering Animation, Undergraduate Academic		
9.	IA002	IA002 Mathematical Analysis			( F10) Eng Studies	ineering Animation, Undergraduate Academic			
10. P216 Numerical Analysis			( P00) Pro Studies	duction Engineering, Undergraduate Academic					
11.	S01361	Busine	ess decision	making		( S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies		
12.	0M505	Stocha	astic Proces	ses		( OM1) Ma Studies	thematics in Engineering, Master Academic		
13.	0ML505	Stocha	astic Proces	ses		( OM1) Ma Studies	thematics in Engineering, Master Academic		

### SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type		
14.	DZ01MS	Selected Chapters in Mathematics	<ul> <li>(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies</li> <li>(I12) Industrial Engineering, Specialised Academic Studies</li> <li>(I22) Engineering Management, Specialised Academic Studies</li> </ul>		
			(200) Environmental Engineering, Specialised Academic Studies		
15.	ZR503	Statistical Advanced Models	(Z01) Safety at Work, Master Academic Studies		
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engledskom), Master Academic Studies		
17.	SDOM3 0	Probability, Statistics and Theory of Engineering Experiment	( Z00) Environmental Engineering, Specialised Academic Studies		
18.	D0M01	Functional Analysis 1	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
19.	D0M07	Mathematical Foundations of Fuzzy Systems	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
20.	D0M19	Functional Analysis 2	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
21.	D0M21	Fuzzy Systems and Their Applications	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
22.	D0M50	Fuzzy Measures and Integrals	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
23.	D0M51	Large Deviations Principles	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
24.	D0M52	Random Sets	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
25.	D0M53	Statistical Processing of Fuzzy Data	( OM1) Mathematics in Engineering, Doctoral Academic Studies		
		Probability, Statistics and Theory of Engineering Experiment	(M00) Mechanical Engineering, Doctoral Academic Studies		
26	DOM20		(M40) Technical Mechanics, Doctoral Academic Studies		
20.	DOM30		( 200) Environmental Engineering, Doctoral Academic Studies		
			(Z01) Safety at Work, Doctoral Academic Studies		
			( E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
			( E20) Computing and Control Engineering, Doctoral Academic Studies		
			(F00) Graphic Engineering and Design, Doctoral Academic Studies		
			(F20) Engineering Animation, Doctoral Academic Studies		
			(G00) Civil Engineering, Doctoral Academic Studies		
			(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
27.	DZ01M	Selected Chapters in Mathematics	(H00) Mechatronics, Doctoral Academic Studies		
	220		( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
			(M00) Mechanical Engineering, Doctoral Academic Studies		
			(M40) Technical Mechanics, Doctoral Academic Studies		
			( OM1) Mathematics in Engineering, Doctoral Academic Studies		
			( S00) Traffic Engineering, Doctoral Academic Studies		
			(Z00) Environmental Engineering, Doctoral Academic Studies		
			(Z01) Safety at Work, Doctoral Academic Studies		
Rep	oresentative	e refferences (minimum 5, not more than 10)			
1.	Ralević, I	N.M., Nedović, Lj., Grbić, T., :"The pseudo-linear superposit	ion principle for nonlinear partial differential equations and		

	AS STL.		UNIVERSITY OF NO	VI SAD		WWY .			
ANA SALAN	NULL SHORE	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE			
200000		Study Program	Study Programme Accreditation - PhD Studies						
.01	LANTEN	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HOU			
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
2.	Nedović, Lj 2005, No. 1	., Ralević, N. M., Grbić, T.,: " Large 05, 65-76	deviation principle wit	n generated pseu	do measures", Fuzzy sets a	ind systems,			
3.	Štajner-Pap	ouga, I., Grbić, T., Dankova, M., "Ps	eud-Riemann-Stieltjes	integral ", Inform	ation Sciences 179, 2009, 2	2923-2933			
4.	M. Štrboja, functions, F	T. Grbić, I. Štajner-Papuga, G. Gru SS, doi:10.101016/j.fss.2012.07.01	jić, S. Medić, Jensen a 1	and Chebyshev in	equalities for pseudo-integr	als of set-valued			
5.	Grbić, T., P sets", Theo	ap, E., : "Generalization Of Portamity of Probability and its Applications	nteau theorem with res s, 2009, 97-115	spect to the pseud	do-weak convergence of rar	idom closed			
6.	T. Grbić, I. (2011), 227	Štajner-Papuga, M. Štrboja, an app '8-2292	roach to pseudo-integ	ration of set-value	ed functions, Information Sc	iences 181			
7.	T. Grbić, S based on p DOI:10.100	. Medić, I. Štajner-Papuga, T. Doš seudo-integrals. In: Intelligent Syste 17/978-3-642-33959-2_2	enović, Inequalities of ems: Models and Appli	Jensen and Cheb cations, E. Pap, E	yshev type for interval-valu Ed., Springer-Verlag, pp 23-	ed measures 41,			
8.	Štajner-Pap Mathe., Vol	ouga, I., Grbić, T., Dankova, M., "Ri I. 36, No. 2, 111-124	emann-Stieltjes type ir	tegral based on (	generated pseudo-operatior	ıs", NS J.			
9.	Nedović, Lj	., Grbić, T., "The pseudo-probability	", Journal of Electrical	Engineering, 200	02, Vol. 53, No. 12/s, 27-30				
10.	10. Mihailović, B., Nedović, T., Grbić, T., "The induced Sugeno integral-based operator w.r.t. bi-fuzzy measures", Journal of Electrical engineering, Vol. 54, No. 12/s, 76-79								
Sur	nmary data fo	or teacher's scientific or art and profe	essional activity:						
Quot	ation total :		17						
Tota	of SCI(SSCI)	) list papers :	6		1	1			
Current projects :     Domestic :     2     International :     0						0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Ivetić V. Dragan					
Acad	lemic title:				Full Professor			
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starting date:			22.10.1990 Applied Computer Science and Information					
Scier	ntific or art f	ield:	Maar	1	Applied Com	Applied Computer Science and Informatics		
Acad	lemic caries	er	Year		N : 0			
Acad	lemic title el	ection:	2010	Faculty of Technical Scie	ences - Novi S	ad	Applied Computer Science and Informatics	
PhD			1999	Faculty of Technical Scie	ences - Novi S	ad	Applied Computer Science and Informatics	
Magi	ster thesis		1994	Faculty of Technical Scie	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Bach		s sina hal	1990	Faculty of Technical Scie	ences - Novi Sa	ad	Applied Computer Science and Informatics	
LISU		eing nei				.5		
	ID	Course	e name			Study pro	ogramme name, study type	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	E243	Humar	n Computer	Interaction		( SE0) Soft Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
						(F10) Eng Studies	ineering Animation, Undergraduate Academic	
2.	H207	Progra	mming and	Programming Languages	3	(H00) Mechatronics, Undergraduate Academic Studies		
						(S01) Pos Undergrad	tal Traffic and Telecommunications, luate Academic Studies	
						<ul> <li>(E20) Computing and Control Engineering, Undergraduate Academic Studies</li> <li>(ES0) Power Software Engineering, Undergraduate Academic Studies</li> <li>(F10) Engineering Animation, Undergraduate Academic Studies</li> </ul>		
3.	RI4A	Computer Graphics						
						( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sofi Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
	500.40		0 I			(ES0) Power Software Engineering, Undergraduate Academic Studies		
4.	E0243	Humar	1-Computer	Interaction		(F10) Engineering Animation, Undergraduate Academic Studies		
						(E20) Con Academic	nputing and Control Engineering, Master Studies	
5.	E2505	Multim	edia Svster	ns		( ES0) Pov Studies	ver Software Engineering, Master Academic	
-			···· <b>,</b> ···			( F20) Eng	ineering Animation, Master Academic Studies	
						( SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	
	50540	Mart				(E20) Con Academic	nputing and Control Engineering, Master Studies	
б.	E2516	virtual	Reality Sys	stems		( SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	
	FOFOO	Come	tor acres	lovelenment		( E20) Con Academic	nputing and Control Engineering, Master Studies	
1.	E2528	Compl	iter game o	levelopment		( SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	
0	FORA	Data 2	omerocolo			( E20) Con Academic	nputing and Control Engineering, Master Studies	
ð.	⊏2034		ompressio			( SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design

 مطاحيط لملمط بمم	 	. <b>.</b>	

List o	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study program	me name, study type			
9.	ESI035	Computer graphic algorithms for small	art grid systems	( ES0) Power Software Engineering, Master Academic Studies				
10.	ESI036	Visualization techniques in power sy	stems	( ES0) Power So Studies	oftware Engineering, Master	Academic		
11.	DRNI09	Selected Topics in Human Centered	Computing	( E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral		
				(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
12.	FDS151	Selected Chapters in Multimedia		(F00) Graphic E Studies	ngineering and Design, Doc	toral Academic		
13.	FDS152	Selected Topics in Computer Graphi	ics	(F00) Graphic E Studies	ingineering and Design, Doc	toral Academic		
14.	DRNI15	Selected Topics in Advanced Comp	uter Graphics	(E20) Computin Academic Studie	g and Control Engineering, I	Doctoral		
				(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
15.	DRNI18	Selected Topics in Distributed/Mobile	e computing	(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral		
	2		e eempamig	(F20) Engineering Animation, Doctoral Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.	Dinu Dra programs	gan, Dragan Ivetic, "Request Redirect in biomedicine, Elsevier, Vol. 107, No	ion Paradigm in Medic o. 2, p.111-121, ISSN	cal Image Archive 0169-2607, Aug 2	Implementation", Computer 2012	methods and		
2.	Dragan Iv 0148-559	vetic, Dinu Dragan, "Medical Image or 98, August 2011.	n the go!", Journal of M	ledical Systems,	Springer, Vol. 35, No. 4, pp.	499-516, ISSN		
3.	Dragan Iv Engineer	vetic, Srdjan Mihic, Branko Markoski, ' ing, Elsevier, Vol. 36, No. 1, pp. 169-1	'Augmented AVI video 79, ISSN 0045-7906,	o file for road surv January 2010.	eying", Computers and Elect	trical		
4.	Dinu Dra and Infor	gan, Dragan Ivetic, "Architectures of E mation Systems Journal (ComSIS), vo	DICOM based PACS fo bl. 6(1), ISSN: 1820-0	or JPEG2000 Mec 214, pp. 185-203	dical Image Streaming", Com , ComSIS Consortium, Serb	nputer Science ia, June 2009.		
5.	Dragan Iv Assimako	vetic, Dusan Malbaski, "A dichotomou opoulos, Ed., Cambridge International	s software life-cycle m Science Publishing, C	odel", Journal of A Cambridge, Engla	Applied Systems Studies, Ni nd, vol. 2, No. 2, 2001	kitas. A.		
6.	Dinu Dra Journal, S Publisher	gan, Dragan Iveti, "A Comprehensive Special Issue on ICIT 2009 Conferenc -, July 2009.	Quality Evaluation Syse - Bioinformatics and	stem for PACS", U Image, Vol. 4(3),	Jbiquitous Computing and C ISSN: 1992-8424, pp. 642-6	ommunication 650, UBICC		
7.	Veljko Pe of educat 8424, pp	trovic, Dragan Ivetic, "Education and ion policy", Ubiquitous Computing and 43-51, UBICC Publisher, 2011.	out of the box thinking d Communications Jou	– linearization of Irnal, Special Issu	Graham's scan algorithm co le on ICIT 2011 conference,	omplexity as fruit ISSN: 1992-		
8.	Dusan M Operatio	albaski, Dragan Ivetic, "Some notes o ns Research, vol. 6, no. 2, 1996., 277-	n the formal definition -284.	of streams", Byro	n Papathanassiou, Ed., Yug	oslav Journal of		
9.	lvetic Dra No. 5, pp	agan, Dinu Dragan, "JPEG2000 Aims . 1-13, ISSN 1110-2586, Sept. 2009.	To Make Medical Ima	ge Ubiquitous", Eg	gyptian Computer Science Jo	ournal, Vol. 31,		
10.	Dragan D., Ivetić D.: Chapter 28: Tools for Ubiquitous PACS System, in "Proceedings of the International Conference on Human- centric Computing 2011 and Embedded Multimedia Computing 2011", Lecture Notes in Electrical Engineering, J.J. Park et al. (eds.), Berlin, Springer, 2011, str. 297-308, ISBN 978-94-007-2104-3							
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		55					
Tota	of SCI(SS	CI) list papers :	4					
Curre	ent projects	:	Domestic :	2	International :	0		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Karlović Đ. Igor			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and Facu						aculty of Technical Sciences - Novi Sad		
starting date: 01.04.2004								
Scientific or art field: Graphic Eng							neering and Design	
Academic carieer Year Institution							Field	
Academic title election			2010	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
PhD	thesis		2010	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
Magister thesis			2007	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
Bacnelor's thesis   2003   Faculty of Technical Sciences - Novi Sad   Graphic Engineering and Design								
List of courses being held by the teacher in the accredited study programmes								
	ID	Course name				Study programme name, study type		
1.	F114	Graphic applications				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
2.	F208	Type and Typography				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
3.	F301	Reproduction Technology				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
4.	F304I1	Digital Photography				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
5.	F407	Colour Science				( F00) Graphic Engineering and Design, Undergraduate Academic Studies		
6.	F411	Basics of game making				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
7.	F504I7	Digital	Printing			(F00) Graphic Engineering and Design, Master Academic Studies		
8.	F504I9	Colour Management				( F00) Graphic Engineering and Design, Master Academic Studies		
9.	FDS141	Selected Chapters in Colour Management				(F00) Graphic Engineering and Design, Doctoral Academic Studies		
10.	FDS153	Colour and Image Appearance Models				(F00) Graphic Engineering and Design, Doctoral Academic Studies		
11.	FDS222	Lightness and Colour Perception				(F00) Graphic Engineering and Design, Doctoral Academic Studies		
Representative refferences (minimum 5, not more than 10)								
1.	I.Karlović, D. Novaković:Effect of Different Coating Amounts on the Surface Roughness and Print Gloss of Screen Coated Offset Prints, Journal of Imaging Science and Technology, March/April 2011							
2.	Novakovi Tekstil, IS	ković, D., Karlović I., Gojo M., Agić D.,:Utjecaj površinskog oplemenjivanja otiska na kolorimetrijske i vizualne karakteristike, til, ISSN: 0492-5882,Vol. 58, No. 8, Str. 384-392,						
3.	Szydlows phenolics	wska-CzerniakAleksandra, Bartkowiak-Broda Iwona, Karlović Igor, Karlović Đerđ, SzlykEdward: Antioxidant capacity, total ics, glucosinolates and colour parameters of rapeseed cultivars, Food Chemistry ISSN: 0308-8146,127,2, pp 556-563						
4.	Kasikovic Textile M	ovic Nemanja Novakovic Dragoljub Karlovic Igor Vladic Gojko:Influence of Ink Layers on the Quality of Ink Jet Printed Materials, TEKSTIL VE KONFEKSIYON, (2012), vol. 22 br. 2, str. 115-124						
5.	Reproduk	eprodukciona tehnika,priručnik za vežbe, Novi Sad 2008, COBISS.SR-ID 234181639						
6.	TOMIĆ I, KARLOVIĆ I:, NOVAKOVIĆ D.: Crna tačka i transformacija boja, Časopis Grafičar broj 8, pp 6-9, Savez grafičkih inženjera i tehničara Srbije, Beograd, 2009							
7.	KARLOVIĆ I., NOVAKOVIĆ D., STIPANČEVIĆ T., TOMIĆ I.: UTICAJ POVRŠINSKOG OPLEMENJIVANJA UZORAKA SA 7. RAZLIČITIM KOLIČINAMA VODODISPERZIVNIH LAKOVA NA VIZUELNI OSEĆAJ BOJA, Zbornik radova Četvrtog naučno- stručnog simpozijuma GRID 2008, pp. 155-164, Fakultet tehničkih nauka, Novi Sad, 2008							
8.	NOVAKOVIĆ D., KARLOVIĆ I.,PAVLOVIĆ Ž., ZELJKOVIĆ Ž.:KARAKTERIZACIJA RAVNIH SKENERA U SISTEMIMA ZA UPRAVLJANJE BOJOM, XV Međunarodni simpozijum iz oblasti celuloze, papira, amabalaže i grafike Zlatibor, pp 101-107, Tehnološko-metalurški fakultet, Beograd, 2009							
9.	NOVAKOVIĆ D., KARLOVIĆ I., GOJO M.: INFLUENCE OF THE SURFACE CHARACTERISTICS ON THE QUALITY OF THE OFFSET PRINTING PLATE, MATRIB 2009 PROCEEDINGS, pp 142-148,Hrvatsko društvo za materijale i tribologiju, 2009, Zagreb							
10.	Karlović I., Tomić I., Novaković D., Jurič (Rilovski) I.: Evaluation of distinctness of image enhanced printed samples, 43. conference of the Internetional Circle of Educational Institutes for Graphic Arts Technology and Management, Norrköping: International Circle, 19-23 Septembar, 2011, pp. 13-19							

# UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design Summary data for teacher's scientific or art and professional activity: Quotation total : 0 Total of SCI(SSCI) list papers : 4

1

International :

0

Domestic :

Current projects :


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Kašiković D. Nemanja				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and starting date:				eacher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad		
Scientific or art field:					Graphic Engineering and Design				
Acad		ar	Vear	Institution		leening and	Field		
Acad		ection:	2012	Faculty of Technical Sci	ences - Novi S	he	Graphic Engineering and Design		
PhD	thesis	ection.	2012	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
Magi	ster thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
Bach	elor's thesis	<u> </u>	2004	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
List	of courses b	eina he	d by the te	acher in the accredited stu	udv programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	F114	Graph	ic applicatio	ons		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F201	Introdu	uction to Gr	aphic Technologies		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F206	Graph	ic Processe	S		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F211I1	Graph	ic design pr	oducts		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
5.	F303	Printin	g Techniqu	es		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
6.	F306	Graph	ic Systems			( F00) Gra Academic	F00) Graphic Engineering and Design, Undergraduate Academic Studies		
7.	F308	Print fi	nishing			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
8.	F502	Graph	ic Packagin	g		( F00) Gra Studies	F00) Graphic Engineering and Design, Master Academic Studies		
9.	F504I7	Digital	Printing			(F00) Graphic Engineering and Design, Master Academic Studies			
10.	F504I9	Colour	Managem	ent		(F00) Graphic Engineering and Design, Master Academic Studies			
11.	F510l3	Metho	d of researd	ch		( F00) Gra Studies	phic Engineering and Design, Master Academic		
12.	FDS221	Select	ed Chapter	s in Packaging		( F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
13.	FDS223	Selecter and Pr	ed Chapter ocesses	s in Contemporary Graphi	c Systems	( F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.	Kašiković 2012	N.: Ra	izvoj model	a praćenja procesnih para	ametara štampe	e tekstilnih n	naterijala, Novi Sad, Fakultet tehničkih nauka,		
2.	Kašiković TEXTILE	N., NO MATEF	vaković D., RIALS, Teks	Karlović I., Vladić G.: INF stil ve konfeksiyon, 2012, v	LUENCE OF I Vol. 22, No 2, p	NK LAYERS pp. 115-124,	S ON THE QUALITY OF INK JET PRINTED ISSN 1300-3356		
3.	Novaković D., Kašiković N., Zeljković Ž., Agić D., Gojo M.: Thermograph analysis of thermal effects on the change of colour differences on the digitally printed textile materials, original scientific paper, Tekstil, 2010, Vol. 59, No 7, pp. 297-306, ISSN 0492- 5882. UDK: 677.856:677.016.413.4					is of thermal effects on the change of colour til, 2010, Vol. 59, No 7, pp. 297-306, ISSN 0492-			
4.	Kašiković	N.: Ist	raživanje ut	icajnih parametara na otis	ak kod tekstiln	ih materijala	a, Novi Sad, Fakultet tehničkih nauka, 2010		
5.	Tehnike §	stampe-	praktikum z	a vežbe		-			
6.	<ul> <li>Vladić G., Kašiković N., Avramović D., Milić N.: Pet Bottle Design, Correlation Analysis Of Pet Bottle Characteristics Subjective</li> <li>Judgment, JGED Journal of Graphic Engineering and Design, 2012, Vol. 3, No 1, pp. 9-14, ISSN 2217-379X, UDK:</li> </ul>								
7.	Novakovi Design, 2	ć D., Ka 011, Vo	išiković N., bl. 3, No 4, r	Vladić G.: Investigation o op. 241-246, ISSN 1821-1	f thermal effect 259	ts on textile	materials printed by digital printing, Machine		
8.	Vladić G. of bottle d	, Kašiko characte	vić N.: PE eristics, Mac	T bottle design, analysis o chine Design, 2011, Vol. 3	f correlation be , No 4, pp. 289	tween visua -292, ISSN	al aesthetic impression and subjective judgments 1821-1259		

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design Representative refferences (minimum 5, not more than 10) Novaković D., Kašiković N., Vladić G.: Influence of polyethylene (PE) and polyvinyl chloride (PVC) substrates and the printing machine on the color range in wide format printing, Journal of the University of Chemical Technology and Metallurgy, 2011, Vol. 9 46, No 3, pp. 237-242, ISSN 1311-7629 Kašiković N., Novaković D., Vladić G., Klančnik M.: Influence Of Heat Treathment On Caracteristics Of Inkjet Prints On Textile Material, JGED Journal of Graphic Engineering and Design, 2011, Vol. 2, No 1, pp. 24-30, ISSN 2217-379X, UDK: 677.057.5 10. Summary data for teacher's scientific or art and professional activity: Quotation total : 0 Total of SCI(SSCI) list papers : 2 Current projects Domestic : International : 0 1



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Katić A. Vladimir				
Academic title:					Full Professor				
Name of the institution where the teacher works full time and				acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad		
					01.10.1978				
Scientific or art field:					Power Electro	onics, Machi	ines and Facilities		
Acad	lemic caries	er	Year	Institution			Field		
Acad	lemic title el	lection:	2002	Faculty of Technical Sci	ences - Novi S	ad	Power Electronics, Machines and Facilities		
PhD	thesis		1991	School of Electrical Engi	ineering - Beog	jrad	Electrical and Computer Engineering		
Mag	ster thesis		1981	School of Electrical Engl	ineering - Beog	Irad	Electrical and Computer Engineering		
Bacr	elor's thesis	s	1978	Faculty of Technical Sci	ences - Novi S	ad	Electrical and Computer Engineering		
LIST	of courses b	eing nei	a by the tea	acher in the accredited stu	idy programme	es I			
	ID	Course	e name			Study pro	gramme name, study type		
1.	EE305	Power	Electronics	s 1		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	EE308	Power	Electronics	32		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
	7407	Electri		ring Environment and D	otootica	(Z01) Safe	ety at Work, Undergraduate Academic Studies		
3.	2107	Electric	cal Enginee	enng, Environment and Pro	otection	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
4.	EE0406	Electric	c Power Qu	ality		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
5.	EE431	Renew	able Sourc	es and Small Power Plan	ts	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
6.	EZ300	Clean	Electrical E	nergy Sources		( ZC0) Clea Academic	0) Clean Energy Technologies, Undergraduate demic Studies		
7.	EZ400	Clean	Energy Sou	urces Design		( ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
8.	DE209S	Energy	v Converter	s in Renewable Energy Se	ources	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
9.	DE413S	Integra	ition of Dist	ributed Energy Resources	3	(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
10.	DE505S	Power	Quality in [	Distribution Networks		( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
11.	DE506S	Renew	able Electr	ical Energy Sources		(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
12.	DE509S	Effects Enviro	of Power ( nment	Converters on Network an	d	(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
13.	EE406	Electric	c Power Qu	ality		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
14.	EE509	Market	and Dereg	ulation in Electric Power I	ndustry	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
15.	S0I51Ž	Electric	cal Substati	on and Electric Traction		( S00) Traf Studies	fic and Transport Engineering, Master Academic		
16.	EE544	Renew	able energ	y sources		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
17.	EE564	Distributed Energy Resources				(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
18.	ZCM02	Clean	technologie	es for electrical vehicles		( ZC0) Clea Studies	an Energy Technologies, Master Academic		
19.	ZCM08	Renew	able and D	istributed Electrical Energ	y Sources	( ZC0) Clea Studies	an Energy Technologies, Master Academic		
20.	DE108	FACTS	S Devices a	nd Electric Power Quality		( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies		
21.	DE113	Applica	ation of Pov	ver Electronics in Power S	Systems	( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies		
22.	DE209	Energy	Converter	s in Renewable Power So	ources	( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies		

SITAS STUDIO	
THO PLANTEN	•

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses bei	ng held by the teacher in the accredited study programme

	ID	Course name	Study programme name, study type
23.	DE413	Integration of Distributed Energy Re	sources (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
24.	DE505	Power Quality in Distribution Networ	ks (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
25.	DE506	Renewable Electrical Energy Source	es ( E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
26.	DE509	Effects of Power Converters on Netw Environment	work and (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
			(E20) Computing and Control Engineering, Doctoral Academic Studies
			(F00) Graphic Engineering and Design, Doctoral Acad Studies
			(F20) Engineering Animation, Doctoral Academic Stud
			(G00) Civil Engineering, Doctoral Academic Studies
27	01004	Current State in the Field	(GI0) Geodesy and Geomatics, Doctoral Academic St
27.	5ID04	Current State in the Field	(H00) Mechatronics, Doctoral Academic Studies
			( I20) Industrial Engineering / Engineering Managemer Doctoral Academic Studies
			(M00) Mechanical Engineering, Doctoral Academic St
			(OM1) Mathematics in Engineering, Doctoral Academi Studies
			(S00) Traffic Engineering, Doctoral Academic Studies
			(Z00) Environmental Engineering, Doctoral Academic Studies
28.	MSID04	Present State in the Field	(M40) Technical Mechanics, Doctoral Academic Studi
			(A00) Architecture, Doctoral Academic Studies
29.	SID04	Present State in the Field	(AS0) Scenic Design, Doctoral Academic Studies
			(Z01) Safety at Work, Doctoral Academic Studies
Rep	oresentative	e refferences (minimum 5, not more th	ian 10)
1.	Vladimir I Tehničke	Katić: "Kvalitet električne energije – vi nauke - Monografije, Br. 6, Novi Sad	ši harmonici", Univerzitet u Novom Sadu - Fakultet tehničkih nauka, Edicija , 2002., ISBN 86-80249-57-2.
2.	Vladimir I Univerzite	Katić: "Energetska elektronika - Zbirka etski udžbenik, Broj 66, Novi Sad, 199	a rešenih zadataka", Univerzitet u Novom Sadu-Fakultet tehničkih nauka, Edic 98, tiraž 500 primeraka, strana 430, Pomoćni udžbenik, ISBN 86-499-0017-8.
3.	Vladimir l Sadu-Fal udžbenik	Katić, Darko Marčetić, Dušan Graovac kultet tehničkih nauka, Edicija Univerz , ISBN 86-499-0081-X.	c: "Energetska elektronika – Praktikum laboratorijskih vežbi", Univerzitet u Nov itetski udžbenik, Broj 124, Novi Sad, 2000, tiraž 300 primeraka, strana 85, Pol
4.	Vladimir I u Novom strana 12	Katić, Vlado Porobić, Darko Marčetić: Sadu-Fakultet tehničkih nauka, Edicij 22. Pomoćni udžbenik ISBN 86-7892-	"Primena mikroprocesora u energetici – Praktikum laboratorijskih vežbi", Univ ja: Tehničke nauke - Udžbenici, Broj 149, Novi Sad, Dec. 2006, tiraž 300 primo 013-0
5.	Vladimir I str.175. S	Katić: "Upravljanje energetskim pretva Skripta.	aračima", Fakultet tehničkih nauka – WUS, Novi Sad, 2006, tiraž 20 primeraka
6.	Dušan G System",	raovac, Vladimir Katić, Alfred Rufer: "I IEEE Transaction on Power Delivery.	Power Quality Problems Compensation with Universal Power Quality Conditio , USA, ISSN 0885-8977, Vol.22, No.2, April 2007, pp.968-976.
7.	Vladimir I Harmonio 1108	Katić, Jovan Knežević, Dušan Graova cs Analysis", IEEE Transaction on Ind	ac: "Application-Oriented Comparison of the Methods for AC/DC Converter ustrial Electronics, USA, ISSN 0278-0046, Vol.50, No.6, December 2003, pp. 7
8.	Vladimir I Transacti	Katić, Dušan Graovac: "A Method for ion on Power Electronics, USA, ISSN	PWM Rectifier Line Side Filter Optimization in Transient and Steady States", I 0885-8993, Vol.17, No.3, May 2002, pp.342-352.
9.	Dušan G IEEE Tra	raovac, Vladimir Katić: "On-Line Continns action on Industrial Electronics, US	rol Of Current Source Type Active Rectifier Using Transfer Function Approach A, ISSN 0278-0046, Vol.48, No.3, June 2001, pp.526-535.
10.	Vladimir I Luka (BII	Katić: "Modern Power Electronics Tec I-R.Srpska), Vol.10, No.2, Dec.2006,	hnologies for Wind Power Plants", Invited Paper, Electronics/Elektronika, Ban YU ISSN 1450-5843, pp.3-9.
Sur	nmary data	for teacher's scientific or art and profe	essional activity:
Quot	ation total :		122
Tota	of SCI(SS	CI) list papers :	19

GITAS STUD		UNIVERSITY OF NO	VI SAD		WYKNX H			
No R	FACULTY OF TECHNICAL SCI	STAT						
72000	Study Program	me Accredit	creditation - PhD Studies					
PLANTER	DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design							
Current projects :	ent projects : Domestic : 5 International :							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Kiurski S. Jelena			
Academic title:					Full Professor			
Name of the institution where the teacher works full time and					Faculty of Tee	chnical Scie	nces - Novi Sad	
starting date:					01.12.2001			
Scier	ntific or art f	ield:			Graphic Engineering and Design		Design	
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	ection:	2011	Faculty of Technical Scie	ences - Novi Sa	ad	Graphic Engineering and Design	
PhD	thesis		1997	Faculty of Technology -	Novi Sad		Physical Chemistry Science	
Magi	ster thesis		1981	Faculty of Technology -	Novi Sad		Physical Chemistry Science	
Bach	elor's thesis	S	1974	Faculty of Technology -	Novi Sad		Chemist Science	
List o	of courses b	eing hel	ld by the tea	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F103	Chemi	stry in Grap	bhic Engineering		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
2.	F302	Chemi	graphy			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	Z102	Techni	ical Chemis	try		(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	
4.	Z109	Chemi	cal Principle	es in Environmental Engin	eering	(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
						( M20) Mea Undergrad ( M30) Ene Academic	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies	
5.	Z151	Z151 Chemistry in Mechanical Engineering				(M40) Tec Undergrad (P00) Proo Studies	chnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic	
	74.50	Ohanai	-to in East			Academic Studies		
0. -7	Z153	Chemi		neering		(201) Safe	ety at Work, Undergraduate Academic Studies	
7.	2155	Chemi	cal Principi	es in Engineering		(ZDI) Salety at WOR, Ondergraduate Academic Studies		
8.	Z600	Chemi	cal Phenon	nena in Engineering		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
9.	F409	Graphi	ic Environm	ient		(F00) Graphic Engineering and Design, Master Academic Studies		
10.	FDS12	Selecte	ed Chapter	s in Chemistry		(F00) Graphic Engineering and Design, Doctoral Academic Studies		
Rep	oresentative	refferei	nces (minin	num 5, not more than 10)				
1.	J.Janjić, . 235 (1994	J.Kiurski 4)	i, "Nonflame	e Atomic Fluorescence as	a Method for N	Aercury Trac	ces Determination", Water Research, 28(1), 233-	
2.	J.Janjić, I Drinking	_j.Čonki Water",	ć, J.Kiurski Water Rese	, J.Benak, "A Method for A earch, 31(3), 419-428 (199	Arsenic Level D 97)	eterminatio	n an a Device for Arsenic Elimination from	
3.	J.Kiurski, Polyhedro	D.Ž.Ob on, 18(5	adović, R.N ), 741-747	larinković-Nedučin, E.Kiš, (1999)	"Spinel-Type	Structure of	Co in Conditions of HDS Catalysts Aging",	
4.	J.S. Kiurs scanning	ski, J.G. electror	Ranogajec n microscop	, A.L.Ujhelji, M.M.Radeka by and energy-dispersive s	, M.T.Bokorov, spectroscopy a	"Evaluation nalyses", So	of the effect of lichens on ceramic roofing tiles by canning, 27, 113-119 (2005)	
5.	M.Radek roofing til	a, J.Ran es", Jou	nogajec, J.K Irnal of the	kiurski, S.Markov, R.Marin European Ceramic Societ	kovic-Neducin, y 27 (2007) 17	" Influence of 63-1766	of lichen biocorosion on the quality of ceramic	
6.	E.Kiš, R.I NiO-Al2C	Marinkov 3 Catalv	vić-Nedučir yst", Polyhe	n, G.Lomić, G.Bošković, D edron, 17(1), 27-34 (1998)	.Ž.Obadović, J	.Kiurski, P.F	Putanov, Structural and Textural Properties of the	
7.	D.Ž.Obao 3634 (19	lović, J.I 96)	Kiurski, R.N	larinković-Nedučin, Electr	onic States of	Ni(II) in Spir	nel-Type Structure", Polyhedron, 15(20), 3631-	
8.	J.S.Kiurs catalysts'	ki, D.Ž.C ',React.I	Dbadović, R Kinet.Catal.	R.M.Marinković-Nedučin,"E Lett., Vol.82, No.1, 41-47	Energies of elec (2004)	ctronic state	s of promoter ions in hydrodesulfurization	
9.	JS Kiursk React.Kir	ti, DŽ Ol net.Cata	badović, EE I.Lett., Vol.8	E Kiš, RP Marinković-Nedu 34,No.2, 359- <u>366 (20</u> 05)	učin, "Electronio	c states of N	In(II) in the kaolinite nanostructure",	

STAS STUD			UNIVERSITY OF NO	VI SAD		WHKNX H			
AVE.	NULL OF	FACULTY OF TECHNICAL SCI	EJA OBRADOVIĆA 6	STATE -					
NU .NEO	PLANTER ST	Study Programme Accreditation - PhD Studies         DOCTORAL ACADEMIC STUDIES         Graphic Engineering and Design							
Re	epresentative r	efferences (minimum 5, not more th	nan 10)						
10.	R.D.Mićić, and textura	R.P. Marinković-Nedučin, Z.Schay, Il properties of NiMo/Al2O3 hydrode	I.Nagy, J.S. Kiurski, E sulfurization catalysts	.E.Kiss, «Influenc », React.Kinet.Ca	e of the activation temperatu tal.Lett. 91(1), 85-92 (2007)	ure on structural			
Su	immary data fo	or teacher's scientific or art and profe	essional activity:						
Quo	otation total :		54						
Tota	al of SCI(SSCI	) list papers :	30						
Cur	rent projects :		Domestic :	1	International :	1			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Konjović D. Zora			
Academic title:					Full Professo	Full Professor		
Name of the institution where the teacher works full time and				acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
starting date:			01.10.1981					
Scientific or art field:			Applied Comp	outer Scienc	ce and Informatics			
Acad	emic carlee	er	Year	Institution			Field	
Acad	emic title el	lection:	2003	Faculty of Technical Scie	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		1992	Faculty of Technical Scie	ences - Novi Sa	ad	Robotics and Flexible Automation	
Magi	ster thesis		1985	Faculty of Technical Scie	ences - Novi Sa	ad	Robotics and Flexible Automation	
Bach	elor's thesis	S	1973	Faculty of Sciences - No	ovi Sad		Mathematics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
						( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
1.	E231	Numer	rical Algorith	nms and Numerical Softwa	are	( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
						(E10) Pow Engineerin	er, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
						( GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
2.	E233	Interne	et Networks			( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
						(E10) Pow Engineerin	er, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
3.	E236A	Compu	utational Int	elligence Fundamentals		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Soft Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
4.	E2K42	Knowle	edge Basec	I Systems		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
5.	ISIT41	eGove	rnment tecl	nnologies and systems		( SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies	
6.	BMI101	Introdu	uction to Me	edical Informatics		( BM0) Bio Studies	medical Engineering, Undergraduate Academic	
7.	SES103	Oral a	nd written c	ommunication skills		( SE0) Soft Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
8.	SES301	IT Law	,			( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
-						( SEL) Sof Loznica, U	EL) Software Engineering and Information Technologies - nica, Undergraduate Academic Studies	

# ANTEL STOR

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

		h a la a	hald hu	41	****		a a ana dita d	a tu alu a		
list of	courses	being	neia by	the	teacher	in the	accredited	stuay	program	mes

	ID	Course name	Study programme name, study type
			( E20) Computing and Control Engineering, Master Academic Studies
9.	E2513	Semantic Web	(PM0) Production Engineering, Master Academic Studies
			( SE0) Software Engineering and Information Technologies, Master Academic Studies
10	E2514	Pielogicaly inspired computing	( E20) Computing and Control Engineering, Master Academic Studies
10.	L2314		( SE0) Software Engineering and Information Technologies, Master Academic Studies
11	EP002	EBusiness technologies and systems	( I20) Engineering Management, Specialised Professional Studies
	LI 002	Ebusiness technologies and systems	( IB0) Engineering Management - MBA, Specialised Professional Studies
12	E2525	Contemporary educational technologies and standards	( E20) Computing and Control Engineering, Master Academic Studies
12.	LZJZJ		( SE0) Software Engineering and Information Technologies, Master Academic Studies
13.	SEM013	E-government technologies	( SE0) Software Engineering and Information Technologies, Master Academic Studies
14.	DAU002	Selected Chapters in Computing	( F00) Graphic Engineering and Design, Doctoral Academic Studies
			(H00) Mechatronics, Doctoral Academic Studies
15	DRNI07	Selected Chapters in Computational Intelligence	(E20) Computing and Control Engineering, Doctoral Academic Studies
			( OM1) Mathematics in Engineering, Doctoral Academic Studies
16.	FDS152	Selected Topics in Computer Graphics	(F00) Graphic Engineering and Design, Doctoral Academic Studies
17		Selected Topics in Computing	( E20) Computing and Control Engineering, Doctoral Academic Studies
			(OM1) Mathematics in Engineering, Doctoral Academic Studies
18.	DRNI10	Selected Topics in E-Government	(E20) Computing and Control Engineering, Doctoral Academic Studies
10		Selected Tonics in ICT enhanced learning	( E20) Computing and Control Engineering, Doctoral Academic Studies
13.	DIXINIT		( OM1) Mathematics in Engineering, Doctoral Academic Studies
Rep	oresentative	e refferences (minimum 5, not more than 10)	
1.	Obradovi Fuzzy Se	c Djordje, Konjovic Zora, Pap Endre, Ralevic Nebojsa (201 ts and Systems, Vol. 170 no. 1, pp. 76-94	1). The maximal distance between imprecise point objects,
2.	Obradovi Based Sy	c Djordje, Konjovic Zora, Pap Endre, Rudas Imre (2012). Li /stems (rad objavljen u elektronskom obliku http://www.scie	near Fuzzy Space Based Road Lane Detection. Knowledge- ncedirect.com/science/article/pii/S0950705112000032)
3.	Kovačevi publicatio	c Aleksandar, Konjović Zora, Milosavljević Branko, Nenacons: A case study in automatic terminology recognition, Com	lić Goran (2012). Mining methodologies from NLP nputer Speech And Language, Vol. 26 no. 2, pp. 105-126
4.	Gostojić Governm	Stevan, Sladić Goran, Milosavljević Branko, Konjović Zora ( ent Services. Journal of Organizational Computing and Elec	2012). Context-sensitive Access Control Model for ctronic Commerce, Vol. 22 no. 2, pp. 184-213
5.	Sladić Go Electroni	oran, Milosavljević Branko, Surla Dušan, Konjović Zora (201 c Library (ISSN: 0264-0473), 30:5, pp. 623-652	2). Flexible Access Control Framework for MARC Records.
6.	Savić Go Instructio	ran, Segedinac Milan, Konjović, Zora (2012).Automatic Ger nal Design. Computer Science and Information Systems. V	neration of E-Courses Based on Explicit Representation of ol. 9 no. 2, pp. 839 – 869.
7.	Sladić Go Collection	oran, Milosavljević Branko, Konjović Zora, Vidaković Milan ( ns. Computer Science and Information Systems / ComSIS (	2011). Access Control Framework for XML Document ISSN: 1820-0214), 8:3, pp. 591-609
8.	Ivanovic Library, \	Dragan, Surla Dusan, Konjovic Zora (2011). CERIF compat /ol. 29 no. 1, pp. 52-70	ible data model based on MARC 21 format, Electronic
9.	Kovacevi metadata 376-396	c Aleksandar, Ivanovic Dragan, Milosavljevic Branko, Kor a from scientific publications for CRIS systems, Program-Ele	njovic Zora, Surla Dusan (2011). Automatic extraction of ectronic Library and Information Systems, Vol. 45 no. 4, pp.

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKHX H.		
A	NOU DO R	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	NCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
D'AND		Study Program	me Accredit	ation - Phl	D Studies	Con		
.01	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic Engineering and Design				
Rep	presentative r	efferences (minimum 5, not more th	an 10)					
10.	Segedinac, Objectives.	Milan, Konjović, Zora, Segedinac M Psihologija, Vol. 44 no. 4, pp. 307-	/lirjana, Savić, Goran ( 323.	2011). A Formal	Approach to Organization of	of Educational		
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quotation total : 0								
Tota	I of SCI(SSCI)	) list papers :	15					
Curr	ent projects :		Domestic :	2	International :	1		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kostić Z. Marko						
Acad	lemic title:				Associate Professor				
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starti	ng date:				15.10.1999				
Scientific or art field:					Mathematics				
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics		
PhD	thesis		2004	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Magi	ster thesis		2001	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Bach	elor's thesis	S	1999	Faculty of Sciences - No	. Sad		Mathematical Sciences		
List o	of courses b	eing hei	d by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	E121	Mathe	matical Ana	Ilysis 2		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	E135B	Mathe	matical Ana	Ilysis 2		( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
3.	E212	Mathematical Analysis 1				( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
4.	EOS07	Mathematics 2				(E01) Pow Energy, Ur	E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
5.	F101	Mathematics				( F00) Gra Academic	:00) Graphic Engineering and Design, Undergraduate ademic Studies		
6.	GI107	Mathematical Analysis 1				( GI0) Geo Studies	eodesy and Geomatics, Undergraduate Academic		
						( M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies		
-	M400	Mathematics 2				(M30) Energy and Process Engineering, Undergraduate Academic Studies			
7.	INI 106					( M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						( P00) Production Engineering, Undergraduate Academic Studies			
8.	M4202	Applie	d Mathema	tical Analysis		(M40) Teo Undergrad	0) Technical Mechanics and Technical Design, ergraduate Academic Studies		
9.	ISIT06	Matem	atika 2			( SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
10.	0M501	Functio	onal Analys	is		( OM1) Ma Studies	thematics in Engineering, Master Academic		
11.	0ML501	Functio	onal Analys	is		( OM1) Ma Studies	thematics in Engineering, Master Academic		
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
						( 112) Indus	strial Engineering, Specialised Academic Studies		
12.	DZ01MS	Select	ed Chapters	s in Mathematics		(I22) Engi Studies	neering Management, Specialised Academic		
						( Z00) Env Studies	ironmental Engineering, Specialised Academic		
13.	Z506	20BAd	vanced Co	urse in Mathematics 1		( ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies		
						(Z20) Environmental Engineering, Master Academic Studies			
14.	Z506	Viši ku	rs matemat	ike 1(uneti naziv na engle	eskom)	(Z20) Envi	ronmental Engineering, Master Academic Studies		
15.	D0M01	Functional Analysis 1				( OM1) Ma Studies	Mathematics in Engineering, Doctoral Academic		

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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses being held by the teacher in the accredited study programme

	ID	Course name		Study program	ne name, study type			
16.	D0M19	Functional Analysis 2		(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic		
17.	DZ01M	0Z01M Selected Chapters in Mathematics		<ul> <li>Engineering, Doctoral Academic Studies</li> <li>(E20) Computing and Control Engineering, Doctoral Academic Studies</li> <li>(F00) Graphic Engineering and Design, Doctoral Academic Studies</li> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(G00) Civil Engineering, Doctoral Academic Studies</li> <li>(G10) Geodesy and Geomatics, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> <li>(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> </ul>				
			( S00) Traffic Engineering, Doctoral Ac ( Z00) Environmental Engineering, Doc Studies			c Studies Academic		
			( Z01) Safety at Work, Doctoral Academic Studies					
Rep	presentative	e refferences (minimum 5, not more th	an 10)					
1.	Kostić, M	larko, Distribution cosine functions. Ta	iwanese J. Math. 10 (2	2006), no. 3, 739-	-775.			
2.	Kostić M	larko,On analytic integrated semigroup	os. Novi Sad J. Math. 3	35 (2005), no. 1, 1	127135.			
3.	Kostić M (2003), 7	larko,Convoluted \$C\$-cosine function: 592.	s and convoluted \$C\$-	semigroups. Bull.	CI. Sci. Math. Nat. Sci. Math	h. No. 28		
4.	Kostić Ma	arko, On a class of quasi-distribution s	emigroups, Novi Sad	J. Math 36 (2), 13	7-152			
5.	M. Kostić Journal o	e, P. J. Miana, Relations between distr f Mathematics 11 (2007), 531543.	bution cosine function	is and almost-dist	ribution cosine functions, Ta	iwanese		
6.	M. Kostić	, S. Pilipović, Global convoluted semi	groups, accepted in M	ath. Nachr.				
7.	M. Kostić accepted	, S. Pilipović: Convoluted C-cosine fui in J. Math. Anal. Appl.	nctions and semigroup	s. Relations with	ultradistribution and hyperfu	nction sines,		
8.	M. Kostić	: Complex powers of operators, accep	ted in Publications De	e"l Institute Mathe	matique			
9.	M. Kostić	: C-Distribution semigroups, Studia M	ath. 185 (2008), 201	217.				
10.	M. Kostić	: Convoluted operator families and ab	stract Cauchy problem	ns, accepted in Kr	agujevac Journal of Mathem	natics		
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		32					
Total	of SCI(SS	CI) list papers :	15					
Curre	ent projects	:	Domestic :	1	International :	0		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kovačević M. Ilija					
Acad	lemic title:				Full Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
Starti	ng uale.	iold:			01.09.1972 Mathematics			
Acad		ar	Vear	Institution	Field		Field	
Acad	lemic title el	lection:	1990	Faculty of Technical Sci	ences - Novi Si	ad	Mathematics	
PhD	thesis		1979	Faculty of Mathematics	- Beograd		Mathematical Sciences	
Magi	ster thesis		1975	Faculty of Mathematics	- Beograd		Mathematical Sciences	
Bach	elor's thesis	s	1971	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
		Course				Study pro		
		Course	ename			Study pro	gramme name, study type	
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	E212	Mathe	matical Ana	ilysis 1		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
2	FE204	Select	ed Chanter	s in Mathematics		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
۷.	LLZUY	001001		3 in Mathematics		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2	F102	Mothematical Applysis 1				(ES0) Power Software Engineering, Undergraduate Academic Studies		
э.	E102	waute	matical Ana	iiysis i		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
4.	E102A	Mathe	matical Ana	Ilysis 1		( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
5.	IM1423	Financ	ial Mathem	atics		(I20) Engineering Management, Undergraduate Academic Studies		
6.	0M501	Function	onal Analys	is		( OM1) Mathematics in Engineering, Master Academic Studies		
7.	0ML501	Function	onal Analys	is		( OM1) Mathematics in Engineering, Master Academic Studies		
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
		Selected Chapters in Mathematics				( 112) Indu	strial Engineering, Specialised Academic Studies	
8.	DZ01MS					(I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
0	1004/9	Statist	ical Quantit	ativo Mothoda		(I20) Engi Studies	neering Management, Specialised Professional	
5.	1004/3	Statist		alive methods		(IB0) Engi Profession	neering Management - MBA, Specialised al Studies	
10.	GS012	Select	ed Chapter	s in Mathematics		(G10) Ene Studies	ergy Efficiency in Buildings, Specialised Academic	
11.	MPK001	Statist	ical and Nu	merical Methods		( MPK) Inž naziv na e	enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies	
12.	SDOM3 0	Probal Experi	oility, Statist ment	tics and Theory of Engine	ering	(Z00) Env Studies	ironmental Engineering, Specialised Academic	
13.	D0M01	Functio	onal Analys	is 1		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
14.	D0M19	Functio	onal Analys	is 2		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	

# HAS STUDIO RUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses being held by the teacher in the accredited study programmes								
	ID	Course name	Study programme name, study type					
15.	DOM30	Probability, Statistics and Theory of Engineering Experiment	<ul> <li>( M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>( M40) Technical Mechanics, Doctoral Academic Studies</li> <li>( Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>( Z01) Safety at Work, Doctoral Academic Studies</li> </ul>					
16.	DZ01M	Selected Chapters in Mathematics	<ul> <li>(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies</li> <li>(E20) Computing and Control Engineering, Doctoral Academic Studies</li> <li>(F00) Graphic Engineering and Design, Doctoral Academic Studies</li> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(G00) Civil Engineering, Doctoral Academic Studies</li> <li>(G00) Geodesy and Geomatics, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> <li>(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M01) Technical Mechanics, Doctoral Academic Studies</li> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> <li>(S00) Traffic Engineering, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> </ul>					
Rep	oresentative	e refferences (minimum 5, not more than 10)						
1.	I.Kovače I.Kovače	vić, On almost closed mapping, paracompactness and partia	al equivalence relatuions, Indian Journal of Pure and Applied					
3.	I.Kovače	itics,25(9), 1994., 949-954. vić, On alfa-Hausdorff subsets, almost closed mappings and ad Applied methomatics 20 (4) 1989. 334 340	almost upper semicontinuous decomposition, Indian Jurnal					
4.	<ul> <li>Kiurski J., Oros I., Ralević N., Kovačević I., Adamović (Majkić) S., Krstić J., Čomić L.: Cluster and principal component analysis in the assessment of fountain solution quality, Carpathian Journal of Earth and Environmental Sciences, 2013, Vol. 8, No 1, pp. 19-23, ISSN 1842-4090</li> </ul>							
5.	N. Adžić, 299.	I. Kovačević, V. Marić, V. Ungar, Matematička analiza 2, F	TN (Edicija tehničke nauke-udžbenici), Novi Sad, 1996., 1-					
6.	I. Kovače izdanje)2	vić, N. Ralević, Funkcionalna analiza,FTN (Edicija tehničke 004., 1-203.	e nauke-udžbenici), Novi Sad, (Ponovljeno i dopunjeno					
7.	I. Kovače ,(Ponovlj	vić, N. Ralević, B.Carić,V.Marić,M.Novković,S.Medić,Maten eno i dopunjeno izdanje), FTN (Edicija tehničke nauke-udžt	natička analiza 1- uvodni pojmovi i granični procesi penici) Novi Sad, 2012,1-155.					
8.	I.Kovače diferencij	vić, V.Marić, M.Novković, B.Carić, N.Ralević,S.Medić, Mater alne jednačine (Ponovljeno i dopunjeno izdanje),FTN (Edicij	natička analiza 1 - diferencijalni i integralni račun, obične ja tehničke nauke-udžbenici), Novi Sad,2012., 1-280.					
9.	I. Kovače	vić, Algebra, Naučna knjiga, Beograd, 1990., 1-116.						
10.	M.Novko Sad, (Poi	vić,B.Carić,I.Kovačević, Zbirka rešenih zadataka iz verovatn novljeno i dopunjeno izdanje) 2012., 1-169.	oće i statistike, FTN (Edicija tehničke nauke-udžbenici), Novi					
Sur	nmary data	for teacher's scientific or art and professional activity:						

28

Domestic :

3

International :

7

Quotation total :

Current projects :

Total of SCI(SSCI) list papers :

2



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kovačić N. Ivana					
Acad	emic title:				Associate Professor			
Nam	e of the inst	itution w	here the te	acher works full time and	Faculty of Tee	Faculty of Technical Sciences - Novi Sad		
starti	ng date:				21.05.1998			
Scier	ntific or art f	ield:			Mechanics			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2009	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics	
PhD	thesis		2002	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics	
Magi	ster thesis		1999	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics	
Bach	elor's thesis	\$	1995	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics	
List c	of courses b	eing hel	d by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F107	Techni	cal Mechar	iics		(F00) Gra	phic Engineering and Design, Undergraduate Studies	
2.	GG14	Mecha	nics 2			( G00) Civi	I Engineering, Undergraduate Academic Studies	
						( M20) Mea Undergrad	chanization and Construction Engineering, uate Academic Studies	
з	M103	Mecha	nice 1			( M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
0.	MITOO	Mechanics 1				( M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						( P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
4	M107	Mechanics 2				(M30) Energy and Process Engineering, Undergraduate Academic Studies		
ч.	WITO?					( M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						( P00) Production Engineering, Undergraduate Academic Studies		
						( M20) Mea Undergrad	chanization and Construction Engineering, uate Academic Studies	
5	M201	Mechanics 3				(M30) Energy and Process Engineering, Undergraduate Academic Studies		
5.	101201					(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
6.	M44071	Noise,	Vibration a	nd Design		( M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						( M00) Med	chanical Engineering, Doctoral Academic Studies	
7.	DM401	Selecte	ed chapters	in Analytical Mechanics		( M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
8.	DM408	Nonline	erar Oscilla	tions		( M00) Med ( M40) Teo	chanical Engineering, Doctoral Academic Studies	
9.	DZ003	Selecte	ed Chapters	s in Mechanics		( M00) Med	chanical Engineering. Doctoral Academic Studies	
10.	FDS143	Selecte	ed Chapters	s in Technical Mechanics		(F00) Graj Studies	phic Engineering and Design, Doctoral Academic	
Rer	presentative	refferer	nces (minim	num 5, not more than 10)				
1	Metod po	lia u nel	lolonomnoi	mehanici i teoriii nelinear	nih oscilacija. P	akultet tehr	ničkih nauka. Novi Sad. 2002	
2	Samonot			rocesu rezania. Eakultot t	ehničkih nauko	Novi Sad	1000	
2.	Zhinke			totiko I. Ediolio Toboliku		, 110VI Gau,	kultat tahniških nauka. Navi Sad. 2000	
3.						J IZ7, Fa		
4.	4. Zbirka rešenih zadataka iz Statike II, Edicija, Tehničke knjige-udžbenici" 128, Fakultet tehničkih nauka, Novi Sad, 2006.							

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WHEN IN		
ORI		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
200000		Study Programme Accreditation - PhD Studies						
.01	LANTEN	DOCTORAL ACADEMIC STUDIE	S	HOS				
Rep	Representative refferences (minimum 5, not more than 10)							
5.	5. Cveticanin, L., Kovacic, I., Parametrically excited vibrations of the oscillator with strong cubic negative noin-linearity, Journal of Sound and Vibration, 2007, Vol. 304, No 1-2, pp. 201-212.							
6.	6. Kovacic I., Adiabatic invariants of some time-dependent oscillators, Journal of Physics A: Mathematical and General, 2007, Vol. 40, No 3, pp. 455-470.							
7.	7. Cveticanin, L., Kovacic, I., On the dynamics of bodies with continual mass variation, Journal of Applied Mechanics- TRANSACTIONS OF THE ASME, 2007, Vol. 74, pp. 810-815.							
8.	Kovacic I., . pp. 695-708	Adiabatic invariants of oscilltors with 3.	h one degree of freedo	om, Journal of Sc	ound and Vibration, 2007, V	ol. 300, No 3-5,		
9.	Kovacic I., No. 5, pp 7	Conservation laws of two coupled n 51-760.	on-linear oscillators, l	nternational Jourr	nal of Non-Linear Mechanics	s, 2006, Vol. 41,		
10.	Kovacic, I., Mechanics,	Analysis of a weakly non-linear aut 2005, Vol. 40. No 5, pp 775-784.	onomous oscillator by	means of the fiel	d method, International Jou	rnal of Nonlinear		
Sur	mmary data fo	or teacher's scientific or art and prof	essional activity:					
Quot	tation total :		181					
Tota	l of SCI(SSCI)	) list papers :	39		1			
Curre	ent projects :		Domestic :	2	International :	1		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Kozmidis-Lut					purić F. Uranija			
Acad	emic title:				Full Professor	r		
Nam	e of the inst	itution v	here the te	acher works full time and	Faculty of Teo	chnical Scie	nces - Novi Sad	
starti	ng date:				01.09.1975			
Scientific or art field: Physics								
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2000	Faculty of Technical Science	ences - Novi Sa	ad	Physics	
PhD	thesis		1988	Faculty of Sciences - No	ovi Sad		Physical Science	
Magi	ster thesis		1986	Faculty of Physics - Beo	grad		Physical Science	
Bach	elor's thesis	S	1974	Faculty of Sciences - No	ovi Sad		Physical Science	
List c	of courses b	eing he	d by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
						(E10) Pow Engineerin	ver, Electronic and Telecommunication g. Undergraduate Academic Studies	
1.	E103	Physic	Physics			( MR0) Me	asurement and Control Engineering,	
						(E01) Pow	ver Engineering - Renewble Sources of Electrical	
2.	EOS06	Physic	S			Energy, Ur	ndergraduate Professional Studies	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
3.	S014	Physic	S			( S01) Postal Traffic and Telecommunications,		
4.	A401	Archite	ectural Phys	ics		(A00) Arch	nitecture. Undergraduate Academic Studies	
		VZ01FS Selected Chapters in Physics				(E11) Pow	ver, Electronic and Telecommunication	
	DZ01FS					(112) Indus	strial Engineering. Specialised Academic Studies	
5.						(122) Engir	neering Management, Specialised Academic	
						Studies		
						(Z00) Envi Studies	ironmental Engineering, Specialised Academic	
						( E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
						( E20) Computing and Control Engineering, Doctoral Academic Studies		
						(F00) Graphic Engineering and Design, Doctoral Acade Studies		
						(G00) Civil Engineering, Doctoral Academic Studies		
						(GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
						( H00) Mec	chatronics, Doctoral Academic Studies	
6.	DZ01F	Select	Selected Chapters in Physics			(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
						( M00) Med	chanical Engineering, Doctoral Academic Studies	
						( M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						( OM1) Ma	thematics in Engineering, Doctoral Academic	
						( S00) Traf	fic Engineering, Doctoral Academic Studies	
						( Z00) Envi	ironmental Engineering, Doctoral Academic	
						Studies		
						(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minim	num 5, not more than 10)				
1.	U.F.Kozn CRYSTA	nidis-Lul LS", Ph	burić and B ysica B 112	.S.Tošić, "NON-LINEAR ( , 331(1982)	OPTICAL EFFE	CTS AND T	THE DIELECTRIC PROPERTIES OF	
2.	D.Mirjani EXCITIO	ć, U.F.K N-PHON	ozmidis-Lul	ourić, M.M.Marinković and ACTION ON CRYSTALS	B.S.Tosić, "C DIELECTIC P	OMBINED E	EFFECT OF EXCITION-EXCITION AND S", Can. J. Phys. 60, 1838(1982)	
3.	U.F. Kozi Physica A	midis-Lu \ 153, 2	burić and E 66(1988)	B.S. Tošić, "KINEMATICAI		N OF OPTI	CAL EXCITATION AND CONSEQUENCES",	

5	TAS STUD		UNIVERSITY OF NO	VI SAD		инчких на		
AN A	OR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
25 25 25 2 25 20 0 C 2		Study Programme Accreditation - PhD Studies						
	ZANTE	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design			
Re	presentative re	efferences (minimum 5, not more th	an 10)					
4.	LJ. Budinsk SQUARE L	ki-Petković and U.Kozmidis-Luburić, ATTICE", Psysica A 236, 211(1997)	, "J AMING CONFIGU ')	RATIONS FOR IF	RREVERSIBLE DEPOSITIO	)N ON A		
5.	5. Lj. Budinski-Petković and U. Kozmidis-Luburić, "RANDOM SEQUENTIAL ADSORPTION ON A TRIANGULAR LATTICE", Psysic Review E 56, 6904(1997)							
6.	6. V.Sajfert,B.S.Tošić,M.Marinković and U.F.KOZMIDIS-LUBURIĆ, "SURFACE DEFORMATION IN FILMS AND EXCITON CONCETRATION", Physica A 166, 430(1990)							
7.	B.S.Tošić, I STRUCTUI CHARACT	Lj.Mašković, U. F. KOZMIDIS-LUBL RE TO THE STATISTICALLY EQUI ERISTICS OF THE DEFORMED S	JRIĆ, V.Jovovic and G IVALENT IDEAL STRI TRUCTURE", Physica	. Davidovic, "Trai JCTURE AND AN A 216, 478(1995	nsition FROM THE DEFOR NESTIMATE OF THE BASI )	MED S PHYSICAL		
8.	V.Jovović, HETEROG	G.Davidović, B.S.Tošić,Lj.Mašković ENEOUS STRUCTURES'', Physica	, U.F.KOZMIDIS-LUB A A 223,263(1996)	URIĆ and D.Ćirić,	"MASS DISTRIBUTION IN			
9.	Lj. Budinsk SEGMENT	i-Petković and U. KOZMIDIS-LUBU S ON A SQUARE LATTICE", Physi	RIĆ, "IRREVERSIBLE ca A 245,261(1997)	DEPOSITION O	N DISORDERED SUBSTR	ATES: LINE		
10.	Lj. Budinski-Petković and U. KOZMIDIS-LUBURIĆ, "IRREVERSIBLE DEPOSITION OF DIRECTED SELF-AVOIDING RANDOM WALKS ON A SQUARE LATTICE", Physica A 262,388(1999)							
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	tation total :		68					
Tota	I of SCI(SSCI)	) list papers :	23		i			
Curr	ent projects :		Domestic :	1	International :	0		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kozmidis-Petrović F. Ana					
Acad	lemic title:				Full Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				01.09.1975			
Scier	ntific or art f	ield:			Physics			
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	1997	Faculty of Technical Sci	ences - Novi Sa	ad	Physics	
PhD	thesis		1984	Faculty of Sciences - No	ovi Sad		Physics	
Magi	ster thesis		1980	Faculty of Mathematics	- Beograd		Physical Science	
Bach	elor's thesi	s	1972	Faculty of Sciences - No	ovi Sad		Physical Science	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1		Dhuoia				( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
1.	E103	Physic	Physics			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
2.	GG06	Civil Engineering Physics				( G00) Civi	I Engineering, Undergraduate Academic Studies	
						( M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
						(M30) Energy and Process Engineering, Undergraduate Academic Studies		
3.	M101	1101 Technical Phys		i		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						( P00) Production Engineering, Undergraduate Academic Studies		
						( ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
4.	ZR440	Influen	ice of radiat	ion on health and occupa	tional safety	( Z01) Safe	ety at Work, Undergraduate Academic Studies	
5.	ZC008	Techn	ical physics			( ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						( 112) Indus	strial Engineering, Specialised Academic Studies	
6.	DZ01FS	Selected Chapters in Physics				( I22) Engi Studies	neering Management, Specialised Academic	
						(Z00) Environmental Engineering, Specialised Ac Studies		
7.	SZD017	Solid N	Materials in	the Environment		( Z00) Env Studies	ironmental Engineering, Specialised Academic	

S	TAS STUD		UNIVERSITY OF NOVI SAD						
ANN A	- NAC	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6				
2,2		Study Program	me Accredita	ation - Ph[	O Studies	Set 1			
6	LANTEN	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	AND HOP			
List o	of courses b	eing held by the teacher in the accred	lited study programme	s					
	ID	Course name		Study program	me name, study type				
8.	DZ01F	Selected Chapters in Physics		Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic					
				(Z01) Safety at (F00) Graphic E	Work, Doctoral Academic S Engineering and Design, Do	Studies			
9.	FDS141	Selected Chapters in Colour Manage	ement	Studies					
10.	ZD017	Solid Materials in the Environment		( 200) Environm Studies	ental Engineering, Doctora	Academic			
Rep	presentative	e refferences (minimum 5, not more th	an 10)						
1.	D. M. Pet methylthi	trović, A. F. Petrović, V. M. Leovac, S. osemicarbazone, Journal of Thermal	R. Lukić: Thermal de Analysis, 42, 1165-117	composition of Cu 70, 1994.	u(II) complexes with salicyla	adehyde S-			
2.	S.R. Luki glasses,	ć, D. M. Petrović, A. F. Petrović, F. Sł Journal of Materials Science Lett., 15,	uban, I.I. Turyanitsa: <sup>-</sup>	Tendency toward	s crystallization of Ge-As-T	e system			
3.	A. F. Petr Thermal 879-886,	rović, S. R. Lukić, D. M. Petrović, E. Z decomposition of Cobalt(II) complexes	. Ivegeš, V. M. Leovac s with 3(5)-amino-4-ac	: Metal complex v etyl 5(3) mathylpy	with pyrazole derived ligand yrazole, Journal of Thermal	ds. Part IV. Analysis, 47,			
4.	S. R. Luk Solids, 24	ić, D. M. Petrović, A. F. Petrović: Effe 41, 74-77, 1998.	ct of copper on conduc	ctivity of amorpho	us AsSeylz, Journal of Nor	n-Crystalline			
5.	S. R. Luk Ligands. MetOrg.	ić, V. M. Leovac, A. F. Petrović, S. J. XIII. Synthesis and Thermal Studies c .Chem.,2002	Skuban, V. I. Češljević f Zn(II) Complexes wit	, M. M.Garić: Me h 3-amino-4-acet	tal Complexes with Pyrazo tyl-5-methylpyrazole, Synth	le-derived .React.Inorg.			
6.	S. R. Luk the Ge-A	ić, S. J. Skuban, D. M. Petrović, A. F. s-S-Se-I system, Journal of Optoelect	Petrović, M. Garić, Ch ronics & Advanced Ma	naracteristics of conterials, 6(3), 755	omplex non-crystalline chal -768, 2004.	cogenides from			
7.	A. F. Petr applicatio	rović, S.R. Lukić, D.D. Štrbac: Critical on to some chalcogenide glasses. Jou	rate of cooling glassy rnal of Optoelectronics	melts under cond & Advanced Ma	litions of continuous nuclea terials, 6(4) 1167-1177, 200	tion.The 04.			
8.	S. R. Luk Chalcoge	ić, D. M. Petrović, Ž. N. Cvejić, A F. P enide Thin Films, Journal of Optoelect	etrović, F. Skuban: Th ronics & Advanced Ma	ermally-induced terials, 3(2), 337-	Structural Changes in Copr 340, 2001.	per-containing			
9.	S.R. Luki	ć, D.M. Petrović, G.R.Štrbac, A.F.Pet e20As14SxSe52-xI14, Journal of Phy	rović, M Šiljegović : Efi sics and Chemistry of	fect of sulfur atom Solids 66, 1683-1	n substitute with selenium o	n stability of			
10.	A.F.Kozn 2014_201	nidis-Petrovic, G.R.Strbac, D.D.Strbac	, Kinetics of non-isoth	ermal crystallizati	on of chalcogenide, J.Non-	Cyst.Solids,			
Sur	mmary data	for teacher's scientific or art and profe	essional activity:						
Quot	tation total :		153						
Tota	I of SCI(SS	CI) list papers :	25	1	International				
	ent projects	•	Domestic :	1	international :	10			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kulić J. Filip						
Acad	emic title:				Associate Professor				
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad		
starti	ng date:				01.09.1994				
Scier	ntific or art f	ield:			Automatic Co	ntrol and Sy	/stem Engineering		
Academic carieer Year Institution					Field				
Acad	emic title el	ection:	2008	Faculty of Technical Scie	ences - Novi Sa	ad	Automatic Control and System Engineering		
PhD	thesis		2003	Faculty of Technical Scie	ences - Novi Sa	ad	Automatic Control and System Engineering		
Magi	ster thesis		1999	Faculty of Technical Scie	ences - Novi Sa	ad	Automatic Control and System Engineering		
Bach	elor's thesis	6	1994	Faculty of Technical Scie	ences - Novi Sa	ad	Electroenergetics		
List c	of courses b	eing he	d by the tea	acher in the accredited stu	idy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
		Orantas	l Oustana I			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	AU44	Contro	i Systems I	Jesign		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
		Automatic Control Systems				( H00) Med	chatronics, Undergraduate Academic Studies		
2.	E226					( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
		238A Control Systems Technology				(BM0) Biomedical Engineering, Undergraduate Academic Studies			
3.	E238A					(E20) Computing and Control Engineering, Undergraduate Academic Studies			
						( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
	551000	<b>0</b> 1				(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
4.	EE1302	Systen	ns of Autom	natic Control in Power Eng	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		er, Electronic and Telecommunication g, Undergraduate Academic Studies		
5.	H1405	Optimi	zation Meth	nods		(H00) Mechatronics, Undergraduate Academic Studies			
6.	H302	Contro	I Systems 2	2		(H00) Med	100) Mechatronics, Undergraduate Academic Studies		
7.	M325	Autom	atic Control	Systems		( M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies		
8.	BMI125	Biologi	ical Control	Systems		( BM0) Bio Studies	medical Engineering, Undergraduate Academic		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
9.	E2315	Electri	cal Machine	es in Automatic Control Sy	vstems	( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
10.	EMSAU 1	Autom	atic Control	Systems in Electronics		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
11.	SEAU01	Nonlin	ear progran	nming and evolutionary cc	omputations	( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
12.	SEAU03	Real-ti	me control	algorithms		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
13.	DE410S	Select	ed Topics ir	the Field of Automatic Co	ontrol	( E11) Pow Engineerin	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies		

STAS STUDIO	FACU
TROPLANTEN	DOCTOR

ILTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

LISU			
	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Master Academic Studies
14.	E2515	Intelligent Control Systems	( MR0) Measurement and Control Engineering, Master Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
15.	M2550	Automatic Control Systems in Motor Vehicles	(M22) Mechanization and Construction Engineering, Master Academic Studies
16.	E2532	Automatic Control Systems Project Management	( E20) Computing and Control Engineering, Master Academic Studies
17.	SEAM01	Intelligent Control Systems	( SE0) Software Engineering and Information Technologies, Master Academic Studies
18.	DAU007	Selected Topics in Artificial Intelligence in Control and Signal Processing	( E20) Computing and Control Engineering, Doctoral Academic Studies
10		Selected Tonics in the Field of Automatic Control	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
19.	DL410		( OM1) Mathematics in Engineering, Doctoral Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
			( E20) Computing and Control Engineering, Doctoral Academic Studies
			(F00) Graphic Engineering and Design, Doctoral Academic Studies
			(F20) Engineering Animation, Doctoral Academic Studies
			(G00) Civil Engineering, Doctoral Academic Studies
			(GI0) Geodesy and Geomatics, Doctoral Academic Studies
20.	SID04	Current State in the Field	(H00) Mechatronics. Doctoral Academic Studies
			( I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
			(M00) Mechanical Engineering, Doctoral Academic Studies
			( OM1) Mathematics in Engineering, Doctoral Academic Studies
			( S00) Traffic Engineering, Doctoral Academic Studies
			( Z00) Environmental Engineering, Doctoral Academic Studies
21.	DAU017	Selected Topics from Totally Integrated Automatic Control Systems	( E20) Computing and Control Engineering, Doctoral Academic Studies
			( A00) Architecture, Doctoral Academic Studies
22.	SID04	Present State in the Field	(AS0) Scenic Design, Doctoral Academic Studies
			(Z01) Safety at Work, Doctoral Academic Studies
Rep	oresentative	e refferences (minimum 5, not more than 10)	
1.	Dragan K 1995. 24	ζukolj, Vesna Bengin, Filip Kulić: Osnovi klasične teorije aut 1str., UDK: 681.5(075.8),	omatskog upravljanja kroz rešene probleme, Sombor, Somel,
2.	Dragan K 1995. 23	Kukolj, Filip Kulić: Projektovanje sistema automatskog uprav 2str., UDK: 681.5(075.8),	ljanja u prostoru stanja, Novi Sad, Fakulet tehničkih nauka,
3.	D.Kukolj, Compara	F.Kulić, E.Levi: Design Of The Speed Controller For Senso tive Study, Artificial Intelligence in Engineering, 2000, Vol. 1	rless Electric Drives Based On Al Techniques: A 4, str. 165- 174
4.	D.Kukolj, 2001, Vo	S.Kuzmanović, E.Levi, F.Kulić: Design of Near Optimal, Wi I. 120, No. 1, str. 17- 34	de Range Fuzzy Logic Controller, Fuzzy Sets and Systems,
5.	D.Kukolj, of Artificia	F.Kulić, D.Popović, Z.Gorečan: Determining Topological Cl al Neural Network, Electric Machines and Power Systems, 1	nanges and Critical Load Levels of a Power System by Means 997, Vol. 25, No. 8, str. 917- 926, ISSN 0731-356x.
6.	D.Kukolj, Europear	D.Popović, F.Kulić, Z.Gorečan: Fast Dynamic Stability Ana Transactions on Electrical Power (ETEP), 1998, Vol. 8, No	lysis of a Power System Using Artificial Neural Networks, b. 3, str. 207- 212, ISSN 1430-144X.
7.	D.Popovi Reduced	ć, D.Kukolj, F.Kulić: Monitoring and Assessment of Voltage Input Set, IEE ProcGener. Transm. Distrib, 1998, Vol. 14	Stability Margins Using Artificial Neural Networks with a 5, No. 4, str. 355- 362, ISSN 1350-2360.

4	TAS STUD		UNIVERSITY OF NOVI SAD						
IVE ST		FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	ENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
0.20		Study Program	Study Programme Accreditation - PhD Studies						
.0	PLANTEN	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HOS			
Re	presentative r	efferences (minimum 5, not more th	ian 10)						
8.	Matić Drag machines:	an, Kulić Filip, Pineda-Sanchez Mar Application to broken bar", Expert S	nuel, Kamenko Ilija: "S systems With Application	upport vector ma ons, vol.39 br.10,	chine classifier for diagnosis str. 8681-8689, 2012.	s in electrical			
9.	Čongradac chiller oper	Velimir, Kulić Filip: "Recognition of ation", Energy and Buildings, vol. 4	the importance of usir 7, str. 651-658; April 2	g artificial neural 012.	networks and genetic algori	thms to optimize			
10.	Ilić Sloboda Forecasting	an; Vukmirović Srđan; Erdeljan Alek g, Thermal Science, vol.16, br. , str.	sandar; Kulić Filip: "Hy S215-S224, 2012	/brid Artificial Neu	Iral Network System for Sho	ort-Term Load			
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:						
Quotation total : 32									
Total of SCI(SSCI) list papers : 12									
Current projects : Domestic : 2 International : 0						0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name	Name and last name: Kuzmanović E				B. Siniša			
Acad	emic title:				Full Professor	-		
Name	e of the inst	titution w	where the te	acher works full time and	Faculty of Teo	chnical Scie	nces - Novi Sad	
startii	ng date:				01.10.1975			
Scier	tific or art f	ield:		1	Machine Elen	ients,Const	ruction Principles, Machine and Mechanizm	
Acad	emic carlee	er	rear	Institution			Field	
Acad	emic title el	lection:	1996	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
PhD	thesis		1980	Faculty of Mechanical E	ngineering - Be	ograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Magis	ster thesis		1976	Faculty of Mechanical E	ngineering - Be	ograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Bach	elor's thesis	S	1973	Faculty of Mechanical E	ngineering - Be	ograd	Thermal Energetics and Thermotechnics	
List o	f courses b	eing hel	d by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F408	Industr	ial Design			(F00) Gran	phic Engineering and Design, Undergraduate Studies	
2.	H205	Mecah	nical Eleme	ents 1		(H00) Mec	chatronics, Undergraduate Academic Studies	
3.	H208	Mecha	nical Eleme	ents 2		(H00) Mec	chatronics, Undergraduate Academic Studies	
						(M20) Mea	chanization and Construction Engineering, uate Academic Studies	
						(M30) Energy and Process Engineering Undergraduate		
4	M202	Mecha	nical Eleme	onts		Academic	Studies	
ч.	101202	Meena		5110		(M40) Tec	hnical Mechanics and Technical Design,	
						(P00) Proc	duction Engineering, Undergraduate Academic	
						Studies		
5.	M2419	Produc	ct Developm	nent		( M20) Mea Undergrad	chanization and Construction Engineering, uate Academic Studies	
6.	URZP14	Funda	mentals of I	Mechanical Engineering		( ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
7.	F510I1	Design	of industria	al products		(F00) Graphic Engineering and Design, Master Academic Studies		
8.	M2654	Specifi	c Machine	Elements of Agricultural M	lachinery	(M22) Mechanization and Construction Engineering, Maste Academic Studies		
9.	M2656	Industr	rial design c	of agricultural machines	la a bira a	(M22) Mea	chanization and Construction Engineering, Master Studies	
10.	DM213	Conter	ucting	unous of Designing and M	achine	( M00) Meo	chanical Engineering, Doctoral Academic Studies	
11.	DM215	Seelcte	ed Chapters	s in Machine and Mechan	isms Theory	( M00) Med	chanical Engineering, Doctoral Academic Studies	
12.	DOM23	Produc	ct Developm	nent		( M00) Med	chanical Engineering, Doctoral Academic Studies	
13.	FDS211	Selecte	ed Chapters	s in Design		( F00) Grap Studies	phic Engineering and Design, Doctoral Academic	
14.	FDS214	Selecte	ed Chapters	s in Industrial Product Mod	delling	( F00) Grap Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	e refferen	nces (minim	num 5, not more than 10)				
1.	Miltenovi wheels m	ć, V. A., ade fror	Kuzmanovi m sintered s	ić, B. S., Miltenović, Đ. V., steel, Thermal Science, 20	, Tica, M. M., R )12, Vol. 16, Sı	ackov, J. M .ppl. 2, pp. S	.: Thermal stability of crossed helical gears with S607-S619, doi:10.2298/TSCI120503190M.	
2.	Kuzmanc 82-4	ović, S.:	Konstruisar	nje, oblikovanje i dizajn - 1	. deo, Fakultet	tehničkih na	auka, Novi Sad, 2006, str.357, ISBN 86-85211-	
3.	Kuzmano 57-3	ović, S.:	Konstruisar	nje, oblikovanje i dizajn - 2	. deo, Fakultet	tehničkih na	auka, Novi Sad, 2005, str.181, ISBN 86-85211-	
4.	Kuymanc	ović, S.:	Menadžme	nt proizvodima, Univerzite	et u Novom Sac	lu, Novi Sad	l, 2007, str.301, ISBN 978-86-499-0149-0	
5.	Kuzmano 978-86-7	ović, S.: 892-282	Mašinski el 2-4	ementi - oblikovanje, prora	ačun i primena,	Fakultet tel	hničkih nauka, Novi Sad, 2012, str.394, ISBN	

S	AS STUD		UNIVERSITY OF NO	VI SAD		UNYKWX Ha			
ALL OF		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
N. N		Study Program	Study Programme Accreditation - PhD Studies						
.01	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	c Engineering and Design	HO			
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
6.	Kuzmanovi	ć, S.: Industrijski dizajn, Fakultet tel	nnickih nauka, Novi Sa	ad, 2012, str.329,	ISBN 978-86-7892-404-0				
7.	Kuzmanovi str.198, ISE	ć, S., Trbojević, R., Rackov, M.: Zbi 8N 978-86-7892-154-4	rka zadataka iz mašin	skih elemenata,	Fakultet tehničkih nauka, No	obi Sad, 2009,			
8.	Kuzmanovi ISBN 978-8	ć, S.: Univerzalni zupčasti reduktori 36-7892-202-2	sa cilindričnim zupča	nicima, Fakultet t	ehničkih nauka, Novi Sad, 2	009, str.231,			
9.	Kuzmanovi 86-81123-5	ć, S., Rackov, M.: Bezazorni preno i1-5	snici u vojnom mašins	stvu, Vojnotehniči	ki institut, Beograd, 2012, st	r.101, ISBN 978-			
10.	Vereš, M., Harman, B., Kuzmanović, S., Rackov, M.: Determination of the Correct Mating Cylindrical Teeth Flanks Profiles When 10. the Path of Contact is Given, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Bratislava, 2009, str. 145-151, ISBN 978-80-227-3326-7								
Sur	nmary data fo	r teacher's scientific or art and profe	essional activity:						
Quot	ation total :		0						
Tota	of SCI(SSCI)	) list papers :	1						
Curre	ent projects :		Domestic :	1	International :	2			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:				Mihailović P. Biljana				
Acad	emic title:				Assistant Professor			
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				15.03.1999			
Scier	ntific or art f	ield:	Maar	1	Mathematics			
Acad	emic caries	er	Year		N : 0			
Acad	emic title el	ection:	2010	Faculty of Technical Scie	ences - Novi Sa	ad	Mathematics	
PhD	thesis		2009	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Nagi	ster thesis		2003	Faculty of Sciences - No	wi Sad		Mathematical Sciences	
Bach		s sina hal	1998	Faculty of Sciences - No		-	Mathematical Sciences	
LISU		eing ne	id by the tea		idy programme	.5		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E135	Probat	oility, Statist	ics and Stochastic Proces	sses	( MR0) Me Undergrad (E10) Pow	asurement and Control Engineering, uate Academic Studies er, Electronic and Telecommunication	
						(E20) Con	g, Undergraduate Academic Studies	
2.	E212	Mathe	matical Ana	lysis 1		(SE0) Sof	tware Engineering and Information Technologies,	
						(SEL) Soft	tware Engineering and Information Technologies -	
						(E20) Con	ndergraduate Academic Studies	
						Academic Studies ( MR0) Measurement and Control Engineering,		
3.	E213	Discre	te Mathema	atics and Linear Algebra		Undergrad (SE0)Sof	uate Academic Studies tware Engineering and Information Technologies,	
						Undergrad (SEL)Sof	uate Academic Studies tware Engineering and Information Technologies -	
						Loznica, Undergraduate Academic Studies (E20) Computing and Control Engineering, Undergradua		
						Academic (ES0) Pov	Studies ver Software Engineering, Undergraduate	
4.	E224A	Probal	oility and St	ochastic Processes		Académic	Studies	
						Undergrad	uate Academic Studies	
						Loznica, U	ndergraduate Academic Studies	
5.	EOS07	Mathe	matics 2			(E01) Pow Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
						( M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
6	M102	Mathe	matics 1			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
0.		matric				(M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
	F400	Mathe	motical Arr-			( ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
/.	E 102	watre		แห่งเขา		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
8.	BMI91	Mathe	matics 1			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
9.	BMI92	Mathe	matics 2			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
10.	E102A	Mathe	matical Ana	lysis 1		( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	

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UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Linto	foourooo	hoing	hold by	the	tooobor i	in the	approdited	atudy	programmo
LIST C	of courses	being	neia by	the	teacheri	n the	accredited	study	programme

	ID	Course name	Study programme name, study type
11.	IM1423	Financial Mathematics	(I20) Engineering Management, Undergraduate Academic Studies
			(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
12	D701MS	Selected Chanters in Mathematics	(112) Industrial Engineering, Specialised Academic Studies
12.	DZOTINO		(122) Engineering Management, Specialised Academic Studies
			( Z00) Environmental Engineering, Specialised Academic Studies
13	1004/S	Statistical Quantitative Methods	( I20) Engineering Management, Specialised Professional Studies
10.	100 110		(IB0) Engineering Management - MBA, Specialised Professional Studies
14.	OIR009	Primenjena aktuarska matematika	( I20) Engineering Management, Specialised Professional Studies
15.	ZR503	Statistical Advanced Models	(Z01) Safety at Work, Master Academic Studies
16.	D0M07	Mathematical Foundations of Fuzzy Systems	( OM1) Mathematics in Engineering, Doctoral Academic Studies
17.	D0M21	Fuzzy Systems and Their Applications	( OM1) Mathematics in Engineering, Doctoral Academic Studies
18.	D0M49	Aggregation Functions	( OM1) Mathematics in Engineering, Doctoral Academic Studies
19.	D0M50	Fuzzy Measures and Integrals	( OM1) Mathematics in Engineering, Doctoral Academic Studies
20.	D0M51	Large Deviations Principles	( OM1) Mathematics in Engineering, Doctoral Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
			( E20) Computing and Control Engineering, Doctoral Academic Studies
			( F00) Graphic Engineering and Design, Doctoral Academic Studies
			(F20) Engineering Animation, Doctoral Academic Studies
			(G00) Civil Engineering, Doctoral Academic Studies
			(GI0) Geodesy and Geomatics, Doctoral Academic Studies
21.	DZ01M	Selected Chapters in Mathematics	(H00) Mechatronics, Doctoral Academic Studies
			(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies
			(M00) Mechanical Engineering, Doctoral Academic Studies
			(M40) Technical Mechanics, Doctoral Academic Studies
			( OM1) Mathematics in Engineering, Doctoral Academic Studies
			(S00) Traffic Engineering, Doctoral Academic Studies
			( Z00) Environmental Engineering, Doctoral Academic Studies
			(Z01) Safety at Work, Doctoral Academic Studies
Rep	oresentative	e refferences (minimum 5, not more than 10)	
1.	E. Pap, I Sets and	<ol> <li>Mihailović: A representatation of a comonotone-v-additive Systems 155, (2005) 77-88</li> </ol>	ve and monotone functional by two Sugeno integrals, Fuzzy
2.	B. Mihail 22, (2010	ović, E. Pap: Sugeno integral based on absolutely monoton )) 2857-2869	e real set functions, Fuzzy Sets and Systems, Vol 161, Issue
3.	B. Mihailo functions	ović, E. Pap: Asymmetric integral as a limit of generated Chu, Fuzzy Sets and Systems 181, (2011) 39-49.	oquet integrals based on absolutely monotone real set
4.	B. Mihailo 161-173.	ović, E. Pap: Asymmetric general Choquet integrals, Acta F	Polytechnica Hungarica, Volume 6, Issue Number 1, (2009)
5.	Kalina M Applicatio	., Manzi M., Mihailović B.: Choquet integrals and T-supermo ons, TIEI 3, DOI: 10.1007/978-3-642-33959-2 4 c Springer-\	dularity, E. Pap (Ed.): Intelligent Systems: Models and /erlag Berlin Heidelberg , (2013 ) 61-75.

SRS!	TAS STUDIO		UNIVERSITY OF NOVI SAD						
前日	A HACK	FACULTY OF TECHNICAL SCI		SAD, IRG DOSH	EJA OBRADOVICA 0				
12	Des Cs	Study Program	me Accredita	ation - Phl	D Studies	TTA TO			
.0	LANTEN	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HOS			
Re	presentative re	efferences (minimum 5, not more th	an 10)						
6.	6. B. Mihailović, Lj. Nedović, T. Grbić : The induced Sugeno integral-based operator w.r.t bi-fuzzy measures, Journal of Electrical Engineering, Vol.54, No. 12/s, (2003) 76-79.								
7.	B. Mihailovi 374.	ć, E. Pap: Non-monotonic set funct	ions and general fuzzy	integrals, Proce	edings of SISY 2008, Suboti	ica, (2008) 371-			
8.	B. Mihailovi 187-191.	ć: On the class of symmetric S-sep	arable aggregation fur	octions Proceedin	gs of AGOP 2007, Ghent, B	elgium, (2007)			
9.	B. Mihailovi 265-269.	ć, E. Pap: Decomposable signed fu	izzy measures, Procee	edings of EUSFLA	AT 2007, Ostrava, Czech Re	epublic, (2007)			
10.	B. Mihailovi	ć, M. Manzi: On the asymmetric SI	hilket-like integral, Pro	ceedings of AGO	P2011, Benevento, Italy, (20	011) 73-77.			
Su	nmary data fo	r teacher's scientific or art and profe	essional activity:						
Quot	ation total :		10						
Tota	of SCI(SSCI)	list papers :	4						
Curr	ent projects :		Domestic :	2	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Mihajlović R. Dragan			
Acad	lemic title:				Associate Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	ences - Novi Sad	
starti	ng date:				24.09.1990	24.09.1990		
Scier	ntific or art f	ield:			Applied Com	Applied Computer Science and Informatics		
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics	
PhD	thesis		1988	Faculty of Electrical Eng	ineering - Sara	jevo	Applied Computer Science and Informatics	
Bach	elor's thesis	S	1973	Faculty of Electrical Eng	ineering - Sara	jevo	Applied Computer Science and Informatics	
Magi	ster thesis		1070	Faculty of Electrical Eng	ineering - Sara	jevo	Electrical and Computer Engineering	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1	۵1154	Geoinf	formation St	veteme		( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
	//004	000		yotemo		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
2.	E243	Humar	n Computer	Interaction		( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
3.	GI029	Utility	Information	Systems and their Applica	ation	( GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
4.	GI205	Inform	ation Syste	ms and Databases		( GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
5.	RI43A	Databa	ases 1			(ES0) Power Software Engineering, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
	DLOD	6	<u>,</u>			( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
6.	RI43B	Databa	ases 2			( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
						( ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
7.	RI4A	Compu	uter Graphic	CS		( F10) Eng Studies	ineering Animation, Undergraduate Academic	
						( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
8.	0RI43B	Databa	ases 2			( ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
9.	BM118E	Databa	ases			( BM0) Bio Studies	medical Engineering, Undergraduate Academic	
10	E0242	Huma	-Computer	Interaction		( ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
10.	L0243	Turnal				( F10) Engineering Animation, Undergraduate Academic Studies		
11.	EE417A	Databa	ases			(E10) Pow Engineerin	er, Electronic and Telecommunication ng, Undergraduate Academic Studies	

4	TAS STUD		UNIVERSITY OF NOV	/I SAD		WHKHX H			
A		FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE			
S J	253	Study Program	Study Programme Accreditation - PhD Studies						
NEO,									
List of exercise hold he the second the detailed exercises									
LISU		eing heid by the teacher in the accrec	nied study programme	5					
	ID	Course name		Study programme name, study type					
				( E20) Computin Academic Studie	g and Control Engineering, es	Master			
12.	E2505	Multimedia Systems		( ES0) Power So Studies	ftware Engineering, Master	Academic			
				(F20) Engineerii	ng Animation, Master Acad	emic Studies			
				( SE0) Software Master Academie	Engineering and Information c Studies	n Technologies,			
			(E20) Computing and Control Engineering, Master						
13.	E2516	virtual Reality Systems	( SE0) Software Engineering and Information Technologies, Master Academic Studies						
14.	FDS151	Selected Chapters in Multimedia		(F00) Graphic E Studies	ngineering and Design, Do	ctoral Academic			
Rep	presentative	refferences (minimum 5, not more th	an 10)						
1.	Mihajlovid	ć D.,Informacioni sistemi i projektovan	je baza podataka, FTN	Novi Sad, 1998					
2.	Mihajlovid	č D, Obradović D,Jedan algoritam saž	imanja srpskohrvatskil	n reči, Informatika	a br 4, pp45-47, 1982				
3.	Mihajlovid	č D, Obradović D, An evalution of text	ual documents indexin	g methods, Yujor	, 1992, pp107-112.				
4.	Mihajlovid	č D i ostali, Softversko rešenje za farm	naceutski informacioni	sistem, Diskobolo	os 97.				
5.	Mihajlovid	ć D, Kecman Ž, Farmaceutski informa	cioni sistem, I kongres	farmaceuta Jugo	oslavije, Vrnjačka Banja, 19	94			
6.	Mihajlovid	č D, Izbor parova leksičkih jedinica iz j	ooznatog rečnika za a	utomatizovano po	stavljanje relacija u tezauru	ısu			
7.	Mihajlovid	č D, Odredjivanje vrsta reči iz srpskoh	rvatskog jezika primen	om računara, Info	ormatica, br 1, pp52-54, 19	988			
8.	Perišić B, aspekti, S	Obradović D, Mihajlović D, Standard Standardizacija i kvalitet u informacion	izacija metodologije pr im tehnologijama, beo	ojektovanja inforr grad 1995.	nacionih sistema software-	inženjerski			
9.	Mihajlovio pp73-83,	ć D, Nićin V, Prilog razvoju automastk Novi Sad	e obrade informacija u	INDOK-delatnos	ti u organima uprave, Dani	informatike 80,			
10.	Obradovi	ć D, Perišić B, Mihajlović D, Konjović	Z, Stanje i trendovi u p	rojektovanju infor	rmacionih sistema, IPME, E	Beograd, 1992			
Sur	mmary data	for teacher's scientific or art and profe	essional activity:						
Quot	tation total :								
Tota	l of SCI(SSC	CI) list papers :				1			
Curre	ent projects	:	Domestic :		International :				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Milosavljević P. Branko						
Acad	emic title:				Associate Professor				
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Tee	chnical Scie	ences - Novi Sad		
starti	ng date:	:- I-I.			01.10.1998	01.10.1998			
Scier	ntific or art f	ield:	Maar	1	Applied Comp	Applied Computer Science and Informatics			
Acad	emic caries	er	Year	Institution	Nevi O	1			
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics		
PhD			2003	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics		
Magi	ster thesis		1999	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics		
Bach		s sina hal	1997	Faculty of Technical Sci	ences - Novi Sa		Applied Computer Science and Informatics		
LISU		eing ne	id by the tea			.5			
	ID	Course	e name			Study pro	ogramme name, study type		
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1	E2E40	XML o	nd WER Sc	nicos		( MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies		
1.	L2L40					( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
						( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
	50544					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
2. E2	E2E41	E-BUSI	-Business Systems Security			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
3.	F209	Multim	edia			( F00) Gra Academic	raphic Engineering and Design, Undergraduate c Studies		
4.	F214l2	Raster	Graphics			( F00) Gra Academic	00) Graphic Engineering and Design, Undergraduate ademic Studies		
5.	GI100	Compu	uter Practic	um		( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
6.	RI41	Interne	et Software	Architectures		( E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
7	SEI41	Interne	at Software	Architectures		( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
1.	0LITI	interne	, Contware	Architectures		( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
8.	ISIT03	Introdu	uction to Pro	ogramming		( SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
9.	ISIT08	Object	oriented pr	ogramming fundamentals		( SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
10.	ISIT22	Osnov	e baza pod	ataka		( SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
11.	ISIT28	Inform	aciona bezł	pednost		( SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
12.	ISIT29	XML T	echnologie	S		( SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
13.	BMI95	Introdu	uction to Co	mputer Science		(BM0) Biomedical Engineering, Undergraduate Academic Studies			
1/		Wah h	ased Moss	urement and Data Acquire	ition Systems	( MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies		
		V-0-0	web-based Measurement and Data Acquisition a			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			

HESTTAS STUD		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD. TRG DOSITE JA OBRADOVIĆA 6									
N DE PC		Study Programme Accreditation - PhD Studies									
TROPLANTER'S		DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design									
List o	List of courses being held by the teacher in the accredited study programmes										
	ID	Course name	Study programme name, study type								
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies								
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies								
15.	SE0001	Introduction to Programming	(P00) Production Engineering, Undergraduate Academic Studies								
			( SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies								
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies								
			( E20) Computing and Control Engineering, Master Academic Studies								
16.	E2506	Advanced Internet Infrastructure	( SE0) Software Engineering and Information Technologies, Master Academic Studies								
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies								
17.	F402	Electronic Publishing	(F00) Graphic Engineering and Design, Master Academic Studies								
	E2521		(E20) Computing and Control Engineering, Master Academic Studies								
18		Rusiness Process Management	(MR0) Measurement and Control Engineering, Master Academic Studies								
10.			(SE0) Software Engineering and Information Technologies, Master Academic Studies								
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies								
10	E2526	Service Oriented Architectures	( E20) Computing and Control Engineering, Master Academic Studies								
13.		Service Oriented Architectures	(SE0) Software Engineering and Information Technologies, Master Academic Studies								
20.	DE417	Web-based Measurement Systems	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies								
21.	DRNI02	Selected Topics in Advanced Software Architecture	( E20) Computing and Control Engineering, Doctoral Academic Studies								
22.	DRNI03	Selected Topics in Internet-Based Systems	( E20) Computing and Control Engineering, Doctoral Academic Studies								
23.	DRNI06	Selected Topics in Digital Archives	( E20) Computing and Control Engineering, Doctoral Academic Studies								
24.	FDS151	Selected Chapters in Multimedia	(F00) Graphic Engineering and Design, Doctoral Academic Studies								
25.	FDS152	Selected Topics in Computer Graphics	(F00) Graphic Engineering and Design, Doctoral Academic Studies								
26.	FDS224	Selected Chapters in Programming	(F00) Graphic Engineering and Design, Doctoral Academic Studies								
27.	DRNI19	Selected Topics in Information Security	( E20) Computing and Control Engineering, Doctoral Academic Studies								
Rep	presentative	refferences (minimum 5, not more than 10)									
1.	Branko M Software	lilosavljević. Models for Extensible Multimedia Document R Engineering, Miami, FL, 2004.	tetrieval. In IEEE 6th International Symposium on Multimedia								
2.	Branko Milosavljević, Milan Vidaković, Srđan Komazec, and Gordana Milosavljević. User Interface Code Generation for Data- Intensive Applications with EJB-Based Data Models. In Software Engineering Research and Practice (SERP"03), Las Vegas, NV 2003.										
3.	Branko Milosavljević and Zora Konjović. Design of an XML-Based Extensible Multimedia Information Retrieval System. In IEEE Multimedia Software Engineering (MSE2002), Newport Beach, CA, 2002. pp. 114-121.										
4.	G. Sladić, B. Milosavljević, Z. Konjović. Extensible Access Control Model for XML Document Collections, Intl. Conf. on Security and Cryptography ICETE-SECRYPT"07, Barcelona, Spain, 2007.										
5.	Branko Milosavljević, Milan Vidaković, and Zora Konjović. Automatic code generation for database-oriented web applications. In James Power and John Waldron, editors, Recent Advances in Java Technology: Theory, Application, Implementation, pages 89-										
	98. Trinity College Dublin, 2003.										

HAS STUDIORUM		UNIVERSITY OF NOVI SAD							
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD TRG DOSITEJA OBRADOVIĆA 6							
		Study Programme Accreditation - PhD Studies							
		DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design							
Rep	presentative r	efferences (minimum 5, not more th	ian 10)						
6.	6. Danijela Tešendić, Branko Milosavljević, and Dušan Surla. A library circulation system for city and special libraries. The Electron Library, 27(1):162-186, 2009. ISSN: 0264-0473, DOI: 10.1108/02640470910934669.								
7.	Jelena Radjenović, Branko Milosavljević, and Dušan Surla. Modelling and implementation of catalogue cards using FreeMarker. Program: electronic library and information systems, 43(1):62-76, 2009. ISSN: 0033-0337, DOI: 10.1108/00330330910934110.								
8.	Milan Vidaković, Branko Milosavljević, Zora Konjović, and Goran Sladić. Extensible Java EE-based agent framework and its application on distributed library catalogues. Computer Science and Information Systems (ComSIS), 6(2):1-28, 2009. ISSN: 1820-0214, DOI: 10.2298/csis0902001V.								
9.	Aleksandar Kovačević, Branko Milosavljević, Zora Konjović, and Milan Vidaković. Adaptive content-based music retrieval system. Multimedia Tools and Applications, 47(3):525-544, 2010. ISSN: 1380-7501, DOI: 10.1007/s11042-009-0336-2.								
10.	Bojana Dimić, Branko Milosavljević, and Dušan Surla. XML schema for UNIMARC and MARC 21. The Electronic Library, 28(2):245-262, 2010. ISSN: 0264-0473, DOI: 10.1108/02640471011033611.								
Sur	Summary data for teacher's scientific or art and professional activity:								
Quotation total :			0						
Total of SCI(SSCI) list papers :			15						
Current projects :			Domestic :	2	International :	1			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:						Nedeliković M. Slobodan				
Academic title:				Full Professor						
Name of the institution where the teacher works full time and				Academy of Arts - Novi Sad						
starting date:				15.03.2003						
Scientific or art field:				Graphic Desi	gn					
Acad	emic caries	er	Year	Institution				Field		
Acad	emic title e	ection:	2007	Academy of Arts	- Novi	Sad		Graphic Design		
PhD	thesis		2009	Faculty of Techni	ical Sci	I Sciences - Novi Sad		Graphic Engineering and Design		1
Magi	ster thesis		1982	Faculty of Fine A	rts - Be	Beograd		Fine Arts		
Bach	elor's thesis	6	1977	Faculty of Fine A	rts - Be	ograd Fine Arts				
List c	of courses b	eing hel	d by the tea	acher in the accred	lited stu	udy programme	es			
	ID	Course	e name				Study programme name, study type			
1.	F214I1	Graphi	ic culture				( F00) Gra Academic	phic Engineering and Desig Studies	ın, Und	lergraduate
2.	F312	Funda	mentals of	spatial design			( F00) Gra Academic	phic Engineering and Desig Studies	ın, Und	lergraduate
3.	F412I1	Creativ	/e Calligrap	bhy			( F00) Gra Academic	phic Engineering and Desig Studies	ın, Und	lergraduate
4.	F506	Spatia	l Design				(F00) Graphic Engineering and Design, Master Academic Studies			ster Academic
5.	FDS211	Selected Chapters in Design					(F00) Graphic Engineering and Design, Doctoral Academic Studies			
6.	FDS212	212 Selected Chapters in Art in Graphic Engine				ering	( F00) Gra Studies	phic Engineering and Desig	ın, Doc	toral Academic
Representative refferences (minimum 5, not more than 10)										
1.	<ol> <li>NEDELJKOVIĆ S., NEDELJKOVIĆ U.: PUT KA NOVOJ FORMI BAROKNOG ĆIRILIČNOG PISMA« Zbornik radova Trećeg naučno-stručnog simpozijuma GRID 2006. Fakultet tehničkih nauka. Novi Sad. 2006. pp. 159-168</li> </ol>									
2.	Nedeliković, S: Nedeliković, U: Pismo i tipografija, Fakultet tehničkih nauka, 2012									
3.	<ul> <li>Nedeljković, S; Pinčjer, I;Nedeljković, U; ANOTHER INSIGHT ON NEO-CLASSICAL TYPE FORMS, Sveuciliste u Zagrebu,</li> <li>Graficki fakultet; (Polje rezultata: Tehničko-tehnološke nauke) Skup "Blaž Baromić" International Conference on printing, design and graphic communications (14 : Seni :2011)</li> </ul>									
4.	Nedeljko Fakultet t	vić, S; N ehničkih	edeljković, n Nauka, No	U; Pinćjer, I; Zaha ovi Sad; Internatior	rius Go nal Sym	toantikva iposium on Gra	iphic Engine	eering and Design, GRID (5	; Novi	Sad ; 2010)
5.	Nedeljko disertacij	vić, S; T a, Fakul	ipografije ći tet tehničkil	iriličnih baroknih pi h nauka, Grafičko i	sama ti nženjei	ransponovane rstvo i dizajn, 2	u savremen 009	u tipografku formu; Odbranj	ena do	oktorska
6.	<ul> <li>Nedeljković, S; Pinćjer, I; Nedeljković, U; Principles of art nouveau and its reflection on contemporary type forms, International</li> <li>Symposium on Graphic Engineering and Design, GRID (6; Novi Sad; 2012) Faculty of Technical Sciences, Department of</li> <li>Graphic Engineering and Design 271-278</li> </ul>									
7.	NEDELjk Fakultet t	OVIĆ, l ehničkih	J; NEDELjk n nauka, No	(OVIĆ, S: Univerza ovi Sad, 2008, pp. 8	alno pis 35-90	mo, Zbornik ra	dova Četvrte	og naučno-stručnog simpoz	ijuma (	GRID 08,
8.	Nedeljkov tehničkih	vić, S; P nauka,	avlović, Ž: 1-3.11.2004	JUGOSLOVENSK 4; pp.105-110	A (SRP	SKA) LATINIC	A, 1. Nučno	-stručni simpozijum GRID, I	Novi Sa	ad; Fakultet
9.	9. Nedeljković, S. (2009) Tipografije ćiriličnih baroknih pisama transponovane u savremenu tipografku formu, Doktorska disetacija, Fakultet tehničkih nauka. Novi Sad									
10. Nedeljković, S. (1986)Individual exhibition abroad, Kultur-Zentrum des SFRJ, 18.23.3.1986; Stutgart, Germany(solo exhibition)										
Summary data for teacher's scientific or art and professional activity:										
Quotation total : 0										
Total	of SCI(SS	CI) list p	apers :		0					
Curre	Current projects : 0 International : 0								0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Novaković M. Dragoljub				
Academic title: Fi					Full Professor				
Name of the institution where the teacher works full time and Fac				acher works full time and	Faculty of Technical Sciences - Novi Sad				
starting date: 01.02.198					01.02.1988	· · · · · · · · · · · · · · · · · · ·			
Scientific or art field: Graphic E						neering and			
Acad	emic caries	er	Year	Institution					
Acad	emic title el	ection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
PND	tnesis		2001	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design		
Magi	ster thesis		1994	Faculty of Technical Sci	ences - Novi Sad		and Automatization Processes Design		
Bach	elor's thesis	5	1981	Faculty of Technical Sci	ences - Novi S	nces - Novi Sad Processes for Material Removal Proc			
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	Study programme name, study type		
1.	F114	Graph	ic applicatio	ns		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F201	Introdu	uction to Gra	aphic Technologies		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F206	Graph	ic Processe	S		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F211I1	Graph	ic design pr	oducts		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
5.	F303	Printin	g Techniqu	es		(F00) Gra Academic	aphic Engineering and Design, Undergraduate c Studies		
6.	F306	Graph	ic Systems			(F00) Gra Academic	Graphic Engineering and Design, Undergraduate mic Studies		
7.	F308	Print fi	nishing			(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
8.	F407	Colour Science				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
9.	F502	Graph	ic Packagin	g		( F00) Gra Studies	phic Engineering and Design, Master Academic		
10.	F504I7	Digital Printing				( F00) Gra Studies	phic Engineering and Design, Master Academic		
11.	F510l3	Method of research				( F00) Gra Studies	phic Engineering and Design, Master Academic		
12.	FDS13	Selected Chapters in Contemporary Graphic Technologies				( F00) Graphic Engineering and Design, Doctoral Academic Studies			
13.	FDS141	Select	ed Chapter	s in Colour Management		(F00) Graphic Engineering and Design, Doctoral Academic Studies			
14.	FDS153	Colour and Image Appearance Models				( F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
15.	FDS221	Selected Chapters in Packaging				( F00) Graphic Engineering and Design, Doctoral Academi Studies			
16.	FDS223	Selected Chapters in Contemporary Graphic Sys and Processes				( F00) Graj Studies	phic Engineering and Design, Doctoral Academic		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.	1. NOVAKOVIĆ, D.: Prilog rukovanju materijalom u grafičkim sistemima, Doktorska disertacija, Fakultet tehničkih nauka, 280 strana, Novi Sad. 2001								
2.	<ol> <li>Novaković D., Karlović I., Gojo M., Agić D.: Influence of surface enhancement of prints on colourimetric an visual characteristics, original scientific paper, Tekstil, 2009, Vol. 58, No 8, pp. 384-392. ISSN 0492-5882. UDK: 677.027.57:655.3</li> </ol>								
3.	<ul> <li>Novaković D., Kašiković N., Zeljković Ž., Agić D., Gojo M.: Thermograph analysis of thermal effects on the change of colour</li> <li>differences on the digitally printed textile materials, original scientific paper, Tekstil, 2010, Vol. 59, No 7, pp. 297-306, ISSN 0492-5882, UDK: 677.856:677.016.413.4</li> </ul>								
4.	4. Novaković D., Dedijer S., Poljaček- Mahović S.: A model for improving the flexographic printing plate making process, original scientific paper, Tehnički vjesnik/Technical Gazette, 2010, Vol. 17, No 4, pp. 403-410, ISSN 1330-3651, UDK: 655.22:621.78								
5.	Karlović I., Novaković D.: Effect of Different Coating Amounts on the Surface Roughness and Print Gloss of Screen Coated Offset Prints, J IMAGING SCI TECHN, 2011, Vol. 55, No 2, pp. 1-10, ISSN 1062-3701								

HOSTAS STUDIORUM		UNIVERSITY OF NOVI SAD								
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
		Study Programme Accreditation - PhD Studies								
		DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design				e Hos				
Rep	presentative r	efferences (minimum 5, not more th	an 10)							
6. Filipović N., Lazić V., Filipović J., Gvozdenović J., Novaković D.: Packaging material characteristics contributing to shlef-life crusk, Roumanian Biotechnological Letters, 2012, ISSN 1224-5984										
7.	Novaković D., Avramović D.: Influence of printing surface attributes on print quality in electrophotography, Tehnički vjesnik/Technical Gazette, 2012, Vol. 19, No 2, pp. 295-301, ISSN 1330-3651, UDK: 62(05)=163.42=111									
8.	Kašiković N., Novaković D., Karlović I., Vladić G.: INFLUENCE OF INK LAYERS ON THE QUALITY OF INK JET PRINTED TEXTILE MATERIALS, Tekstil ve konfeksiyon, 2012, Vol. 22, No 2, pp. 115-124, ISSN 1300-3356									
9.	9. Pavlović Ž., Novaković D., Cigula T.: Wear analysis of the offset printing plate`s non/printing areas depending on exploitation, Tehnički vjesnik/Technical Gazette, 2012, Vol. 19, No 3, pp. 479-484, ISSN 1330-3651, UDK: 655.344:620.178.16									
10.	D. Pavlović Ž., Risović D., Novaković D.: Comparative study of direct and indirect, image-based profilometry in characterization of surface roughness, Surface and Interface Analysis, 2012, Vol. 44, No 7, pp. 825-830, UDK: Online ISSN:1096-9918									
Summary data for teacher's scientific or art and professional activity:										
Quotation total :			350							
Total of SCI(SSCI) list papers :			9							
Current projects :			Domestic :	1	International :	1				


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Pantović B. Jovanka				
Acad	lemic title:				Full Professor				
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	ences - Novi Sad		
starting date:					13.06.1993				
Scier	ntific or art f	ield:	i		Mathematics				
Acad	lemic caries	er	Year	Institution			Field		
Acad	lemic title e	lection:	2010				Mathematics		
PhD	thesis		2000	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Magi	ster thesis		1996	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Bach	elor's thesis	s	1991	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
List o	of courses b	eing he	Id by the tea	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	E145	Opera	tions Resea	arch		(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies		
						(E10) Pow   Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
						( E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies		
2	F040	Diagana		dies and Lincon Alashas		( MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies		
۷.	E213	Discre		alics and Linear Algebra		( SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
						( SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
	F004A	Matha	motional Am			( E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies		
э.	EZZIA	watrie	matical Ana	iiysis z		( MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies		
4.	GI101	Algebr	а			( GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
5.	H203	Mathe	matics 3			(H00) Mechatronics, Undergraduate Academic Studies			
6.	IAM002	Discre Graph	te and Corr ics	binatorial Methods for Co	mputer	(F10) Eng Studies	ineering Animation, Undergraduate Academic		
7	\$053N	Onera	tions resear	rch.		( S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies		
,.		opeiu				(S01)Pos Undergrad	tal Traffic and Telecommunications, luate Academic Studies		
8.	0M512	Model	s of Compu	tation		( OM1) Ma Studies	thematics in Engineering, Master Academic		
9.	0ML512	Model	s of Compu	tation		( OM1) Ma Studies	thematics in Engineering, Master Academic		
						(E11) Pov Engineerin	ver, Electronic and Telecommunication Ig, Specialised Academic Studies		
						( I12) Indu	strial Engineering, Specialised Academic Studies		
10.	DZ01MS	Selected Chapters in Mathematics				(I22) Engi Studies	neering Management, Specialised Academic		
						( Z00) Env Studies	ironmental Engineering, Specialised Academic		
11.	D0M08	Applie	d Abstract A	Algebra		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
12.	D0M13	Theory	y of Mobile	Processes		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
13.	D0M14	Proces	ss Algebra			( OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
14.	D0M22	Multipl	e-Valued L	ogic		Studies ( OM1) Mathematics in Engineering, Doctoral Academic Studies			

## ALSTAS STUDIO

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses being held by the teacher in the accredited study programme

				<b>,</b>				
	ID	Course name		Study programme name, study type				
15.	D0M23	Clone Theory		( OM1) Mathematics in Engineering, Doctoral Academic Studies				
				(E10) Power, El Engineering, Do	ectronic and Telecommunicator of the sector	ation		
				( E20) Computing and Control Engineering, Doctoral Academic Studies				
				( F00) Graphic E Studies	ngineering and Design, Doc	toral Academic		
				(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
				(G00) Civil Engi	neering, Doctoral Academic	Studies		
				(GI0) Geodesy a	and Geomatics, Doctoral Ac	ademic Studies		
16		Colocted Chapters in Mathematics		(H00) Mechatro	nics, Doctoral Academic Stu	dies		
10.	DZUTM	Selected Chapters in Mathematics		(120) Industrial E Doctoral Acaden	Engineering / Engineering Manie Studies	anagement,		
				(M00) Mechanic	al Engineering, Doctoral Ac	ademic Studies		
				(M40) Technica	Mechanics, Doctoral Acade	emic Studies		
				( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic		
				(S00) Traffic En	gineering, Doctoral Academ	ic Studies		
				( Z00) Environmental Engineering, Doctoral Acad Studies				
				(Z01) Safety at	Work, Doctoral Academic St	udies		
17.	AID05	Theory of Mobile Processes		(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
18.	AID06	Graph theory		(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
Rep	oresentative	refferences (minimum 5, not more th	an 10)					
1.	Gilezan S Algorithm	S., Pantović J., Žunić J.: Partitioning F is and Metaheuristics (editor: T. F. Go	inite d-Dimensional In nzalez)., Chapman	teger Grids with A	Applications, chapter in: App	roximation		
2.	Ghilezan Neural N	S., Pantović J., Žunić J.,Separating p etworks, 2007, Vol. 18, No. 5, 1356-13	oints by parallel hyper 363.	planes - characte	ization problem, IEEE Trans	actions on		
3.	Mariangio Comput.	ola Dezani-Ciancaglini, Silvia Ghilezar Sci, 2008, 402(2-3): 156-171	n, Jovanka Pantovic, D	aniele Varacca: S	Security types for dynamic w	eb data. Theor.		
4.	Pantović 2000, 36	J., Vojvodić D., On the cardinality of n 9-374.	onfinitely based function	onally complete a	lgebras, Algebra Universalis	s, Vol. 43, No. 4,		
5.	Pantović Vol. 38, N	J., Tošić R., Vojvodić G., The cardina Io.2, 1997, 136-140.	lity of functionally com	plete algebras on	a three element set, Algebr	a Universalis,		
6.	Pantović Vol. 19, N	J., Machida H., Rosenberg I.: Regula lo 1-3, pp. 149-162, ISSN 1542-3980	r sets of operations, J	ournal of Multiple	Valued Logic and Soft Com	puting, 2012,		
7.	Machida 18, No 2,	H., Pantović J.: Three classes of max pp. 201-210, ISSN 1542-3980	timal hyperclones, Jou	rnal of Multiple V	alued Logic and Soft Compu	iting, 2012, Vol.		
8.	Pantović 2009, pp	J., Machida H.: Maximal hyperclones 1-13, ISSN 1542-3980	on E2 as hypercores	, Journal of Mult	iple Valued Logic and Soft 0	Computing,		
9.	Pantović Vol.113 (	J., Tošić R., Vojvodić G., Relative con 2-3), 2001, 337-342.	npleteness with respec	ct to two unary fur	nctions, Discrete Applied Ma	thematics,		
10.	Marinagi Trustwor	ola Dezani-Ciancaglini, Silvia Ghileza hy Global Computing, Lecture Notes i	n, Jovanka Pantović, S in Computer Science, 3	Security types for 2007, Vol. 4661,	dynamic web data, Proceed str. 263-280.	ings of		
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		30					
Total	of SCI(SS	CI) list papers :	13					
Curre	ent projects	:	Domestic :	2	International :	3		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Pavlović S. Živko				
Acad	lemic title:				Assistant Professor				
Name of the institution where the teacher works full time and					Faculty of Te	Faculty of Technical Sciences - Novi Sad			
starting date:					10.07.2000				
Scier	ntific or art f	ield:			Graphic Engi	Graphic Engineering and Design			
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	lection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
Magi	ster thesis		2007	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
Bach	elor's thesis	S	2002	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es I			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	F303	Printin	g Techniqu	es		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F304I1	Digital	Photograp	hy		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F307	Printin	g Forms			( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F407	Colour	Science			( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
5.	F408	Indust	rial Design			( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
6.	F411	Basics	of game m	aking		( F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
7.	F504I9	Colour	Managem	ent		( F00) Gra Studies	phic Engineering and Design, Master Academic		
8.	F510I1	Desigr	n of industri	al products		( F00) Gra Studies	phic Engineering and Design, Master Academic		
9.	F510l3	Metho	d of researd	ch		( F00) Gra Studies	phic Engineering and Design, Master Academic		
10.	FDS141	Select	ed Chapter	s in Colour Management		(F00) Graphic Engineering and Design, Doctoral Academic Studies			
11.	FDS153	Colour	and Image	Appearance Models		(F00) Graphic Engineering and Design, Doctoral Academic Studies			
12.	FDS221	Select	ed Chapter	s in Packaging		(F00) Graphic Engineering and Design, Doctoral Academic Studies			
13.	FDS222	Lightne	ess and Co	lour Perception		( F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
14.	FDS223	Selecter and Pr	ed Chapter ocesses	s in Contemporary Graphi	c Systems	( F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.	Reprodul	kciona te	ehnika,priru	čnik za vežbe, Novi Sad 2	2008, ISBN 978	8-86-7892-1	33-9, COBISS.SR-ID 234181639		
2.	Tehnike §	štampe,	Praktikum	za vežbe, Novi Sad 2011,	ISBN 978-86-	7892-350-0,	COBISS.SR-ID 266828039		
3.	Pavlović surface re	Ž., Riso oughnes	vić D., Nova ss., Surface	aković D.: Comparative s and Interface Analysis, 2	tudy of direct a 012, Vol. 44, N	nd indirect, o 7, pp. 825	image-based profilometry in characterization of 5-830, UDK: Online ISSN:1096-9918		
4.	Pavlović . Tehnički	Ž., Nova vjesnik/	aković D., C Technical C	Gazette, 2012, Vol. 19, No	f the offset prin 3, pp. 479-484	iting plate`s	non/printing areas depending on exploitation, D-3651, UDK: 655.344:620.178.16		
5.	<ul> <li>Apro M., Dedijer S., Pavlović Ž., Đerić A.: Analiza lepljenih spojeva transportnih kutija od talasastih lepenki, 18. Međunarodni</li> <li>simpozijum iz oblasti celuloze, papira, ambalaže i grafike, Zlatibor: Tehnološko-metalurški fakultet Univerziteta u Beogradu,</li> <li>Centar celulozno-papirne, ambalažne i grafičke industrije Srbije, 19-22 Jun, 2012, pp. 61-66, ISBN 978-86-7401-283-3</li> </ul>								
6.	Dedijer S simpoziju 22 Jun, 2	., Pavlo im iz ob 012, pp	vić Ž.: Ana lasti celuloz . 84-89, ISE	liza parametara kvalitata o e, papira, ambalaže i graf 3N 978-86-7401-283-3	otiska rotacione fike, Zlatibor: Te	e ofset štam ehnološko -	pe u zavisnosti od tiraža, 18. Međunarodni metalurški fakultet Univerziteta u Beogradu, 19-		
7.	Apro M., Symposiu Centar ce	Sadžak um in the	ov M., Pavl e field of pu -papirne <u>,</u> al	ović Ž., Dedijer S.: Karak Ilp, paper, packaging and mbalažne i grafičke indust	terizacija ofset graphics, Zlatik trije Srbije, 21-2	štampe na i por: Tehnolo 24 Jun, 2010	recikliranim kartonima, 17. International sško-metalurški fakultet Univerziteta u Beogradu, 0, pp. 177-180, ISBN 978-86-7401-267-3		

ASTAS STUDIO			UNIVERSITY OF NO	VI SAD		UNKHX M					
		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
		Study Program	D Studies	To a							
·0	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphi	c Engineering and Design	HOD HOD					
Re	presentative re	efferences (minimum 5, not more th	an 10)								
8.	<ul> <li>Pavlović Ž., Apro M., Dedijer S., Novaković D.: Opseg boja u rotacionoj heat-set ofset štampi u zavisnosti od sastava sredstva za vlaženje, 17. International Symposium in the field of pulp, paper, packaging and graphics, Zlatibor: Tehnološko-metalurški fakultet Univerziteta u Beogradu, Centar celulozno-papirne, ambalažne i grafičke industrije Srbije, 21-24 Jun, 2010, pp. 181-184, ISBN 978-86-7401-267-3</li> </ul>										
9.	Dedijer S., and PE foil, Faculty of L	Apro M., Pavlović Ž., Cigula T., Obr 2. International Joint Conference o .ight Industry and Environmental En	enović B.: Influence on Environmental and gineering, 21-22 Nove	of ink solvent con Light Industry Te embar, 2011, pp.	centration on wetting of flexo chnologies, Budimpešta: Rej 143-150, ISBN 978-615-501	o printing plate jtő Sándor 18-23-7					
10.	<ul> <li>Gojo M., Pavlović Ž., Novaković D.: Analysing of the surface roughness of non printing elements on CtP thermal offset plate, 11.</li> <li>International design conference, Dubrovnik: Faculty of Graphic Arts, University of Zagreb, 17-20 Maj, 2010, pp. 1941-1946, ISBN 978-953-7738-08-2</li> </ul>										
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:								
Quot	Quotation total : 0										
Tota	Total of SCI(SSCI) list papers : 2										
Curr	ent projects :		Domestic :	1	International :	1					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Pilipović R. Stevan			
Acad	lemic title:				Full Professo	ſ		
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Sci	ences - Nov	vi Sad	
starti	ng date:				01.01.1973			
Scier	ntific or art f	ield:			Mathematics			
Acad	lemic cariee	er	Year	Institution	Field		Field	
Acad	lemic title e	ection:	1987	Faculty of Sciences - No	ovi Sad		Mathematics	
PhD	PhD thesis 1979 Faculty of Sciences - Nov						Mathematics	
Magi	Magister thesis 1977 Faculty of Mathematics						Mathematics	
Bachelor's thesis 1973 Faculty of Sciences - N				Faculty of Sciences - No	ovi Sad		Mathematics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	DAU004	Select	ed Chapters	s in Mathematics 2		( E20) Con Academic	nputing and Control Engineering, Doctoral Studies	
						(H00) Med	chatronics, Doctoral Academic Studies	
						( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies	
						( E20) Con Academic	nputing and Control Engineering, Doctoral Studies	
						( F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
						( F20) Eng	ineering Animation, Doctoral Academic Studies	
						( G00) Civi	l Engineering, Doctoral Academic Studies	
						( GI0) Geodesy and Geomatics, Doctoral Academic Stud		
2	D701M	Select	od Chantor	s in Mathematics		(H00) Mechatronics, Doctoral Academic Studies		
۷.	DZUTIW	Gelect				( 120) Industrial Engineering / Engineering Manage Doctoral Academic Studies		
						(M00) Mechanical Engineering, Doctoral Academic Studi		
						( M40) Technical Mechanics, Doctoral Academi		
						( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
						( S00) Traffic Engineering, Doctoral Academic Studies		
						( Z00) Environmental Engineering, Doctoral Academic		
						Studies		
						(Z01) Safety at Work, Doctoral Academic Studies		
Rep	presentative	reffere	nces (minin	num 5, not more than 10)				
1.	Atanacko APPLIED	vić TM, MATHI	Oparnica L EMATICS, (	., Pilipović S: On a model (2006) vol.71 br.1 str. 1-13	of viscoelastic 3.	rod in unilat	eral contact with a rigid wall, IMA JOURNAL OF	
2.	Atanacko PHYSICS	vic, TM S A-MA1	Pilipovic, S THEMATIC	S Zorica, D: A diffusion wa AL AND THEORETICAL,	ave equation w (2007) vol.40 b	ith two fract r.20 str. 531	ional derivatives of different order, JOURNAL OF 19-5333	
3.	Pilipovic, distributio	S. Teo ons, JOL	fanov, N. : I JRNAL OF	Multiresolution expansion, MATHEMATICAL ANALY	approximation	order and o	quasiasymptotic behavior of tempered , (2007) vol.331 br.1 str. 455-471	
4.	Obergug JOURNA	genberg L OF M	er, M. Pilip ATHEMATI	ovic, S. Scarpalezos, D. CAL ANALYSIS AND API	: Positivity and PLICATIONS, (	positive def 2007) vol.3	initeness in generalized function algebras, 28 br.2 str. 1321-1335	
5.	Obergug MONATS	genberg SHEFTE	er, M. Pilip FUR MATI	ovic, S. Valmorin, V. : Gl HEMATIK, (2007) vol.151	obal representa br.1 str. 67-74	atives of Col	lombeau holomorphic generalized functions,	
6.	6. Pilipovic, S Scarpalezos, D : Divergent type quasilinear Dir MATHEMATICAE, (2006) vol.94 br.1 str. 67-82					blem with si	ngularities, ACTA APPLICANDAE	
7.	7. Pilipovic, Stevan Vuletic, Mirjana : Characterization of wave f JOURNAL, (2006) vol.58 br.3 str. 369-391					s by wavele	et transforms, TOHOKU MATHEMATICAL	
8.	Hormann functions	, G Obe as coef	erguggenbe ficients, TR	erger, M Pilipovic, S : Mic ANSACTIONS OF THE A	rolocal hypoelli MERICAN MA	pticity of line	ear partial differential operators with generalized AL SOCIETY, (2006) vol.358 br.8 str. 3363-3383	
9.	Mitrovic, ANALYS	D Pilipo IS AND	ovic, S : App APPLICAT	proximations of linear Diric IONS, (2006) vol.313 br.1	chlet problems str. 98-119	with singula	rities, JOURNAL OF MATHEMATICAL	
10.	Pilipovic, MATHEM	Stevan IATICUI	Scarpalez M, (2006) v	os, Dimitris Valmorin, Vin ol.18 br.5 str. 789-801	cent : Equalitie	s in algebra	s of generalized functions, FORUM	

# UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Graphic Engineering and Design Summary data for teacher's scientific or art and professional activity: Quotation total : 250

Quotation total :	250			
Total of SCI(SSCI) list papers :	258			
Current projects :	Domestic :	0	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Popović V. Miroslav				
Acad	lemic title:				Full Professor				
Nam	e of the inst	titution v	where the te	acher works full time and	Faculty of Tee	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				21.03.1985				
Scier	ntific or art f	ield:			Computer En	Computer Engineering and Computer Communication			
Acad	lemic caries	er	Year	Institution					
Acad	lemic title e	lection:	2002	Faculty of Technical Scie	ences - Novi Sa	ad	Computer Engineering and Computer Communication		
PhD	thesis		1990	Faculty of Technical Scie	ences - Novi Sa	ad	Electrical and Computer Engineering		
Magi	ster thesis		1988	Faculty of Technical Scie	ences - Novi Sa	ad	Electrical and Computer Engineering		
Bach	elor's thesis	S	1984	Faculty of Technical Scie	ences - Novi Sa	ad	Electrical and Computer Engineering		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E23A2	Real T	ïme System	Programming 1		( SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
2.	E23M	Real T	ime System	Programming 2		(ES0) Pow Academic	ver Software Engineering, Undergraduate Studies		
						( MR0) Me Undergrad	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
۰ د	SE0033	Dorolla	Drogromp			( SE0) Soff Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
э.	3E0032	Paralle	er Programm	ling		( SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
4	SE1006	Ohiect		rogramming 2		( SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
4.	321000	Object	Offented I			( SEL) Soft Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
5.	SERT01	Syster	n Programn	ning 1		( SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
6	RT57	Inter C	omputer Co	ommunications and Comp	uter	(E20) Con Academic	nputing and Control Engineering, Master Studies		
0.	1(10)	Netwo	rks 2			( SE0) Soft Master Aca	tware Engineering and Information Technologies, ademic Studies		
7	DT511	Practio	um in comp	outer engineering and con	nputer	(E20) Con Academic	nputing and Control Engineering, Master Studies		
7.	KIJII	comm	unications			( SE0) Soft Master Aca	tware Engineering and Information Technologies, ademic Studies		
8.	DAU002	Select	ed Chapters	s in Computing		( F00) Graj Studies	phic Engineering and Design, Doctoral Academic		
						(H00) Mec	chatronics, Doctoral Academic Studies		
9.	DRT01	Select	ed Chapters	s in Real Time Systems S	oftware	(E20) Con Academic	nputing and Control Engineering, Doctoral Studies		
10 DALI014 Selected Tenics in Computing						(E20) Con Academic	nputing and Control Engineering, Doctoral Studies		
10. DAU014 Selected Topics in Computing				loompuung		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
Rep	oresentative	e reffere	nces (minim	num 5, not more than 10)					
1.	Vladimir I programi	Kovačev ranje, U	vić, Miroslav niverzitet u	v Popović, Sistemska prog Novom Sadu, Fakultet ter	jramska podršk nničkih nauka,∷	a u realnon 2011.	n vremenu 1: Programski alati i paralelno		
2.	Vladimir I vremenu	Kovačev , Univer	vić, Miroslav zitet u Novo	v Popović, Sistemska prog m Sadu, Fakultet tehnički	ramska podršk h nauka, 2011.	ka u realnon	n vremenu 2: Operativni sistemi za rad u realnom		

S	TAS STUD		UNIVERSITY OF NO	VISAD		UNYKHX Hav					
A	OR	FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
U. NE		Study Programme Accreditation - PhD Studies									
0)	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	HO					
Re	presentative r	efferences (minimum 5, not more th	an 10)								
3.	Miroslav Po	pović, Communication Protocol En	gineering, CRC Press,	Boca Raton, Flo	rida, 2006, ISBN 08493981	42.					
4.	4. Čapko D., Erdeljan A., Popović M., Švenda G.: An Optimal Relationship-Based Partitioning of Large Datasets, LNCS, Springer Verlag, 2010, str. 555-558, ISBN 978-3-642-15575-8										
5.	Popović M. Elsevier, 20	, Bašičević I.: Test case generation )10, Vol. 52, No 6, pp. 697-706, ISS	n for the task tree type N 0950-5849	of architecture, In	formation and Software Te	chnology,					
6.	Popović M. Research a	, Kuprešanin I., Bašičević I.: Gener nd Essays, 2012, Vol. 7, No 11, pp	ic method for statistica . 1992-2248, ISSN 199	l testing of parall 92-2248	el programs based on task	trees, Scientific					
7.	Čapko D., I Systems, E	Erdeljan A., Švenda G., Popović M.: lectronics and electrical engineering	A Dynamic Repartition A Dynamic Repartition A Dynamic Repartition (121) A Dynamic Repartition (121) A Dynamic R	oning of Large Da I, pp. 1392-1215,	ta Model in Distribution Mar ISSN 1392-1215	nagement					
8.	Čapko D., I Journal of A	Erdeljan A., Popović M., Švenda G.: Advances in Electrical and Compute	An Optimal Initial Pa Engineering, 2011, \	rtitioning of Large /ol. 11, No 4, pp.	Datasets in Utility Manage 41-46, ISSN 1582-7445	ment Systems,					
9.	Bašičević I. communica	, Kukolj D., Popović M.: On the app tions, Applied Intelligence, 2010, Vo	olication of fuzzy-base ol. 2093, pp. 75-84, IS	d flow control app SN 1573-7497	roach to High Altitude Platf	orm					
10.	10. Bašičević I., Popović M.: Use of SIP Protocol in Development of Telecom Services, Journal of The Communications Network, 2008, Vol. 3, No October, ISSN 1477-4739										
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:								
Quot	tation total :		216								
Tota	I of SCI(SSCI)	list papers :	11								
Curr	ent projects :		Domestic :	1	International :	1					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:				Prica Đ. Miljana				
Acad	lemic title:					Assistant Professor				
Name of the institution where the teacher works full time an					ne and	Faculty of Technical Sciences - Novi Sad				
starting date:						15.11.1999				
Scier	Scientific or art field:					Graphic Engineering and Design				
Acad	lemic cariee	er	Year	Institution				Field		
Acad	lemic title el	lection:	2009	Faculty of Techni	cal Scie	ences - Novi S	ad	Graphic Engineering and Design	า	
PhD	thesis		2009	Faculty of Scienc	es - No	ovi Sad		Chemist Science		
Magi	lagister thesis         2003         Faculty of Scien					ovi Sad		Chemist Science		
Bach	elor's thesis	S	1999	Faculty of Scienc	es - No	ovi Sad		Chemist Science		
List c	of courses b	eing he	ld by the tea	acher in the accred	lited stu	idy programme	S			
	ID	Course	e name				Study pro	gramme name, study type		
1.	F103	Chemi	stry in Grap	hic Engineering			(F00) Gran	bhic Engineering and Design, Uno Studies	dergraduate	
2.	F106	Graph	ic Materials				(F00) Grap Academic	bhic Engineering and Design, Uno Studies	dergraduate	
3.	F307	Printin	g Forms				(F00) Gran	bhic Engineering and Design, Uno Studies	dergraduate	
4.	Z102	Tehnič	ka hemija(u	uneti naziv na engle	eskom)		(Z20) Envir Studies	onmental Engineering, Undergra	duate Academic	
5.	F409	Graph	ic Environm	ent			( F00) Grap Studies	bhic Engineering and Design, Ma	ster Academic	
6.	Z507	Fizičko	o hemijski p	rincipi(uneti naziv r	na engl	eskom)	(Z20) Environmental Engineering, Master Academic Stu			
7.	FDS225	Graph	ic materials	-selected chapters			( F00) Grap Studies	phic Engineering and Design, Doo	ctoral Academic	
Rep	oresentative	e reffere	nces (minin	num 5, not more th	an 10)					
1.	M. Prica, (AVS) an Vol. 389.	B. Dalm d simult No. 2-3	nacija, S. Ro aneously e: . str. 235- 2	ončević, D. Krčmar ktracted metals (SE 44. ISSN 0048-969	and M M) rati	. Bečelić: A co o in Vojvodina	mparison of (Serbia) sec	sediment quality results with acid diments, Science of The Total Env	volatile sulfide vironment, 2008,	
2.	Elvira S. Galvanic Health p	Karlovic Sludge art A 20	, Bozo D. D Immobilizat 08 Vol 43	almacija, Zagorka ion in Clay-based	S. Tarr Matrix a	nas, Miljana Dj. as an Environn 093-4529	Prica, Jonja nentally Safe	aua G. Ranogajec: Preliminary Ev Process , Journal of Environmer	aluation of ntal Science and	
3.	Correlatio Contamir	on between ated Se	een the Res	ults of Sequential e Scientific World	Extracti	ion and Effectiv AL (2010) ISS	veness of Im N: 1537-744	mobilization Treatment of Lead- a X, 10, 1-19	and Cadmium-	
4.	M. Prica, oxidation 73 br. 6, s	B.Dalm and the str. 1370	acija, M.Da correlation 0-1377,	Imacija, J.Agbaba, with the immobiliz	D.Krcn ation p	nar, J.Trickovic otential, ECOT	, E.Karlovic OXICOLOG	. Changes in metal availability du Y AND ENVIRONMENTAL SAFE	ring sediment TY, (2010), vol.	
5.	Milica B. Tričković 214, 1-4,	Velimirc Charact 219-229	ović, Miljana erisation, A 9	Dj. Prica, Božo D. vailability, and Risk	Dalma Asses	icija, Srđan D. ssment of the M	Rončević, M letals in Sec	lilena B. Dalmacija, Milena Dj. Be liment after Aging, Water Air Soil	čelić, Jelena S. Pollut., 2011,	
6.	Prica Milj remediati 1107.	ana, Da ion of zii	Imacija Mile nc-contamir	ena, Dalmacija Bož nated sediment, JC	to, Tričk JURNA	ković Jelena, M L OF THE SEF	laletić Sneža RBIAN CHEN	ana, The use of cardboard factory MICAL SOCIETY, (2012), vol. 77	v sludge in the br. 8, str. 1097-	
7.	Jelena M dose on t RESEAR	olnar, Ja he conto CH, (20	asmina Agb ent and stru 12), vol. 19	aba, Božo Dalmac icture of haloacetic br. 8, str. 3079-30	ija, Srđ ⊨acid pi 86.	an Rončević, N recursors in gro	/liljana Prica oundwater, E	, Aleksandra Tubić. Influence of p ENVIRONMENTAL SCIENCE AN	H and ozone D POLLUTION	
8.	Kiurski J.	, Đukić.	M., Dalmad	cija, B. "Otpadne vo	ode iz š	tamparija u No	vom Sadu".	Procesna tehnika 1(19), 195-198	3 (2003)	
9.	Kiurski, J 168 (2004	., Prica, 4).	M. "Sadrža	j volatilnih organsk	ih jedir	ijenja u radnoj	sredini grafi	čke industrije", Procesna tehnika	2-3(20), 166-	
10.	10. M.Prica, J,Kiurski, Fišl, J. Immobilization of Printing Plant Wastewater and Contaminated Sediment in Cement Matrix, Physical Chemistry 2008, Belgrade, pp. 686-688.						trix, Physical			
Sur	nmary data	for teac	her's scient	ific or art and profe	essiona	l activity:				
Quot	ation total :				35					
Total	of SCI(SS	CI) list p	apers :		10					
Curre	Current projects :					stic :	3	International :	0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:				Rajković R. Milan				
Acad	lemic title:					Senior Science Associate				
Nam	e of the inst	itution v	where the te	acher works full tin	ne and	Vinča Institute	e of Nuclear	Sciences - Vinča		
starti	ng date:					01.01.2000				
Scier	ntific or art f	ield:				Physical Scie	nce			
Acad	lemic caries	er	Year	Institution				Field		
Acad	lemic title e	ection:	2005	Vinča Institute of	Nuclea	ar Sciences - Vi	nča	Physical Science		
PhD	thesis		1997	University of Belg	grade -	rade - Beograd Physics				
Magi	ster thesis		1983	University of Pen	nsylva	nsylvania - Tennessee Physics				
Bach	elor's thesis	S	1982	University of Pen	nsylva	nia - Tennesse	9	Physics		
List o	of courses b	eing he	Id by the te	acher in the accred	lited stu	udy programme	s			
	ID Course name						Study pro	gramme name, study type		
							( E10) Pow Engineerin	ver, Electronic and Telecommunic g, Doctoral Academic Studies	cation	
							(E20) Con Academic	nputing and Control Engineering, Studies	Doctoral	
							( F00) Gra Studies	phic Engineering and Design, Do	ctoral Academic	
							( F20) Eng	ineering Animation, Doctoral Aca	demic Studies	
							( G00) Civi	I Engineering, Doctoral Academic	c Studies	
							(GI0) Geo	desy and Geomatics, Doctoral Ad	cademic Studies	
1.	DZ01M	Select	ed Chapter	s in Mathematics			( H00) Med	chatronics, Doctoral Academic St	udies	
							(120) Indus Doctoral A	strial Engineering / Engineering M cademic Studies	lanagement,	
							( M00) Me	chanical Engineering, Doctoral Ad	cademic Studies	
						(M40) Technical Mechanics, Doctoral Academic St			emic Studies	
					( OM1) Mathematics in Engineering, Doctoral A Studies			al Academic		
							(S00) Traf	fic Engineering, Doctoral Acaden	nic Studies	
							( Z00) Env Studies	ironmental Engineering, Doctoral	Academic	
							(Z01) Safe	ety at Work, Doctoral Academic S	itudies	
Rep	oresentative	reffere	nces (minin	num 5, not more th	an 10)					
1.	D. Horak (2009) P(	, S. Male 03034.	etić, M. Raj	ković, Persistent H	omolog	y of Complex N	Networks, Jo	ournal of Statistical Mechanics an	d Applications	
2.	Milan Raj Nuclear F	ković, N <sup>-</sup> usion 4	/I.M. Škorić, 8 (2008) 1-	K. Sølna and G. A	Antar, C	Characetrization	of Local Tu	Irbulence in Magnetic Confineme	nt Devices,	
3.	Mladen N symmetry	likolić ai / group	nd Milan Ra solvable by	ijković, A group the quadratures, Non	eoretic : llinear [	approach to a c Dynamics 48 (2	class of third 007) 17-27.	l-order differential equations with	two parameter	
4.	Mladen N 22 (2006	likolić aı ),	nd Milan Ra	ijković, Bifurcations	s in Noi	nlinear Models	of Fluid Cor	nveying Pipes, Journal of Fluids a	nd Structures,	
5.	Z. Mihailo	ović and	M. Rajkovi	ć, Cooperative Par	rondo's	s games on a tv	vo-dimensio	onal lattice, Physica A 365 (2006	) 244-251	
6.	Milan Raj Nuclear F	ković, T Jusion 4	omo-hiko V 9 (2009) 09	Vatanabe and M.M 95016i	. Škori	ć, Level crossir	g function in	n the Analysis of Confined Plasm	a Turbulence,	
7.	Milan Raj 48 (2008	ković ar ) L31-L3	nd M.M. Ško 35.	orić, Characterizati	on of Ir	ntermittency in	Plasma Edg	e Turbulence; Contributions to P	lasma Physics	
8. M. Rajković, Nonextensive entropy as a measure of t						me series com	olexity, Phys	sica A 340 (2004) 327-333		
9.	M. Raiko	vić and 2	Z. Mihailovi	ć, Quantifving Corr	nplexitv	in the Minoritv	Game. Phv	sica A 325 (2003) 40 - 47		
	Z. Mihaik	ović and	M. Raikovi	ć. One-dimensiona	al Asvn	chronous Coon	erative Parr	ondo's Games. Fluctuation and N	loise Letters 3	
10.	(2003) L3	89 - 39	8	.,						
Sur	nmary data	for teac	cher's scien	tific or art and profe	essiona	activity:				
Quot	ation total :	21			100					
Tota	of SCI(SS	l) list p	apers :		22 Dom		4	Internetier - Li	4	
Curre	ent projects	•			ome ו	esuc:		International :	1	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Ralević M. Ne	ebojša		
Acad	lemic title:				Full Professo	r		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
Starti	ng date:	iald			01.10.1990			
Acad		ieiu.	Voor	Institution	mainematics	Field		
Acad		loction:	2010	Eaculty of Tochnical Sci	oncos Novi Si	ad	Mathematics	
	thesis	lection.	1007	Faculty of Sciences - No	wi Sad	au	Mathematical Sciences	
Magi	ster thesis		1994	Faculty of Sciences - No	vi Sad		Mathematical Sciences	
Bach	elor's thesis	s	1990	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List	of courses b	eina he	ld by the tea	acher in the accredited stu	udv programme	s		
		<u> </u>				-		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H103	Mathe	matics 1			(H00) Med	chatronics, Undergraduate Academic Studies	
2.	H107	Mathe	matics 2			(H00) Mea	chatronics, Undergraduate Academic Studies	
						(M30) Ene	ergy and Process Engineering, Undergraduate	
3.	M4201	Mathe	matics 3			(M40) Tec	chnical Mechanics and Technical Design	
						Undergrad	uate Academic Studies	
4.	M4202	Applie	d Mathema	tical Analysis		(M40) Teo Undergrad	chnical Mechanics and Technical Design, luate Academic Studies	
5.	P216	Numer	rical Analys	is		(P00)Pro Studies	duction Engineering, Undergraduate Academic	
6.	0M502	Partial	Differential	Equations		( OM1) Mathematics in Engineering, Master Academic Studies		
7.	0M508	Mathe	matical Fou	ndations of Fuzzy System	าร	( OM1) Ma Studies	thematics in Engineering, Master Academic	
8.	0M517	Numer	rical Analys	is		( OM1) Ma Studies	thematics in Engineering, Master Academic	
9.	0ML502	Partial	Differential	Equations		( OM1) Ma Studies	thematics in Engineering, Master Academic	
10.	0ML508	Mathe	matical Fou	ndations of Fuzzy System	าร	( OM1) Ma Studies	thematics in Engineering, Master Academic	
11.	0ML517	Numer	rical Analys	is		( OM1) Ma Studies	thematics in Engineering, Master Academic	
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						( 112) Indu	strial Engineering, Specialised Academic Studies	
12.	DZ01MS	Select	ed Chapter	s in Mathematics		( I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
13.	Z506	20BAd	Ivanced Co	urse in Mathematics 1		(ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies	
						(Z20) Envi	ronmental Engineering, Master Academic Studies	
14.	Z506	Viši ku	irs matemat	ike 1(uneti naziv na engle	eskom)	(Z20) Envi	ronmental Engineering, Master Academic Studies	
15.	D0M02	Partial	Differential	Equations		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
16.	D0M07	Mathe	matical Fou	ndations of Fuzzy System	าร	( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
17.	D0M21	Fuzzy	Systems ar	nd Their Applications		( OM1) Mathematics in Engineering, Doctoral Academic Studies		
18.	D0M38	Non-lir	near Equation	ons and Their Application	s	( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
19.	D0M39	Optimi	zation Meth	nods and Mathematical Mo	odelling	( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	

RSI	TAS STUDIO		UNIVERSITY OF NO			CHUNKNY MAL			
AINO AINO			ENCES 21000 NOVI	SAD, TRG DOST	EJA OBRADOVICA 6				
12EO	3776 ×	Study Program	ime Accredit	ation - Phl	J Studies	ATTA TONY			
	LANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	- <b>P</b>			
List o	of courses b	eing held by the teacher in the accred	dited study programme	es I					
	ID	Course name		Study programme name, study type					
20.	DOM54	Computational geometry		<ul> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> </ul>					
21.	DOM55	Pattern Recognition		(F20) Engineerii (OM1) Mathema Studies	ng Animation, Doctoral Aca atics in Engineering, Doctor	idemic Studies al Academic			
				(E10) Power, El Engineering, Doo	ectronic and Telecommunic toral Academic Studies	cation			
				(E20) Computing Academic Studie	g and Control Engineering, es	Doctoral			
				( F00) Graphic E Studies	ingineering and Design, Do	ctoral Academic			
				(F20) Engineerii	ng Animation, Doctoral Aca	demic Studies			
				(G00) Civil Engi	neering, Doctoral Academi	c Studies			
				(GI0) Geodesy a	and Geomatics, Doctoral A	cademic Studies			
22.	DZ01M	Selected Chapters in Mathematics		(H00) Mechatro	nics, Doctoral Academic St	udies			
				(120) Industrial E Doctoral Academ	Engineering / Engineering N nic Studies	lanagement,			
				( M00) Mechanic	al Engineering, Doctoral A	cademic Studies			
				( M40) Technical	I Mechanics, Doctoral Acad	lemic Studies			
				( OM1) Mathema Studies	atics in Engineering, Doctor	al Academic			
				(S00) Traffic En	gineering, Doctoral Acader	nic Studies			
			( Z00) Environmental Engineering, Doctoral Academic Studies						
				(Z01) Safety at V	Work, Doctoral Academic S	Studies			
Rep	presentative	e refferences (minimum 5, not more th	an 10)						
1.	E. Pap, N	I. Ralević, Pseudo-Laplace transform,	, Nonlinear Analysis: T	heory Methods ar	nd Applications, 33 (1998),	533-550.			
2.	N. M. Ra represen	lević, Lj. M. Nedović, T. Grbić, The ps tation of their solution by the pseudo-i	eudo-linear superposi ntegral, Fuzzy Sets ar	tion principle for n nd Systems 155 (2	onlinear partial differential (2005) 89-101.	equations and			
3.	Lj. M. Ne (2005) 65	dović, N. M. Ralević, T. Grbić,Large ( 5-76.	deviation principle with	generated pseud	lo measures,Fuzzy Sets an	d Systems 155			
4.	T. Lukić, (accepteo	N. M. Ralević, Geometric Mean Newt d).	on"s Method for Simpl	e and Multiple Ro	ots, Applied Mathematics L	etters			
5.	N. M. Ra	lević, One characterization of Navier-S	tokes equation, Acta I	Mechanica Slova	ca, Košice, ročnik 8., č. 4/2	004, str. 97-102.			
6.	N. Ralevi	ć, Some new properties of g-calculus	, Univ. u Novom Sadu	Zb. Rad. Prirod	Mat. Fak. Ser. Mat. 24, 1 (1	994), 139-157.			
7.	E. Pap, N	I. Ralević, Pseudo operations on finite	e intervals, Novi Sad J	. Math. Vol. 29, No	o. 1, 1999, 1-6				
8.	N. M. Ra	lević, A generalization of the Pseudo-	Laplace transform, No	vi Sad J. Math. Vo	ol. (accepted).				
9.	I. Kovače	ević, N. Ralević, Funkcionalna analiza	, Edicija tehničke nauk	ke, Novi Sad (2004	4), 203 str.				
10.	I. Kovače	vić, N. Ralević, Matematička analiza	l (uvodni pojmovi i gra	nični procesi), Nov	vi Sad (2000), 155 str.				
Sur	nmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :		28						
Tota	of SCI(SS	CI) list papers :	10	1					
Curre	ent projects	:	2	International :	0				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:				Satarić V. Miljko				
Acad	lemic title:				Full Professor			
Nam	e of the inst	titution v	where the te	acher works full time and	Faculty of Te	chnical Scie	ences - Novi Sad	
starti	ng date:				03.01.1973			
Scier	ntific or art f	ield:			Physics			
Academic carieer Year Institution			Institution			Field		
Acad	lemic title el	lection:	1995	Faculty of Technical Sci	ences - Novi S	ad	Physics	
PhD	thesis		1984	School of Electrical Eng	ineering - Beog	jrad	Physics	
Magi	ster thesis		1979	School of Electrical Eng	ineering - Beog	jrad	Physics	
Bach	elor's thesis	s	1972	Faculty of Sciences - No	ovi Sad		Physics	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1	F103	Physic	`S			( E10) Pov Engineerin	ver, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
	L 100	THYSIC				( MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
2.	E215	Physic	s			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
3.	Z103	Select	ed Chapter	s in Physics 1		(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
4.	Z110	Select	ed Chapter	s in Physics 2		(Z20) Environmental Engineering, Undergraduate Academic Studies		
5.	El410	Biophy	ysics			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
6.	DE203S	Odabr	ana poglavl	ja iz kvantne elektronike		(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies		
7.	DE301S	Molek	ularna elekt	ronika(uneti naziv na eng	leskom)	(E11) Pov Engineerin	ver, Electronic and Telecommunication ng, Specialised Academic Studies	
						(E11) Pov Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						(I12) Industrial Engineering, Specialised Academic Studies		
8.	DZ01FS	Select	ed Chapter	s in Physics		(I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
9.	EM511	Quant	um and Org	anic Electronics		(E10) Pow Engineerin	er, Electronic and Telecommunication ng, Master Academic Studies	
10.	SI028	Biophy	ysics			( E00) Pov Engineerin	ver, Electronic and Telecommunication ng, Specialised Professional Studies	
11.	DE203	Selected Chapters in Quantum Electronics				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
12.	DE301	Molec	ular Electro	nics		( E10) Pov Engineerin	ver, Electronic and Telecommunication ng, Doctoral Academic Studies	

ASITAS STUD			UNIVERSITY OF NO	VI SAD		HUMKHX MAL		
NINC		FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVICA 6	ĨĤ.		
120	DAAC &	Study Program	me Accredita	ation - PhD	) Studies	Con Law		
.01	LANTER	DOCTORAL ACADEMIC STUDIE	8	Graphic	Engineering and Design	HO		
List o	of courses b	eing held by the teacher in the accred	lited study programme	s				
	ID	Course name		Study programme name, study type				
				(E10) Power, Ele Engineering, Doo	ectronic and Telecommuni ctoral Academic Studies	ication		
				(E20) Computing Academic Studie	g and Control Engineering es	, Doctoral		
				( F00) Graphic E Studies	ngineering and Design, Do	octoral Academic		
				(G00) Civil Engi	neering, Doctoral Academ	ic Studies		
			(GI0) Geodesy a	and Geomatics, Doctoral A	cademic Studies			
			(H00) Mechatronics, Doctoral Academic Studies					
13.	DZ01F	Selected Chapters in Physics		(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies				
				(M00) Mechanical Engineering, Doctoral Academic Studies				
				(M40) Technical Mechanics, Doctoral Academic Studies				
				( OM1) Mathematics in Engineering, Doctoral Academic Studies				
				(S00) Traffic Eng	gineering, Doctoral Acade	mic Studies		
				(Z00) Environme Studies	ental Engineering, Doctora	Il Academic		
				(Z01) Safety at V	Work, Doctoral Academic	Studies		
Representative refferences (minimum 5, not more than 10)								
1.	S. Zdravk Model",Pl	ović, M.V. Satarić, "Single-Molecule I nys.Rev.E73,021905-11,2006.	Jnzipping Experiments	on DNA Peyrard	-Bishop-Dauxois			
2.	J. A. Tusz of tubulin no.10, pp	zynski, J. A. Brown, E. Crawford, E. J structure and calculations of electros . 1055-1070, 2005.	. Carpenter, M. L. A. N tatic properties of micr	ip, J. M. Dixon, M otubules", Mather	. Satarić, "Molecular dyna natical and Computer Mod	mics simulations Jelling, vol. 41,		
3.	M. Satario no. 3, pp.	ć, B. Satarić, J. A. Tuszynski, "Nonline 255-264, 2005.	ear model of microtubu	ile dynamics", Ele	ctromagnetic Biology and	Medicine, vol.24,		
4.	S. Zdravk Computat	ović J. A. Tuszynski, M. Satarić "Pey tional and Theoretical Nanoscience, v	rard-Bishop-Dauxois m rol. 2, no. 2, pp. 263-27	nodel of DNA dyna 71, 2005.	amics and impact of viscos	sity", Journal of		
5.	S. Zdravk Physics L	ović, M. Satarić, "Optical and Acousti etters 22, pp. 850-853, 2005.	cal Frequencies in a N	Ionlinear Helicoida	al Model of DNA Molecule'	', Chinese		
6.	S. Portet, influence	J. A. Tuszynski, J. M. Dixon, M. Sata of gravitational fields", Physical Revie	rić, "Models of spatial ew E, vol. 68, no. 2, 20	and orientational : 03.	self-organization of microt	ubules under the		
7.	M. Satario Review E	ć, J. A. Tuszynski, "Relationship betw , vol. 67, no. 1, 2003.	een the nonlinear ferro	electric and liquid	l crystal models for microti	ubules", Physical		
8.	S. Zdravk 5911-592	ović, M. Satarić, "DNA dynamics and 3, 2003.	big viscosity", Internat	ional Journal of N	lodern Physics B, vol.17, r	ю. 31-32, pp.		
9.	M. Satario 2002.	ć, J. A. Tuszynski, "Impact of regulato	ry proteins on the non	linear dynamics of	f DNA", Physical Review E	, vol. 65, no. 5,		
10.	10. G. Keković, D. Raković, M. Satarić, D. Koruga, "A kink-soliton model of charge transport through microtabular cytoskeleton", Current Research in Advanced Materials and Processes, vol. 494, pp. 507-512, 2005.							
Sur	mmary data	for teacher's scientific or art and profe	essional activity:					
Quot	tation total :		295					
Total	I of SCI(SSC	CI) list papers :	67 Damastia	1		<u> </u>		
Curre	ent projects		Domestic :		international :	12		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:			Sladoje Matić I. Nataša				
Acad	emic title:				Associate Professor			
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
starti	ng date:				14.03.1994			
Scier	ntific or art f	ield:	1		Mathematics			
Academic carieer Year Institution					Field			
Acad	emic title el	ection:	2011				Mathematics	
PhD	thesis		2005	University of Novi Sad -	Novi Sad		Mathematical Sciences	
Magi	ster thesis		1998	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Bach	elor's thesis	5	1992	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	A101	Mathe	matics			(A00) Arcl	hitecture, Undergraduate Academic Studies	
2.	E135B	Mathe	matical Ana	Ilysis 2		( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
3.	GI107	Mathe	matical Ana	Ilysis 1		( GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
4.	IAM001	Mathe	matical Sha	pe Modeling for Compute	er Animation	(F10) Eng Studies	ineering Animation, Undergraduate Academic	
5.	IAM004	Geom	etry of Disc	rete Space		(F10) Engineering Animation, Undergraduate Academic Studies		
6.	IGA008	Mathematics for Engineering Graphics				(F10) Eng Studies	ineering Animation, Undergraduate Academic	
7.	BMI91	Mathematics 1				(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
8.	BMI92	Mathematics 2				( BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.	E101A	Discre	te Mathema	atics		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						(112) Industrial Engineering, Specialised Academic Studie		
10.	DZ01MS	Selected Chapters in Mathematics				(122) Engineering Management, Specialised Academic Studies		
						(Z00) Environmental Engineering, Specialised Academic Studies		
11.	Z506	20BAc	lvanced Co	urse in Mathematics 1		(ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies	
						(Z20) Envi	ronmental Engineering, Master Academic Studies	
12.	IA018	Comp	uter Geome	try		(F20) Eng	ineering Animation, Master Academic Studies	
13.	D0M28	Digital	Geometry			( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
14.	D0M29	Image	Processing	1		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
15.	D0M30	Image	Processing	2		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
16.	D0M31	Applied Algorithms				( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
17.	D0M32	Combi	inatorial and	d Geometric Algorithms		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
18.	D0M33	Positic	onal Games			( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	

ast	TAS STUD		UNIVERSITY OF NO	VI SAD	WHYKKX HAL		
ANN ANN		FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOSITEJA OBRADOVIĆA 6			
D. NEO	5	Study Program	nme Accredit	ation - PhD Studies	Call Call		
4	ANTER	DOCTORAL ACADEMIC STUDIE	S	Graphic Engineering and Design	- 6-		
List o	of courses b	eing held by the teacher in the accrea	dited study programme				
	ID	Course name		Study programme name, study type			
				(E10) Power, Electronic and Telecommu Engineering, Doctoral Academic Studies	nication		
				Academic Studies	ig, Doctoral		
			(F00) Graphic Engineering and Design, Doctoral Acade Studies				
				(F20) Engineering Animation, Doctoral A	cademic Studies		
				(G00) Civil Engineering, Doctoral Acade	mic Studies		
				(GI0) Geodesy and Geomatics, Doctoral	Academic Studies		
10	D701M	Selected Chapters in Mathematics		(H00) Mechatronics, Doctoral Academic Studies			
13.	DZUTW	Selected Chapters in Mathematics		<ul> <li>(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(M40) Technical Mechanics, Doctoral Academic Studies</li> </ul>			
				( OM1) Mathematics in Engineering, Doc Studies	toral Academic		
				( S00) Traffic Engineering, Doctoral Acad	emic Studies		
				(Z00) Environmental Engineering, Docto Studies	ral Academic		
				(Z01) Safety at Work, Doctoral Academic	c Studies		
20.	AID07	Digital geometry		(F20) Engineering Animation, Doctoral A	cademic Studies		
Rep	presentative	e refferences (minimum 5, not more th	an 10)				
1.	Sladoje N Computir	N., Lindblad J., Nystrom I.: Defuzzifica 19. 2011. Vol. 29. No 2-3. pp. 127-141	ation of spatial fuzzy s I. ISSN 0262-8856	ets by feature distance minimization. , Imag	ge and Vision		
2.	Lukić T., 2011. Vo	Lindblad J., Sladoje N.: Regularized I. 27. No 8. pp. 8501-1. ISSN 0266-56	Image Denoising Bas	ed on Spectral Gradient Optimization, Inve	rse Problems,		
3.	Sladoje N Pattern A	N., Lindblad J.: High precision bound	dary length estimation	by utilizing grey-level information , IEEE 357-363. ISSN 0162-8828	Transactions on		
4.	N. Sladoj No. 5. pp	e and J. Lindblad, "Representation a	nd Reconstruction of I	Fuzzy Disks by Moments", Fuzzy Sets and	Systems, Vol. 158		
5.	N. Sladoj Computir	e, I. Nyström, and P.K. Saha, "Measung, vol. 23, pp 123-132, 2005.<\eng>	rements of digitized o	bjects with fuzzy borders in 2D and 3D", In	age and Vision		
6.	J. Zunic a and Macl	and N. Sladoje, "Efficiency of Charac hine Intelligence, vol.22, No.4, pp 40	terizing Ellipses and I 7-414, 2000.<\eng>	Ellipsoids by Discrete Moments", IEEE Trai	s. Pattern Analysis		
7.	J. Chanu Pattern F	ssot, I. Nyström and N. Sladoje, "Sha Recognition Letters, vol. 26(6), pp. 735	pe signatures of fuzzy 5-746, 2005.<\eng>	star-shaped sets based on distance from	the centroid",		
8.	Ćurić,V., Accepteo	Lindblad, J., Sladoje, N., Sarve, H., for Pattern Analysis and Applications	Borgefors, B. A new s, 2012.	set distance and its application to shape re	gistration.		
9.	Lindblad L., Sladoje N. Coverage Segmentation based on Linear Unmixing and Minimization of Perimeter and Boundary Thickness. Pattern Recognition Letters, Vol. 33, No.6, pp. 728-738. 2012.						
10.	Malmberg F., Lindblad J., Sladoje N., Nystrom I.: A graph-based framework for sub-pixel image segmentation, Theoretical Computer Science, 2011, Vol. 412, No 15, pp. 1338-1349						
Sur	mmary data	for teacher's scientific or art and prof	essional activity:				
Quot	tation total :		71				
Tota	l of SCI(SS	CI) list papers :	21				
Curre	ent projects		Domestic :	2 International	3		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Stojaković M. Mila			
Acad	lemic title:				Full Professo	r		
Nam	e of the inst	titution v	where the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
starti	ng date:				01.12.1975			
Scier	ntific or art f	ield:	X	1 00 0				
Acad	lemic caries	er	Year					
Acad	lemic title el	lection:	1993	Faculty of Technical Scie	ences - Novi Sa	ad	Mathematics	
PhD	thesis		1980	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis	_	1978	Faculty of Mathematics	- Beograd		Mathematical Sciences	
Bach		S	1975	Faculty of Sciences - No	ovi Sad	-	Mathematical Sciences	
LIST	of courses b	eing nei	d by the tea	acher in the accredited stu	idy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E121	Mathe	matical Ana	lysis 2		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2	E125	Drahak	sility Statia	ian and Stachastic Drass		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
∠.	E100	FIODAL	anty, Statisi	ics and Stochastic Proces	5555	(E10) Pow Engineerin	er, Electronic and Telecommunication g. Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
3.	E221A	Mathe	matical Ana	llysis 2		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
		Probability and Stochastic Processes				(ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
4.	E224A					( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Sofi Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
5.	ZC006	Probat	oility, Statist	tics and Random Process	es	( ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
6.	0M504	Operat	tional Rese	arch		( OM1) Ma Studies	thematics in Engineering, Master Academic	
7.	0M505	Stocha	astic Proces	ses		( OM1) Ma Studies	thematics in Engineering, Master Academic	
8.	0ML504	Operat	tional Rese	arch		( OM1) Ma Studies	thematics in Engineering, Master Academic	
9.	0ML505	Stocha	astic Proces	ses		( OM1) Ma Studies	thematics in Engineering, Master Academic	
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						( 112) Indus	strial Engineering, Specialised Academic Studies	
10.	DZ01MS	Select	ed Chapters	s in Mathematics		(I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
						( F20) Eng	ineering Animation, Master Academic Studies	
11.	IAM005	Mathe	matical Gar	ne Theory		( OM1) Ma Studies	thematics in Engineering, Master Academic	
12.	SD0M03	Operat	tional Rese	arch		( GI0) Geo Studies	desy and Geomatics, Specialised Academic	
13.	SD0M15	Statistics				( GI0) Geo Studies	desy and Geomatics, Specialised Academic	
14.	ZR503	Statisti	cal Advanc	ed Models		(Z01) Safe	ety at Work, Master Academic Studies	
15.	D0M03	Operat	tional Rese	arch		( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	

# NO 200 MANTERS

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses b	being held by	the teacher in the	e accredited study	/ programme

2.01 0			inea etaa) pregramme				
	ID	Course name		Study program	me name, study type		
16.	D0M04	Random Processes		( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic	
17.	D0M15	Statistics		( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic	
18.	D0M27	StatisticsApplied in Engineering		( OM1) Mathematics in Engineering, Doctoral Academic Studies			
19.	DAU004	Selected Chapters in Mathematics 2		(E20) Computing and Control Engineering, Doctoral Academic Studies			
				(H00) Mechatro	nics, Doctoral Academic Stu	dies	
20.	DOM59	Fixed point theory		( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic	
				( E10) Power, El Engineering, Do	ectronic and Telecommunica ctoral Academic Studies	ation	
				( E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral	
				( F00) Graphic E Studies	ingineering and Design, Doc	toral Academic	
				(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies	
				(G00) Civil Engi	neering, Doctoral Academic	Studies	
				(GI0) Geodesy a	and Geomatics, Doctoral Ac	ademic Studies	
21	D701M	Solocted Chapters in Mathematics		(H00) Mechatro	nics, Doctoral Academic Stu	dies	
21.	220	Selected Chapters in Mathematics		(I20) Industrial E Doctoral Acaden	Engineering / Engineering Manie Studies	anagement,	
				(M00) Mechanic	al Engineering, Doctoral Ac	ademic Studies	
				(M40) Technica	Mechanics, Doctoral Acade	emic Studies	
				( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic	
				(S00) Traffic En	gineering, Doctoral Academ	ic Studies	
				( Z00) Environm Studies	ental Engineering, Doctoral	Academic	
				(Z01) Safety at Work, Doctoral Academic Studies			
Rep	oresentative	refferences (minimum 5, not more th	an 10)				
1.	Mila Stoja	aković, Decomposition and representa	ation of fuzzy valued m	easure, Fuzzy Se	ets and Systems, 112(2000)	251-256	
2.	Mila Stoja	aković, Fuzzy conditional expectation,	Fuzzy Sets and Syste	ems, 52(1992) 49-	-54		
3.	Mila Stoja	aković, Fuzzy random variable, expec	tation, martingales, J.M	Math.Anal.Appl., 1	84(1994) 594-606.		
4.	Mila Stoja	aković, Fuzzy martingales, Stochastic	Analysis and Applicati	ions, 14(1996), 38	55-368.		
5.	Mila Stoja	aković, Zoran Stojaković, Support fund	ction for fuzzy set, Pro	ceedings of Roya	I Society, London A, 452(19	96), 421-438.	
6.	Mila Stoja	aković, Zoran Stojaković, Addition and	l series of fuzzy sets, F	uzzy Sets and S	ystems, 83(1996) 341-346.		
7.	Mila Stoja	aković, Representation of fuzzy valued	d mappings, Fuzzy Set	ts and Systems, 9	98(1998) 375-381.		
8.	Mila Stoja	aković, Fuzzy valued measure, Fuzzy	Sets and Systems,65(	(1994) 95-104			
9.	Mila Stoja 88.	aković, Common fixed point theorems	in complete metric an	d probabilistic spa	aces,Bull. Australian Math. S	oc.,36(1987)73-	
10.	Mila Stoja	aković, Zoran Ovcin, Fixed point theore	ems and variational pri	nciple, Fuzzy S	ets and Systems, 66(1994)3	53-356.	
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
Quot	ation total :		71				
Tota	of SCI(SS	CI) list papers :	16				
Curre	ent projects	:	Domestic :	1	International :	1	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Teofanov Đ. I	_jiljana		
Acad	lemic title:				Assistant Pro	fessor		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
starti	ng date:				18.12.1995			
Scier	ntific or art f	ield:	X	1 00 0	Mathematics			
Academic carleer Year Institution						Field		
Acad		lection:	2009	Faculty of Technical Scie	ences - Novi S	ad	Mathematics	
PhD			2008	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Nag	ster thesis		2000	Faculty of Sciences - No	wi Sad		Mathematical Sciences	
Bacr		S Loing ho	1994	Faculty of Sciences - No	Idu programma		Mathematical Sciences	
LISU		eing ne	id by the tea			.5		
	ID	Course	e name			Study pro	gramme name, study type	
1.	A101	Mathe	matics			(A00) Arch	nitecture, Undergraduate Academic Studies	
						(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
2.	EE204	Select	ed Chapters	s in Mathematics		(E10) Pow Engineerin	er, Electronic and Telecommunication a. Undergraduate Academic Studies	
3.	GG00	Mathe	matical Met	hods 1		( G00) Civi	I Engineering, Undergraduate Academic Studies	
4.	GI101	Algebr	a			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
5.	IAM001	Mathe	matical Sha	pe Modeling for Compute	r Animation	(F10) Eng Studies	ineering Animation, Undergraduate Academic	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
6.	M102	02 Mathematics 1				(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						(M20)Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
						(M30) Energy and Process Engineering, Undergraduate Academic Studies		
7.	M106	Mathe	matics 2			( M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						( P00) Production Engineering, Undergraduate Academic Studies		
8.	E101A	Discre	te Mathema	atics		( E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
9.	IM1523	Discre	te Mathema	atics		(I20) Engir Studies	eering Management, Undergraduate Academic	
10.	P216	Numer	rical Analys	Ś		( P00) Proo Studies	duction Engineering, Undergraduate Academic	
11	850000	Disers	to Mothers	stico		( SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
11.	SE0009	Discre	te Mathema	aucs		( SEL) Sofi Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						( E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						( I12) Indus	strial Engineering, Specialised Academic Studies	
12.	DZ01MS	Select	ed Chapters	s in Mathematics		( I22) Engi Studies	neering Management, Specialised Academic	
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	

### STATISTICS STATISTICS

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

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DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

ID	)	Course name		04					
12				Study programme name, study type					
13.	IA022	Numerical Optimization		(F20) Engineerii	ng Animation, Master Acade	mic Studies			
14. [	D0M48	Numerical Methods for Solving Difference	rential Equations	( OM1) Mathema Studies	atics in Engineering, Doctora	I Academic			
				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies					
				( E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral			
				( F00) Graphic E Studies	ngineering and Design, Doc	toral Academic			
				(F20) Engineeri	ng Animation, Doctoral Acad	emic Studies			
				(G00) Civil Engi	neering, Doctoral Academic	Studies			
				(GI0) Geodesy a	and Geomatics, Doctoral Aca	ademic Studies			
	D704M	Calestad Charters in Mathematics	(H00) Mechatro	nics, Doctoral Academic Stu	dies				
15. L		Selected Chapters in Mathematics		(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies					
				(M00) Mechanic	al Engineering, Doctoral Aca	ademic Studies			
				(M40) Technica	I Mechanics, Doctoral Acade	mic Studies			
				( OM1) Mathematics in Engineering, Doctoral Academic Studies					
				(S00) Traffic En	gineering, Doctoral Academi	ic Studies			
				( Z00) Environmo Studies	ental Engineering, Doctoral /	Academic			
				(Z01) Safety at	Work, Doctoral Academic St	udies			
Repres	sentative	refferences (minimum 5, not more the	an 10)						
1. S	Surla, K., Applied M	Teofanov, Lj., Uzelac, A Robust Lay lathematics and Computation,(2009),	er-Resolving Spline Co 208(1): 76-89	ollocation Method	for a Convection-Diffusion F	<sup>2</sup> roblem,			
2. T	Teofanov Comput.	, Lj., Roos, HG, An elliptic singularly Appl. Math. Vol. 212, 2008, 374-389	/ perturbed problem w	ith two parameter	s II: robust finite element sol	ution, J.			
3. T A	Teofanov Appl. Mat	, Lj., Roos, HG, An elliptic singularly h. Vol. 206, 2007, 1082-1097	/ perturbed problem w	ith two parameter	s I: solution decomposition,	J. Comput.			
4. S	Surla, K., problem,	Uzelac, Z., Teofanov, Lj., The discret Math. Comput. Simul. 2009, Vol. 79, I	e minimum principle fo No 8, pp.2490-2505	or quadratic spline	e discretization of a singularl	y perturbed			
5. T N	⁻eofanov lo. 4, 20	, Lj., Zarin, H., Superconvergence for 09, 743-765	two-parameter singula	arly perturbed pro	blem, BIT Numerical Mather	natics, Vol. 49,			
6. V N	/ulanović Numer. A	5, R., Teofanov, Lj., A uniform numeric Igor. 54, 2010, 431-444	al method for semiline	ear reaction-difusi	on problems with a boundar	y turning point,			
7. T	⁻eofanov ⁄Iath., Vo	, Lj., Uzelac, Z., Family of Quadratic I. 84, No. 1, 2007, 33-50	Spline Difference Sche	emes for a Conve	ection-Diffusion Problem, Int	. J. Comput.			
8. S	Surla, K., Sad J. Ma	Uzelac, Z., Teofanov, Lj., On collocat ath, Vol. 31, No. 1, 2001, 125-132	ion methods for singu	lar perturbation p	roblems of convection-diffusi	on type, Novi			
9. S 2	Surla, K., 2000, 173	Uzelac, Z., Pavlović, Lj., On collocati 3-183	ion methods for singul	ar perturbation pr	oblems, Novi Sad J. Math.,	Vol. 30, No. 3,			
10. Č	). Čomić, I., Pavlović, Lj., Funkcije više promenljivih, Fakultet tehničkih nauka, Novi Sad, 2000, 95 str.								
Summa	Summary data for teacher's scientific or art and professional activity:								
Quotation total :         12									
Total of	SCI(SSC	CI) list papers :			Г				
Current	projects	International :	0						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:			Uzelac S. Zor	ica			
Acad	lemic title:				Full Professor			
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				01.10.1975			
Scier	ntific or art f	ield:			Mathematics			
Academic carieer Year Institution			Institution	Field				
Acad	lemic title el	ection:	2000	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics	
PhD	thesis		1989	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis		1980	Faculty of Mathematics	- Beograd		Mathematical Sciences	
Bach	elor's thesis	3	1974	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List o	of courses b	eing hel	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	GG00	Mathe	matical Met	hods 1		( G00) Civi	il Engineering, Undergraduate Academic Studies	
2.	GG05	Mathe	matical Met	hods 2		( G00) Civi	il Engineering, Undergraduate Academic Studies	
3.	ll1052	Mathe	matics 2			( I10) Indus Studies	strial Engineering, Undergraduate Academic	
4.	IM1002	Mathematics 1				<ul> <li>(110) Industrial Engineering, Undergraduate Academic Studies</li> <li>(120) Engineering Management, Undergraduate Academic Studies</li> </ul>		
5.	IM1006	Mathematics 2				(I20) Engi Studies	neering Management, Undergraduate Academic	
6.	IM1120	Knowledge management				(I20) Engir Studies	neering Management, Undergraduate Academic	
7.	0M518	Numer	rical Solutio	ns of Differential Equation	IS	( OM1) Ma Studies	thematics in Engineering, Master Academic	
8.	0ML518	Numer	rical Solutio	n of Differential Equations	;	( OM1) Mathematics in Engineering, Master Academic Studies		
						(E11) Pow Engineerin	ver, Electronic and Telecommunication Ig, Specialised Academic Studies	
		Selected Chapters in Mathematics				(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
9.	DZ01MS							
						( Z00) Env Studies	ironmental Engineering, Specialised Academic	
10		Knowl				( I20) Engi Studies	neering Management, Specialised Professional	
10.		KIIOWI6		лпу		(IB0) Engi Profession	neering Management - MBA, Specialised al Studies	
11.	MBA309	Humar	n Resource	Management in Knowled	ge Economy	(IB0) Engi Profession	neering Management - MBA, Specialised al Studies	
12.	OIR010	Mathe	matics for E	Business and Finance		( I20) Engi Studies	neering Management, Specialised Professional	
13.	IA022	Numer	rical Optimiz	zation		( F20) Eng	ineering Animation, Master Academic Studies	
14.	D0M16	Differential Equations				( OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
15.	D0M18	Numer	rical Analys	sis		( OM1) Mathematics in Engineering, Doctoral Academic Studies		
16.	DM322	Numer	ric Methods	in Power Machines and F	Plants	( M00) Me	chanical Engineering, Doctoral Academic Studies	

SITAS STUD			UNIVERSITY OF NOVI SAD								
A	NOUL OF REAL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6						
23	and the second	Study Program	me Accredita	ation - Ph[	D Studies	Cond Party					
103	LANTEN	DOCTORAL ACADEMIC STUDIE	S	Graphic	Engineering and Design	A HOB					
List o	of courses b	eing held by the teacher in the accred	lited study programme	s							
	ID	Course name		Study program	me name, study type						
				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral							
				Academic Studies							
				Studies	ng Animation, Doctoral Aca	idemic Studies					
				(G00) Civil Engi	neering Doctoral Academi	c Studies					
				(GI0) Geodesv a	and Geomatics. Doctoral A	cademic Studies					
				( GIU) Geodesy and Geomatics, Doctoral Academic Studies ( H00) Mechatronics, Doctoral Academic Studies							
17.	DZ01M	Selected Chapters in Mathematics		(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies							
				(M00) Mechanic	al Engineering, Doctoral A	cademic Studies					
				(M40) Technica	I Mechanics, Doctoral Acad	demic Studies					
				( OM1) Mathema Studies	atics in Engineering, Doctor	al Academic					
				( S00) Traffic En	gineering, Doctoral Acader	nic Studies					
				( Z00) Environmo Studies	ental Engineering, Doctoral	Academic					
				(Z01) Safety at Work, Doctoral Academic Studies							
Rep	presentative	refferences (minimum 5, not more th	an 10)								
1.	Surla K., Mathema	Teofanov Lj., Uzelac Z.: A robust lay tics and Computation, 2009, Vol. 208	er-resolving spline coll , No 1, pp. 76-89, ISSI	ocation method fo N 0096-3003	or a convection-diffusion pr	oblem, Applied					
2.	Surla K., problem,	Uzelac Z., Teofanov Lj.: The discrete Math. Comput. Simul, 2009, Vol. 79,	e minimum principle for No 8, pp. 2490-2505, I	r quadratic spline SSN 0378-4754	discretization of a singularl	y perturbed					
3.	Surla, K., IMA J. Ni	Uzelac, Z., Some uniformly converge umer. Anal.10(1990) 209-222	ent spline difference so	hemes for singula	arly perturbed boundary val	lue problems,					
4.	Sekulić, D temperatu	D., Edeskuty, F.J.,Uzelac, Z., Heat Tra ures, Int.J. Heat Mass Transfer, Vol. 4	ansfer Through a High 0,No 16, 1997, 3917-3	Temperature Sup 3926,	perconducting Current Lead	d at Criogenic					
5.	Uzelac, Z Applicatio	., Surla, K., Discretization of the Sem ns, Vol.30, No.8, (1997), 4741-4747	ilinear Singularly Pertu	Irbed Problem, No	onlinear Analysis: Theory, I	Methods and					
6.	Sekulic, D 32(1992)	D., Uzelac, Z., Edeskuty, F., J., Entrop 1154-1161	by generation in a high	temperaturesupe	erconducting current lead, C	Cryogenics, Vol					
7.	Cvetićanii (1999), 82	n, L., Uzelac, Z., Longitudinal Vibratic 27-849	on of Rod with Non-Lin	ear Constitutive E	Equation, Journal of Vibratio	on and Control,5,					
8.	Teofanov Journal of	, Lj., Uzelac, Z., Family of Quadratic S f Computer Mathematics, Vol. 84, No	Spline Difference Sche . 1, 2007, 33-50	emes for a Conveo	ction-Diffusion Problem, Int	ernational					
9.	Z. Uzelac Leadedrs	, L. Nešić, D. Hristić, A Contribution the hip, Proceedings of IC-Congress, Ha	o Research the Caract arlem, The Netherland	teristics of Womer s, 3-4. May 2007	n Managers and a New Sty	le of					
10.	Dj. Ćelić, 09. septer	Z. Uzelac, Vrednosne mreže, Zbornil mbar, 2005, 921-931	ki radova XIII Medjuna	rodna konferncija	industrijski sistemi-IS05, H	erceg Novi, 07-					
Sur	mmary data	for teacher's scientific or art and prof	essional activity:								
Quot	tation total :		52								
Tota	l of SCI(SSC	CI) list papers :	26								
Curre	ent projects	:	1	International :	0						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Vidaković P. I	Vilan		
Acad	lemic title:				Associate Pro	ofessor		
Nam	e of the inst	itution v	where the te	acher works full time and	Faculty of Teo	chnical Scie	nces - Novi Sad	
Starti	ng date:	iold			20.01.1998	utor Colona	a and Information	
Acad		ieia.	Voor	Institution	Applied Comp	Juler Scienc	Field	
Acad	lemic title of	oction:	2000	Eaculty of Tochnical Sci	oncos Novi S	od	Applied Computer Science and Informatics	
Academic the election. 2009 Faculty of Technical Science			ences - Novi S	uk ad	Applied Computer Science and Informatics			
Magi	ster thesis		1998	Faculty of Technical Scie	ences - Novi S	ad	Applied Computer Science and Informatics	
Bach	elor's thesis	<u> </u>	1995	Faculty of Technical Scie	ences - Novi Sa	ad	Applied Computer Science and Informatics	
List	of courses b	eina he	d by the tea	acher in the accredited stu	udv programme	s		
	ID	Course	e name		<u> </u>	Study pro	gramme name, study type	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	E239A	Web P	rogrammin	a		( ES0) Pow Academic	ver Software Engineering, Undergraduate Studies	
			0	-		( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
						(E10) Powe	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
2.	E2K41	Distributed Artificial Intelligence and Intelligent Ager			ent Agents	( MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
						( SE0) Soff Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						( SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
3	E501	WEBI	Design			(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
0.			200.g.1			(F10) Engineering Animation, Undergraduate Academic Studies		
4.	Gl211	Geoinf	ormatics			( GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
5.	GI111	Inform	ation techno	ologies in geodesy		( GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
6	SE0006	Ohiect	oriented pr	ogramming 1		( SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
0.	320000	Object	onented pr			( SEL) Soft Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						( P00) Prod Studies	duction Engineering, Undergraduate Academic	
7.	SE239A	Web p	rogramming	3		(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
8	F2501	Flectro	onic Payme	nt Systems		(E20) Con Academic	nputing and Control Engineering, Master Studies	
J.						( SE0) Soff Master Aca	tware Engineering and Information Technologies, ademic Studies	
9	FP007	Docum	ent and co	ntent management		( I20) Engii Studies	neering Management, Specialised Professional	
0.	_,,	Looun				(IB0) Engi Profession	neering Management - MBA, Specialised al Studies	
10.	AD0008	Web d	esign in Arc	chitecture		( AD0) Dig Architectur	ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies	
11.	DRNI03	Select	ed Topics ir	n Internet-Based Systems		(E20) Con Academic	nputing and Control Engineering, Doctoral Studies	

### HAS STUDIORUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

List of courses being held by the teacher in the accredited study programme

	ID	Course name		Study program	me name, study type				
12.	DRNI05	Selected Topics in Software Standar	dization and Quality	(E20) Computing and Control Engineering, Doctoral Academic Studies					
				(F20) Engineerii	ng Animation, Doctoral Acad	emic Studies			
13.	FDS152	Selected Topics in Computer Graph	s (F00) Graphic Engineering and Design, Doctoral Ac Studies						
14		Colocted Tenics in Computing		(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral			
14.	DA0014	Selected Topics in Computing		( OM1) Mathematics in Engineering, Doctoral Academic Studies					
15		Colocted Tenics in Electronic Dusing		( E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral			
15.	DRINITO	Selected Topics in Electronic Busine	:55	( OM1) Mathema Studies	atics in Engineering, Doctora	l Academic			
16.	DRNI18	Selected Topics in Distributed/Mobil	e computing	( E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral			
		·		(F20) Engineeri	ng Animation, Doctoral Acad	emic Studies			
Rep	Representative refferences (minimum 5, not more than 10)								
1.	1. Vidaković, M., Milosavljević, B., "Internationalisation of the BISIS Library Information System", Proceedings of the 28th International Unicode Conference, Orlando, USA, September 7-9, 2005.								
2.	<ul> <li>Vidaković, M., Sladić, G., Zarić, M., "Metadata Harvesting Using Agent Technology", Proceedings of the 8th IASTED International Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 9-11, 2004., pp. 489-493</li> </ul>								
3.	3. Vidaković M., Sladić G., Komazec S., "Sistemi za upravljanje elektronskim sadržajima i njihova promena u eUpravi", Info M: časopis za informacione tehnologije i multimedijalne sisteme, 2006., pp. 36-41, ISSN 1451-4397								
4.	<ul> <li>Vidaković, M., Zubić, T., Milosavljević, B., Pupovac, B., Tošić, T., "Processing Bibliographic Documents in the Library Inforation</li> <li>System BISIS", Proceedings of the International Conference on Distributed LibraryInformation Systems, Ohrid, Former Yugoslav Republic of Macedonia, June 1-6, 2004., pp. 65-91.</li> </ul>								
5.	<ul> <li>Vidaković, M., Sladić, G., Konjović, Z., "Security Management In J2EE Based Intelligent Agent Framework", Proceedings of the</li> <li>7th IASTED International Conference on Software Engineering and Applications (SEA 2003), Marina Del Rey, USA, November 3-</li> <li>2003, pp. 128-133</li> </ul>								
6.	Milosavlje EJB-base	ević B., Vidaković M., Komazec S. and d Data Models", In Software Enginee	Milosavljević G., "Us ring Research and Pra	er Interface Code actice, Las Vegas	Generation for Data-Intensiv, NV, USA, 2003.	ve Systems with			
7.	Vidaković on Softwa	, M., Konjović, Z., "EJB Based Intellig are Engineering and Applications (SE	ent Agents Framewor A 2002), Cambridge, L	k", Proceedings o JSA, November 4	f the 6th IASTED Internation -6, 2002., pp. 343-348.	al Conference			
8.	Vidaković	M., "Agentska okruženja", Zadužbir	na Andrejević. Beograd	d, 2007, ISBN: 9-7	788672-446210				
9.	Milosavlie	ević B., Vidaković M., Java i Internet p	rogramiranie. FTN izd	avaštvo. 2007 IS	SBN 978-86-7892-047-9				
10.	<ul> <li>Okanović D., Vidaković M., "Upotreba JMX mlet servisa za ažuriranje verzija aplikacija", Zbornik radova Yulnfo 2007 (CD), Kopaonik 2007</li> </ul>								
Sur	nmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :		119						
Total	of SCI(SSC	CI) list papers :	7						
Curre	ent projects	:	1	International :	0				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Vilotić Ž. Dragiša				
Academic title:					Full Professor				
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad				
starting date:					01.01.1975				
Scientific or art field:					Plastic Deform	nation Tech	nology, Rapid Prototyping, Virtual		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	1998	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
PhD	thesis		1986	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
Magi	ster thesis		1981	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
Bach	elor's thesis	6	1974	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	P207	Metal f	forming			(P00)Proo Studies	duction Engineering, Undergraduate Academic		
2.	P2401	Advan	ced Method	ls in Metal Forming		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
3.	P2413	Compu Formir	uter Aided E	Design of Tools and Dies f	or Metal	(P00)Proo Studies	P00) Production Engineering, Undergraduate Academic tudies		
4.	P303	Machir	nes for Proc	essing by Deforming		(P00) Production Engineering, Undergraduate Academic Studies			
5.	P3403	Techno materia	ology of Pla al	stic Forming - Shaping of	plastic	(P00)Proo Studies	duction Engineering, Undergraduate Academic		
6.	P3503	Machir	nes and De	vices for Plastic Processin	ıg	(P00)Proo Studies	duction Engineering, Undergraduate Academic		
7	-			( M20) Mechanization and Construction Engineering, Undergraduate Academic Studies					
7.	7. M2062 Mechanical engineering technologies 2			eening technologies 2		( M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies		
8.	M3203	Technology of machinery				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
9.	P3402	Physic	al and Pha	se States of Polymers		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
10.	ZR408A	Safety	at work on	the machines for process	ing	(Z01) Safe	ety at Work, Undergraduate Academic Studies		
11.	P2407	Rapid	Prototyping	and Rapid Tooling		(PM0)Pro	duction Engineering, Master Academic Studies		
12.	P3501	Tool D	esigning fo	r Plastic		(PM0)Pro	duction Engineering, Master Academic Studies		
13.	P3503A	Contemporary Process Systems for Plastic			Treatment	(PM0) Pro	duction Engineering, Master Academic Studies		
14.	BMIM4B	Technologies of shaping biomedical materia			als	(BM0) Biomedical Engineering, Master Academic Studies			
15.	PMISP1	Modelling and Simulation of Metal Forming			Processes	(PM0) Pro	duction Engineering, Master Academic Studies		
16.	PTS01	Techn	ology of sin	tering		(PM0) Pro	duction Engineering, Master Academic Studies		
17.	DP001	Design and Research Methods in Productic Engineering			'n	( M00) Med	chanical Engineering, Doctoral Academic Studies		
18.	DP005	State a Quality	and Tenden and Equip	cies in Development of M ment	etrology,	( M00) Med	chanical Engineering, Doctoral Academic Studies		
19.	DP008	Conter	mporary Me	thods and TPD Systems		( M00) Med	chanical Engineering, Doctoral Academic Studies		
20.	DP012	Physic	al Modelling	g and TPD Simulation by	Computers	( M00) Med	chanical Engineering, Doctoral Academic Studies		
21.	DP015	Nonco	nventional l	Procedures of Forming in	TPD	( M00) Med	chanical Engineering, Doctoral Academic Studies		

HAS STUDIORUM		UNIVERSITY OF NOVI SAD							
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
		Study Programme Accreditation - PhD Studies							
4	ANTER	DOCTORAL ACADEMIC STUDIE	ADEMIC STUDIES Graphic Engineering and Design						
List o	of courses b	eing held by the teacher in the accred	lited study programme	es I					
	ID	Course name		Study program	me name, study type				
22.	SID04	Current State in the Field		<ul> <li>(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies</li> <li>(E20) Computing and Control Engineering, Doctoral Academic Studies</li> <li>(F00) Graphic Engineering and Design, Doctoral Academic Studies</li> <li>(F20) Engineering Animation, Doctoral Academic Studies</li> <li>(G00) Civil Engineering, Doctoral Academic Studies</li> <li>(G10) Geodesy and Geomatics, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> <li>(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies</li> <li>(M00) Mechanical Engineering, Doctoral Academic Studies</li> <li>(OM1) Mathematics in Engineering, Doctoral Academic Studies</li> <li>(S00) Traffic Engineering, Doctoral Academic Studies</li> <li>(Z00) Environmental Engineering, Doctoral Academic Studies</li> </ul>					
23		Modern methods for polymers inves	tigation	Studies	cal Engineering, Doctoral				
20.		Theoretical basis for forming polyme	ar technology	(M00) Mechani	cal Engineering, Doctoral	Academic Studies			
25.	SID04	Present State in the Field		<ul> <li>(A00) Architecture, Doctoral Academic Studies</li> <li>(AS0) Scenic Design, Doctoral Academic Studies</li> <li>(Z01) Safety at Work, Doctoral Academic Studies</li> </ul>					
Rep	presentative	e refferences (minimum 5, not more th	an 10)						
1.	Essa K., Technolo	Kačmarčik I., Hartley P., Plančak M., gy, 2012, Vol. 212, No 4, pp. 817-824	Vilotić D.: Upsetting c	f bi-metallic ring I	billets, Journal of Materials	Processing			
2.	Alexandr	ov S., Vilotić D., Konjovoć Z., Vilotić N ental Mechanics, 2012, Vol. 52, No 11	1.: An Improved Expe 340, ISSN 0014-4851	rimental Method	for Detrmining the Workab	ility Diagram,			
3.	Alexandr 2009, Vo	ov S., Vilotić D.: A study on an effect I. 76, No 14, pp. 2309-2315, ISSN 00	of geometric singulari 13-7944	ties on ductile fra	cture , Engineering Fractu	ure Mechanics,			
4.	Vilotić D. Experime	, Plančak M., Čupković Đ., Aleksandro ental Mechanics, 2006, Vol. 46, pp. 11	ov S., Aleksandrov N.: 5-120, ISSN 0014-48	Free Surface Fr 51	acture in Three Upsetting	Tests ,			
5.	Plančak I Steel Res	M., Hartley P., Esssa K., Vilotić D., Mo search International, 2012, pp. 1247-1	ovrin D., Lužanin O.: [ 250, ISSN 1611-3683	Deformation analy	vsis during bi-metallic coin	ing operations,			
6.	Vilotić D. Flat Dies	, Alexandrov S., Plančak M., Vilotić M , Steel Research International, 2012,	., Ivanišević A., Kačm pp. 1175-1178, ISSN	arčik I.: Material 1611-3683	Formability at Upsetting by	y Cylindrical and			
7.	Vilotić D. Steel Res	, Alexandrov S., Plančak M., Movrin D search International, 2011, pp. 923-92	0., Ivanišević A., Vilotić 28, ISSN 1611-3683	M.: Material Fo	rmability of Upsetting by V	-Shape Dies ,			
8.	Lyamina Research	E., Alexandrov S., Vilotić D., Movrin E International, 2010, Vol. 9, No 81, pp	<ul> <li>D.: Effect of Shape of 0. 306-3090, ISSN 161</li> </ul>	Samples on Duct	ile Fracture Initiation in Up	osetting, Steel			
9.	D. Vilotić Fakultetu slajdova,	, D. Milikić, M. Plančak, M. Milutinović tehničkih nauka u Novom Sadu, 4. ko Vršac, 13-16. juni 2006.	: Obrazovanje inženje ongres inženjera plast	ra proizvodnog m ičara i gumara K	našinstva iz oblasti oblikov – IPG 2006., zbornik na C	anja plastike na Du, ppt 100			
10.	Obradovi MMA 200	ć R., Vilotić D.: Prikaz tehnologije i op )6, strana 27-28, FTN, Novi Sad, juni	reme za za ultrazvučr 2006.	no zavarivanje ter	moplastičnih komponenat	a, Zbornik radova			
Sur	mmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :	CI) list naners :	17						
Curre	ent projects	·	Domestic :	1	International :	1			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Vučinić-Vasić T. Milica			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad			
starti	ng date:				15.04.2000			
Scientific or art field:					Physics			
Acad	lemic caries	er	Year	Institution	Field			
Acad	lemic title e	lection:	2007	Faculty of Technical Sci	ences - Novi S	ad	Physics	
PhD	thesis		2007	Faculty of Sciences - No	ovi Sad		Physics	
Magi	ster thesis		2000	Faculty of Sciences - No	ovi Sad		Physics	
Bach	elor's thesis	S	1996	Faculty of Sciences - No	ovi Sad		Physics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	F102	Physic	S			(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
2.	GG06	Civil E	ngineering	Physics		( G00) Civi	il Engineering, Undergraduate Academic Studies	
2	S014	Physic	20			( S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
5.	5014	TTYSIC	5			(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
		Selected Chapters in Physics				(E11) Pow Engineerin	ver, Electronic and Telecommunication Ig, Specialised Academic Studies	
					( I12) Indus		strial Engineering, Specialised Academic Studies	
4.	DZ01FS					( I22) Engineering Management, Specialised Acade Studies		
						( Z00) Environmental Engineering, Specialised Academic Studies		
		IF Selected Chapters in Physics				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
						(E20) Computing and Control Engineering, Doctora Academic Studies		
					<ul> <li>(F00) Graphic Engineering and Design, Doct Studies</li> <li>(G00) Civil Engineering, Doctoral Academic S</li> <li>(G10) Geodesy and Geomatics, Doctoral Academic Studies</li> <li>(H00) Mechatronics, Doctoral Academic Studies</li> </ul>		Fraphic Engineering and Design, Doctoral Academic	
							Vivil Engineering, Doctoral Academic Studies	
							desy and Geomatics, Doctoral Academic Studies	
							hatronics, Doctoral Academic Studies	
5.	DZ01F						strial Engineering / Engineering Management, cademic Studies	
						(M00) Mechanical Engineering, Doctoral Academic Stu		
					(M40) Technical Mechanics, Doctoral Academic		chnical Mechanics, Doctoral Academic Studies	
						(OM1) Mathematics in Engineering, Doctoral Studies		
						( S00) Traf	ffic Engineering, Doctoral Academic Studies	
						( Z00) Env	ironmental Engineering, Doctoral Academic	
						Studies		
( 201) Safety at Work, Doctoral Academic Studies								
Rep	bresentative		ices (minin					
1.	Milica Vu	cinić-Va	sić, Divko (	Jirić, Tatjana Skrbić, Mirol	Jub Đurić, Zbirl	ka zadataka	IZ TIZIKE, FIN IZdavaštvo, Novi Sad 2005.	
2.	Ljuba Budinski-Petković, Milica Vučinić, Dušan Ilić, Praktikum eksperimentalnih vežbi iz fizike – odsek za računarstvo i automatiku, S PRINT, Novi Sad, 2003							
3.	Ljuba Budinski-Petković, Milica Vučinić-Vasić, Dušan Ilić, Praktikum eksperimentalnih vežbi iz fizike – odsek za mašinstvo – odsek za grafičko inženjerstvo – odsek za mehatroniku, Delta press, Novi Sad, 2003.							
4.	4. Vučinić-Vasić M.: Exchange-Bias and Grain-Surface Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Journal of Physical Chemistry C, 2012, Vol. 116, pp. 4356-4364, ISSN 1932-7447							

SITAS STUD		UNIVERSITY OF NOVI SAD							
AN A	ORL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	ICES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
A CALLER CALL			HORE CAR						
Reg	presentative r	ferences (minimum 5, not more than 10)							
5.	Vučinić-Vas term snow Vol. 6, No 8	sić M., Mihailović A., Kozmidis-Lubu cover near urban crossroads: Corre 36, pp. 585-592	irić U., Nemeš T., Nink Iation analysis of meta	ov J., Zeremski T al content and fine	., Antić B.: Metal contamina particles didtribution, Cher	ation of short- mosphere, 2012,			
6.	<ul> <li>Kremenović A., Jančar B., Ristić M., Vučinić-Vasić M., Rogan J., Pacevski A., Antić B.: Exchange-Bias and Grain-Surface</li> <li>Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Journal of Physical Chemistry C, 2012, Vol. 116, 4356-4364, ISSN 1932-7447</li> </ul>								
7.	<ul> <li>Antić B., Kremenović A., Vučinić-Vasić M., Dohcević-Mitrović Z., Nikoloć A., Gruden-Pavlović M., Jančar B., Meden A.:</li> <li>Composition related properties of (Yb,Y)(2)O-3 nanoparticles synthesized by controlled thermal degradation of AA complexes Materials chemistry and physics, 2010, Vol. 122, No 2-3, pp. 386-391, ISSN 0254-0584</li> </ul>								
8.	<ul> <li>Antić B., Rogan J., Kremenović A., Nikoloć A., Vučinić-Vasić M., Božanić D., Goya G., Colomban P.: Optimization of</li> <li>photoluminescence of Y2O3:Eu and Gd2O3:Eu phosphors synthesized by thermolysis of 2,4-pentanedione complexes, NANOTECHNOLOGY, 2010, Vol. 21, No 24, pp. 2457-2457, ISSN 0957-4484</li> </ul>								
9.	Jović N., Vučinić-Vasić M., Kremenović A., Anić B., Jovalekić Č., Vulić P., Kahlenberg V., Kaindl R.: HEBM synthesis of nanocrystalline LiZn0.5Ti1.5O4 spinel and thermally induced order-disorder phase transition (P4332-Fd3m), Materials chen and physics, 2009, No 2-3, pp. 542-549, ISSN 0254-0584								
10.	Vučinić-Vas acetylaceto 2006, Vol. 8	sić M., Antić B., Blanuša J., Rakić S nato complexes and their crystal st 32, No 1, pp. 49-54, ISSN 0947-839	., Kremenović A., Nikolić A., Kapor A.: Formation of nanosize Li-ferrites from ructure, microstructure and order-disorder phase transition , Applied Physics A, 6						
Sur	nmary data fo	or teacher's scientific or art and profe	essional activity:						
Quotation total :			53						
Tota	of SCI(SSCI)	) list papers :	17 Demostia		Laterna etterna tu				
Curre	ent projects :		Domestic :	2	International :	1			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Zdravković T. Sunčica						
Academic title:					Assistant Professor						
Name of the institution where the teacher works full time and					Faculty of Philosophy - Novi Sad						
starti	starting date:					01.01.2004					
Scier	ntific or art f	ield:				Psychological Science					
Academic carieer Year Institution							Field	t			
Academic title election: 2009							Psy	chological Science			
PhD	thesis		2002	Rutgers Universit	ty - Nev	wark, New Jers	ey	Psy	chological Science		
Magi	ster thesis		2000	Rutgers Universit	ty - Nev	wark, New Jers	ey	Psy	chological Science		
Bach	elor's thesis	3	1994	Faculty of Philoso	ophy - I	Beograd		Psychological Science			
List o	of courses b	eing he	ld by the tea	acher in the accred	lited stu	udy programme	S				
		_									
	ID	Course	e name				Study pro	gram	me name, study type		
1.	EI303	3 Cognitive Processes for Engineers				(E10) Powe	er, Ele g, Un	ectronic and Telecommunica dergraduate Academic Stud	ition ies		
2.	. FDS222 Lightness and Colour Perception						( F00) Grap Studies	ohic E	hic Engineering and Design, Doctoral Academic		
Rep	oresentative	reffere	nces (minim	num 5, not more th	an 10)						
1.	1. Zdravković, S., Milin, P (2006). "The underlaying distribution of lightness matches". Fechner's days Proceedings.										
2.	2. Zdravković, S., Economou, E and Gilchrist, A (2006). Lightness of an object under two illumination levels. Perception. Vol. 35 (1185-1201).							on. Vol. 35			
3.	Stojanovi	ć R., Z	dravković S	. (2007) Mentalna	eksplor	acija distanci n	a mapama i	u rea	Inom prostoru. Psihologija, 4	40, 1, (93-111)	
4.	Stevanov	, Z., Zd	ravković. S.	(2007) Prepoznav	anje id	entiteta na osno	ovu pojedini	h delo	ova lica. Psihologija, 40, 1, (	37-57)	
5.	S. Zdravk	ović: "C	Dpažanje du	ibine u pokretnim d	lvodime	enzionalnim stir	nulusima" (2	2003)	. Psihologija, vol. 36 (3)		
6.	S. Zdravk	ović: A	nalysis of de	epth percepts induc	ced by	mobile two-dim	ensional stir	muli (	2002). Psihologija, Vol. 35 (t	or. 3-4)	
7.	S. Zdravk Perceptic	ović: "Ir n (Supp	nfluence of olement Vol	edge sharpness de . 33; 113b)	epends	on the number	of illuminati	on le	vels",ECVP, Budimpešta, Ma	adjarska, 2004;	
8.	S. Zdravk 2003;	ović, A	. Gilkristom	:"Computation of il	lumina	tion level in hur	nan vision",	Psyc	honomics Society, Vancouve	er, Canada,	
9.	S. Zdravk Italija, 20	ović: "E 03;	ffects of illu	imination edge pos	ition ar	nd sharpness o	n lightness",	,Symp	oosium on Perception and C	ognition, Trst,	
10.	S. Zdravi 32; 150a	ović: "S	potlight size	e determines lightn	iess; pi	ublikovano u Pe	erception", E	CVP,	Pariz, Francuska, 2003, Su	pplement Vol.	
Sur	Summary data for teacher's scientific or art and professional activity:										
Quot	ation total :				4						
Tota	of SCI(SS	CI) list p	apers :		7						
Current projects : Dome						estic :	1		International :	1	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation - PhD Studies

DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Standard 10. Organizational and Material Resources

To perform the study programme, the adequate human, spatial, technical and technological, library and other resources suitable to the study programme features and predicted students` number are provided. Classes on the study programme Graphic Engineering and Design are held in 2 shifts, so the minimum of 2 m2 of space is provided per student.

To perform the study programme, the adequate space for lecturing is provided, as well as the adequate laboratory space necessary for the experimental work and the equipment based on contemporary information and communication technologies. Lectures are held in amphitheatres, classrooms and specialized laboratories.

Faculty provides the usage of the library fund from its own or other sources (books, monographs, scientific magazines, other periodicals) in the amount necessary for the Doctoral study programme. Doctoral study students have the access to databases necessary for Doctoral dissertation elaboration and scientific and research work.

The library possesses more than 100 library units relevant for the performance of the study programme. All courses from the study programme have adequate textbooks, devices and supplementary equipment available on time and in a satisfactory number for the normal teaching process. There is also adequate information support.

Faculty has the library and the study room and provides a seat for each student in amphitheatres, classrooms and laboratories.

Faculty has a short-term and a long-term plan and the budget for the realization of scientific and research work.

Means for the realization of Doctoral studies, besides the ones provided by the resource ministries, are also provided in cooperation with other higher education institutions, accredited scientific institutions and international organizations.

Faculty provides students to utilize equipment or have access to necessary and adequate equipment in the possession of the Faculty, for scientific and research work.

Faculty provides students to utilize equipment or have access to the equipment necessary for scientific and research work on the basis of contracts on cooperation with other appropriate institutions.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES

Graphic Engineering and Design

Standard 11. Quality Control

Estimation of the study programme quality is elaborated regularly and systematically via self-evaluation and external quality control. One should place an emphasis on the multi-decade practice of students` surveys.

Study programme quality control is elaborated in the following manners:

- Surveying students at final lecture from the given course.

- Surveying students on the quality of the study programme and logistic support to the studies in the event

of awarding the Diploma. Also, the studying comfort (classroom cleanness and tidiness) is evaluated there. - Surveying students during the confirmation on completing a year of studies. Then students evaluate the logistic support to the studies.

- Surveying students on enrolling each year of studies. Then students evaluate the study programme at the year they completed in the prior academic year.

- Surveying the teaching and non-teaching staff on the quality of the study programme and the logistic support to the studies. This survey evaluates the work of the Dean's office, Registrar's office, library, and other services at the Faculty. Furthermore, the studying comfort (classroom cleanness and tidiness) is also evaluated.

To monitor the quality of the study programme, there is also a committee with all heads of all Departments participating in the realization of the study programme, together with a student from each study group. Additional quality is obtained by the obligatory scientific production of candidates. Prior to beginning the defence of the Doctoral dissertation, each candidate is obliged to publish at least 2 (two) papers in the R54 rank (following the categorization provided by the Ministry of Science) and at least one paper in the magazine from the SCI list.