

ПОДАЦИ О МЕНТОРУ

Кандидат: **Драган Секулић, дипл.инж.**Име и презиме ментора: **Проф. др Срђан Л. Русов, дипл.инж.**Звање: **Редовни професор Саобраћајног факултета у Београду**

Проф. др Срђан Л. Русов, дипл.инж., има укупно 5 објављених радова у научним часописима са **SCI (SCIENCE CITATION INDEX)** листе, који га квалификују за ментора за вођење докторске дисертације:

1.	Аутори		Rusov, S., Čović, V.	
	Наслов рада		A method for the determination of the Christoffel symbols of the first kind in a dynamics of active mechanisms	
	Инфо		ZAMM Band 68, (1988), pp. 124-128	
	Подаци о часопису	ISSN	0044-2267	
		Наслов	Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik	
Импакт фактор		(IF 1988= 0.188), категорија часописа: M23, Mechanics (35/43)		
2.	Аутори		Djukić, M., Rusov, S., Mitrović, Z.	
	Наслов рада		A fuzzy model for an increase in locomotive traction force	
	Инфо		Transport, (2010), Vol. 25, No.1, pp. 36-45 DOI: 10.3846/transport.2010.06	
	Подаци о часопису	ISSN	1648-4142	
		Наслов	Transport	
Импакт фактор		IF 2009=2.552, категорија часописа: M21, Transportation Science & Technology (1/26)		
3.	Аутори		Šalinić,S., Obradović,A., Mitrovic, Z., Rusov,S.	
	Наслов рада		Brachistochrone with limited reaction of constraint in an arbitrary force field	
	Инфо		Nonlinear Dynamics, (2011), DOI: 10.1007/s11071-011-0258-1	
	Подаци о часопису	ISSN	0924-090X	
		Наслов	Nonlinear Dynamics	
Импакт фактор		IF 2010=1.776, категорија часописа: M21, Mechanics (30/133)		

4.	Аутори		Sekulić,D., Dedović,V., Rusov,S.	
	Наслов рада		Effect of shock vibrations due to speed control humps to the health of city bus drivers	
	Инфо		Scientific Research and Essays, (2012) , Vol. 7, No.5, pp. 573-585 DOI: 10.5897/SRE11.1724	
	Подаци о часопису	ISSN	1992-2248	
		Наслов	Scientific Research and Essays	
Импакт фактор		IF 2010=0.445 , категорија часописа: M23 , <u>Multidisciplinary Sciences</u> (33/59)		

5.	Аутори		Djukić,M., Rusov, S. , Mitrović Z., Obradović A., Salinić, S.	
	Наслов рада		Fuzzy model for braking force maximization	
	Инфо		Journal of Theoretical and Applied Mechanics, (2012) , Vol. 50, No.4 http://www.ptmts.org.pl/in_press.html (рад ће бити објављен у часопису JTAM Vol.50, No.4, (2012))	
	Подаци о часопису	ISSN	1429-2955	
		Наслов	Journal of Theoretical and Applied Mechanics	
Импакт фактор		IF 2010=0.264 , категорија часописа: M23 , <u>Mechanics</u> (122/133)		

ДЕКАН САОБРАЋАЈНОГ ФАКУЛТЕТА

Проф. др Слободан Гвозденовић, дипл.инж.



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Ambrósio J., Pombo J., Pereira M., Antunes P., Mósca A. - A computational procedure for the dynamic analysis of the catenary-pantograph interaction in high-speed trains

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Irschik H. - The Cayley variational principle for continuous-impact problems: a continuum mechanics based version in the presence of a singular surface

Kapitaniak T., Czołczyński K., Perlikowski P., Stefański O. - Energy balance of two synchronized self-excited pendulums with different masses

Katsikadelis J.T. - Nonlinear dynamic analysis of viscoelastic membranes described with fractional differential models

Kienzler R., Schneider P. - Consistent theories of isotropic and anisotropic plates

Mang H.A., Jia X., Hofinger G. - Finite element analysis of buckling of structures at special prebuckling states

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Muschik W. - Objectivity and frame indifference of acceleration - sensitive materials

Niesłony A., Böhm M. - Application of spectral method in fatigue life assessment - determination of crack initiation

Noda N., Ootao Y., Tanigawa Y. - Transient thermoelastic analysis for a functionally graded circular disk with piecewise power law

Pamin J., Wosatko A. - Static gradient damage simulations using stabilized finite elements

Tobushi H., Mitsui K., Takeda K., Kitamura K., Yoshimi Y. - Performance and design of precision-cast shape memory alloy brain spatula

Tzou H.S., Li H., Chen Z.B., Hu S.D. - Optimal vibration control of conical shells with collocated helical sensor/actuator

Watanabe E. - Safety of bridges and breakwaters estimated through general principles for limit state design by Japan society of civil engineers

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Cedrowska A., Marynowski K. - Dynamic behavior of an axially moving wide web

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Kowalski M. - Phase mapping in diagnosing of turbojet engine

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Papers accepted for publication in JTAM

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Jiang X., Zhang Y., Yuan S. - Constitutive model for time-dependent ratchetting of SS304 stainless steel: simulation and its finite element analysis

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Kotrechko S. - The key problems of local approach to cleavage fracture

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