

APPENDIX

List of researchers in the project team of Project ON174001

Junior researchers – doctorates starting the Project cycle and later included in the Project Team (scientific area - Mechanics and Control)

dr Ljiljana Veljović (2011), dr Julijana Simonović (2012), dr Srdjan Jović (2011), dr Andjelka Hedrih (2016), dr Danilo Karličić (2016), dr Ljubinko Kevac (2017), dr Radoslav Radulović (2017), dr Milan Cajić (2017), dr Marija Mikić (2018), dr Goran Simeunović (2011), dr Nebojša Dimitrijević (2012) and PhD students: Stamenković-Atanasov Marija, Neš Nikola, Paunović Stepa, Jovanović Djordje, Milenković Branislav, Arandjelović Nevena, Stevanović Miloš, Saša Kalinić, Vladimir Veljović, Aleksandar Atanasov

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Initial Researchers with university and scientific titles (in order of contracts)

*** With university titles** (scientific area - Mechanics and Control)

Prof. dr Katica (Stevanović) Hedrih, Project Leader; Prof. dr Dragutin Debeljković; Prof. dr Dragomir Zeković; Prof. dr Djordje Mišicki; Prof. dr Tomislav Petrović; Prof. dr Zlatibor Vasić; Prof. dr Vera Nikolić-Stanojević; Prof. dr Julka Knežević-Mijanović; Prof. dr Stevan Maksimović; Prof. dr Sreten Stojanović; Prof. dr Jelena Veljković-Djoković; Prof. dr Marinko Ugričić; Prof. dr Nataša Trišović; Prof. dr Miloš Jovanović; Prof. dr Dušan Mikičić; Prof. dr Milutin Marjanov; Prof. dr Ilija Nikolić; Prof. dr Ivica Čamgić; Prof. dr Marina Trajlović-Milenković.

*** With scientific titles**

dr Katarina Maksimović (research area Mechanical Engineering), dr Slobodanka Boljanović (scientific research area Mechanics), dr Ivana Atanasovska (research area Mechanical Engineering),

*** Invited important scientists in area of Nonlinear dynamics from abroad**

Prof. dr Giuseppe Rega; Prof. dr J.A. Tenreiro Machado; Prof. dr Jan Awreicwicz; Prof. dr Joze Manoul Balthezar; Prof. dr Subhash Sinha; Prof. dr Jerzy Warminski; Prof. dr Dumitru Baleanu; Prof. dr Tamara Nestorović-Trajkov; Prof. dr Hiroshi Yabuno; Prof. dr Ali Hasan Nayfeh; Prof. dr Matthew Cartmel; Prof. dr Yuri Mikhlim;

*** Invited important scientists in area of Nonlinear dynamics from Serbia and abroad who participated in the international activity of the Project**

Prof. dr Gradimir Milovanović; Prof. dr Miloš Kojić; Prof. dr Vladan Djordjević; Prof. dr Felic Chernosuco; Prof. dr Alexander Nakonechniy; Prof. dr Pavel Krasilnikov; Prof. dr Hiroshi Yabuno; Prof. dr J.A. Tenreiro Machado; Prof. dr Jan Awreicwicz; Prof. dr Joze Manoul Balthezar; Prof. dr Subhash Sinha; Prof. dr Tamara Nestorović-Trajkov; Prof. dr Hiroshi Yabuno; Prof. dr Foris Georgiade; Prof. dr Lidia Kurpa; Prof. dr Alexander Prokopeny; Prof. dr Tay Sarbary Guha; Prof. dr Walter Lacarbonara; Prof. dr Zdravko Terze; Prof. dr Andrea Arena; Prof. dr U.C.De; Prof. dr Livija Cvetičanin; Prof. dr Ljiljana

Kolar Anić; Prof. dr Slobodan Anić; Prof. dr Marina Shitikova; Prof. dr Stefano Lenci; Prof. dr Mirjana Filipović; Prof. dr Dušan Zorica; Prof. dr Djordje Čantrak; Prof. dr Vladimir Geletiy; Prof. dr V. Spitas; Prof. dr Andjelka Kovačević and other.

List of the university and scientific institutions participants and implementers of the Project ON1740011

Mathematical Institute of Serbian Academy of Sciences and Arts
Faculty of Mechanical Engineering, University of Niš
Faculty of Mechanical Engineering, University of Belgrade
Faculty of Engineering Sciences, University of Kragujevac
Faculty of Mathematics, University of Belgrade
Faculty of Technical Sciences in Bor, University of Belgrade
Faculty of Technical Sciences in Kosovska Mitrovica, University of Priština
Faculty of Technology in Leskovac, University of Niš
State University in Novi Pazar
Centre of Innovations at Electrotechnics Faculty, University of Belgrade
Centre of Innovations at Mechanical Engineering Faculty, University of Belgrade
Civil Engineering and Architecture Faculty, University of Niš
Kirilo Savić Institute in Belgrade

List of doctorates defended during the project cycle by researchers of Project ON174001

Veljović Lj., Нелинеарне осцилације гиро-ротора (Non-linear oscillations of Gyro-rotors), [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering in Niš, 2011. Supervisor K. Hedrih (Stevanović), Projects ON144002 and OI174001.

Jović S., Енергијска анализа динамике виброударних система са криволинијским путањама и неидеалним везама (Energy analysis of vibroimpact system dynamics with curvilinear paths and no ideal constraints), [in Serbian], Doctor's Degree Thesis, Faculty of Technical Sciences in Kosovska Mitrovica, University of Priština, 2011. Official Supervisor V. Raičević, Projects ON144002 and OI174001 Project Leader and Research Supervisor K. Hedrih (Stevanović).

Simonović J., Динамика и стабилност хибридних динамичких система (Dynamics and Stability of Dynamics Hybrid Systems), [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering in Niš, 2011. Supervisor K. Hedrih (Stevanović), Projects ON144002 and OI174001.

Hedrih A., Oscilatorno ponašanje Zone pelucida miša pre i posle oplodnje (Oscillatory behavior of the Zone-Pelucida of mouse before and after fertilization), [in Serbian], Doctor's Degree Thesis, co-mentors Mihailo Lazarević and Ana Nutrović-Jovanović, Center for Multidisciplinary Studies, Head academician Dejan Popović, University of Belgrade, 2016.

Karličić D., Примена нелокалне теорије континуума у анализи динамичког понашања и стабилности система спрегнутих нано-структура (Application of the nonlocal continuum theory in the analysis of the dynamic behavior and stability of coupled nano-structure systems), [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering in Niš, 2016. Supervisor: Predrag Kozić, Projects ON147001 and OI174011.

Kevac Lj., Моделовање и управљање кабловски вођеним роботским системима (Modeling and control of cable-guided robotic systems), [in Serbian], Doctor's Degree Thesis, Faculty of Electrotechnical Engineering at the University of Belgrade, 2017, Supervisors: Aleksandar Rodić and Mirjana Filipović, Project ON147001.

Radulović R., Глобални минимум времена кретања механичких система са ограниченим управљањима и реакцијама веза (Global minimum time for the motion of mechanical systems with limited controls and constraint reactions), [in Serbian], Doctor's Degree Thesis, Faculty of mechanical Engineering at University of Belgrade, 2017, Supervisors: Dragomir Zeković and Aleksandar Obradović, Project ON147001.

Čajić M., Моделирање сложених хибридних структура фракционог типа и примена у динамици система крутих и деформабилних тела (Modeling of complex fractional type hybrid structures and applications in dynamics of systems of rigid and deformable bodies), [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering at University of Belgrade, 2017, Supervisor: Mihailo Lazarević, Project ON147001.

Mikić M., Асимптотска својства решења једначина Emden–Fowler-а и њихових уопштења (Asymptotic properties of solutions of Emden-Fowler equations and their generalizations), [in Serbian], Doctor's Degree Thesis, Faculty of Mathematics at University of Belgrade, 2018, Supervisor: Djordje Krtinić, Project ON147001.

Simeunović G., Математичко моделирање, симулација и идентификација плочастих размењивача топлоте (Mathematical modeling, simulation and identification of plate changer of heat transient). [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering at University of Belgrade, 2011, Supervisor: Dragutin Debeljković, Project ON147001.

Dimitrijević M., Динамичка анализа посебних класа система са чистим временским кашњењем (Dynamical analysis special class of the systems with pure time delay), [in Serbian], Doctor's Degree Thesis, Faculty of Mechanical Engineering at University of Belgrade, 2012, Supervisor: Dragutin Debeljković, Project ON147001.

Young doctoral students - researchers engaged in the ON174001 Project in the last period of the project cycle, who passed all exams in doctoral studies during the project cycle until the end of December 2019 and who are in the phase of forming a doctorate: *Marija Stamenković-Atanasov, Nikola Neš, Stepa Paunović, Djordje Jovanović, Branislav Milenković, Nevena Arandjelović, Miloš Stevanović, Saša Kalinić.*