



1st International Conference on Mathematical Modelling in Mechanics and Engineering, Mathematical Institute SANU, 08-10. September 2022, Belgrade, Serbia



<b>Special Session - Optimizing Design for Inspection – ODIN, Friday, September 9<sup>th</sup>, 2022.</b>					
Session Chairs: <b>Nataša Trišović</b> , Full Professor, Faculty of Mechanical Engineering, University of Belgrade					
List of Participants:					
	Authors	Tittles	Start	End	Presenter
1.	<b>Wei Li</b> , Lincong Chen, Junfeng Zhao and Nataša Trisovic	FRACTIONAL ORDER PID CONTROL ON STRUCTURAL RELIABILITY OF STOCHASTIC DYNAMICAL SYSTEMS (online)	15:00	15:15	
2.	<b>Dongmei Huang</b> and Shengxi Zhou	THEORETICAL SOLUTIONS OF THE MULTI-STABLE ENERGY HARVESTERS (online)	15:15	15:30	
3.	<b>Guidong Yang</b> , Zicheng Lin and Xiaocheng Liu	DYNAMIC ANALYSIS OF A THREE DEGREE OF FREEDOM VIBRATION IMPACT SYSTEM WITH RANDOM PARAMETERS (online)	15:30	15:45	
4.	Beatriz Henriques, <b>Pedro Ribeiro</b> and Marcelo F.S.F. de Moura	NON-LINEAR DYNAMICS OF A DAMAGED STIFFENED COMPOSITE LAMINATED PANEL (online)	15:45	16:00	
5.	<b>Renata Troian</b> and Chunmei Liu	BIO-INSPIRED SHAPE OPTIMIZATION FOR STRUCTURAL RESISTANCE (online)	16:00	16:15	
6.	<b>Aasifa Rounak</b> , Rohit Chawla and Vikram Pakrashi	STOCHASTIC DYNAMICS OF A SNAP-THROUGH TRUSS OSCILLATOR (online)	16:15	16:30	
7.	<b>Petar Dimitrov</b>	FLIGHT DYNAMICS MODELLING AND FLIGHT SIMULATION	16:30	16:45	
8.	<b>Maja Čavić</b> , Milan Kostić and Miodrag Zlokolica	DESIGN FOR INSPECTION AND SAFETY – NOVEL CONCEPT OF CABLING MACHINE	16:45	17:00	
9.	<b>Ivana Atanasovska</b> , Nataša Trišović and Milica Milić	MODELLING OPTIMIZATION FOR A COMPOSITE WING COMPONENT	17:00	17:15	