

**Seminar of Theoretical and Applied
Mechanics of
Chair of Mechanics at
Faculty of Mechanical Engineering
University of Nis
(1975–2005)**

and

**Seminar
Nonlinear Dynamics –
Milutin Milančković
Center of Nonlinear Dynamics and Active
Structure
founded 2005**

Seminar

Nonlinear Dynamics –

Milutin Milančković

**Center of Nonlinear Dynamics and Active Structure
founded 2005**

Last lectures:

Radu Miron,:

Lagrangian and Finslerian Mechanics of Nonconservative Mechanical Systems

Katica R. (Stevanović) Hedrih:

*Current Research in Nonlinear Mechanics, Memorial Lecture dedicated to Professor
Dr Ing Math. Danilo Rašković (1910-1985).*

Anthony N. Kounadis:

*Recent Advances on Postbuckling Analyses of Thin-Walled Structures: **Beams, Frames
& Cylindrical Shells.***



Participants of Seminar with
Academician **Anthony Kounadis** and Professor **John T. Katsikadelis**



Participants of Seminar: **Julijana Simonović**, **Dragoslav Stoilković**, **Katica (Stevanović) Hedrih** and **Dragan Jovanović** (from left to right).

J.T. Katsikadelis

The BEM for Nonlinear Vibrations of Plates with Variable Stiffness and Mass Properties

Dragoslav Stoilković:

*Low of forces appears in nature. Application of the **Rudjer Bošković Theory** for explanation of the structure and properties of Material, dedicated to actuality of **Bošković's Theory of Natural Philosophy***

Julijana Simonović (under the supervision by **Katica (Stevanović) Hedrih**):

*90 plus 30 years of nonlinear dynamics. More is less, less is better!!! – a presentation of ENOC Eindhoven 2006 Opening Lecture titled: **Ninety plus thirty years of nonlinear dynamics: More is different and less is more, given** by Philip Holmes.*

Dragan B. Jovanović: *State of potential energy of body deformation along crack propagation in discrete model of material*

Camellia Frigioiu

The Dynamical Systems of Rheonomic Finslerian Mechanical Systems

Katica (Stevanović) Hedrih

Hibridni sistemi i hibridne dinamike: Teorija i primene Hybrid Systems and Hybrid Dynamics: Theory and Applications

Alexander P. Seyranian:

MULTIPARAMETER STABILITY THEORY WITH MECHANICAL APPLICATIONS

**Seminar of Theoretical and Applied
Mechanics of
Chair of Mechanics at
Faculty of Mechanical Engineering
University of Nis
(1975–2005)**

and

**Seminar
Nonlinear Dynamics –
Milutin Milančković
Center of Nonlinear Dynamics and Active
Structure
founded 2005**