

**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 –  
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*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 Stoiljković**, **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 Stoiljković:**

*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**

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