

**ГОДИШЊИ ИЗВЕШТАЈ ЗА ПРОЈЕКАТ ОИ174001 ЗА 2011:  
Списак публикованих радова у 2011 истраживаца на пројекту**

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**НАЈ ВАЖНИЈИ ЦИТАТИ РАДОВА СА ПРОЈЕКТА У 2011 ГОДИНИ:**

Yuri Rosikin and Maria Shitikova: Application of Fractional Calculus for Dynamic Problem of Solid Mechanics> Novel Trends and Resent Results, Applied Mechanics Reviews, American Society of Mechanical Engineers –ASME, JANUAR 2010, Vol. 63/ pp. 010801-1 - 010801-52.

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 [Preview](#)  [PDF \(574 K\)](#) | [Related Articles](#) (Science Direct)

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DOI 10.1016/j.cnsns.2011.05.027

Article title: Phase Trajectory Portrait of the Vibro-impact Forced Dynamics of Two Heavy Mass Particles Motions along Rough Circle

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**29\* Katica R. (Stevanović) Hedrih**, је одржала следеће пленарно предавање у трајању од 45 минута, штампани у изводу:

**Professor N. R. Sen Memorial Lecture** – Invited Lecture: Katica (Stevanović) Hedrih , Tangent space extension of the position vectors of a discrete rheonomic mechanical system, Abstracts of International Conference on Recent Advances in Mathematical Sciences and Applications (ICRAMSA-2011), December 09-11, 2011, pp. 23-25.

Предавање јр било посвећено у част сећања на истакнутог професора Nikhilranjan Sen (1894-1964) који је радио на Универзитету у Калкути и био члан Калкута математичког друштва.

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#### **Научни радови публиковани у часописима међународног значаја**

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**M22=5**

(ISSN Naslov IF 2010  
0218-1274 International Journal of Bifurcation and Chaos 0.814)

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**M21=8**

(Rang časopisa prema PETOGODIŠNJEM impakt faktoru 2010  
impakt faktor 1.776  
Engineering, Mechanica 14/122  
Mechanics 25/132)

**Научни радови публиковани у зборницима националног значаја**

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**M63=0,5**

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**Spisak radova za prof. dr Veru Nikolic-Stanojević u 2010 i 2011.**

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