

**Dr Dragi Radomirović, redovni profesor**

**Uža naučna oblast:** Mehanika

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### **Obrazovanje**

- **Dipl. inž. (1981)** – Fakultet tehničkih nauka u Novom Sadu, smer – mehanika i mašinske konstrukcije
- **Magistar nauka (1992)** - Fakultet tehničkih nauka u Novom Sadu, smer – tehnička mehanika i mašinske konstrukcije
- **Doktor nauka (1996)** - Fakultet tehničkih nauka u Novom Sadu, Doktorska disertacija: "*Varijacioni problemi mehanike sa pokretnim granicama*"

### **Odabrane publikacije**

1. Maretić R, Glavardanov V., **Radomirović D.** (2007): Asymmetric vibrations and stability of a rotating annular plate loaded by a torque. *Meccanica*, 42, 537–546.
2. **Radomirović D.**, Djukić Dj., Cvetičanin L. (2010): The brachistochrone with a movable end-point and the non-simultaneous variations. *ASME Journal of Computational and Nonlinear Dynamics*. 5(1), 011007.
3. **Radomirović D.**, - Djukić Dj., - Cvetičanin L. (2011): The minimum plane path for movable end-points and the nonsimultaneous variations, *Meccanica*, 46(4), 711-721.
4. **Radomirović D.**, Kovacic I. (2011): Dynamic circle of plane motion, *Journal of Mechanical Engineering Science (Part C of the Proceeding of the Institution of Mechanical Engineers)*. 225(5), 1147-1151.
5. Nikolić N., Antonić Z., **Radomirović D.** (2011): On the influence of a pin type on the friction losses in pin bearings, *Mechanism and Machine Theory*. 46, 975-985.

### **Odabrani projekti**

1. Istraživanja u fundamentalnim oblastima mašinskog inženjerstva. 1996-2000. (Učesnik)
2. Problemi teorijske i tehničke mehanike krutih tela. 2005-2007. (Učesnik)
3. Održivi razvoj melioracija u Vojvodini. 2007-2010. (Učesnik)

4. Sušenje voća i povrća iz integralne i organske proizvodnje kombinovanom tehnologijom. TR-31058, 2011-2014. (Učesnik)
5. Primena biomedicinskog inženjeringa u pretkliničkoj i kliničkoj praksi. III-41007, 2011-2014. (Učesnik)

### **Akadske aktivnosti**

- **Nastava** iz uže naučne oblasti mehanika na osnovnim akademskim studijama
- **Učesnik** u većem broju komisija za ocenu i odbranu: doktorskih disertacija, magistarskih teza, master i diplomskih radova.

### **Članstvo u udruženjima**

Srpsko društvo za mehaniku

### **Ostale aktivnosti**

Koristi se engleskim i ruskim jezikom

**Professor Dragi Radomirovic, Ph.D.**

**Field of research: Mechanics**

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### **Academic qualifications**

- **B.Sc.** (1981) - University of Novi Sad, Faculty of Technical Sciences
- **M.Sc.** (1992) - University of Novi Sad, Faculty of Technical Sciences
- **Ph.D.** (1996) - University of Novi Sad, Faculty of Technical Sciences

### **Selected publications**

1. Maretić R, Glavardanov V., **Radomirović D.** (2007): Asymmetric vibrations and stability of a rotating annular plate loaded by a torque. *Meccanica*, 42, 537–546.
2. **Radomirović D.**, Djukić Dj., Cvetičanin L. (2010): The brachistochrone with a movable end-point and the non-simultaneous variations. *ASME Journal of Computational and Nonlinear Dynamics*. 5(1), 011007.

3. **Radomirovic D.**, · Djukic Dj., · Cveticanin L. (2011): The minimum plane path for movable end-points and the nonsimultaneous variations, *Meccanica*, 46(4), 711-721.
4. **Radomirovic D.**, Kovacic I. (2011): Dynamic circle of plane motion, *Journal of Mechanical Engineering Science (Part C of the Proceeding of the Institution of Mechanical Engineers)*. 225(5), 1147-1151.
5. Nikolic N., Antonic Z., **Radomirovic D.** (2011): On the influence of a pin type on the friction losses in pin bearings, *Mechanism and Machine Theory*. 46, 975-985.

### **Selected projects**

1. Research in fundamental areas of mechanical engineering. 1996-2000. (Participant)
2. Problems of theoretical and technical mechanics of rigid bodies. 2005-2007. (Participant)
3. Sustainable development of land reclamation in Vojvodina. 2007-2010. 2007-2010. (Participant)
4. Drying fruits and vegetables from integrated and organic production combined drying technology. TR-31058, 2011-2014. (Participant)
5. Applied biomedical engineering in pre-clinical and clinical practice. III-41007, 2011-2014. (Participant)

### **Academic activities**

- Teaching at undergraduate studies
- Member in numerous committees

### **Memberships**

Serbian Society of Mechanics

### **Other activities**

Language skills: English and Russian