

**EUROPEAN
CURRICULUM VITAE
FORMAT**



OSOBNI PODACI

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Državljanstvo	Hrvatsko
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Matični broj iz Upisnika znanstvenika	222541

RADNO ISKUSTVO

• Datumi (od – do)	1.5.1995. – .
Ustanova zaposlenja	Građevinski fakultet, Sveučilište u Zagrebu
Naziv radnog mjesta	Docent, Izvanredni profesor
Funkcija	Predavanje, vježbe
Područje rada	Teorija konstrukcija
• Datumi (od – do)	1.11.1992.-30.4.1995.
Ustanova zaposlenja	Meštar-ING d.o.o.
Naziv radnog mjesta	Projektant-suradnik
Funkcija	
Područje rada	Statički proračuni
• Datumi (od – do)	22.7.1991.-31.10.1992.
Ustanova zaposlenja	ArhingTrade s p.o.
Naziv radnog mjesta	Projektant-suradnik
Funkcija	
Područje rada	Statički proračuni

ŠKOLOVANJE

Datum	2003.
Mjesto	Zagreb
Ustanova	Građevinski fakultet
Zvanje	Doktor tehničkih znanosti, znanstveno polje građevinarstvo, grana tehnička mehanika
Datum	1998.
Mjesto	Zagreb
Ustanova	Građevinski fakultet
Zvanje	Magistar tehničkih znanosti, znanstveno polje građevinarstvo, grana tehnička mehanika
Datum	1996.
Mjesto	Zagreb
Ustanova	Prirodoslovno-matematički fakultet
Zvanje	Diplomirani inženjer matematike
Datum	1991.
Mjesto	Zagreb
Ustanova	Građevinski fakultet
Zvanje	Diplomirani inženjer građevinarstva

USAVRŠAVANJE

Godina	
Mjesto	
Ustanova	
Područje	

OSOBNJE VJEŠTINE I KOMPETENCIJE

Materinji jezik

Strani jezici

Jezik	Engleski		Njemački
Govori	Dobro		Vrlo dobro
Piše	Dobro		Vrlo dobro
Čita	Vrlo dobro		Vrlo dobro

SOCIJALNE VJEŠTINE I KOMPETENCIJE**ORGANIZACIJSKE VJEŠTINE I KOMPETENCIJE****TEHNIČKE VJEŠTINE I KOMPETENCIJE**

Programiranje (Fortran), Mathematica, Samostalno konstruiranje građevina

UMJETNIČKE VJEŠTINE I KOMPETENCIJE**OSTALE VJEŠTINE I KOMPETENCIJE**

Prvak RH u rješavanju sudoku zagonetki za 2009.godinu

VOZAČKA DOZVOLA

B kategorija

DODATNI PODACI

Član American Society of Civil Engineers (ASCE)
Član American Society of Mechanical Engineers (ASME)
Član European Society for Mechanics (EUROMECH)

PRIVITCI

Popis radova

VLASTORUČNI POTPIS

Popis radova

Poglavlje u knjizi

1. Theories of Plates and Shells. Critical Review and New Application, Lecture Notes in Applied and Computational Mechanics Vol. 16, Eds.: Kienzler, R., Altenbach, H., Ott, I., *Stochastic Finite Element Analysis of Plates*, pp 149-156, Springer Verlag, 2003, ISBN 3-540-20997-2.

Znanstveni rad recenziran, objavljen u zborniku s međunarodnog znanstvenog skupa

1. Meštrović, M.: *A C^1 Rectangular Finite Element in the Thin Orthotropic Plate Bending Analysis*, EUROMECH Colloquium 394 – Theory and Numerics of Anisotropic Materials at Finite Strains, Graz, Austria, Book of Abstracts, 1999.
2. Meštrović, M.: *Upper Bounds by Stochastic Force Method*, Proceedings of the European Congress on Computational Methods in applied Sciences and Engineering (ECCOMAS 2000), CD-ROM, Barcelona, Spain, 2000.
3. Meštrović, M.: *Stochastic Transient Heat Transfer*, First M.I.T. Conference on Computational Fluid and Solid Mechanics, Boston, Ma, USA, Book of Abstracts, 2001.
4. Meštrović, M.: *Variability Response Function for Stochastic Thin Plate Bending Problem*, Corotis, R.B., Schueller, G.I., Shinozuka, M. (eds.): Structural Safety and Reliability – Proceedings of the eighth International Conference ICOSSAR'01, Newport Beach, Ca, USA, (pp. 358 + CD-ROM), Swets&Zeitlinger, 2001, ISBN 90-5809-197-X.
5. Meštrović, M.: *Variability Response Function for the Beams with Random Elasticity and Random Cross Section*, Proceedings of the 15th ASCE Engineering Mechanics Conference (EM 2002), June 2-5, 2002, Columbia University, New York, NY, USA, edited by Andre W. Smyth.
6. Meštrović, M.: *Generalized Differential Quadrature Method for the Beam with Varying Cross Section*, Proceedings of Fifth World Congress on Computational Mechanics (WCCM V), July, 7-12, 2002, Vienna, Austria, Editors: Mang, H.A., Rammerstorfer, F.G., Eberhardsteiner, J., Publisher: Vienna University of Technology, Austria, ISBN 3-9501554-0-6, <http://wccm.tuwien.ac.at>
7. Meštrović, M.: *Generalized Differential Quadrature Method for Timoshenko Beam*, Computational Fluid and Solid Mechanics, Proceeding of 2nd M.I.T. Conference on Computational Fluid and Solid Mechanics, Boston, Ma, USA, Vol. 1, pp 451-454, Ed.: Bathe, K.J., Elsevier, 2003, ISBN 0-08-0440406-0.
8. Meštrović, M.: *The Mathematical Formulation of Stochastic Finite Element Analysis of Thin Plates*, Mathematics of Finite Elements XI, Brunel University, Uxbridge, Middlesex, UK, Book of Abstracts, 2003.
9. Meštrović, M.: *Variability Response Function for the Steady-State Heat Conduction*, Proceedings of the 16th ASCE Engineering Mechanics Conference (EM 2003), July 14-18, 2003, University of Washington, Seattle, Wa, USA.
10. Meštrović, M.: *Generalized Differential Quadrature for Burgers Equation*, Computer Technology and Applications, 2003 ASME Pressure Vessels and Piping Conference, Cleveland, Oh, USA, July 20-24, 2003, Eds.: Reinhardt W., Martin, J., ASME PVP-Vol. 458, pp 211-214, ISBN 0-7918-1699-0.
11. Meštrović, M.: *Generalized Integral Quadrature for Volterra Equations of the Second Kind*, Proceedings of the Seventh US National Congress on Computational Mechanics, Albuquerque, NM, USA, July 27-31, 2003, ISBN 0-9743254-0-6
12. Meštrović, M.: *Teaching Finite Elements to Undergraduate Structural Engineers*, Proceedings of the 17th ASCE Engineering Mechanics Conference (EM 2004), Eds.: Kaliakin, V.N., Kirby, J.T., Yamamoto, J., Bhattacharya, B., Shenton, H.W., July 13-16, 2004, University of Delaware, Newark, De, USA.
13. Meštrović, M.: *An Application of Modified Predictor-Corrector Method*, Computer Technology and Applications, 2004 ASME Pressure Vessels and Piping Conference, San Diego, Ca, USA, July 25-29, 2004, ASME PVP-Vol. 482, pp 281-284, ISBN 0-7918-4677-6
14. Meštrović, M.: *Stochastic Generalized Differential Quadrature Formulation*, Computational Fluid and Solid Mechanics, Proceeding of 3rd M.I.T. Conference on Computational Fluid and Solid Mechanics, Boston, Ma, USA, pp 365-369, Ed.: Bathe, K.J., Elsevier, 2005, ISBN 0-08-044476-8.

Pozvana predavanja na međunarodnom skupu

1. Meštrović, M.: *Generalized Differential Quadrature Method for the Beam with Varying Cross Section*, Fifth World Congress on Computational Mechanics (WCCM V), July, 7-12, 2002, Vienna, Austria

Recenzentski radovi

1. 7th World Multiconference on Systemics, Cybernetics and Informatics, July 2003, Orlando, FL, USA
2. 8th World Multiconference on Systemics, Cybernetics and Informatics, July 2004, Orlando, FL, USA
3. 9th World Multiconference on Systemics, Cybernetics and Informatics, July 2005, Orlando, FL, USA
4. 10th World Multiconference on Systemics, Cybernetics and Informatics, July 2006, Orlando, FL, USA
5. 11th World Multiconference on Systemics, Cybernetics and Informatics, July 2007, Orlando, FL, USA
6. 12th World Multiconference on Systemics, Cybernetics and Informatics, July 2008, Orlando, FL, USA
7. 13th World Multiconference on Systemics, Cybernetics and Informatics, July 2009, Orlando, FL, USA
8. 14th World Multiconference on Systemics, Cybernetics and Informatics, July 2010, Orlando, FL, USA
9. Journal of Systemics, Cybernetics and Informatics, Ed.: Nagib C. Callaos

Mentorstvo.

Magistarski rad: Srđan Majić, Usporedba odziva generičkih ravninskih okvira na modele bijelog šuma, 2005.