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Date of birth: 29 December 1952

Head of department for bridges and structures
Head of dinamic testing center
Head of dinamic testing laboratory

Current profes

1987	Ph.D. Civil Engineering	University of Zagreb-Faculty of Civil Eng. Thesis Title: "Numerical modelling of fluid-structure coupled problems"
1983	M.S. Civil Engineering	University of Zagreb-Faculty of Civil Eng. Thesis Title: "Nonlinear modelling of concrete structures"
1976	Dipl.Ing. (B.S.) Civil Engineering	University of Zagreb-Faculty of Civil Eng.

Academic rank

2023 – today	Professor emeritus , CE Department, University of Split, Croatia
2005 – 2023	Full Professor (tenure) , CE Department, University of Split, Croatia
2001	Full Professor , CE Department, University of Split, Croatia
1996	Associate Professor , CE Department, University of Split, Croatia
1989	Assistant Professor , CE Department, University of Split, Croatia
1987	Lecturer , CE Department, University of Split, Croatia
1985	Research Assistant , CE Department, University of Split, Croatia
1977	Graduate Teaching Assistant , CE Department, University of Split, Croatia

Awards

2015	Award of the University of Split for the development of scientific research
2008	Award of the Faculty of Engineering, University of Mostar for outstanding contribution to the preservation and development of the Faculty of Civil Engineering in Mostar
2007	City of Trogir Award for the wooden bridge in Trogir
2005	The recognition of the Croatian Society of Structural Engineers for outstanding contribution to the development of bridge construction over the past decade
2004	City of Solin Award for the stone bridge in Solin
1974/1975	University of Zagreb, Rector's Award

Professional Memberships

- International Association for Bridge and Structural Engineering
- Croatian Chamber of Architects and Engineers in Civil Engineering
- Croatian Society of Civil Engineers
- Croatian Society of Structural Engineers
- Croatian Society of Mechanics
- Croatian Committee on Large Dams
- Society of Civil Engineers of Split
- Croatian Chamber of Architects and Engineers in Civil Engineering

Subjects for lectures

- Fundamentals of Concrete Structures
- Fundamentals of Bridges
- Concrete Structures I,II
- Prestressed Concrete
- Massive Bridges
- Supporting Structures
- Composite Structures
- Masonry Structures
- Creating of Bearing Systems of Bridges And Structures
- Durability of Structures
- Numerical Modeling of Concrete Structures
- Numerical Modeling of Fluid-Structure Dynamic Interaction

Author's book

1. Radnić, J., Harapin, A., Markota, L., Cracing of Concrete (in Croatian). Faculty of Civil Engineering and Architecture, University of Split, 2005.
2. Radnić, J., Harapin, A., Ćubela, D., (2005) Composite structures (in Croatian). Faculty of Civil Engineering and Architecture, University of Split, 2005.

3. Radnić, J., Matešan, D., Harapin, A., Concrete plates and shells (in Croatian). Faculty of Civil Engineering and Architecture, University of Split, Civil Engineering Institute of Croatia, Split, Zagreb, 2004.
4. Radnić, J., Matešan, D., Harapin, A., Static Analysis of Concrete Shells. Radnić d.o.o, Split. 2003.
5. Radnić J., Harapin A., Services of rectangular reinforced concrete cross-sections: A Handbook for the budget to PBAB 8(in Croatian). Faculty of Civil Engineering and Architecture, University of Split, 1999.

Book Chapters

1. Radnić, J.; Smilović, M.; Grgić, N.; Buzov, A.: „*The effect of vertical load on seismic response of masonry walls*“ , Design and Computation of Modern Engineering Materials, Springer International Publishing Switzerland : Springer International Publishing, p.p. 17-33., 2014
2. Radnić, J.; Matešan, D.; Smilović, M., Nonlinear Creep Model for Concrete in Analysis of Plates and Shells, Materials with Complex Behaviour II, Berlin, Springer-Verlag Berlin Heidelberg, 2012. pp. 163-174.
3. Brzović, D.; Šunjić, G.; Radnić, J.; Harapin, A., Numerical Model for Fluid–Structure Coupled Problems Under Seismic Load, Materials with Complex Behaviour II, Berlin, Springer-Verlag Berlin Heidelberg 2012, 2012. pp. 175-198.
4. Matešan, D.; Radnić, J., Nonlinear Time-Dependent Analysis of Prestressed Concrete Shells, Materials with Complex Behaviour, Berlin, Springer-Verlag Berlin Heidelberg, 2010. pp. 165-179.
5. Matešan, D.; Radnić, J.; Harapin, A., Model of Large Displacements in Static Analysis of Shell, Materials with Complex Behaviour, Berlin, Springer-Verlag Berlin Heidelberg, 2010. pp. 149-163.
6. Radnić, J.; The bridge mainland – Pelješac peninsula, Bosnia and Herzegovina-the Maritime State, Sarajevo, Tisak, 2006. pp. 71-82.

Refereed Journal Publications

1. Banović, Ivan; Radnić, Jure; Grgić, Nikola; Buzov, Ante Performance of geotechnical seismic isolation using stone pebble - geogrid layer: Experimental investigation. // Soil Dynamics and Earthquake Engineering, 171 (2023), 107941, 11 doi:10.1016/j.soildyn.2023.107941 (međunarodna recenzija, članak, znanstveni)
2. Banović, Ivan; Radnić, Jure; Grgić, Nikola; Semren, Krešimir Effectiveness of several low-cost geotechnical seismic isolation methods: a shake-table study. // Bulletin of Earthquake Engineering, S.I., Geotechnical Seismic Isolation (2022), 1-25 doi:10.1007/s10518-022-01481-1 (međunarodna recenzija, članak, znanstveni)
3. Sunara, Marina; Gotovac, Blaž; Radnić, Jure; Harapin, Alen Numerical analysis of pressures on rigid structures using the smoothed particle hydrodynamics method. // Scientia Iranica, 28 (2021), 3, 1066-1078 doi:10.24200/SCI.2020.22052 (međunarodna recenzija, članak, znanstveni)
4. Buzov, Ante; Radnić, Jure; Grgić, Nikola Effects of the drum height, joint type and bolts on the bearing capacity of composite multi-drum stone columns under static and earthquake

- loads. // *Engineering Structures*, 237 (2021), 112230, 19 doi:10.1016/j.engstruct.2021.112230 (međunarodna recenzija, članak, znanstveni)
5. Banović, Ivan; Radnić, Jure; Grgić, Nikola Numerical model for dynamic analysis of structures with seismic base isolation using a layer of stone pebbles. // *Ingegneria Sismica*, 38 (2021), 1; 37-65 (međunarodna recenzija, članak, znanstveni)
 6. Radnić, Jure; Grgić, Nikola; Buzov, Ante; Banović, Ivan; Smilović Zulim, Marija; Baloević, Goran; Sunara, Marina Mw 6.4 Petrinja earthquake in Croatia: Main earthquake parameters, impact on buildings and recommendation for their structural strengthening. // *Građevinar, časopis Hrvatskog saveza građevinskih inženjera*, 73 (2021), 11; 1109-1128 doi:10.14256/jce.3243.2021 (međunarodna recenzija, pregledni rad, znanstveni)
 7. Radnić, Jure; Matešan, Domagoj; Banović, Ivan Bridges with multiple structural systems: The example of Trilj Bridge reconstruction in Croatia. // *Bridge structures*, 17 (2021), 1-2; 65-75 doi: 10.3233/brs-210185 (međunarodna recenzija, članak, znanstveni)
 8. Banović, Ivan; Radnić, Jure; Grgić, Nikola Effect of Structural Stiffness on the Efficiency of Seismic Base Isolation Using Layers of Stone Pebbles. // *Ingegneria Sismica*, 37 (2020), 2; 66-91 (međunarodna recenzija, članak, znanstveni)
 9. Radnić, Jure; Matešan, Domagoj; Abaza, Ante Restoration and Strengthening of Historical Buildings: The Example of Minceta Fortress in Dubrovnik. // *Advances in Civil Engineering*, 2020 (2020), 1-17 doi:10.1155/2020/8854397 (međunarodna recenzija, članak, znanstveni)
 10. Smilović Zulim, Marija; Radnić, Jure Anisotropy Effect of Masonry on the Behaviour and Bearing Capacity of Masonry Walls. // *Advances in Materials Science and Engineering*, 2020 (2020), 5676901, 14 (međunarodna recenzija, članak, znanstveni)
 11. Banović, Ivan; Radnić, Jure; Grgić, Nikola Foundation size effect on the efficiency of seismic base isolation using a layer of stone pebbles. // *Earthquakes and Structures*, 19 (2020), 2; 103-117 doi:10.12989/eas.2020.19.2.103 (međunarodna recenzija, članak, znanstveni)
 12. Smilović Zulim, Marija; Radnić, Jure; Harapin, Alen Shear effect on seismic behaviour of masonry walls. // *Materialwissenschaft und Werkstofftechnik*, 50 (2019), 5; 565-579 doi:10.1002/mawe.201800185 (međunarodna recenzija, članak, znanstveni)
 13. Banović, Ivan; Radnić, Jure; Grgić, Nikola Geotechnical Seismic Isolation System Based on Sliding Mechanism Using Stone Pebble Layer: Shake- Table Experiments. // *Shock and Vibration*, 2019 (2019), 1-26 doi:10.1155/2019/9346232 (međunarodna recenzija, članak, znanstveni)
 14. Sunara Kusić, Marina; Radnić, Jure; Grgić, Nikola; Harapin, Alen Fluid Structure Interaction Analysis of Liquid Tanks by the Coupled SPH - FEM Method with Experimental Verification. // *Defect and Diffusion Forum*, 391 (2019), 152-173 doi:10.4028/www.scientific.net/ddf.391.152 (međunarodna recenzija, članak, znanstveni)
 15. Radnić, Jure; Markić, Radoslav; Grgić, Nikola; Čubela, Dragan New approach for Ductility analysis of partially prestressed concrete girders. // *Structural engineering and mechanics*, 70 (2019), 3; 257-267 doi:10.12989/sem.2019.70.3.257 (međunarodna recenzija, članak, znanstveni)
 16. Buzov, Ante; Radnić, Jure; Grgić, Nikola Effects of several bolt parameters on the bearing capacity of a composite multi-drum stone column under an earthquake. // *Composites. Part B, Engineering*, 162 (2019), 250-258 doi:10.1016/j.compositesb.2018.10.104 (međunarodna recenzija, članak, znanstveni)

17. Baloevic, Goran; Radnić, Jure; Grgic, Nikola. Numerical model for dynamic analysis of masonry- infilled steel and concrete frames. // *Materialwissenschaft und Werkstofftechnik*, 50 (2019), 5; 519-532 doi:10.1002/mawe.201900006 (međunarodna recenzija, članak, znanstveni)
18. Buzov, Ante; Radnić, Jure; Grgić, Nikola; Baloević, Goran Effect of the joint type on the seismic behaviour of a free-standing multi-drum column. // *Construction and Building Materials*, 214 (2019), 121-132 doi:10.1016/j.conbuildmat.2019.04.118 (međunarodna recenzija, članak, znanstveni)
19. Harapin, Alen; Radnić, Jure; Sunara, Marina Numerical Model for Fluid-Structure Interaction by the Coupled SPH and the FEM Method. // *International Journal for Engineering Modelling*, 32 (2019), 1; 39-58 doi:10.31534/engmod.2019.1.ri.02m (međunarodna recenzija, članak, znanstveni)
20. Banović, Ivan; Radnić, Jure; Grgić, Nikola; Matešan, Domagoj Use of Limestone Sand for the Seismic Base Isolation of Structures. // *Advances in Civil Engineering*, 2018 (2018), 9734283, 12 doi:10.1155/2018/9734283 (međunarodna recenzija, članak, znanstveni)
21. Buzov, Ante; Radnić, Jure; Grgić, Nikola; Baloević, Goran Effect of the joint type on the bearing capacity of a multi-drum column under static load. // *International Journal of Architectural Heritage*, 12 (2018), 1; 137-152 doi:10.1080/15583058.2017.1396380 (međunarodna recenzija, članak, znanstveni)
22. Baloević, Goran; Radnić, Jure; Grgić, Nikola; Matešan, Domagoj Behavior of fiber reinforced mortar composites under impact load. // *Latin American Journal of Solids and Structures*, 15 (2018), 2; 1-13 doi: 10.1590/1679-78254168 (međunarodna recenzija, članak, znanstveni)
23. Radnić, Jure; Grgić, Nikola; Sunara Kusić, Marina; Harapin, Alen Shake table testing of an open rectangular water tank with water sloshing. // *Journal of fluids and structures*, 81 (2018), 97-115 doi:10.1016/j.jfluidstructs.2018.04.020 (međunarodna recenzija, članak, znanstveni)
24. Buzov, Ante; Radnić, Jure; Grgić, Nikola; Baloević, Goran Effect of the drum height on the bearing capacity of composite multi-drum column under static load. // *Composites. Part B, Engineering*, 148 (2018), 1; 243-251 doi:10.1016/j.compositesb.2018.05.005 (međunarodna recenzija, članak, znanstveni)
25. Grgić, Nikola; Radnić, Jure; Smilović, Marija; Baloević, Goran The shake-table study of the effect of longitudinal reinforcement ratio on the behavior of concrete cantilever columns. // *Materialwissenschaft und Werkstofftechnik*, 49 (2018), 5; 606-618 doi:10.1002/mawe.201700246 (međunarodna recenzija, članak, znanstveni)
26. Buzov, Ante; Radnić, Jure; Grgić, Nikola; Baloević, Goran Effect of the drum height on the seismic behaviour of a free-standing multi-drum column. // *Advances in Materials Science and Engineering*, 2018 (2018), 5729068, 12 doi:10.1155/2018/5729068 (međunarodna recenzija, članak, znanstveni)
27. Sunara Kusić, Marina; Radnić, Jure; Grgić, Nikola; Harapin, Alen Sloshing in medium size tanks caused by earthquake studied by SPH. // *Građevinar, časopis Hrvatskog saveza građevinskih inženjera*, 70 (2018), 08; 671-684 doi:10.14256/jce.2169.2017 (međunarodna recenzija, prethodno priopćenje, znanstveni)
28. Banović, Ivan; Radnić, Jure; Grgić, Nikola Shake Table Study on the Efficiency of Seismic Base Isolation Using Natural Stone Pebbles. // *Advances in Materials Science and Engineering*,

- 2018 (2018), 1012527, 20 doi:10.1155/2018/1012527 (međunarodna recenzija, članak, znanstveni)
29. Jajac, Nikša; Rogulj, Katarina; Radnić, Jure Selection of the Method for Rehabilitation of Historic Bridges-A Decision Support Concept for the Planning of Rehabilitation Projects. // International Journal of Architectural Heritage, 11 (2017), 2; 261-277 doi:10.1080/15583058.2016.1207113 (međunarodna recenzija, članak, znanstveni)
30. Baloević, Goran; Radnić, Jure; Grgić, Nikola; Matešan, Domagoj Shake-table study of plaster effects on the behavior of masonry-infilled steel frames. // Steel and composite structures, 23 (2017), 2; 195-204 doi:10.12989/scs.2017.23.2.195 (međunarodna recenzija, članak, znanstveni)
31. Grgić, Nikola; Radnić, Jure; Matešan, Domagoj; Banović, Ivan Stirrups effect on the behavior of concrete columns during an earthquake. // Materialwissenschaft und Werkstofftechnik, 48 (2017), 5; 406-419 doi:10.1002/mawe.201700014 (međunarodna recenzija, članak, znanstveni)
32. Grgić, Nikola; Radnić, Jure; Matešan, Domagoj; Buzov, Ante Effect of mass on the behavior of concrete columns under seismic load. // Materialwissenschaft und Werkstofftechnik, 47 (2016), 5/6; 483-494 doi:10.1002/mawe.201600524 (međunarodna recenzija, članak, znanstveni)
33. Radnić, Jure; Markić, Radoslav; Glibić, Mladen; Čubela, Dragan; Grgić, Nikola Experimental testing of concrete beams with different levels of prestressing. // Proceedings of the Institution of Mechanical Engineers. Part L, journal of materials, design and applications, 230 (2016), 3(S.I.); 760-779 doi: 10.1177/1464420715585069 (međunarodna recenzija, članak, znanstveni)
34. Baloević, Goran; Radnić, Jure; Grgić, Nikola; Matešan, Domagoj The application of a reinforced plaster mortar for seismic strengthening of masonry structures. // Composites. Part B, Engineering, 93 (2016), 190-202 doi:10.1016/j.compositesb.2016.03.007 (međunarodna recenzija, članak, znanstveni)
35. Baloević, Goran; Radnić, Jure; Grgić, Nikola; Matešan, Domagoj; Smilović, Marija Numerical model for nonlinear analysis of composite concrete-steel-masonry bridges. // Coupled systems mechanics, 5 (2016), 1; 1-20 doi:10.12989/csm.2016.5.1.001 (međunarodna recenzija, članak, znanstveni)
36. Radnić, Jure; Markić, Radoslav; Grgić, Nikola; Glibić, Mladen; Banović, Ivan Comparison of numerical models for nonlinear static analysis of planar concrete frames based on 1D and 2D finite elements. // Materialwissenschaft und Werkstofftechnik, Volume 47 (2016), Issue 5-6; 369-581 doi:10.1002/mawe.201600523 (međunarodna recenzija, članak, znanstveni)
37. Baloević, Goran; Radnić, Jure; Matešan, Domagoj; Grgić, Nikola; Banović, Ivan Comparison of developed numerical macro and micro masonry models for static and dynamic analysis of masonry-infilled steel frames. // Latin American Journal of Solids and Structures, 13 (2016), 12; 2251-2265 doi: 10.1590/1679-78252520 (međunarodna recenzija, članak, znanstveni)
38. Radnić, J.; Grgić N.; Matešan, D.; Baloević, G.: „Shake table testing of reinforced concrete columns with different layout size of foundation“, Materialwissenschaft und Werkstofftechnik, p.p. 348-367, 2015.
39. Radnić, J.; Matešan, D.; Buklijaš-Kobojević, D.: „Numerical model for analysis of stress-ribbon bridges“, Građevinar, Vol. 67, p.p. 959-973, 2015.

40. Radnić, J.; Matešan, D.; Grgić, N.; Baloević, G.: „Impact testing of RC slabs strengthened with CFRP strips“, *Composite structures*, p.p.90-103, 2015.
41. Radnić, J.; Smilović, M.; Sunara, M.; Buklijaš-Kobojević, D.: „Numerical study of the behaviour of masonry walls with different height-length ratio under static and seismic loads“, *Materialwissenschaft und Werkstofftechnik*, p.p. 330-347, 2015.
42. Matešan, D.; Radnić, J.; Baloević, G.; Smilović, M.: „Nonlinear analysis of concrete shells including effects of normal and transverse shear stresses ", *Materialwissenschaft und Werkstofftechnik*, p.p. 258-268 , 2014.
43. Radnić, J.; Baloević, G.; Grgić, N.; Harapin, A.; Buzov, A.: „The effect of flexibility in ground storey of concrete walls and infilled frames on their seismic response“ , *Materialwissenschaft und Werkstofftechnik*, p.p. 244-257, 2014.
44. Radnić, J.; Harapin, A.; Markić, R.; Sunara, M.; Buzov, A.: „The effect of traditional reinforcement – prestressed reinforcement ratio on the behaviour of concrete beams“, *Materialwissenschaft und Werkstofftechnik*, p.p. 234-243, 2014.
45. Baloević, G.; Radnić, J.; Harapin, A.: „Numerical dynamic tests of masonry-infilled RC frames“, *Engineering structures*, p.p. 43-55, 2013.,
46. Matešan, D.; Radnić, J.; Grgić, N.; Baloević, G.: „Strength capacity of simply supported circular concrete slab“, *Materialwissenschaft und Werkstofftechnik*, p.p. 416-422, 2013.
47. Radnić, J.; Baloević, G.; Matešan, D.; Smilović, M.: „On a numerical model for static and dynamic analysis of in-plane masonry infilled steel frames“, *Materialwissenschaft und Werkstofftechnik*, p.p. 423-430, 2013.
48. Radnić, J.; Smilović, M.; Harapin, A.; Sunara, M.: „Effect of horizontal ring beams on the ultimate bearing capacity of masonry walls“, *Materialwissenschaft und Werkstofftechnik*, p.p. 436-448, 2013.
49. Smilović, M.; Čubela, D.; Radnić, J.; Harapin, A.: „Experimental testing of wood-concrete and steel- concrete composite elements in comparison with numerical testing“, *Materialwissenschaft und Werkstofftechnik*, p.p. 562-570, 2013.
50. Radnić, J.; Harapin, A.; Markić, R.; Grgić, N.; Sunara, M.; Buzov, A.: „Effect of the Shear Force on the Failure of Effect of the Shear Force on the Failure of Spatial Concrete Framework Structures“, *Key Engineering Materials*, p.p. 67-80, 2013.
51. Radnić, J.; Markić, R.; Harapin, A.; Matešan, D.: „Effect of confined concrete on compressive strength of RC beams“, *Advances in Concrete Construction*, p.p. 215-223, 2013.
52. Radnić, J.; Markić, R.; Harapin, A.; Matešan, D.; Baloević, G.: „Stirrup effects on compressive strength and ductility of confined concrete columns“, *World Journal of Engineering*, p.p. 497-506, 2013.
53. Matešan, D.; Radnić, J.; Grgić, N.; Čamber, V., Strength capacity of square reinforced concrete slabs, *Materialwissenschaft und Werkstofftechnik*. 43 (2012) ; pp.399-404.
54. Smilović, M.; Radnić, J.; Harapin, A., Numerical tests of vertical ring beams effect on bearing capacity of masonry wall, *Građevinar (Croatia)*. 64 (2012) ; pp.271-284.
55. Radnić, J.; Harapin, A.; Smilović, M.; Grgić, N.; Glibić, M., Static and dynamic analysis of the old stone bridge in Mostar, *Građevinar (Croatia)*. 64 (2012) ; pp.655-665.
56. Matešan, D.; Radnić, J.; Grgić, N., Effect of reinforcement arrangement on the limit strength capacity of concrete slabs, *Materialwissenschaft und Werkstofftechnik*. 42 (2011) , 5; pp.393-397.

57. Matešan, D; Radnić, J.; Grgić, N.; Čamber, V., Effect of rebars length above inner supports of continuous rc slabs, *World journal of engineering*. 8 (2011) ; pp.369-374.
58. Radnić, J.; Harapin, A.; Matešan, D.; Trogrlić, B.; Smilović, M.; Grgić, N.; Baloević, G., Numerical model for static and dynamic analysis of masonry structures, *Građevinar (Croatia)*. 63 (2011) ; pp.529-546.
59. Radnić, J.; Matešan, D., Model for nonlinear creep of concrete, *Građevinar (Croatia)*. 63 (2011) ; pp. 163-168.
60. Radnić, J.; Matešan, D.; Sunara, M., Concrete bridges with 60-metre long prefabricated beams, *Ceste i mostovi (Croatia)*. 4 (2011) ; pp.60-63.
61. Radnić, J.; Matešan, D., Testing of Prestressed Concrete Shell Under Long-Term Load and Unload, *Experimental mechanics*. 50 (2010) , 5; pp.575-588.
62. Matešan, D.; Radnić, J.; Markić, R., Experimental testing of numerical model for slabs and shells analysis, *Ceste i mostovi (Croatia)*. 56 (2010) , 3; pp.22-26
63. Radnić, J.; Matešan, D.; Grgić, N., Analysis of prestressed concrete shells subjected to long-term load, *Građevinar (Croatia)*. 59 (2010) ; pp. 183-196.
64. Radnić, J.; Matešan, D.; Harapin, A., Modelling flexural stiffness in concrete frames, *Građevinar (Croatia)*. 62 (2010) , 5; pp.401-408.
65. Radnić, J.; Smilović, M., Reconstruction of the stone bridge across the Cetina river in Panj, *Ceste i mostovi (Croatia)*. 1 (2010) ; pp.46-52.
66. Harapin, A.; Radnić, J.; Brzović, D., WYD method for an eigen solution of coupled problems, *Int. Jnl. of Multiphysics*. 3 (2009) ; pp.167-176.
67. Radnić, J.; Matešan, D., Testing a prestressed concrete shell subjected to long-term loading and unloading, *Građevinar (Croatia)*. 59 (2009) ; pp.711-720.
68. Radnić, J.; Smilovic, M., A new bridge across the Jadro river at Solin, *Ceste i mostovi (Croatia)*. 1 (2009); pp.12-16.
69. Harapin, A.; Radnić, J.; Čubela, D., Numerical model for composite structures with experimental confirmation, *Materialwissenschaft und Werkstofftechnik Materials Science and Engineering Technology*. 39 (2008) , 2; pp.143-156.
70. Radnić, J.; Matešan, D., Experimental testing of RC slab behaviour under long-term load, *Materialwissenschaft und Werkstofftechnik*. 39 (2008) , 2; 157-161.
71. Radnić, J.; Harapin, A.; Markić, R., Influence of stirrup on compressive strength of concrete columns, *Građevinar (Croatia)*. 60 (2008) ; pp. 953-959.
72. Radnić, J.; Harapin, A.; Smilović, M., Determining Reinforcement and Ductility of Concrete Sections, *Ceste i mostovi (Croatia)*. 4 (2008) ; pp.12-24.
73. Radnić, J.; Matešan, D.; Harapin, A., The effects of concrete beams stiffness on distribution of bending moments in slabs, *Ceste i mostovi (Croatia)*. 6 (2008) ; pp.6-12.
74. Radnić, J.; Harapin, A.; Markić, R., Experimental testing of stirrup influence on concrete beam strength at compression failure, *Građevinar (Croatia)*. 59 (2007) ; pp.789-795.
75. Radnić, J.; Matešan, D., Testing a reinforced concrete slab subjected to long - term loading/unloading, *Građevinar (Croatia)*. 59 (2007) ; pp. 967-973.
76. Radnić, J.; Matešan, D.; Đogo, M., The Influence of Modelling Pier-Foundation-Soil Interaction on Seismic Forces of a Bridge, *Ceste i mostovi (Croatia)*. 4 (2007) ; pp.46-52.
77. Radnić, J.; Harapin, A.; Smilović, M., Wooden bridge in Trogir , *Građevinar (Croatia)*. 59 (2007) ; pp.319-325.

78. Radnić, J.; Smilović, M.; Jazidžija, M., Wooden bridge in Trogir, Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE). 17 (2007) ; pp.224-227.
79. Radnić, J.; Markota, L.; Harapin, A., Numerical model for crack width calculation in concrete elements, Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE). 16 (2006) , 1; pp.59-65.
80. Radnić, J.; Matešan, D., Canopy structure at the Split-Kaštela airport, Građevinar (Croatia). 58 (2005), 3; pp.151-156.
81. Radnić, J.; Matešan, D., Influence of stirrup and beam connections on seismic resistance of bridges, Građevinar (Croatia). 56 (2004) ; pp.475-480.
82. Radnić, J., Concrete bridges with double supports for continuous span beams, Građevinar (Croatia). 58 (2004), 12; pp.731-734.
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Refereed Conference Publications

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2. Banović, Ivan; Radnić, Jure; Grgić, Nikola Effect of structure stiffness on seismic base isolation efficiency using natural stone pebbles. // CD-ROM Proceedings of the abstracts of 13th International Conference on Advanced Computational Engineering and Experimenting ACE-X 2019 / Öchsner, Andreas ; Altenbach, Holm ; Johlitz, Michael (ur.). Atena, Grčka: ACEX - Advanced Computational Engineering and Experimenting, 2019, str. 38-38 (predavanje, međunarodna recenzija, sažetak, znanstveni)
3. Smilović, Marija; Radnić, Jure; Grgić, Nikola; Baloević, Goran Effect of anisotropy of masonry on the behaviour of unreinforced and confined masonry walls under ground motion. // 11th International Conference on Advanced Computational Engineering and Experimenting, ACE-X2017 Vienna, Austria, 2017, (poster, međunarodna recenzija, sažetak, znanstveni)
4. Buzov, Ante; Radnić, Jure; Grgić, Nikola The effect of joints between blocks on the bearing capacity of stone columns. // ABSTRACT BOOK, 10th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2016 / Öchsner, Andreas ; Altenbach,

Holm (ur.), Split : ICC- International Conferences and Courses Limited , 2016. Split, Hrvatska, 2016, (predavanje, međunarodna recenzija, sažetak, znanstveni)

5. Smilović, Marija; Radnić, Jure; Baloević, Goran Shear effect on the limit bearing capacity of masonry walls. // ACEX-2016 Split, Croatia, 2016, (poster, međunarodna recenzija, sažetak, znanstveni)
6. Sunara Kusić, Marina; Radnić, Jure; Harapin, Alen Pressures on the Liquid Storage Tanks Caused by Sloshing During Earthquake Studied by SPH Numerical Model. // ABSTRACT BOOK, 10th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2016 / Öchsner, Andreas ; Altenbach, Holm (ur.). Split: ICC- International Conferences and Courses Limited, 2016, str. 36-37 (predavanje, međunarodna recenzija, sažetak, znanstveni)
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10. Matešan, D.; Radnić, J.; Baloević, G.; Smilović, M.: „Nonlinear Analysis of Concrete Shells Including Effects of Normal and Transverse Shear Stresses“, ACEX 2013 ABSTRACT BOOK, 2013.
11. Radnić, J.; Baloević, G.; Grgić, Nikola; H., Alen; Buzov, A.: „The Effect of Flexibility in Ground Floor of Concrete Wall and Infilled Frame on their Seismic Response“ , ACEX2013 ABSTRACT BOOK, 2013.
12. Radnić, J.; Čamber, V.; Grgić, N.; Matešan, D.: „The Effect of the Bedding Length of Lintel in Masonry Walls on their Load Bearing Capacity“, ACEX 2013 ABSTRACT BOOK, 2013.
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61. Radnić, J.; Harapin, A., Dynamic interaction of fluid-structure coupled systems, Proc. 2nd Congress of Croatian Society of Mechanic , Zagreb, 1997. pp.513-518.
62. Radnić, J., Fixed connecting of croatian islands to continent-guaranty of their progress, 4th Congress DHGK, 1996. pp.421-427.
63. Radnić, J.; Harapin, A., Dynamic interaction of liquid-structure-soil coupled system including water pressure in cracks, 4th Congress DHGK, 1996. pp.429-436.
64. Radnić, J.; Harapin, A., The influence of $\sigma - \epsilon$ diagram of reinforcing steel on amount of reinforcement of concrete cross-sections according EUROCODE-2, 4th Congress DHGK, 1996. pp.437-443.
65. Radnić, J.; Ricov, M., Reconstruction of RC Columns of 110 kV Electric Wire Kraljevac – Imotski, 4th Congress DHGK, 1996. pp.235-242.
66. Radnić, J., Some computing and constructing aspects of structures and buildings, 2th working Congress of Builders in the reconstruction of Croatia, DHGK, 1993. pp.61-66.
67. Radnić, J., Some Aspects of the Quality and Economy of Structures, Congress of Croatian Builders 93, Croatian Society of Civil Engineers, Crikvenica, 1993. pp.103-108.
68. Radnić, J.; Harapin, A., Influence of Tensile Concrete Resistance on the Stress-Strain State and Stiffness of R/C Sections, 2th working Congress of Builders in the reconstruction of Croatia, DHGK, 1993. pp.155-160.

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70. Radnić, J., Numeric simulation of water-dam- foundations dynamic interaction, XII Congress of Yugoslav Society of Large Dams, 1986. pp.479-786
71. Radnić, J., Numerical model for the fluid – structure coupled problems with material and geometric nonlinearity, 2th Congress of Croatian Society of Civil Engineers, 1986. pp.209-218.

Research project Coordinator

1. "Experimental and numerical study of earthquake resistance of buildings", project leader: Radnić J., Ministry of Science, Education and Sport, RH, 2006-present.
2. "Numerical and experimental analysis of composite structures", project leader: Radnić J., Ministry of Science, Education and Sport, RH, 2002-2006.
3. "Numerical modelling of fluid-structure-soil dynamic interaction", project leader: Radnić J., Ministry of Science, Education and Sport, RH, 1996.-2002.
4. "Possibility of connection some Croatian island with the mainland", project leader: Radnić J., Ministry of Science, Education and Sport, RH, 1995.-1997.
5. "Numerical Analysis and strengthening of RC structures", project leader: Radnić J., Ministry of Science, Education and Sport, RH, 1991.-1995.
6. " Numerical modelling of fluid-structure-soil dynamic interaction", project leader: Radnić J., Civil Engineering Institute of Croatia, 1988.-1990.

Developed software programs

1. Radnić J.: „MS“ - Static and dynamic analysis of masonry structures, 2011.
2. Radnić J., Harapin A., Čubela D.: "2D – KOMP" – Numerical analysis of 2D composite structures (steel - concrete, wood - concrete and concrete – concrete), 2003.
3. Radnić J., Markota L., Harapin A.: "CW" – Calculation of crack width of composite concrete cross-sections, 2002.
4. Radnić J., Matešan D.: "SALJ-REO" – Static analysis of concrete shells including rheological effects of concrete, 2000.
5. Radnić J., Harapin A.: "DALJ" – Dynamic analysis of concrete shells with a particular model of reinforced concrete for dynamic loading, 2000.
6. Radnić J., Matešan D.: "SALJ" - Static analysis of reinforced concrete shells with a particular reinforced concrete model for short-term static loads, 1999.
7. Radnić J., Harapin A.: "ENPP" - Calculation of stresses of rectangular concrete cross-sections including creep of concrete, 1994.
8. Radnić J., Harapin A.: "DKP-REO" - Analysis of classically reinforced and prestressed concrete composite cross-sections of arbitrary shape, loaded by eccentric longitudinal force, including the rheological properties of concrete, 1993.
9. Radnić J., Harapin A.: "DKP" – Analysis of classically reinforced and prestressed concrete composite cross-sections of arbitrary shape, loaded by ccentric axial force, for short-term load, Split, 1991.

10. Radnić J.: "DAFIK-BET" - Static and dynamic analysis of 2D concrete structures in contact with the fluid, with special concrete model for dynamic loads, 1990.
11. Radnić J.: "DAKB-BET" - Static and dynamic analysis of 2D concrete structures in contact with the fluid, with a linear model of fluid and a particular model of concrete for seismic load, 1989.
12. Radnić J.: "DAFIK-BET" - Dynamic analysis of 2D concrete structures in contact with the fluid, with a nonlinear model of fluid and a special model for reinforced concrete, 1987.
13. Radnić J.: "DAFIK" - Dynamic analysis of 2D structures in contact with the fluid using the linear model of fluid and elastic, elasto-plastic and elasto-viscoplastic constitutive material models for structure, 1987.
14. Radnić J.: "DAK-BET" - Static and dynamic analysis of 2D concrete structures, using a special model for reinforced concrete, 1986.
15. Radnić J.: "DAK" - Static and dynamic analysis of 2D structures with elastic, elasto-plastic and elasto-viscoplastic constitutive material model, 1986.
16. Radnić J.: "DAFN" - Calculation of of hydrodynamic pressures on rigid structures including cavitation in a fluid, 1985.
17. Radnić J.: "DAF" - Calculation of of hydrodynamic pressures on rigid structures using a linear fluid model, 1985.

Thesis Advisor

1. Baloević, G .: "Experimental investigation and numerical modeling of the behavior of concrete and steel frame with masonry infill", Faculty of Civil Engineering, Architecture and Geodesy, University of Split, 2014.
2. Grgić, N .: "Experimental investigation and numerical modeling of the slender reinforced concrete columns in seismic conditions", Faculty of Civil Engineering, Architecture and Geodesy, University of Split, 2014.
3. Smilović, M .: "The behavior and numerical modeling of masonry structures under static and dynamic load", Faculty of Civil Engineering, Architecture and Geodesy, University of Split, 2014.
4. Markić, R., Effect of prestressed and classical reinforcement relation on the behavior of concrete framework structures, Ph.D. thesis, University of Split: Faculty of Civil Engineering, Architecture and Geodesy, 2012.
5. Matešan, D., Time-dependent analysis of prestressed concrete shells, Ph.D. thesis, University of Split: Faculty of Civil Engineering and Architecture, 2007.
6. Harapin, A., Numerical simulation of fluid-structure dynamic Interaction, Ph.D. thesis, University of Split: Faculty of Civil Engineering, 2000.
7. Markić, R., Contribution numerical modeling for behavior of the concrete sticks structures, M.Sc. thesis, University of Split: Faculty of Civil Engineering and Architecture, 2009.
8. Brzović, D., Contribution to numerical modelling of dynamic interaction between fluid and construction, M.Sc. thesis, University of Split: Faculty of Civil Engineering and Architecture, 2008.
9. Matešan, D., Nonlinear Analysis of Concrete Shells, M.Sc. thesis, University of Split: Faculty of Civil Engineering, 2002.

10. Čubela, D., Numerical simulation of composite structures, M.Sc. thesis, University of Split: Faculty of Civil Engineering, 2003.
11. Šunjić, G., Numerical model for seismic response of underwater structures, M.Sc. thesis, University of Split: Faculty of Civil Engineering, 2003.
12. Markota, L., Numerical model for the computation of crack width in concrete members, M.Sc. thesis, University of Split: Faculty of Civil Engineering, 2002.
13. Harapin, A., Fluid-structure interaction including water pressure in cracks, M.Sc. thesis, University of Split: Faculty of Civil Engineering, 1996.

Professional projects, studies and expertise (important works)

A. BRIDGES

1. „Virin bridge“ near Sinj, 2015. (project of reconstructing)
2. Suspension bridge across the Cetina River in Trilj, 2014. (project of reconstructing)
3. Bridge „Doli“, 2014. (designing project)
4. Bridge „Čikola“ on the road D56, 2014. (project of reconstructing)
5. Railroad overpass Bačvice in Split, 2014. (project of reconstructing)
6. Bridge on the road LC 65017 between Čista Velika and Cicvar, 2013. (project of reconstructing)
7. Overpass Njivice, 2013. (designing project)
8. Bridge over river Matica on the road ŽC 6208 Vrgorac - Staševica, 2013. (designing project)
9. Bridge „Čikola“ on the road D56, 2012. (designing project)
10. Bridge over Rječina river at the junction streets Victims of fascism and Rade Šupić, 2012. (project of reconstructing)
11. Footbridge in Omiš, 2012. (designing project)
12. Floating bridge across the Cetina River in Omiš, 2012. (expertise)
13. Floating bridge Trogir-Čiovo, 2012. (expertise)
14. New floating bridge in Omiš, 2012. (conceptual design)
15. Bridge across the Rječina River in Rijeka, 2011. (repair project)
16. Bridge on the road Jamani-Klis Kosa, 2011. (project of reconstructing)
17. Bridge on the road ŽC 6082 Trilj-Grab, 2011. (project of reconstructing)
18. Overview and evaluation of 28 bridges in the area of Split, 2011.
19. Pedestrian overpass Tugare. 2011. (construction design)
20. Bridge M2 on the road Potravlje-Satrić, 2010. (project of reconstructing)
21. Bridge P-28 across the Jadro River in Solin, 2009. (construction design)
22. Bridge P-16 across the Jadro River in Solin, 2009. (construction design)
23. Underpass in Šolta's street in Split, 2009. (construction design)
24. Bridge M1 on the road Potravlje-Satrić, 2009. (project of reconstructing)
25. Bridge across the Cetina River on the road ŽC 6151, 2008. (repair project)
26. Stone arch bridge (Pavić's bridge) across the Cetina River, 2008. (project of reconstructing)
27. Stone arch bridge (Baleč 's bridge) across the Cetina River, 2008. (project of reconstructing)
28. Bridge "Bundek" across the Sava River in Zagreb, 2008. (conceptual design)
29. Overpass Visoka in Split, 2008. (conceptual design)
30. Railroad overpass Brda in Split, 2007. (repair project)

31. Bridge "Jarun" across the Sava River in Zagreb, 2007. (construction design)
32. Stone bridge across the Jadro River in Solin, 2006. (construction design)
33. Bridge in Lokva Rogoznica near Omiš, 2006. (construction design)
34. Stone arch bridge across the Cetina River in Panj, 2006. (project of reconstructing)
35. Three overpass on the road Solin-Plano, 2006. (construction design)
36. Suspension bridge across the Cetina River in Trilj, 2006. (expertise)
37. Overpass "Biakuše" and "Prosika" on the highway Zagreb-Split, 2005. (construction design)
38. Bridge "Bačvice" in Split, 2005. (construction design)
39. Bridge on the road ŽC 6139 across the Jadro River in Solin, 2005. (repair project)
40. Bridge across the Cetina River on the road ŽC 6105, 2005. (expertise)
41. Bridge across the Jadro River in Solin on the road ŽC 6139, 2005. (expertise)
42. Bridge "Dabar" on the highway Zagreb-Split, 2004. (construction design)
43. Bridge across Ada Ciganlija in Belgrade (Serbia), 2004. (competition project)
44. Overpass "Mihoviovići" and "Majdan" on the road Solin-Kis, 2004. (main design)
45. Wooden bridge in Trogir, 2004. (main design)
46. Bridge across channel HE Zakučac in Omiš, 2004. (conceptual design).
47. Six overpasses and underpasses on the road Solin-Plano, 2004. (main design)
48. Overpass "Arambašići" on the highway Zagreb-Split, 2004. (construction design)
49. Bridges for connection University campus and Vukovar's street in Split, 2004. (conceptual design)
50. Viaduct "Ercegovci", "Perići", "Bulati", "Strikići" and "Akrapi" on the highway Zagreb-Split, 2004. (construction design)
51. Bridge across the Žrnovnica River in Split, 2003. (construction design)
52. Overpass "Humčić", "Vržice", "Akrapi" and "Vrbanj" on the highway Zagreb-Split, 2003. (construction design)
53. Seven viaducts and overpasses on the highway Zagreb-Split, part Bisko-Šestanovac, 2003. (conceptual design)
54. Bridge across the Cetina River on the highway Zagreb-Split, 2003. (conceptual design)
55. Bridge in Matica hrvatska's street in Split, 2003. (construction design)
56. Bridge "Kličevica" on the highway Zagreb-Split, 2003. (construction design)
57. Viaduct "Raštevčić" on the highway Zagreb-Split, 2003. (construction design)
58. Viaducts "Kesića Draga", "Prgomet" and "Gajina" on the highway Zagreb-Split, 2003. (construction design)
59. Overpass "Čvor Dugopolje", 2003. (construction design)
60. Bridge across the railway in K. Sućurac, 2002. (construction design)
61. Viaducts "Rodine glavice", "Fradivina", "Bejići", "Vinokop" and "Podgrede" on the highway Zagreb-Split, 2002. (construction design)
62. Viaducts "Kopčeg", "Plitvine", and "Pirove njive" on the highway Zagreb-Split, 2002. (construction design)
63. Overpasses "Islam latinski", "Rupalj", "Podvornice", "Podgrabovac" and "Busišta" on the highway Zagreb-Split, 2002. (construction design)
64. Bridge across the Krka River near Šibenik, 2002. (conceptual design)
65. Overpasses "Grabar", "Smiljke", Jarkovište" and "Sitno Donje" on the highway Zagreb-Split, 2002. (construction design)

66. Viaducts "Raštević", "Čvor Vrpolje", Pištet", "Garišta" and "Ljubeč" on the highway Zagreb-Split, 2002. (construction design)
67. Bridge "Kličevica" on the highway Zagreb-Split, 2002. (construction design)
68. Bridge Continent - Island Čiovo, 2002. (conceptual design)
69. Overpasses "Vukovarska 2" and "Put kamena" in Split, 2000. (construction design)
70. Bridge "Baštica" on the highway Zagreb-Split, 1999. (construction design)
71. Underpasses "Zemunička cesta" and "Čvor Zadar 2" on the highway Zagreb-Split, 1999. (construction design)
72. Bridge across Crna rijeka and overpass in Ploče, 1999. (main design)
73. Viaduct "Zečeve Drage" on the highway Zagreb-Rijeka, 1998. (conceptual design)
74. Viaduct "Severinske Drage" on the highway Zagreb-Rijeka, 1998. (construction design)
75. Bridge across the Čikola River, 1997. (conceptual design)
76. Three bridges across the railway in Vranjic, 1996. (project of reconstructing)
77. Bridge on the road Metković-Klada-Krvavac, 1995. (construction design)
78. Bridge across the Čikola River on the road Pakovo selo-Miljevci, 1993. (construction design)
79. Maslenica's bridge on the highway Zagreb-Split, 1993. (conceptual design)
80. Pontoon bridge across the Maslenica's bay, 1993. (conceptual design)
81. Maslenica's bridge on the Adriatic road, 1992. (conceptual design)
82. Bridge on the bypass of Split, 1992. (construction design)
83. Overpass "Srima" near Šibenik, 1991. (expertise)
84. Overpass on the bypass of Split, 1991. (construction design)
85. Bridge across the Cetina River and four viaducts on the bypass of Omiš, 1991. (conceptual design)
86. Viaducts "Majdan", "Izvor Jadra", "Mosor", "Jamani", "Bandalova Kosa", "Ploče", "Gornja Ozrna", "Srednja Ozrna" and "Belinovača" on the road Solin-Klis, 1989. (main design)
87. Six overpasses and underpasses on the road Solin-Klis, 1989. (main design)

B. OTHER STRUCTURE PROJECTS

1. Airport Split: The reconstruction and extension of the passenger terminal, 2015. (detailed design)
2. Minceta Fort in Dubrovnik: Expertise and rehabilitation project of the drum, 2014.(expertise and project of reconstructing)
3. Hotel "Jure" of hotel's resort Solaris, Šibenik, 2014. (project of reconstructing)
4. Franciscan Monastery in Makarska, roof reconstruction, 2014. (project of reconstructing)
5. Airport Split: The reconstruction and extension of the passenger terminal, 2014. (main design)
6. Retaining wall in Marina - Phase I, 2013. (detailed design)
7. Retaining wall in Marina - Phase II, 2013. (detailed design)
8. Pumping station Lišane,2013. (detailed design)
9. Hotel "Ivan" of hotel's resort Solaris, Šibenik, 2012. (project of reconstructing)
10. Building in Dugi rat, 2012. (project of reconstructing)
11. Retaining walls in Klis, 2011. (project of reconstructing)
12. Retaining walls in Mimice near Omiš, 2011. (project of reconstructing)
13. Building of Vocational Secondary School in Split, 2008. (project of reconstructing)

14. Sports Hall in Lovreć, 2008. (strutural design)
15. Building in Varždin, 2008. (strutural design)
16. Building the Shipyards in Split, 2008. (repair project)
17. Cement Factory St. Kajo in Solin, 2007. (repair project)
18. Building of Duhanka in Trogir, 2007. (repair project)
19. Hotel "Marjan" in Split, 2005. (expertise)
20. Building "Brico-Store" in Split, 2003. (strutural design)
21. Membrane Conopy at the Airport of Split, 2003. (strutural design)
22. Chimney Sojare in Zadar, 2003. (repair project)
23. Shopping mall "Mercatore- Emmezeta" in K.Sučurac, 2002. (strutural design)
24. Buildinf of the Airport of Split, 2002. (repair project)
25. Building of BMW in Split, 2002. (strutural design)
26. Building "Croatia osiguranje" in Zagreb, 2000. (strutural design)
27. Construction of foundation (diaphragm) of building "Croatia osiguranje" in Zagreb, 2000. (strutural design)
28. Two high steel silos Sojare in Zadar, 2000. (repair project)
29. Diocletian's palace in Split, 1998. (expertise)
30. Renovation of over 150 apartment buildings in area of Dubrovnik, which were damaged in the earthquake, 1997.
31. Building "Fregata" in Split, 1996. (strutural design)
32. Building "Lavčević" in Split, 1996. (strutural design)
33. Building DVD Jelsa, 1996. (strutural design)
34. Coastal sewer and their associated buildings in the port f Split, 1995. (strutural design)
35. 106 high concrete columns 110 kV of transmission lines Kraljevac-Imotski, 1995. (repair project)
36. Shores in Trogir, 1993. (construction design)
37. Shore in Primošten, 1992. (construction design)
38. Building of Dom mladih in Split, 1991. (repair project)
39. 32 high telecommunications columns, 1990. (strutural design)
40. Marine of Makarska, 1989. (repair project)
41. Main hall of the shipyard in Split, 1984. (repair project)
42. Hall of raw merchendisein Travnik, 1984. (strutural design)
43. Opressive pipeline of Hydropower Nikola Tesla In Novi Vinodolski, 1984. (expertise)
44. Three high apartment buildings in Herceg Novi, 1983. (repair project)
45. Hall for the production of diesel enginee in Split, 1982. (repair project)
46. Hotel "Begova ledina" in Makarska, 1982. (project of foundation construction)
47. Hotel "Goričine 2" in Kupari, 1982. (strutural design)
48. Hall for the production of thread in Sinj, 1980. (expertise)
49. Hall "Nova Prerada" in K.Sučurac, 1980. (expertise)
50. Amphitheater of Faculty of Electrical Engineering in Split, 1979. (strutural design)
51. Building "Salon namještaja" in Split, 1979. (repair project)
52. Hotel "Goričine 1" in Kupari, 1979. (repair project)
53. Building of Faculty of Electrical Engineering in Split, 1978. (strutural design)
54. Hotel "Grand" in Kupari, 1978. (repair project)
55. Building of maritime-passenger terminal in Split, 1978. (repair project)

56. Hall of Trade School in Split, 1977. (structural design)

Control of bridges and other structures projects

Control over 200 projects of different structures (buildings, bridges, dams, tunnels...) in terms of mechanical resistance and safety.