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LISTA completă a lucrărilor

A – Lista celor maximum zece (10) lucrări considerate a fi cele mai relevante pentru realizările profesionale proprii

1. **Danciu AD**, Guțiu ȘI, Moga C, Dragomir ML, Ciotlăuș M, Marusceac V. (2023) A Review of the Network Arch Bridge. Applied Sciences,13(19):10966. <https://doi.org/10.3390/app131910966>. publicat în revistă cu **FI=2.7**(2022), în curs de indexare.
2. Marusceac,V., **Danciu,A.**, Ciotlaus,M. & Dragomir,M.(2023). Influence of Speed Brakers on Traffic Generated Noise Levels. Journal of Applied Engineering Sciences,13(2) 253-258. <https://doi.org/10.2478/jaes-2023-0032>. publicat în revistă cu **FI=1.1**(2022), în curs de indexare.
3. Ciotlaus M, Kollo G, Fenesan C, **Danciu AD**, Dragomir ML, Marusceac V. (2023) Rail Wear Evolution on Small-Radius Curves under Mixed Traffic Conditions, In-Field Investigations. Applied Sciences, 14(1), 209; <https://doi.org/10.3390/app14010209>. **IF=2.7** publicat în revistă cu **FI=2.7**(2022), în curs de indexare.
4. Marusceac,V. & **Danciu,A.**(2023). Impact of expansion joints on noise pollution, case study in Cluj-Napoca. Romanian Journal of Transport Infrastructure, 12(1) 1-12. <https://doi.org/10.2478/rjti-2023-0004>. **IF=0.1**
5. Guțiu,Ș., Moga,C. & **Danciu,A.**(2021).Connections of Steel Girders with End Plates and Partially Prestressed Bolts. Romanian Journal of Transport Infrastructure,10(2) 1-16. <https://doi.org/10.2478/rjti-2021-0009>. **IF=0.1**
6. **Danciu, A.**, Guțiu, Ș., Moga, C., Bucerzan, M. (2022). Comparative Analysis Between the Hanger Arrangement in an 80 m Network Arch Bridge with Circular Hollow Cross-Sections. In: Moldovan, L., Gligor, A. (eds) The 15th International Conference Interdisciplinarity in Engineering. Inter-Eng 2021. Lecture Notes in Networks and Systems, vol 386. Springer, Cham. https://doi.org/10.1007/978-3-030-93817-8_12.
7. Guțiu, Ș., Moga, C., Suciu, M., **Danciu, AD**. (2022). Comparative Analysis Between Two Constructive Solutions of a Steel Tied-Arch Road Bridge. In: Moldovan, L., Gligor, A. (eds) The 15th International Conference Interdisciplinarity in Engineering. Inter-Eng 2021. Lecture Notes in Networks and Systems, vol 386. Springer, Cham. https://doi.org/10.1007/978-3-030-93817-8_9.
8. Guțiu,Ș., Moga,C. & **Danciu,A.** (2019).Dynamic Analysis of a Footbridge Structure on a Central Arch. Romanian Journal of Transport Infrastructure, 8(2) 58-72. <https://doi.org/10.2478/rjti-2019-0011>.
9. Moga,C., Guțiu,Ș., **Danciu,A.D.** (2017). Material Consumption Reduction by Using Steel Girders with Corrugated Webs. In: Procedia Engineering 1181, 234-241, <https://doi.org/10.1016/j.proeng.2017.02.384>.

10. Guțiu,Ș., Moga,P., Moga,C. & **Danciu,A.** (2016). The new arch bridge in the city of Sibiu, Romania. In: Procedia Engineering 156, 132-139. 9th International Conference "Bridges in the Danube Basin 2016", BDB 2016, <https://doi.org/10.1016/j.proeng.2016.08.278>.

B - Teza de doctorat

Eficiență și eroare în Metoda Elementelor Finite cu aplicații la structuri de rezistență

Conducător științific: Prof dr ing Eugen Panțel, UTCN

Teza susținută public în 28 septembrie 2011.

Titlu confirmat prin Ordinul MECT 6697/21.12.2011.

C- Brevete de invenție/titluri de proprietate industrială

Nu este cazul.

D - Cărți și capitole în cărți

1. P. MOGA, Șt. I. GUȚIU, C. MOGA, **ALEXANDRA D DANCIU**, Construcții și Poduri Metalice. Bazele proiectării elementelor din oțel. Ediția a 2-a, 448 pagini, UTPRESS, 2023, ISBN 978-606-737-653-1
2. P. MOGA, Șt. I. GUȚIU, **ALEXANDRA D DANCIU**, C. MOGA, Poduri Metalice. Manual practic de proiectare, 298 pagini, UTPRESS, 2022, ISBN 978-606-737-557-2.
3. P. MOGA, Șt. I. GUȚIU, **ALEXANDRA D DANCIU**, C. MOGA, Poduri metalice. Ghid de proiectare. Structura de pod feroviar, 226 pagini, UTPRESS, 2020, ISBN 978-606-737-463-6
4. P. MOGA, Șt. I.GUȚIU, C. MOGA, **ALEXANDRA D. DANCIU**, M. SUCIU: Pasarele pietonale metalice. Manual de proiectare. 164 pagini, UTPRESS 2014, ISBN 978-973-662-914-3
5. P. MOGA, Șt. I.GUȚIU, C. CÂMPIAN, C. MOGA, **ALEXANDRA D. DANCIU**: Construcții și Poduri Metalice. Proiectarea elementelor din oțel, 372 pagini, UTPRESS, 2014, ISBN 978-973-662-949-5
6. A.M. IOANI, **ALEXANDRA D. DANCIU**, HM MOCIRAN, Theory of Elasticity. Examples and Problems, 73 pagini, UTPRESS, 2011, ISBN 978-973-662-655-5

E – Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

1. **Danciu AD**, Guțiu ȘI, Moga C, Dragomir ML, Ciotlăuș M, Marusceac V. (2023) A Review of the Network Arch Bridge. Applied Sciences,13(19):10966. <https://doi.org/10.3390/app131910966>, **FI=2.7** (Publicat 2023, în curs de indexare).
2. Marusceac,V., **Danciu,A.**, Ciotlaus,M. & Dragomir,M.(2023). Influence of Speed Brakers on Traffic Generated Noise Levels. Journal of Applied Engineering Sciences,13(2) 253-258. <https://doi.org/10.2478/jaes-2023-0032>, **FI=1.1** (Publicat 2023, în curs de indexare).
3. Ciotlaus M, Kollo G, Fenesan C, **Danciu AD**, Dragomir ML, Marusceac V. (2023) Rail Wear Evolution on Small-Radius Curves under Mixed Traffic Conditions, In-Field Investigations. Applied Sciences, 14(1), 209; <https://doi.org/10.3390/app14010209>. **FI=2.7** (Publicat 2023, în curs de indexare).
4. Marusceac,V. & **Danciu,A.**(2023). Impact of expansion joints on noise pollution, case study in Cluj-Napoca. Romanian Journal of Transport Infrastructure, 12(1) 1-12. <https://doi.org/10.2478/rjti-2023-0004>, **FI=0.1**

5. Guțiu,Ș., Moga,C. & **Danciu,A.**(2021).Connections of Steel Girders with End Plates and Partially Prestressed Bolts. Romanian Journal of Transport Infrastructure,10(2) 1-16. <https://doi.org/10.2478/rjti-2021-0009>, FI=0.1
6. Guțiu,Ș., Moga,C. & **Danciu,A.** (2019).Dynamic Analysis of a Footbridge Structure on a Central Arch. Romanian Journal of Transport Infrastructure, 8(2) 58-72. <https://doi.org/10.2478/rjti-2019-0011>.

F. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. **Danciu, AD.**, Guțiu, Ș., Moga, C., Ciotlaus, M., Marusceac, V., Dragomir, ML.(2023) Dynamic response analysis of footbridges on hot-rolled steel girders for spans varying between 10 to 40m and width between 2 and 6 m, The 17th International Conference Interdisciplinarity in Engineering. Inter-Eng 2023, 5-6.10.2023, Tg. Mureș, Romania. (în curs de publicare)
2. Marusceac, V., Ciotlaus, M., **Danciu, AD.**, Dragomir, ML. (2023) Optimizing Urban Planning to Alleviate Noise Pollution in Different Types of Intersections A Case Study in Cluj-Napoca, The 17th International Conference Interdisciplinarity in Engineering. Inter-Eng 2023, 5-6.10.2023, Tg. Mureș, Romania. (în curs de publicare)
3. Ciotlaus, M., Marusceac, V., **Danciu, AD.**, Dragomir, ML. (2023) Rail fastening maintenance impact on track stability for continuously welded rail tracks, The 17th International Conference Interdisciplinarity in Engineering. Inter-Eng 2023, 5-6.10.2023, Tg. Mureș, Romania. (în curs de publicare)
4. **Danciu, A.**, Guțiu, Ș., Moga, C., Bucerzan, M. (2022). Comparative Analysis Between the Hanger Arrangement in an 80 m Network Arch Bridge with Circular Hollow Cross-Sections. In: Moldovan, L., Gligor, A. (eds) The 15th International Conference Interdisciplinarity in Engineering. Inter-Eng 2021. Lecture Notes in Networks and Systems, vol 386. Springer, Cham. https://doi.org/10.1007/978-3-030-93817-8_12.
5. Guțiu, Ș., Moga, C., Suci, M., **Danciu, AD.** (2022). Comparative Analysis Between Two Constructive Solutions of a Steel Tied-Arch Road Bridge. In: Moldovan, L., Gligor, A. (eds) The 15th International Conference Interdisciplinarity in Engineering. Inter-Eng 2021. Lecture Notes in Networks and Systems, vol 386. Springer, Cham. https://doi.org/10.1007/978-3-030-93817-8_9.
6. Cătălin Moga, Ștefan I.Guțiu, **Alexandra D. Danciu**, Material Consumption Reduction by using Steel Girders with Corrugated Webs, Procedia Engineering, 181, 234–241, <https://doi.org/10.1016/j.proeng.2017.02.384>
7. Guțiu,Ș., Moga,P., Moga,C. & **Danciu, A.** (2016). The new arch bridge in the city of Sibiu, Romania. In: Procedia Engineering 156, 132-139. 9th International Conference "Bridges in the Danube Basin 2016", BDB 2016, <https://doi.org/10.1016/j.proeng.2016.08.278>
8. Moga,P., Guțiu,Ș., Anghel,F., Moga,C., **Danciu, A.** (2016). Footbridge Over the Someș River in Cluj-Napoca, România. In: Procedia Engineering 156, 249-256, <https://doi.org/10.1016/j.proeng.2016.08.294>.
9. Șt. I. GUȚIU, C. MOGA, **Alexandra DANCUI**, M. SUCIU: Constructive solutions for medium span footbridges, 16th International Multidisciplinary Scientific Geoconference (SGEM 2016), Nano, Bio and Green – Technologies for a Sustainable Future, 30 june-6 july, 2016, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-69-8, ISSN 1314-2704, DOI:10.5593/sgem2016B62, pp 517-524, <https://www.webofscience.com/wos/woscc/full-record/WOS:000391650000068>
10. Șt. I. GUȚIU, C. MOGA, **Alexandra DANCUI**: Elastic and plastic design of composite steel-concrete girders with circular holes, 16th International Multidisciplinary Scientific Geoconference (SGEM 2016), Nano, Bio and Green – Technologies for a Sustainable Future, 30 june-6 july, 2016, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and

sustainable architecture, ISBN 978-619-7105-69-8, ISSN 1314-2704, DOI:10.5593/sgem2016B62, pp 549-556, <https://www.webofscience.com/wos/woscc/full-record/WOS:000391650000072>

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12. **Alexandra DANCIU**, Șt. I. GUȚIU, C. MOGA: Bi-dimensional analysis of a 90 m arch with different hanger arrangements, 16th International Multidisciplinary Scientific Geoconference (SGEM 2016), Nano, Bio and Green – Technologies for a Sustainable Future, 30 June-6 July, 2016, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-69-8, ISSN 1314-2704, DOI:10.5593/sgem2016B62, pp 477-484, <https://www.webofscience.com/wos/woscc/full-record/WOS:000391650000063>
13. Șt. I. GUȚIU, C. MOGA, **Alexandra DANCIU**: Composite steel concrete trusses for railway bridge superstructures, 14th GeoConference on Nano, Bio and Green – Technologies for a Sustainable Future, SGEM 17-26 June, 2014, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-21-6, ISSN 1314-2704, DOI:10.5593/sgem2014B62, pp 73-80, <https://www.webofscience.com/wos/woscc/full-record/WOS:000366135800010>
14. C. MOGA, Șt. I. GUȚIU, **Alexandra DANCIU**: Influence of cross-sectional shape on the values of the critical buckling force, 14th GeoConference on Nano, Bio and Green – Technologies for a Sustainable Future, SGEM 17-26 June, 2014, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-21-6, ISSN 1314-2704, DOI:10.5593/sgem2014B62, pp 219-226, <https://www.webofscience.com/wos/woscc/full-record/WOS:000366135800029>
15. C. MOGA, Șt. I. GUȚIU, **Alexandra DANCIU**: Shear stresses transfer at the steel-concrete interface in circular concrete filled steel tubes, 14th GeoConference on Nano, Bio and Green – Technologies for a Sustainable Future, SGEM 17-26 June, 2014, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-21-6, ISSN 1314-2704, DOI:10.5593/sgem2014B62, pp 613-620, <https://www.webofscience.com/wos/woscc/full-record/WOS:000366135800079>
16. **Alexandra DANCIU**, D. DANCIU, C. MOGA, Șt. I. GUȚIU: Evolutionary method for re-triangulation, 14th GeoConference on Nano, Bio and Green – Technologies for a Sustainable Future, SGEM 17-26 June, 2014, Bulgaria, Conference Proceedings, Volume II, Green buildings technologies and materials; Green design and sustainable architecture, ISBN 978-619-7105-21-6, ISSN 1314-2704, DOI:10.5593/sgem2014B62, pp 145-152, <https://www.webofscience.com/wos/woscc/full-record/WOS:000366135800019>

G. Alte lucrări și contribuții științifice

1. **Alexandra DANCIU**, Șt. I. GUȚIU, C. MOGA: (2023) Influence of Design Parameters on General Stability of Tied Arches with an Upper Bracing, Bulletin of the Polytechnic Institute of Iași. Construction. Architecture Section, vol 67(2022): issue 4, pp 61-75.
2. C. MOGA, Șt. I. GUȚIU, **Alexandra DANCIU**, B. CRISTEA: (2022) Aspects regarding EC3-2 Procedure for Stability Verification of the Free-Standing Circular Arches, Bulletin of the Polytechnic Institute of Iași. Construction. Architecture Section, vol 67(2022): issue 3, pp 105-117.
3. C. MOGA, Șt. I. GUȚIU, **Alexandra DANCIU**, B. CRISTEA: Technical Aspects and Structural Verification of a Footbridge with Composite Steel-Concrete Box Girder, Bulletin of the Polytechnic Institute of Jassy, Vol. 70(2). ISSN 2068-4762(e). Iași, 2020.

4. Șt. I. GUȚIU, C. MOGA, **Alexandra DANCIU**: Considerations regarding roadway steel bridges connections using bolts and end plates, The Eight International Conference "Bridges in Danube Basin" 25-27 September 2019, Vienna, Austria, ISBN: 978-3-9502387-2-3
5. C. MOGA, Șt. I. GUȚIU, **Alexandra DANCIU**: Circular concrete filled steel tubes. Tangential shear stresses transfer at the steel-concrete interface, Eurosteel 2014: 7th European Conference on Steel and Composite Structures, Naples, Italy, September 10-12, 2014. ed. / Raffaele Landolfo; Frederico M. Mazzolani. Brussels, Belgium: European Convention for Constructional Steelwork, ECCS, 2014, ISBN: 978-92-9147-121-8
6. Șt. I. GUȚIU, P. MOGA, **Alexandra DANCIU**, C. MOGA: Lateral torsional buckling resistance of steel plate girder according to Euronorms, The Eight International Conference "Bridges in Danube Basin", 2013, published in "New Trends in Bridge Engineering and Efficient Solutions for Large and Medium Span Bridges" SpringerVieweg, ISBN 978-3-658-03713-0, DOI 10.100/978-3-658-03714-7, p. 395-406
7. ȘT. GUȚIU, C. MOGA, **Alexandra-Denisa DANCIU**, M. SUCIU: Selection of structural steel toughness according to SR EN 1993-1-10. Bulletin of the Polytechnique Institute of Jassy, Tome LIX. Fascicle 2. ISSN 2068-4762(e). Iași, 2013, p. 45-54
8. P. Moga, ȘT. GUȚIU, **Alexandra-Denisa DANCIU**: Influence of Open Cross-Section Shape on Compression Members Buckling Resistance Bulletin of the Polytechnique Institute of Jassy, Tome LIX. Fascicle 1. ISSN 2068-4762(e). Iași, 2013. p. 81-102
9. C. MOGA, **Alexandra-Denisa DANCIU**, M. SUCIU: A Comparative Analysis of Web Buckling Resistance: Steel Plate Girders – Girders with Corrugated Webs A Comparative Analysis of Web Buckling Resistance: Steel Plate Girders – Girders with Corrugated Web, Bulletin of the Polytechnique Institute of Jassy, Tome LIX. Fascicle 1. ISSN 2068-4762(e). Iași, 2013, p. 175-182.
10. Ofelia Corbu, Raluca Istoan, **Alexandra D. DANCIU**: Utilizing Waste Aggregates in the Production of New Sustainable Concrete for Precast Elements, The 2nd World Symposium on Materials Sciences and Engineering 2023, 8-10 noiembrie 2023, Singapore, pp. 53.
11. MOGA P., GUȚIU ȘT., **DANCIU AD**, MOGA C., SUCIU M.: Aspecte privind stabilitatea podurilor pe arce metalice în conformitate cu SR EN 1993:2-2007, Revista Drumuri și Poduri, februarie 2021, Anul XXVIII, nr. 281, pp. 5-9.
12. Șt. I. GUȚIU, SUCIU M, **DANCIU A.**, MARUSCEAC, V.: Tabliere compuse oțel-beton pe grinzi metalice cu zăbrele, Simpozionul național „Materiale și tehnologii noi în construcția și întreținerea drumurilor și podurilor”. 7-8 mai 2015. Cluj-Napoca. ISSN 2068-2727, p. 147-161
13. MOGA C., **DANCIU AD.**, MARUSCEAC V.: Proiectarea elementelor compuse oțel-beton solicitate la compresiune cu încovoiere biaxială, Congresul al IV-a de Drumuri și poduri din România. Cluj-Napoca, sept. 2014.
14. MOGA P., GUȚIU ȘT., **DANCIU A.**: Eficiența grinzilor metalice cu inima din tablă cutată privind rezistența la voalare. Al IV-lea Congres de Drumuri și Poduri. sept. 2014. Cluj-Napoca. CD, 923-933, ISBN 978-606-737-005-8
15. C. MOGA, **DANCIU AD**. Steel girders with corrugated webs. C60-International Conference "Tradition and Innovation- 60 Years of Constructions in Transylvania, 7-9 November 2013, Cluj-Napoca, Romania.
16. P. MOGA, Șt. I. GUȚIU, C. MOGA, **Alexandra DANCIU**: Calculul rigidizărilor grinzilor cu inimă plină în conformitate cu EN 1993-1-5, "Tendențe actuale în ingineria structurilor metalice", a XIII-a Conferință Națională de Construcții metalice, 21-22 nov 2013, București, ISBN 978-973-100-306-1, p. 85-92
17. P. MOGA, Șt. I. GUȚIU, **AD. DANCIU**: Lateral torsional buckling resistance of Hot-Rolled Steel Girders. Proc. of the C60 International Conference. Tradition and Innovation. Cluj-Napoca. nov. 2013. pag. 225, ISBN 978-973-662-903-7

18. P., MOGA, **DANCIU, A.** Stabilitatea platelajelor ortotrope comprimate axial. Simpozionul național „Materiale și tehnologii noi în construcția și întreținerea drumurilor și podurilor”. 17 mai 2013. Cluj-Napoca.
19. **AD. DANCIU:** Modelarea numerica a sistemelor rutiere. Influenta inaltimei modelului asupra rezultatelor. In: Simpozion Materiale și tehnologii noi în construcția și întreținerea drumurilor și podurilor, Materiale și tehnologii noi în construcția și întreținerea drumurilor și podurilor, ediția IX-a, nr.9, 2012, UTPRESS, ISBN 2068-2735.
20. **AD. DANCIU, E. PANTEL, HA MOCIRAN, DI DANCIU:** Contributions to criterions for assessing the accuracy of a finite element model. Computational Civil Engineering 2010, International Symposium Iasi, Romania, May 28, 2010.
21. HA MOCIRAN, E PANTEL, **AD DANCIU:** Application of fluid viscous dampers in the seismic control of steel frame structures 480. Computational Civil Engineering 2010, International Symposium Iasi, Romania, May 28, 2010.
22. **AD DANCIU, HA Mociran:** Errors in finite element analysis, Proceedings 10th International Scientific Conference VSU2010, 3-4 iunie, 2010, Vol.1, pp.192 197, ISSN 1314 071X.
23. HA MOCIRAN, **AD DANCIU:** Earthquake protection of steel frame structures by using fluid viscous dampers, Proceedings 10th International Scientific Conference VSU2010, 3-4 iunie, 2010, Vol.1, pp.118 113, ISSN 1314-071X.
24. HA MOCIRAN, **AD DANCIU:** Earthquake protection of steel frame structures by using elastomeric base isolators, Proceedings 10th International Scientific Conference VSU2010, 3-4 iunie, 2010, Vol.1, pp.114 119, ISSN 1314-071X.
25. **AD DANCIU, HA Mociran:** JAVA A solution for future finite element analysis, Proceedings 10th International Scientific Conference VSU2010, 3-4 iunie, 2010, Vol.1, pp.188 191, ISSN 1314-071X.
26. HA Mociran, **AD Danciu,** Effectiveness of viscoelastic dampers in mitigating seismic response of a single degree freedom structure, Buletinul Institutului Politehnic din Iasi, Tomul LVI(LX), Fasc. 4A, Ed. Politehni um, pp .501 506, ISSN 1011 2855.
27. HA Mociran, **AD Danciu,** Evaluation of seismic energy response of a single degree of freedom structure equipped with viscous dampers , Buletinul Institutului Politehnic din Iasi, Tomul LVI(LX), Fasc. 4A, Ed. Politehni um, pp.423 428, ISSN 1011 2855.
28. **AD Danciu, HA Mociran,** Estimation of modeling errors, Buletinul Institutului Politehnic din Iasi, Tomul LVI(LX), Fasc. 4A, Ed. Politehni um, pp.417 422, ISSN 1011 2855.
29. **AD Danciu, HA Mociran,** Shell elements and their application in structural mechanics , Buletinul Institutului Politehnic din Iasi, Tomul LVI(LX), Fasc. 4A, Ed. Politehni um, pp.423 428, ISSN 1011 2855.
30. HA Mociran, E Pantel, **AD Danciu,** Viscous Fluid Dampers for reducing Seismic Response of Steel Frame Structures, GNP2010, Vol2, pp. 499 504, ISBN 978 86 82707 19 6.
31. **AD Danciu, E Pantel, HA Mociran,** Deterioration of historical arch bridges. Transylvanian Example located on DN19, GNP2010, Vol2, pp. 499 504, pp. 1239 1244, ISBN 978 86 82707 19 6.
32. **AD Danciu,** Short history of the finite elements method, Annals of University of Oradea, Constructions and Hydro utility Installations Fascicle, vol. XII, pp. 85 88, ISSN 1454 4067, 2009.
33. **AD Stan, HA Mociran,** A discussion of the mathematics of the finite element method, Acta Technica Napocensis: Civil Engineering and Architecture, Vol 52 (2009), pp. 81 84, I SSN 1221 5848.
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37. HA Mociran, **AD Stan**, Numerical studies on steel frame structures retrofitted with earthquake protective systems, Acta Technica Napocensis, ISSN 1221 5848, Vol 1, pp. 191 198, Proceedings of the International Conference CONSTRUCTIONS 2008, Cluj Napoca, Romania.
38. **AD Stan**, HA Mociran, Contribution to error estimates for plates, Acta Technica Napocensis, ISSN 1221 5848, Vol 1, pp. 257 262, Proceedings of the International Conference CONSTRUCTIONS 2008, Cluj Napoca, Romania
39. **AD Stan**, Studiul structurii unui viaduct realizat din elemente prefabricate , STUDENT 2006, Secțiunea DRUMURI, PODURI, CĂI FERATE, Ediția a V a, Cluj Napoca, 12 mai 2006, ISBN(10) 973 662 227 4, ISBN(13) 978 973 662 227 4, UTPRES
40. Contract tip C-CDI-2021, înregistrat DMCDI cu nr. TN 348/25.11.2022 și înregistrat la UTCN cu nr. 39029/24.11.2022, cu titlul: „**Cercetări privind realizarea podurilor pe arce în soluție de tip Network Arch**” valoare proiect 71400 lei, perioada de derulare 24.11.2022 – prezent. În calitate de **Director de proiect/grant** (În derulare).
41. Contract tip C-CDI-2023, înregistrat DMCDI cu nr. TN 184/27.10.2023 și înregistrat la UTCN cu nr. 35600/27.10.2023, cu titlul: „**Cercetări privind îmbunătățirea capacității portante a traverselor de cale ferată din beton precomprimat T17, utilizând zeolitul**” valoare proiect 64963.05 lei, perioada de derulare 27.10.2023 – prezent. În calitate de **Membri** în echipa de implementare. (În derulare).
42. Contract cu terții cu nr. 41/09.06.2016, cu titlul: „Studiu tehnologic privind servicii de expertiză tehnică, SF, PF, DE, Asistență Tehnică din partea proiectantului pentru Reparație capitală Pod peste râul Mureș cu pasaj superior peste linia de CF Deda-Tg. Mureș, str. Călărașilor din municipiul Tg. Mureș, județul Mureș”, valoare contract 53788 lei, perioada de implementare 2016-2019. În calitate de **Director de proiect/grant**.
43. **Recenzie** – Calculul podurilor dalate. Îndrumător de lucrări. Autor Vladimir Marusceac. UTPress, Cluj-Napoca, 2021, ISBN 978-606-737-496-4. <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/496-4.pdf>

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