

## LISTA LUCRĂRILOR PUBLICATE

### Monografii

1. Petru RĂPIȘCĂ; Ioan TUNS; Ovidiu DEACONU: "Materiale de construcții", Ed. Universității Transilvania 2003 Brașov, ISBN 973-635-232-3; 200 pag.
2. Ovidiu DEACONU: "Structuri din beton armat" Ed. Universității Transilvania 2021 Brașov, ISBN 978-606-19-1393-0; 181 pag.

### Articole publicate

1. Ovidiu DEACONU "Optimizarea calculului barelor cu pereti subtiri" Sesiunea științifică aniversară Construcții - Instalații Brașov CIB 30.10 Universitatea Transilvania Brașov 14-15 November 2002
2. Augustin POPAESCU; Ovidiu DEACONU "Durabilitatea structurilor din beton" Sesiunea stiintifica aniversara Constructii - Instalatii Brasov CIB 30.10 Universitatea Transilvania Brasov 14-15 November 2002
3. Ovidiu DEACONU; Alexandru DIMULESCU; Emil LITRA "Propuneri de interventii pentru diverse defecte ale betonului" Sesiunea stiintifica Constructii - Instalatii CIB 2004, ed. Universitatii Transilvania Brasov 18-19 November 2004
4. Alexandru DIMULESCU; Emil LITRA; Ovidiu DEACONU "Consolidarea fundatiilor continue din beton armat" Sesiunea stiintifica Constructii - Instalatii CIB 2004, ed. Universitatii Transilvania Brasov 18-19 November 2004
5. Augustin POPAESCU; Ovidiu DEACONU "Rehabilitation of a grain concrete silo constructed by slip form method" Published BALKLEMA, Amsterdam ICCRRR November 2005
6. Augustin POPAESCU; Ovidiu DEACONU "Cercetari experimentale privind comportarea pana la rupere a unei grinzi de acoperis gp 24/12 ap" Bulletin of the Transilvania University of Brașov Vol. 13(48) - New Series 2006

7. Augustin POPAESCU; Ovidiu DEACONU "Incercarea pe stend pana la rupere a unor elemente prefabricate de tip grinda din beton precomprimat si beton armat", Conferință internațională structuri prefabricate din beton in centrul și estul europeii, November 2007
8. Augustin POPAESCU; Ioan BURTEA; Ovidiu DEACONU "Incercarea pe stend pana la rupere a unei grinzi precomprimate date si cerinte privind atestarea si certificarea de conformitate", SELC edition a XVIII - a, Neptun 05-07 October 2006, ed. MAN-DELY Bucuresti 2006 ISBN 973-7689-04-6
9. Augustin POPAESCU; Ovidiu DEACONU "Existing concrete silos - lessons from inspection, diagnosis, rehabilitation and strengthening" 3rd fib international congress 2010
10. Ovidiu DEACONU "Study on durability of resistance hall structure CET Govora" CIBv 2012 published at Bulletin of the Transilvania University of Braşov
11. Ovidiu DEACONU "Investigation of precast concrete elements in terms of durability" CIBv 2013 published at Bulletin of the Transilvania University of Braşov
12. Ovidiu DEACONU "Conditions of the constructions sustainability in natural environments" CIBv 2014 published at Bulletin of the Transilvania University of Braşov
13. Ovidiu DEACONU "Aspects regarding of sustainability over time reinforced concrete structures" CIBv 2015 published at Bulletin of the Transilvania University of Braşov
14. Ovidiu DEACONU "Considerations regarding using concrete with dispersed reinforcement and ferrocement" CIBv 2016 published at Bulletin of the Transilvania University of Braşov
15. Ovidiu DEACONU "Proposals for consolidation and repair of two grain silos" CIBv 2017 publishing at Bulletin of the Transilvania University of Braşov
16. Ovidiu DEACONU "Using ferrocement in construction" CIBv 2018 publishing at Bulletin of the Transilvania University of Braşov Vol. BUT\_SERIA 1\_vol 11 (60)\_ 2018
17. Augustin Popaescu, Ovidiu Deaconu, George Croitoru, Dorin Radu "Existing Large and Thin Concrete Slab Damaged by Multiple Cracks Almost Pierced. Expertise, Diagnosis, Strengthening, Behavior and Control After Execution" High Tech Concrete: Where Technology and Engineering Meet. Springer, Cham. [https://doi.org/10.1007/978-3-319-59471-2\\_226](https://doi.org/10.1007/978-3-319-59471-2_226)
18. Ovidiu DEACONU, Adrian DEACONU "Numerical methods to find the slope at a point on map using level curves. Application in road designing" IOP <https://iopscience.iop.org/article/10.1088/1757-899X/789/1/012017/meta>
19. Cristina Chiţonu, C N Rolfsen, Ovidiu DEACONU, "Accessibility to Transilvania's cultural heritage through BIM-Heritage and community involvement" IOP Conf. Series: Materials Science and Engineering 789 (2020) 012010 IOP Publishing doi:10.1088/1757-

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20. Sorin Vlase, Marin Marin, Ovidiu Deaconu, "Symmetries used in the Vibration Analysis of the Concrete Structures", Symmetry 2021, 13, [https://www.mdpi.com/2073-8994/13/4/656?utm\\_campaign=releaseissue&utm\\_medium=email&utm\\_source=releaseis&utm\\_term=title&link=136](https://www.mdpi.com/2073-8994/13/4/656?utm_campaign=releaseissue&utm_medium=email&utm_source=releaseis&utm_term=title&link=136) (FI=2.713; SRI=0.579)
21. Ovidiu Deaconu, "Aspects regarding the extension and consolidation of a house located on a sloping plot of land", IOP Conference Series: Materials Science and Engineering, 2021 <https://iopscience.iop.org/article/10.1088/1757-899X/1138/1/012020/pdf>
22. Adrian Deaconu, Ovidiu Deaconu, "Heuristic and numerical geometrical methods for estimating the elevation and slope at points using level curves. Application for embankments", Special Issue "Synergy of Building Information Modeling and Optimization in Civil Engineering" MDPI Applied Science <https://www.mdpi.com/2076-3417/11/13/6176> (FI=2.679; SRI=0.923)
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24. Bulmez A.M., Ciofoaia V., Năstase G., Dragomir G., Brezeanu A.I., Jordan N.F., Bolocan S.I., Fratu M., Plescan C., Cazacu C.E., Deaconu O., "Numerical investigation on auxiliary heat sources for horizontal ground heat exchangers" Buildings Vol. 12 Issue 8 August 2022 <https://www.mdpi.com/2075-5309/12/8/1259> (FI=3.324; SRI=0.933)
25. Deaconu O., Deaconu A.M., Chitonu G.C., Taus D., "The online teaching system as a sustainable way of learning" Sustainability Vol. 14 Issue 18 September 2022 <https://www.mdpi.com/2071-1050/14/18/11556/htm> (FI=3.889; SRI=0.823)
26. Sorin Vlase, Marin Marin, Ovidiu Deaconu, " Vibration Properties of a Concrete Structure with Symmetries Used in Civil Engineering" Reprinted from: Symmetry 2021, 13, 656, doi:10.3390/sym13040656, Symmetry in Modeling and Analysis of Dynamic Systems ISBN 978-3-0365-3383-4 Editor Jan Awrejcewicz <https://www.mdpi.com/books/pdf/download/book/5712>