

## Lista de lucrari

dr. ing. Pop Victor Liviu

### I. Teza de doctorat

*“Concentrari de tensiuni in zone cu discontinuitati geometrice”*

Conducător științific: **Prof.dr.ing. Cornel BIA - UTCN Cluj-Napoca**

### II. Dizertație masterat

*“THE FUTURE OF DESIGNING BUILDINGS IN ROMANIA - the next 10 years”*

Conducător științific: **Professor David Bright, PhD – University of Hull**

### III. Lucrări publicate

1. **Victor POP:** "First step into Europe" - In search of tomorrow 1, 2019, ISBN: 978-606-37-0628-8, Presa Universitara Clujeana
2. Maria POP, **Victor POP**, Cristina CAMPIAN, Paul PERNES: "Geometric discontinuities in bent bars. Stress concentration in bent bars of sections with sudden changes"- 5<sup>th</sup> International Conference civil engineering-Science and practice, Zabljak, 17-21 February 2014, ISBN 978-86-82707-23-3, pg.301-307 [conferinta internationala]
3. **Victor POP**, Maria POP, *Variation of stress concentration around rectangular holes. Influence of joints types between the sides of rectangular holes*, Acta Technica Napocensis: Civil Engineering & Architecture Vol. 56, No. 1, (2013) [BDI, B+]
4. **Victor POP**, Maria POP, Petru Cosobea, *Finite element method for the stress concentration factor in plates with holes*, Acta Technica Napocensis: Civil Engineering & Architecture Vol. 56, No. 1, (2013) [BDI, B+]
5. **Victor POP**, Radu HULEA, Maria POP, *Advances in Civil Engineering and Building Materials:“Parametric studies in plates with holes for stress concentration factor”* pg.835-841 Chang,CRC Press/Balkema Al Bahar &Zhao (Eds) © 2013 Taylor & Francis Group, London, ISBN 978-0-415-64342-9 [BDI, B+]
6. Maria POP, Cristina CAMPIAN, **Victor POP**, Daniel SUCIU, *BRBF - Buckling restrained braced frames design method and analysis*, 4<sup>th</sup> International Conference civil engineering-Science and practice, Zabljak, Muntenegru, 20-24 February 2012, ISBN 978-86-82707-21-9 [conferinta internationala]
7. **Victor POP**, Radu HULEA, Maria POP, *Parametric studies in plates with holes for stress concentration factor*, 2nd International Conference on Civil Engineering and Building Materials, 17-18 Nov 2012, Hong Kong, China ISBN 978-0-415-64342-9 [BDI, B+]
8. Vasile Ilie: "Rezistența materialelor - Partea I" Reeditare 2011: Liviu V. Pop, Ironim Martian, **Victor POP**, editura UT Press 2011, ISBN 978-973-662-643