

## Publications

- D. Zarojanu, B.G. Cazacu, Andrei Zarojanu: **Considerations in determining soil stability by using the criterion of Mohr-Coulomb failure**, 11th National Conference of Geotechnics and foundations, Timisoara, 2008,
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- D. Zarojanu, B.G. Cazacu, Andrei Zarojanu: **The determination of the ground stability in case of distributed load** Albanian geotechnical society landslides and geo-environment geotechnical symposium in balcan region, october 2011
- Andrei Zarojanu: **Stanley Conjecture on intersection of three monomial primary ideals** Bull. Math. Soc. Sc. Math. Roumanie 55 (103), no.3, 2012, 335-339,
- Dorin Popescu, Andrei Zarojanu, **Depth of some square free monomial ideals** Bull. Math. Soc. Sci. Math. Roumanie, 56(104), 2013,117-124,
- Dorin Popescu, Andrei Zarojanu, **Depth of some special monomial ideals** Bull. Math. Soc. Sci. Math. Roumanie, **56(104)**, 2013, 365-368,
- Dorin Popescu, Andrei Zarojanu, **Three generated, squarefree, monomial ideals** Bull. Math. Soc. Sci. Math. Roumanie **58 (106)**, (2015), 359-368, no 3,
- Viviana Ene, Andrei Zarojanu, **On the regularity of binomial edge ideals** Mathematische Nachrichten, Math. Nachr., 288: 19-24. doi:10.1002/mana.201300186,
- Bogdan Ichim, Andrei Zarojanu, **An algorithm for computing the multigraded Hilbert depth of a module** Experimental Mathematics, 23:3, 322-331, DOI: 10.1080/10586458.2014.943111
- Bogdan Ichim, Andrei Zarojanu, **An introduction to Hilbert depth** Proceedings of the Third Conference of Mathematical Society of Moldova IMCS-50, 2014, 86-89,
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