

LISTA LUCRĂRILOR

1. PUBLICAȚII

1. Zs. Szilágyi, *On Chern classes of the tensor product of vector bundles*, Acta Universitatis Sapientiae, Mathematica, **14**, 2 (2022), 330-340.
(DOI:10.2478/ausm-2022-0022)
2. T. László, Zs. Szilágyi, *On Poincaré series associated with links of normal surface singularities*, Transactions of the American Mathematical Society, **372** (2019), 6403-6436.
(DOI:10.1090/tran/7802)
3. T. László, Zs. Szilágyi, *Néemethi's division algorithm for zeta-functions of plumbed 3-manifolds*, Bulletin of London Mathematical Society, **50**, Issue 6, (2018), 1035-1055.
(DOI:10.1112/blms.12198)
4. T. László, Zs. Szilágyi, *Non-normal affine monoids, modules and Poincaré series of plumbed 3-manifolds*, Acta Mathematica Hungarica. 2017; **152**(2): 421-452.
(DOI:10.1007/s10474-017-0726-2)
5. Zs. Szilágyi, *Computation of Jeffrey-Kirwan residues using Gröbner bases*, Journal of Symbolic Computation. 2017, **79**, 327-341.
(DOI: 10.1016/j.jsc.2016.02.011)
6. Sz. András, Zs. Szilágyi, *Geometria II*. (note de curs, în limba maghiară), Státus Kiadó, 2006.
(ISBN: 973-8311-87-X)
7. Zs. Szilágyi, *Affin geometria*, Presa Universitară Clujeană, 2023.
(ISBN: 978-606-37-1832-8)
8. Zs. Szilágyi, *Matematikai analízis feladatgyűjtemény*, Presa Universitară Clujeană, 2023.
(ISBN: 978-606-37-1836-6)
9. Zs. Szilágyi, *An equivariant Jeffrey-Kirwan formula in non-compact case*, in *Geometric Quantization in the Non-compact Setting*, Oberwolfach Report, Vol. 8, Issue 1, 2011, p. 508.
(DOI:10.4171/OWR/2011/09)

2. TEZA DE DOCTORAT

1. Zs. Szilágyi, *Equivariant Jeffrey-Kirwan theorem in non-compact settings*, Geneva University, 2013. (PDF: <https://archive-ouverte.unige.ch/unige:35402>)

3. PREPRINTS

1. Zs. Szilágyi, *Holomorphic vector field with one zero on the Grassmannian and cohomology*, 2023 (trimis spre publicare)