List of publications

Papers in I.S.I. journals

- **I. I. Mezei**, A.E. Molnár, *Schwarz symmetric solutions for a quasilinear eigenvalue problem*, Electron. J. Qual. Theory Differ. Equ., No. 89 (2016), pp. 1–17; (impact factor 0.732) doi: 10.14232/ejqtde.2016.1.89

- Cs. Farkas, **I. I. Mezei**, *Group-invariant multiple solutions for quasilinear elliptic problems on strip-like domains*, Nonlinear Analysis TMA, 79(2013), pp. 238-246. (impact factor 1.612)

- **I. I. Mezei**, L. Săplăcan, *Existence results and applications for general variational-hemivariational inequalities on unbounded domains,* Electron. J. Diff. Eqns., Vol. 2009(2009), No. 48, pp. 1-10. (impact factor 0.427)

- **I. I. Mezei**, Cs. Varga, *Multiplicity result for a double eigenvalue quasilinear problem on unbounded domain,* Nonlinear Analysis: Theory, Methods & Applications, 69 (2008), pp. 4099-4105. (impact factor 1.612)

Papers in reviewed journals (BDI)

- A. E. Molnár, **I. I. Mezei,** O. Vas, *Multiple symmetric solutions for some hemivariational inequalities*, Studia Univ. "Babes-Bolyai", Mathematica, Vol.59, No. 3, (2014), pp.369-384

- A. Kristály, **I. I. Mezei,** *Multiple solutions for a perturbed system on strip-like domains*, Discrete Contin. Dyn. Syst. Ser. S, Vol. 5, No.5, (2012)

- **I. I. Mezei**, *Metric relations on mountain slopes*, Studia Univ. "Babes-Bolyai", Mathematica, Vol. LVI, No.1, (2011), pp. 81-84.

- **I. I. Mezei**, L. Săplăcan, *Multiple solutions for a non-homogeneous Neumann boundary-value problem,* Mathematica, Tome 53(76), No 1, (2011), pp. 81-90.

- **I. I. Mezei**, T. Kovács: *Multiple solutions for a homogeneous semilinear problem in double weighted Sobolev spaces*, Studia Univ. "Babes-Bolyai", Mathematica, Vol. LIV, No.3, (2009), pp. 99-112.

- **I. I. Mezei**, *Multiple radially symmetric solutions for a quasilinear eigenvalue problem*, Acta Univ. Sapientiae, Mathematica, 1, 2(2009), pp. 109-120.

- **I. I. Mezei**, *A multiplicity result for a double eigenvalue p-Laplacian equation on unbounded domain*, Mathematica, Tome 50(73), No 2, (2008), pp.197-205.

- **I. I. Mezei**, *Multiple solutions for a double eigenvalue elliptic problem in double weighted Sobolev spaces*, Studia Univ. "Babes-Bolyai", Mathematica, Vol. LIII, Nr. 3, (2008), pp. 33-48.

- E. Buzogány, **I. I. Mezei,** Cs. Varga, *A special hemivariational inequality*, Mathematica, Tome 45(68), No.2, (2003), pp. 115-1204

- **I. I. Mezei**, *Relation between the Palais-Smale condition and coerciveness for multivalued mappings*, Studia Univ. "Babes-Bolyai", Mathematica, Vol. XLVII, No.1, (2002), pp.67-72.

- E. Buzogány, **I. I. Mezei**, V. Varga, *Two-variable Variational-Hemivariational Inequalities*, Studia Univ. "Babes-Bolyai", Mathematica, Vol. XLVII, No.3, (2002), pp. 31-41.

Books

- **I. I. Mezei**, Cs. Varga, *Görbék és felületek elmélete* (*Theory of curves and surfaces*), Egyetemi Jegyzet, Erdélyi Tankönyvtanács, 2002, pp. 149.
- **I. I. Mezei,** Cs. Varga, *Analitikus mértan* (Analytic Geometry), Presa Universitara Clujana, 2010, 260 p.
- **I. I. Mezei**, Cs. Varga, *Görbék és felületek elmélete* (*Theory of curves and surfaces*), IIIrd completed edition, Editura Abel, 2011, 179 p.

Edited books:
1. Z. Kása, P. Blaga, J. Gál, **I. I. Mezei**, M. Mureşan, O. Tőkés: *200 éve született Bolyai János/200 de ani de la naşterea lui János Bolyai/200 years since the birth of János Bolyai*, Presa Universitară Clujeană, Cluj-Napoca, 2002. 187 pp. ISBN: 973-610-151-701A70 (01-06)
2. **I. I. Mezei**, G. P. Nagy, Cs. Varga: *Shlesinger Lajos*, *A tér absolute igaz tudománya*, (*The absolut and true science of the space*), Ed. Abel, (2012), pp. 170.

Cluj-Napoca,   **Mezei Ildikó-Ilona**
26.01.2017