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Research interest: Operator theory; Functional analysis; Associative and nonassociative rings and algebras; Functional equations and inequalities

Recent publications:

- [1] D. Ilišević, A. Turnšek „A quantitative version of Herstein's theorem for Jordan $*$ -isomorphisms“, to appear in **Linear Multilinear Algebra**
- [2] D. Ilišević, C.N. Liu, N.C. Wong „When the average of composition operators being a projection“, to appear in **J. Nonlinear Convex Anal.** **16** (2015).
- [3] D. Ilišević, A. Turnšek, D. Yang „Orthogonally additive mappings on Hilbert modules“, **Studia Math.** **221** (2014), 209 – 229.
- [4] D. Eremita, I. Gogić, D. Ilišević „Derivations and epimorphisms implemented by generalized elementary operators“, **Algebr. Represent. Theory** **17** (2014), 983 – 996.
- [5] D. Ilišević, N. Thomé „When is the hermitian / skew-hermitian part of a matrix a potent matrix?“, **Electron. J. Linear Algebra** **24** (2012), 95 – 112.

Selected publications:

- [1] A. Fošner, D. Ilišević „Generalized bicircular projections via rank preserving maps on the spaces of symmetric and antisymmetric operators“, **Oper. Matrices** **5** (2011), 239 – 260.
- [2] D. Ilišević, A. Turnšek „Approximately orthogonality preserving mappings on C^* -modules“, **J. Math. Anal. Appl.** **341** (2008), 298 – 308.
- [3] J. Chmieliński, D. Ilišević, M. S. Moslehian and Gh. Sadeghi „Perturbation of the Wigner equation in inner product C^* -modules“, **J. Math. Phys.** **49** (2008), no. 3, 033519, 8 pp.
- [4] M. Fošner, D. Ilišević, C.K. Li „ G -invariant norms and bicircular projections“, **Linear Algebra Appl.** **420** (2007), 596 – 608.
- [5] M. Fošner, D. Ilišević „On a class of projections on $*$ -rings“, **Comm. Algebra** **33** (2005), 3293 – 3310.