

## Lista de lucrări

### A. Articole publicate în reviste cotate ISI

1. Csaba Szántó, *Submodules of Kronecker modules via extension monoid products*, Journal of Pure and Applied Algebra 222 (2018), pp. 3360-3378.
2. Csaba Szántó, István Szöllősi, *A short solution to the subpencil problem involving only column minimal indices*, Linear Algebra and its Applications 517 (2017), pp. 99-119.
3. Csaba Szántó, *Combinatorial aspects of extensions of Kronecker modules*, Journal of Pure and Applied Algebra 219 (2015), pp. 4378-4391.
4. Csaba Szántó, István Szöllősi, *Hall polynomials and the Gabriel-Roiter submodules of simple homogeneous modules*, Bulletin of the London Mathematical Society 47 (2015), pp. 206-216.
5. Csaba Szántó, *On some Ringel-Hall products in tame cases*, Journal of Pure and Applied Algebra 216 (2012), pp. 2069-2078.
6. Csaba Szántó, István Szöllősi, *On preprojective short exact sequences in the Kronecker case*, Journal of Pure and Applied Algebra 216 (2012), pp. 1171-1177.
7. Csaba Szántó, István Szöllősi, *The terms in the Ringel-Hall product of preinjective Kronecker modules*, Periodica Mathematica Hungarica 63 (2011), pp. 227-244.
8. Csaba Szántó, *On the cardinalities of Kronecker quiver Grassmannians*, Mathematische Zeitschrift 269 (2011), pp. 833-846.
9. Csaba Szántó, Alexandru Horvath, *Formulas for Kronecker invariants using a representation theoretical approach*, Linear Algebra and its Applications 430 (2009), pp. 664-673.
10. Csaba Szántó, *Hall Numbers and the Composition Algebra of the Kronecker Algebra*, Algebras and Representation Theory 9 (5) (2006), pp. 465-495.
11. Csaba Szántó, *A generic Hall algebra of the Kronecker algebra*, Communications in Algebra 33(8) (2005), pp. 2519-2540.

### B. Articole publicate în reviste BDI

1. Csaba Szántó, Ábel Lőrinczi, *The indecomposable preprojective and preinjective representations of the quiver tilde  $D_n$* , Mathematica Cluj 57(80) (2015), pp. 54-66.
1. Csaba Szántó, Ábel Lőrinczi, *The indecomposable preprojective and preinjective representations of the quiver tilde  $D_5$* , Mathematica Cluj 56(79) 2 (2014), pp. 145-157.
3. Csaba Szántó, *On some Ringel-Hall numbers in tame cases*, Acta Univ. Sapientiae Mathematica 6 (2014), pp. 61-72.
4. Csaba Szántó, *On some nonzero Ringel-Hall numbers in tame cases*, Mathematica Cluj 53(76) (2011), pp. 189-195.
5. Ch. Sacarea, Cs. Szántó, I. Suteu Szollosi, *Combining the Solitaire Encryption Algorithm with Lagged Fibonacci Pseudorandom Number Generators*, Mathematica Cluj 51(74) (2009), pp. 163-171.
6. Csaba Szántó, *On some formulas in the Hall algebra of the Kronecker algebra*, Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis (AMAPN), EMIS electronic journal, 23(1) (2007), pp 1-6.

7. Csaba Szántó, *Regular submodules of regular Kronecker modules*, *Mathematica Cluj* 49(72) (2007), pp.83-89.
8. Csaba Szántó, *On the Hall product of preinjective Kronecker modules*, *Mathematica Cluj*, 48(71) (2006), pp. 203-206.
9. Csaba Szántó, *Expressing the cyclic modules in terms of elementary modules in the classical Hall algebra*, *Mathematica Cluj*, 48(71) (2006), pp. 85-88.
10. Csaba Szántó, *Semisimple submodules in some specially oriented Dynkin cases*, *Mathematica Cluj*, 44(67) (2002), pp. 245-250.
11. George Argeşanu, Csaba Szántó, *Taft algebras are cyclic serial*, *Mathematica Cluj* 44(67) (2002), pp. 11-17.

**C. Articole publicate în volume ale unor conferințe internaționale cu referenți**

1. Csaba Szántó: *The Hall product of a regular indecomposable and a preprojective indecomposable Kronecker module*, Proceedings of the algebra symposium, Babeş-Bolyai University Cluj-Napoca, May 2006, Editura Fundației pentru Studii Europene Cluj-Napoca, 2006, ISBN 973-7677-16-1, pp. 107-116.

**D. Articole publicate în volume ale unor conferințe naționale**

1. Csaba Szántó: *Hall coefficients in the Kronecker case*, Proceedings of the algebra symposium, Babeş-Bolyai University Cluj-Napoca, November 23-24, 2001, Editura Fundației pentru Studii Europene Cluj-Napoca, 2002, ISBN 973-8254-26-4, pp 261-274.

**E. Cărți publicate în edituri naționale acreditate**

1. Csaba Szántó, István Szöllösi: *Kriptografia*, Presa Universitara Clujeana, 2009, 140 pp, ISBN 978-973-610-973-7.
2. Csaba Szántó: *Hall algebras in the Kronecker case*, EFES, Cluj-Napoca, 2006, 105 pp, ISBN 973-7677-17-X.
3. Septimiu Crivei, Andrei Marcus, Christian Sacarea, Csaba Szántó: *Computational algebra with applications to coding theory and cryptography*, EFES, 2006, 198 pag, ISBN-10 973-7677-31-5.
4. Andrei Marcus, Csaba Szántó, László Tóth: *Logika és halmazelmélet*, Editura Scientia, 2004, 200 pag, ISBN 973-7953-29-0.

**F. Manuale și alte publicații de aceeași natură**

1. Andrei Marcus, Csaba Szántó: *Általános algebrai feladatgyűjtemény*, Erdélyi Tankönyvtanács, 1997, 107 pag.
2. Andrei Marcus, Csaba Szántó: *Általános algebrai feladatgyűjtemény*, Lito UBB Cluj, 1996, 105 pag.

Data:

3.07.2018

Semnătura:

\_\_\_\_\_