

## Списък на публикациите на учените от секция “Алгебра” през 2008 г.

### 2.1. Научни публикации в списания и поредици

#### 2.1.1. в чужбина

##### 2.1.1.1 излезли от печат през 2008 г.

**V. Drensky**, J.-T. Yu, *A cancelation conjecture for free associative algebras*, Proc. Amer. Math. Soc. **136** (2008), No. 10, 3391-3394.

**V. Drensky**, F. Benanti, *Defining relations of minimal degree of the trace algebra of  $3 \times 3$  matrices*, J. Algebra **320** (2008), No. 2, 756-782.

**I.D. Chipchakov**, *On the residue fields of Henselian valued stable fields*, J. Algebra **319** (2008), No 1, 16-49.

**Tatiana Gateva-Ivanova**, Shahn Majid, *Matched pairs approach to set theoretic solutions of the Yang-Baxter equation*, J. Algebra **319**, No. 4, 1462-1529 (2008).

**A.Iliev**, L.Manivel, *Cubic hypersurfaces and integrable systems*, Amer. J. of Math. **130**, No 6, 2008, pp. 1445-1475 (2008)

**H. Iliev**, *On the irreducibility of the Hilbert scheme of curves in  $P^5$* , Commun. Algebra **36**, No. 4, 1550-1564 (2008).

Michael B. Weissman, **Valentin Vankov Iliev**, Ivan Gutman, *A pioneer remembered biographical notes about Arthur Constant Lunn*. MATCH Commun. Math. Comput. Chem. **59**, No. 3, 687-708 (2008).

##### 2.1.1.2 приети за печат през 2008 г., с документ за приемане от издателя;

**V. Drensky**, J.-T. Yu, *Automorphisms of polynomial algebras and Dirichlet series*, J. Algebra **321** (2009) 292-302.

**V. Drensky**, J.-T. Yu, *Dimension of automorphisms with fixed degree for free algebras of Nielsen Schreier varieties*, C.R. Acad. Bulg. Sci. (to appear).

**V. Drensky**, C. Chan, A. Edelman, R. Kan, P. Koev, *On computing Schur functions and series thereof*, J. Algebraic Combinatorics (to appear).

**V. Drensky**, R. Holtkamp, *Planar trees, free nonassociative algebras, invariants, and elliptic integrals*, Algebra and Discrete Mathematics (to appear).

**V. Drensky**, L. Makar-Limanov, *The Conjecture of Nowicki on Weitzenboeck derivations of polynomial algebras*, J. Algebra and Its Applications (to appear).

**V. Drensky**, R. La Scala, *Defining relations of low degree of invariants of two  $4 \times 4$  matrices*, International J. Algebra and Computations (to appear).

#### 2.1.2. в България

##### 2.1.2.1 излезли от печат през 2008 г.

**I.D. Chipchakov**, *Embeddings in quasilocal fields and computations in Brauer groups of arbitrary fields*, C.R. Acad. Bulg. Sci. **61** (2008), No 10, 1229-1238.

**2.1.2.2** приети за печат през 2008 г., с документ за приемане от издателя.

Drensky, V., J.-T. Yu, Dimension of automorphisms with fixed degree for free algebras of Nielsen - Schreier varieties, C.R. Acad. Bulg. Sci. 62 (2009), No. 1, 9-16 (to appear).

**2.2. Научни публикации в пълен текст в сборници от конгреси и конференции, както и в тематични сборници**

**2.2.1. в чужбина**

**2.2.1.1** излезли от печат през 2008 г.

**V.Kanev**, H.Lange, *Polarization type of isogeneous Prym-Tyurin varieties*, Alexeev, Valery (ed.) et al., Curves and abelian varieties. International conference, Athens, GA, USA, March 30--April 2, 2007. Providence, RI: American Mathematical Society (AMS). Contemporary Mathematics **465**, 147-174 (2008)