

LIST OF PUBLICATIONS

Wojciech Gajda

*Faculty of Mathematics
and Computer Sciences
Adam Mickiewicz University
Poznań, POLAND*

PAPERS

- *Adams operations in Hochschild and cyclic homology of the de Rham algebra and free loop spaces*, (with D. Burghlea and Z. Fiedorowicz), *Journal of K-theory* **4** (1991), 269-287, *Erratum ibidem* **5** (1991), 293.
- *Power maps and epicyclic spaces*, (with D. Burghlea and Z. Fiedorowicz), *Journal of Pure and App. Algebra* **96** (1994), 1-14.
- *The S^1 -CW decomposition of the geometric realization of a cyclic set*, (with Z. Fiedorowicz), *Fundamenta Mathematicae*, **145** (1994), 91-100.
- *Euler systems for higher K-theory of number fields*, (with G. Banaszak), *Journal of Number Theory*, **58** (1996), 213-252.
- *On the arithmetic of cyclotomic fields and K-theory of \mathbf{Q}* , (with G. Banaszak) *Contemporary math.series of the AMS* **199**, (1996), 7-18.
- *On the map on homology between henselization and completion*, (with G. Banaszak and P. Krasoń), *Journal of Pure and Applied Algebra*, **132**, No. 1, (1997), 3-9.
- *A note on the Quillen-Lichtenbaum conjecture and the arithmetic of square rings*, (with G. Banaszak, P. Krasoń and P. Żelewski), *Journal of K-theory* **16**, (1999), 229-243.
- *On products in algebraic K-theory*, (with D. Arlettaz and G. Banaszak), *Commentari Mathematici Helvetici* **74**, (1999), 476-506.
- *On Galois cohomology of some p -adic representations and étale K-theory of curves*, (with G. Banaszak and P. Krasoń), *Contemporary math. series of the AMS* **241**, (1999), 23-44.
- *On 2-adic cyclotomic elements in K-theory and étale cohomology of the ring of the integers*, (with D. Arlettaz and G. Banaszak), *Journal of Number Theory*, vol. **82**, (2000), p. 225-255.
- *A support problem for algebraic K-theory of number fields*, (with G. Banaszak and P. Krasoń), *C. R. Acad. Sci. Paris. t. 331, Serie 1* (2000), p. 185-190.

- *On cyclotomic numbers and reduction map for K-theory of the integers*, Journal of K-theory **23** (2001), 323-343.
- *Support problem for intermediate Jacobians of l -adic representations*, (with G. Banaszak and P. Krasoń), Journal of Number Theory, vol. **100**, (2003), p. 133-168.
- *On Galois representations for abelian varieties with complex and real multiplications*, (with G. Banaszak and P. Krasoń), Journal of Number Theory, vol. **100**, (2003), p. 117-132.
- *On $K_*(\mathbf{Z})$ and classical conjectures in the arithmetic of cyclotomic fields*, Contemporary math. series of the AMS (2004), vol. **349**, p. 217-237.
- *Detecting linear dependence by reduction maps*, (with G. Banaszak and P. Krasoń), Journal of Number Theory **115** (2005), p. 322-342.
- *On reduction map for the étale K-theory of curves*, (with G. Banaszak and P. Krasoń), Homotopy, Homology and Applications **7** (2005), p. 1-10.
- *On the image of l -adic representations for abelian varieties of type I and II*, (with G. Banaszak and P. Krasoń), Documenta mathematica (2006), Extra volume Coates, pp. 55-95.
- *Reduction in K-theory of some infinite extensions of number fields*, the volume dedicated to W.Narkiewicz in Functiones et Approximatio **XXXIX** (2008), pp. 145-148.
- *Linear dependence in Mordell-Weil groups*, (with K.Górnisiewicz), Journal für die reine und angew. Mathematik vol. **630** (2009), pp. 219-233.
- *A Note on Generators of Even-Numbered K-groups of Rings of Integers* (with Cornelius Greither), Mathematical Research Letters, **vol. 16.** (2009), pp. 841-848.
- *On the image of Galois l -adic representations for abelian varieties of type III*, (with G.Banaszak and P.Krasoń), Tohoku Mathematics Journal **vol. 62** (2010), 163-189.
- *On mathematics of Zdzisław Krygowski* (text in Polish), in "Zdzisław Krygowski, *Prace Wybrane*", PTPN (2011), 4-26.
- *Abelian varieties over finitely generated fields and the Geyer-Jarden conjecture on torsion*, (with S. Arias-de-Reyna and S. Petersen), Journal Pure and Applied Algebra, **217** (2013), no. 2, 218-229.
- *Big monodromy for abelian varieties over finitely generated fields*, (with S. Arias-de-Reyna and S. Petersen), Mathematische Nachrichten, **286** (2013), issue 13, 1269-1286.

- *Independence of ℓ -adic Galois representations over function fields*, (with S. Petersen), *Compositio Mathematica* **149** (2013), 1091-1107.
- *Independence of ℓ -adic representations of geometric Galois groups*, (with G. Böckle and S. Petersen), *Jour. für die reine und angew. Mathematik*, published online 8.07.2015, DOI/10.1515/crelle-2015-0024.
- *On cohomological properties of systems of Galois representations*, (with S. Petersen), 49-62, *Banach Center Publ.* **108**, Polish Acad. Sci. Inst. Math., Warsaw, 2016.
- *A variational open image theorem in positive characteristic*, (with G. Böckle and S. Petersen), preprint 2017, accepted at *Journal de Theorie des Nombres de Bordeaux*.
- *On the semisimplicity of reductions and adelic openness for E -rational compatible systems over function fields*, preprint 2017, 68 pp.

BOOKS

- one of editors of the vol. **199** (1996) of the Contemporary math. series of the AMS, **Algebraic K-theory**, 225pp.
- *"Elementy Algebry Liniowej" I* (textbook on linear algebra, in Polish), Wydawnictwo Naukowo-Techniczne (2002), 300 pp.
- *"Elementy Algebry Liniowej" II* (textbook on linear algebra, in Polish), Wydawnictwo Naukowo-Techniczne (2002), 350 pp.
- Editor (with M. Jaroszewska) of *"Zdzisław Krygowski, Prace Wybrane"*, PTPN (2011), 236 pp.