

## Selected papers

1. "Interpolation by the Fourier-Stieltjes transform of a positive compactly supported measure", *Colloq. Math.* 54 (1987), no.1, 113-120.
2. "Existence of Sidon sets of first kind in LCA groups", *Colloq. Math.* 54 (1987), no.1, 121-125.
3. "Graphs minimal with respect to contractions in some subfamilies of maximal planar graphs", Proceedings of the International Conference on Combinatorial Analysis and its Applications (Pokrzywna, 1985), *Applicationes Math.* 19 (1988), no.3-4, 387-398.
4. "Ortho and causal closure as a closure operations in the causal logic", *Internat. J. Theoret. Phys.* 44 (2005), no.1, 11-19 (with W. Cegła).
5. "Orthomodular lattices generated by graphs of functions", *Communications in Math. Phys.* 259 (2005), no.2, 363-366 (with W.Cegła).
6. "The covering law in othomodular lattices generated by graphs of functions ", *Communications in Math. Phys.* 256 (2006), no. 3, 853-859 (with W. Cegła).
7. "Orthomodular lattices in ordered vector spaces", *Algebra Universalis* 56 (2007), no.1, 57-68.
8. "Orthocomplemented lattices in ordered groups", *Algebra Universalis* 58 (2008), no.3, 341-347.
- 9 "Billiard and Diophantine approximation", *Acta Arith.* 134 (2008), no.4, 317-327.
- 11."Billiard and the five-gap theorem", *Discrete Math.* 309 (2009), no.12, 4123-4129 (with K. Florek).
- 12."Billiard and the five distance theorem", *Acta Arith.* 139 (2009), no.3, 229-239.
- 13."On Barnette's conjecture", *Discrete Math.* 310 (2010), no.10-11, 1531-1535.
- 14."Orthomodular lattices and closure operations in ordered vector spaces", Noncommutative harmonic analysis with applications to probability II, 129-133, *Banach Center Pub.*, 89, Polish Acad. Sci. Inst. Math., Warsaw, (2010).
- 15."A numerical method to determine a degressive proportional distribution of seats in the European Parliament", *Mathematical Soc. Sciences.* 63 (2012) 121-129.
- 16."Arc-Disjoint Cycles and Feedback Arc Sets", *Journal of Graph Theory* 75 (2014), no.4, 355-357 17. "Note on arc-disjoint cycles in tournaments" , *Colloquium Mathematicum* 136 (2014), no.2, 259-262.
- 18."Equations relating factors in decompositions into factors of some family of plane triangulations, and applications" (with an appendix by Andrzej Schinzel), *Colloquium Mathematicum*, 138 (2015), no.1, 23-42.
- 19."On Barnette's Conjecture and the  $\mathcal{H}^{\{+-\}}$  property", *Journal of Combinatorial Optimization* 31 (2016), no 3, 943-960.
- 20."Orthomodular lattice in Lorentzian globally hyperbolic space-time", *Reports on Mathematical Physics* 79 (2017), no 3, 187-195 (współautorzy W.Cegła i B. Jancewicz).
- 21."Hamiltonian cycles in some family of cubice 3-connected plane graphs", praca przyjęta do publikacji w *Colloquium Mathematicum*.

## Selected papers from Arxiv

1. "On Barnette's Conjecture and  $\mathcal{H}^{\{+-\}}$  property", <http://arxiv.org/abs/1208.4332>
2. "Orbits and Hamilton bonds in a family of plane triangulations with vertices of degree three or six", <http://arxiv.org/abs/1206.5383>
3. "Roots of Markoff quadratic forms as strongly badly approximable numbers", <http://arxiv.org/abs/1106.1844>

## Conferences

- International Conference on Harmonic Analysis, June 1978, Wrocław-Trzebieszowice, Poland.
- International Conference on Harmonic Analysis, July 1980, Wisła, Poland.
- International Congress of Mathematicians (ICM), August 16-24, 1983, Warsaw, Poland..
- Conference on Combinatorial Analysis and its applications, August 16-22, 1985, Pokrzywna, Poland.
- VII Sesja Naukowa Matematyków, Konferencja z Teorii Grafów, Wrzesień 19-22, 1988, Zielona Góra-Kalsk.
- XXXII Konferencja Statystyków i Matematyków Akademii Ekonomicznych Polski Południowej, Marzec 26-28, 1996, Osieczany.
- XXXIX Konferencja Statystyków i Matematyków Akademii Ekonomicznych Polski Południowej, Marzec 3-5, 2003, Łądek Zdrój.
- 10<sup>th</sup> Workshop "NON-COMMUTATIVE HARMONIC ANALYSIS WITH APPLICATIONS TO PROBABILITY", in the International Conference Center of the Institute of Mathematics of the Polish Academy of Sciences, August 6-12, 2007, Będlewo, Poland.
- Workshop "CERNY CONJECTURE", June 22-25, 2008, Wrocław, Poland
- 11<sup>th</sup> Workshop "NON-COMMUTATIVE HARMONIC ANALYSIS WITH APPLICATIONS TO PROBABILITY", in the International Conference Center of the Institute of Mathematics of the Polish Academy of Sciences, August 17-23, 2008, Będlewo, Poland.
- 7<sup>th</sup> Slovenian International Conference on Graph Theory, June 19-25, 2011, Bled, Slovenia.
- 5<sup>th</sup> Polish Combinatorial Conference, September 22-26, 2014, Będlewo, Poland.