

Curriculum Vitae of Zsolt Páles

Name: Dr. Zsolt Páles

Place and date of birth: Sátoraljaújhely, March 6, 1956.

Qualifications: Certificated Mathematician (MSc), Kossuth Lajos University (1980); Certificated English-Hungarian Specialist Translator (in Mathematics), Kossuth Lajos University (1986).

Workplace: University of Debrecen, Faculty of Science and Technology, Institute of Mathematics, Department of Analysis, continuously since 1980, as a Full Professor since 2003. Leader of the Doctoral School of Mathematical and Computational Sciences since 2008. Co-president of the Professors Club of the University of Debrecen (2020), President of the Debrecen Branch of the Hungarian Academy of Sciences (2020).

Scientific degrees and titles: PhD in Mathematics (1982); Candidate of Mathematical Sciences of the Hungarian Academy of Sciences (1987), Doctor of Science of the Hungarian Academy of Sciences (2001), Habilitation at the University of Debrecen (2001), Corresponding Member of the Hungarian Academy of Sciences (2016), Ordinary Member of the Hungarian Academy of Sciences (2022).

PhD dissertations defended under his supervision: 14.5

Students obtained habilitation: Associate Professor dr. Mihály Bessenyei

Recent research fields: Generalizations of first- and higher-order convexity properties for Chebyshev and Beckenbach systems. Stability of convexity properties, Bernstein-Doetsch-type theorems. Characterization, comparison, equality, homogeneity and invariance problems for means. Iterative and topological fixed point theorems in semimetric spaces.

Scientometric data: Peer reviewed publications: 255; Chapters in books: 5 (4 in foreign books); Independent citations: 2800; Talks given at international conferences: 225. Hirsch index: 31.

Most important foreign trips: Humboldt Fellowship, Institute für Mathematik, Universität des Saarlandes, Saarbrücken, Deutschland (1981-1982); Visiting Professor, Department of Mathematics, Michigan State University, East Lansing, USA (2005-2006).

Memberships in Editorial Boards: *Aequationes Mathematicae* (2008-, Editor in Chief), *Alkalmazott Matematikai Lapok* (2003-, Editor in Chief) and Associate Editor for 9 international mathematical journals.

Scholarships received: Humboldt Fellowship (1991-1992), Széchenyi Professorship (1996-2000), Széchenyi István Scholarship (2000-2002), Szentágothai János Scholarship (2013-2014).

Most important distinctions: Prize of the Hungarian Academy of Sciences (2004), Szent-Györgyi Albert Prize (2009), Szele Tibor Memorial Medal (2011), Széchenyi Prize (2014), Pro Facultate Prize (2021), Béla Szőkefalvi-Nagy Medal (2022)

5 most important publications:

[1] Páles Zs., *Inequalities for differences of powers*, J. Math. Anal. Appl. 131(1) (1988), 271-281. (Independent citations: 86)

[2] Páles Zs., Volkmann P., Luce D., *Hyers-Ulam stability of functional equations with square-symmetric operations*, Proc. Natl. Acad. Sci. USA 95(22) (1998), 12772-12775. (Independent citations: 39)

[3] Kassay G., Kolumbán J., Páles Zs.: *Factorization of Minty and Stampacchia variational inequality systems*, Eur. J. Oper. Res. 143(2) (2002), 377-389. (Independent citations: 55)

[4] Daróczy Z., Páles Zs., *Gauss composition of means and the solution of the Matkowski-Suto problem*, Publ. Math. Debrecen 61(1-2) (2002), 157-218. (Independent citations: 56)

[5] Brzdęk J., Chudziak J., Páles Zs., *A fixed point approach to stability of functional equations*, Nonlin. Anal. 74(17) (2011), 6728-6732. (Independent citations: 76)

Debrecen, November 27, 2024.

