

List of Publications

Attila Gilányi

Books edited

- [1] C. Bandle, A. Gilányi, L. Losonczi, Zs. Páles, M. Plum, (Eds.), *Inequalities and Applications*, International Series of Numerical Mathematics, Vol. 157, Birkhäuser Verlag, Basel, Boston, Berlin, 2009.
- [2] M. Kuczma, *An Introduction to the Theory of Functional Equations and Inequalities*, Second Edition, Edited by Attila Gilányi, Birkhäuser Verlag, Basel, Boston, Berlin, 2009.
- [3] C. Bandle, A. Gilányi, L. Losonczi, M. Plum, (Eds.), *Inequalities and Applications 2010*, International Series of Numerical Mathematics, Vol. 161, Birkhäuser Verlag, Basel, Boston, Berlin, 2012.

Papers

- [4] A. Gilányi, *Charakterisierung von monomialen Funktionen und Lösung von Funktionalgleichungen mit Computern*, Diss., Universität Karlsruhe, 1995.
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- [6] A. Gilányi, *On locally monomial functions*, Publ. Math. Debrecen **51** (1997), 343–361.
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- [19] A. Gilányi, Zs. Páles, *On Dinghas-type derivatives and convex functions of higher order*, Real Anal. Exchange **27** (2001/2002), 485–493.
- [20] A. Gilányi, *On a problem by K. Nikodem*, Math. Inequal. Appl. **5** (2002), 707–710.
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- [22] A. Gilányi, C. T. Ng, J. Aczél, *On a functional equation arising from comparison of utility representations* J. Math. Anal. Appl. **304** (2005), 572–583.
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- [24] M. Adamek, A. Gilányi, K. Nikodem, Zs. Páles, *A note on three-parameter families and generalized convex functions*, J. Math. Anal. Appl. **330** (2007), 829–835.
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- [27] N. Bátfai, P. Jeszenszky, Cs. Bartha, A. Gilányi, S. Széll, Gy. Szimeonov, G. Vaskó, Gy. Terdik, *Műholdas helymeghatározás alkalmazása a labdajátékokban*, Az elmélet és a gyakorlat találkozása a térinformatikában. Térinformatikai konferencia és szakkiállítás, Debrecen, 2010 (Eds. J. Lóki, G. Demeter), Debrecen, 2010, 223–231.
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- [33] G. Gy. Borus, A. Gilányi, *Solving systems of linear functional equations with computer*, 4th IEEE International Conference on Cognitive Infocommunications (CogInfoCom), 2013, 559–562.

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- [35] A. Gilányi, N. Merentes, K. Nikodem, Zs. Páles, *Characterizations and decomposition of strongly Wright-convex functions of higher order*, *Opuscula Math.* **35** (2015), 37–46.
- [36] A. Gilányi, M. Bálint, R. Hajdu, S. Tarsoly, I. Erdős, *A visualization of the medieval church of Zelemér*, 6th IEEE Conference on Cognitive Infocommunications (CogInfoCom), 2015, 449–453.
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- [45] A. Gilányi, *On locally monomial functions of degree n with order $\alpha > n$* , *Abstract, Report of Meeting*, *Aequationes Math.* **55** (1998), 287.
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